LG
Life's Good

MULTI V™ WATER IV

PERFORMANCE DATA MANUAL



Variable Refrigerant Flow Water Source Outdoor Units

6.0 to 48.0 Tons

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A summary list of safety precautions is on page 3.

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⚠DANGER	*This symbol indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.*
⚠WARNING	*This symbol indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.*
⚠CAUTION	*This symbol indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.*
Note:	*This symbol indicates situations that may result in equipment or property damage accidents only.*
⃠	*This symbol indicates an action that must not be performed.*

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208/230V HEAT PUMP AND HEAT RECOVERY PERFORMANCE DATA

208/230V Heat Pump and Heat Recovery Cooling Capacity Data **5**

208/230V Heat Pump and Heat Recovery Heating Capacity Data **72**

MULTI V WATER IV

COOLING CAPACITY DATA

ARWN072BAS4, ARWB072BAS4

72,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
130	23	5.3	66.8	1.31	72.4	1.54	79.1	1.79	85.8	2.02	88.3	2.07	91.8	2.11	94.3	2.13
	32	6.0	66.8	1.31	72.4	1.54	79.1	1.79	85.8	2.02	88.3	2.07	91.8	2.11	94.3	2.13
	41	6.9	66.8	1.31	72.4	1.54	79.1	1.79	85.8	2.02	88.3	2.07	91.8	2.11	94.3	2.13
	50	8.1	66.8	1.31	72.4	1.54	79.1	1.79	85.8	2.02	88.3	2.07	91.8	2.11	94.3	2.13
		10.2	66.8	1.29	72.4	1.51	79.1	1.76	85.8	1.98	88.3	2.04	91.8	2.08	94.3	2.10
		20.3	66.8	1.19	72.4	1.42	79.1	1.65	85.8	1.86	88.3	1.89	91.8	1.95	94.3	1.99
		25.4	66.8	1.16	72.4	1.38	79.1	1.62	85.8	1.81	88.3	1.86	91.8	1.91	94.3	1.94
		30.5	66.8	1.14	72.4	1.37	79.1	1.60	85.8	1.79	88.3	1.85	91.8	1.88	94.3	1.91
	59	8.1	65.8	1.73	71.3	2.01	77.7	2.35	84.4	2.65	86.9	2.71	90.3	2.77	92.8	2.81
		10.2	65.8	1.70	71.3	1.98	77.7	2.31	84.4	2.60	86.9	2.67	90.3	2.73	92.8	2.77
		20.3	65.8	1.56	71.3	1.86	77.7	2.16	84.4	2.43	86.9	2.49	90.3	2.56	92.8	2.61
		25.4	65.8	1.52	71.3	1.81	77.7	2.11	84.4	2.38	86.9	2.44	90.3	2.51	92.8	2.55
		30.5	65.8	1.50	71.3	1.79	77.7	2.09	84.4	2.36	86.9	2.42	90.3	2.48	92.8	2.52
	67	8.1	64.9	2.10	70.3	2.44	76.5	2.85	83.2	3.21	85.7	3.28	89.0	3.36	91.5	3.42
		10.2	64.9	2.06	70.3	2.40	76.5	2.80	83.2	3.15	85.7	3.23	89.0	3.31	91.5	3.37
		20.3	64.9	1.89	70.3	2.25	76.5	2.61	83.2	2.95	85.7	3.02	89.0	3.10	91.5	3.16
		25.4	64.9	1.84	70.3	2.19	76.5	2.56	83.2	2.89	85.7	2.96	89.0	3.04	91.5	3.09
		30.5	64.9	1.81	70.3	2.17	76.5	2.53	83.2	2.86	85.7	2.93	89.0	3.01	91.5	3.06
	75	8.1	64.9	2.59	70.3	3.01	76.5	3.50	83.2	3.95	85.7	4.05	89.0	4.14	91.5	4.21
		10.2	64.9	2.54	70.3	2.96	76.5	3.45	83.2	3.88	85.7	3.98	89.0	4.08	91.5	4.15
		20.3	64.9	2.34	70.3	2.77	76.5	3.23	83.2	3.63	85.7	3.72	89.0	3.82	91.5	3.90
		25.4	64.9	2.27	70.3	2.71	76.5	3.16	83.2	3.56	85.7	3.65	89.0	3.75	91.5	3.81
		30.5	64.9	2.24	70.3	2.68	76.5	3.13	83.2	3.53	85.7	3.62	89.0	3.71	91.5	3.77
	86	8.1	64.9	3.11	70.3	3.61	76.5	4.21	83.2	4.74	85.7	4.85	89.0	4.97	91.5	5.05
		10.2	64.9	3.05	70.3	3.55	76.5	4.14	83.2	4.67	85.7	4.77	89.0	4.90	91.5	4.98
		20.3	64.9	2.80	70.3	3.32	76.5	3.87	83.2	4.36	85.7	4.47	89.0	4.59	91.5	4.68
		25.4	64.9	2.73	70.3	3.25	76.5	3.79	83.2	4.27	85.7	4.39	89.0	4.50	91.5	4.58
		30.5	64.9	2.69	70.3	3.22	76.5	3.75	83.2	4.23	85.7	4.35	89.0	4.45	91.5	4.52
	95	8.1	58.4	3.15	63.2	3.66	68.9	4.25	74.9	4.80	77.1	4.90	80.1	5.03	82.3	5.12
		10.2	58.4	3.08	63.2	3.60	68.9	4.19	74.9	4.72	77.1	4.83	80.1	4.95	82.3	5.04
		20.3	58.4	2.83	63.2	3.36	68.9	3.92	74.9	4.41	77.1	4.52	80.1	4.64	82.3	4.73
		25.4	58.4	2.75	63.2	3.29	68.9	3.84	74.9	4.32	77.1	4.43	80.1	4.55	82.3	4.63
		30.5	58.4	2.71	63.2	3.25	68.9	3.80	74.9	4.27	77.1	4.39	80.1	4.51	82.3	4.58
	104	8.1	51.9	3.32	56.2	3.86	61.2	4.49	66.5	5.06	68.5	5.17	71.2	5.30	73.2	5.39
		10.2	51.9	3.25	56.2	3.79	61.2	4.42	66.5	4.98	68.5	5.09	71.2	5.22	73.2	5.31
		20.3	51.9	2.99	56.2	3.55	61.2	4.13	66.5	4.65	68.5	4.76	71.2	4.90	73.2	4.99
		25.4	51.9	2.91	56.2	3.47	61.2	4.04	66.5	4.56	68.5	4.67	71.2	4.80	73.2	4.88
		30.5	51.9	2.87	56.2	3.43	61.2	4.00	66.5	4.51	68.5	4.63	71.2	4.75	73.2	4.82
	113	8.1	45.4	3.49	49.2	4.06	53.5	4.72	58.1	5.32	59.9	5.45	62.3	5.57	64.1	5.67
		10.2	45.4	3.42	49.2	3.99	53.5	4.65	58.1	5.23	59.9	5.36	62.3	5.48	64.1	5.59
		20.3	45.4	3.14	49.2	3.73	53.5	4.35	58.1	4.89	59.9	5.00	62.3	5.15	64.1	5.26
		25.4	45.4	3.06	49.2	3.64	53.5	4.25	58.1	4.80	59.9	4.91	62.3	5.05	64.1	5.13
		30.5	45.4	3.02	49.2	3.60	53.5	4.20	58.1	4.75	59.9	4.87	62.3	4.99	64.1	5.06
120	23	5.3	63.3	1.25	68.6	1.45	74.6	1.70	81.2	1.91	83.7	1.97	86.9	2.01	89.3	2.04
	32	6.0	63.3	1.25	68.6	1.45	74.6	1.70	81.2	1.91	83.7	1.97	86.9	2.01	89.3	2.04
	41	6.9	63.3	1.25	68.6	1.45	74.6	1.70	81.2	1.91	83.7	1.97	86.9	2.01	89.3	2.04
	50	8.1	63.3	1.25	68.6	1.45	74.6	1.70	81.2	1.91	83.7	1.97	86.9	2.01	89.3	2.04
		10.2	63.3	1.23	68.6	1.42	74.6	1.67	81.2	1.88	83.7	1.93	86.9	1.97	89.3	2.01
		20.3	63.3	1.12	68.6	1.33	74.6	1.55	81.2	1.76	83.7	1.79	86.9	1.84	89.3	1.87
		25.4	63.3	1.11	68.6	1.30	74.6	1.54	81.2	1.72	83.7	1.76	86.9	1.81	89.3	1.84
		30.5	63.3	1.10	68.6	1.29	74.6	1.53	81.2	1.71	83.7	1.74	86.9	1.79	89.3	1.82
	59	8.1	62.6	1.66	67.8	1.92	73.8	2.25	80.3	2.53	82.7	2.59	85.9	2.66	88.3	2.70
		10.2	62.6	1.63	67.8	1.89	73.8	2.21	80.3	2.49	82.7	2.55	85.9	2.61	88.3	2.66
		20.3	62.6	1.49	67.8	1.77	73.8	2.06	80.3	2.33	82.7	2.38	85.9	2.44	88.3	2.49
		25.4	62.6	1.46	67.8	1.73	73.8	2.03	80.3	2.28	82.7	2.34	85.9	2.40	88.3	2.43
		30.5	62.6	1.44	67.8	1.72	73.8	2.01	80.3	2.26	82.7	2.32	85.9	2.38	88.3	2.41
	67	8.1	62.0	2.02	67.1	2.35	73.1	2.74	79.5	3.08	81.8	3.15	85.0	3.23	87.4	3.28
		10.2	62.0	1.98	67.1	2.31	73.1	2.69	79.5	3.03	81.8	3.10	85.0	3.18	87.4	3.23
		20.3	62.0	1.82	67.1	2.16	73.1	2.51	79.5	2.83	81.8	2.91	85.0	2.98	87.4	3.04
		25.4	62.0	1.77	67.1	2.11	73.1	2.46	79.5	2.78	81.8	2.85	85.0	2.92	87.4	2.97
		30.5	62.0	1.74	67.1	2.09	73.1	2.43	79.5	2.75	81.8	2.83	85.0	2.90	87.4	2.93

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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COOLING CAPACITY DATA

ARWN072BAS4, ARWB072BAS4

72,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
120	75	8.1	62.0	2.48	67.1	2.88	73.1	3.36	79.5	3.78	81.8	3.88	85.0	3.97	87.4	4.04
		10.2	62.0	2.43	67.1	2.83	73.1	3.31	79.5	3.72	81.8	3.81	85.0	3.91	87.4	3.98
		20.3	62.0	2.24	67.1	2.66	73.1	3.09	79.5	3.48	81.8	3.56	85.0	3.66	87.4	3.73
		25.4	62.0	2.18	67.1	2.59	73.1	3.03	79.5	3.41	81.8	3.50	85.0	3.59	87.4	3.64
		30.5	62.0	2.15	67.1	2.56	73.1	3.00	79.5	3.38	81.8	3.47	85.0	3.55	87.4	3.60
	86	8.1	62.0	3.00	67.1	3.49	73.1	4.06	79.5	4.58	81.8	4.69	85.0	4.80	87.4	4.88
		10.2	62.0	2.94	67.1	3.43	73.1	4.00	79.5	4.51	81.8	4.61	85.0	4.73	87.4	4.81
		20.3	62.0	2.71	67.1	3.21	73.1	3.74	79.5	4.21	81.8	4.31	85.0	4.43	87.4	4.51
		25.4	62.0	2.63	67.1	3.14	73.1	3.66	79.5	4.12	81.8	4.23	85.0	4.35	87.4	4.41
		30.5	62.0	2.59	67.1	3.10	73.1	3.62	79.5	4.08	81.8	4.19	85.0	4.31	87.4	4.35
	95	8.1	56.7	3.07	61.4	3.58	66.9	4.16	72.7	4.69	74.9	4.80	77.8	4.92	80.0	5.01
		10.2	56.7	3.01	61.4	3.52	66.9	4.10	72.7	4.61	74.9	4.73	77.8	4.84	80.0	4.93
		20.3	56.7	2.77	61.4	3.29	66.9	3.83	72.7	4.32	74.9	4.43	77.8	4.54	80.0	4.62
		25.4	56.7	2.70	61.4	3.22	66.9	3.75	72.7	4.23	74.9	4.34	77.8	4.45	80.0	4.51
		30.5	56.7	2.67	61.4	3.18	66.9	3.71	72.7	4.19	74.9	4.29	77.8	4.41	80.0	4.46
	104	8.1	51.5	3.31	55.7	3.85	60.7	4.48	66.0	5.05	67.9	5.17	70.6	5.29	72.6	5.39
		10.2	51.5	3.24	55.7	3.79	60.7	4.41	66.0	4.97	67.9	5.08	70.6	5.21	72.6	5.31
		20.3	51.5	2.99	55.7	3.54	60.7	4.12	66.0	4.65	67.9	4.75	70.6	4.88	72.6	4.98
		25.4	51.5	2.91	55.7	3.47	60.7	4.04	66.0	4.55	67.9	4.67	70.6	4.79	72.6	4.86
		30.5	51.5	2.87	55.7	3.43	60.7	4.00	66.0	4.50	67.9	4.62	70.6	4.75	72.6	4.80
	113	8.1	46.3	3.54	50.0	4.12	54.5	4.79	59.3	5.41	60.9	5.53	63.4	5.66	65.2	5.77
		10.2	46.3	3.47	50.0	4.05	54.5	4.72	59.3	5.32	60.9	5.44	63.4	5.57	65.2	5.68
		20.3	46.3	3.20	50.0	3.79	54.5	4.42	59.3	4.98	60.9	5.08	63.4	5.22	65.2	5.33
		25.4	46.3	3.11	50.0	3.71	54.5	4.34	59.3	4.87	60.9	4.99	63.4	5.13	65.2	5.21
		30.5	46.3	3.07	50.0	3.68	54.5	4.30	59.3	4.82	60.9	4.95	63.4	5.08	65.2	5.15
110	23	5.3	59.7	1.19	64.6	1.38	70.3	1.59	76.6	1.80	78.9	1.83	82.1	1.89	84.2	1.91
	32	6.0	59.7	1.19	64.6	1.38	70.3	1.59	76.6	1.80	78.9	1.83	82.1	1.89	84.2	1.91
	41	6.9	59.7	1.19	64.6	1.38	70.3	1.59	76.6	1.80	78.9	1.83	82.1	1.89	84.2	1.91
	50	8.1	59.7	1.19	64.6	1.38	70.3	1.59	76.6	1.80	78.9	1.83	82.1	1.89	84.2	1.91
		10.2	59.7	1.17	64.6	1.35	70.3	1.57	76.6	1.77	78.9	1.81	82.1	1.86	84.2	1.88
		20.3	59.7	1.07	64.6	1.26	70.3	1.47	76.6	1.66	78.9	1.71	82.1	1.73	84.2	1.76
		25.4	59.7	1.04	64.6	1.23	70.3	1.44	76.6	1.63	78.9	1.66	82.1	1.69	84.2	1.74
		30.5	59.7	1.02	64.6	1.22	70.3	1.42	76.6	1.61	78.9	1.64	82.1	1.68	84.2	1.73
	59	8.1	59.4	1.59	64.3	1.84	70.0	2.14	76.1	2.41	78.4	2.46	81.5	2.53	83.7	2.57
		10.2	59.4	1.56	64.3	1.81	70.0	2.11	76.1	2.37	78.4	2.43	81.5	2.49	83.7	2.53
		20.3	59.4	1.43	64.3	1.69	70.0	1.97	76.1	2.22	78.4	2.27	81.5	2.33	83.7	2.37
		25.4	59.4	1.39	64.3	1.65	70.0	1.93	76.1	2.18	78.4	2.23	81.5	2.28	83.7	2.32
		30.5	59.4	1.36	64.3	1.64	70.0	1.91	76.1	2.16	78.4	2.21	81.5	2.26	83.7	2.29
	67	8.1	59.1	1.94	64.0	2.26	69.7	2.63	75.7	2.95	78.0	3.03	81.0	3.10	83.3	3.16
		10.2	59.1	1.90	64.0	2.22	69.7	2.59	75.7	2.91	78.0	2.98	81.0	3.05	83.3	3.11
		20.3	59.1	1.75	64.0	2.07	69.7	2.42	75.7	2.72	78.0	2.78	81.0	2.86	83.3	2.91
		25.4	59.1	1.70	64.0	2.03	69.7	2.36	75.7	2.67	78.0	2.74	81.0	2.81	83.3	2.83
		30.5	59.1	1.67	64.0	2.00	69.7	2.34	75.7	2.64	78.0	2.71	81.0	2.78	83.3	2.79
	75	8.1	59.1	2.38	64.0	2.76	69.7	3.22	75.7	3.62	78.0	3.70	81.0	3.79	83.3	3.86
		10.2	59.1	2.33	64.0	2.72	69.7	3.16	75.7	3.56	78.0	3.64	81.0	3.73	83.3	3.80
		20.3	59.1	2.14	64.0	2.54	69.7	2.96	75.7	3.33	78.0	3.41	81.0	3.50	83.3	3.56
		25.4	59.1	2.08	64.0	2.49	69.7	2.90	75.7	3.26	78.0	3.35	81.0	3.43	83.3	3.47
		30.5	59.1	2.05	64.0	2.46	69.7	2.87	75.7	3.23	78.0	3.32	81.0	3.39	83.3	3.43
	86	8.1	59.1	2.89	64.0	3.37	69.7	3.92	75.7	4.42	78.0	4.52	81.0	4.63	83.3	4.71
		10.2	59.1	2.83	64.0	3.31	69.7	3.86	75.7	4.35	78.0	4.44	81.0	4.56	83.3	4.64
		20.3	59.1	2.61	64.0	3.09	69.7	3.61	75.7	4.06	78.0	4.16	81.0	4.27	83.3	4.35
		25.4	59.1	2.54	64.0	3.03	69.7	3.53	75.7	3.98	78.0	4.08	81.0	4.19	83.3	4.24
		30.5	59.1	2.51	64.0	3.00	69.7	3.49	75.7	3.94	78.0	4.04	81.0	4.15	83.3	4.19
	95	8.1	55.0	3.01	59.6	3.50	64.9	4.07	70.6	4.59	72.7	4.69	75.5	4.81	77.6	4.90
		10.2	55.0	2.95	59.6	3.44	64.9	4.01	70.6	4.51	72.7	4.62	75.5	4.74	77.6	4.83
		20.3	55.0	2.71	59.6	3.22	64.9	3.75	70.6	4.22	72.7	4.33	75.5	4.43	77.6	4.51
		25.4	55.0	2.64	59.6	3.15	64.9	3.67	70.6	4.14	72.7	4.24	75.5	4.35	77.6	4.41
		30.5	55.0	2.60	59.6	3.11	64.9	3.63	70.6	4.10	72.7	4.19	75.5	4.31	77.6	4.35

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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COOLING CAPACITY DATA

ARWN072BAS4, ARWB072BAS4

72,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
110	104	8.1	51.0	3.31	55.2	3.84	60.2	4.48	65.4	5.04	67.3	5.16	70.0	5.28	71.9	5.38
		10.2	51.0	3.24	55.2	3.78	60.2	4.41	65.4	4.96	67.3	5.07	70.0	5.20	71.9	5.30
		20.3	51.0	2.98	55.2	3.54	60.2	4.11	65.4	4.64	67.3	4.75	70.0	4.87	71.9	4.97
		25.4	51.0	2.90	55.2	3.46	60.2	4.03	65.4	4.55	67.3	4.66	70.0	4.78	71.9	4.84
		30.5	51.0	2.86	55.2	3.42	60.2	3.99	65.4	4.51	67.3	4.61	70.0	4.74	71.9	4.78
	113	8.1	47.0	3.61	50.8	4.18	55.5	4.89	60.2	5.49	61.9	5.62	64.5	5.75	66.2	5.85
		10.2	47.0	3.54	50.8	4.11	55.5	4.81	60.2	5.40	61.9	5.53	64.5	5.66	66.2	5.77
		20.3	47.0	3.24	50.8	3.86	55.5	4.48	60.2	5.06	61.9	5.16	64.5	5.31	66.2	5.42
		25.4	47.0	3.15	50.8	3.77	55.5	4.40	60.2	4.96	61.9	5.07	64.5	5.21	66.2	5.28
		30.5	47.0	3.11	50.8	3.72	55.5	4.36	60.2	4.91	61.9	5.03	64.5	5.16	66.2	5.21
100	23	5.3	56.2	1.11	60.8	1.30	66.2	1.50	72.0	1.68	74.2	1.72	77.0	1.78	79.2	1.82
	32	6.0	56.2	1.11	60.8	1.30	66.2	1.50	72.0	1.68	74.2	1.72	77.0	1.78	79.2	1.82
	41	6.9	56.2	1.11	60.8	1.30	66.2	1.50	72.0	1.68	74.2	1.72	77.0	1.78	79.2	1.82
	50	8.1	56.2	1.11	60.8	1.30	66.2	1.50	72.0	1.68	74.2	1.72	77.0	1.78	79.2	1.82
		10.2	56.2	1.09	60.8	1.27	66.2	1.48	72.0	1.66	74.2	1.70	77.0	1.75	79.2	1.79
		20.3	56.2	1.00	60.8	1.18	66.2	1.39	72.0	1.57	74.2	1.61	77.0	1.64	79.2	1.66
		25.4	56.2	0.98	60.8	1.15	66.2	1.36	72.0	1.52	74.2	1.56	77.0	1.61	79.2	1.63
		30.5	56.2	0.98	60.8	1.14	66.2	1.35	72.0	1.50	74.2	1.54	77.0	1.59	79.2	1.62
	59	8.1	56.2	1.50	60.8	1.75	66.2	2.04	72.0	2.29	74.2	2.35	77.0	2.41	79.2	2.46
		10.2	56.2	1.48	60.8	1.72	66.2	2.01	72.0	2.26	74.2	2.31	77.0	2.37	79.2	2.42
		20.3	56.2	1.36	60.8	1.61	66.2	1.88	72.0	2.11	74.2	2.17	77.0	2.22	79.2	2.26
		25.4	56.2	1.32	60.8	1.57	66.2	1.84	72.0	2.07	74.2	2.12	77.0	2.18	79.2	2.20
		30.5	56.2	1.31	60.8	1.56	66.2	1.82	72.0	2.05	74.2	2.10	77.0	2.16	79.2	2.18
	67	8.1	56.2	1.86	60.8	2.16	66.2	2.52	72.0	2.84	74.2	2.90	77.0	2.97	79.2	3.02
		10.2	56.2	1.82	60.8	2.12	66.2	2.48	72.0	2.79	74.2	2.85	77.0	2.92	79.2	2.98
		20.3	56.2	1.68	60.8	1.99	66.2	2.31	72.0	2.60	74.2	2.67	77.0	2.74	79.2	2.79
		25.4	56.2	1.63	60.8	1.95	66.2	2.27	72.0	2.56	74.2	2.62	77.0	2.68	79.2	2.71
		30.5	56.2	1.60	60.8	1.92	66.2	2.24	72.0	2.54	74.2	2.60	77.0	2.66	79.2	2.67
	75	8.1	56.2	2.27	60.8	2.64	66.2	3.07	72.0	3.46	74.2	3.54	77.0	3.62	79.2	3.70
		10.2	56.2	2.22	60.8	2.59	66.2	3.02	72.0	3.40	74.2	3.48	77.0	3.56	79.2	3.63
		20.3	56.2	2.04	60.8	2.43	66.2	2.83	72.0	3.18	74.2	3.25	77.0	3.34	79.2	3.39
		25.4	56.2	1.99	60.8	2.37	66.2	2.76	72.0	3.12	74.2	3.19	77.0	3.28	79.2	3.31
		30.5	56.2	1.96	60.8	2.35	66.2	2.73	72.0	3.09	74.2	3.16	77.0	3.25	79.2	3.26
	86	8.1	56.2	2.79	60.8	3.24	66.2	3.78	72.0	4.26	74.2	4.36	77.0	4.46	79.2	4.54
		10.2	56.2	2.74	60.8	3.19	66.2	3.71	72.0	4.19	74.2	4.28	77.0	4.39	79.2	4.47
		20.3	56.2	2.51	60.8	2.98	66.2	3.47	72.0	3.91	74.2	4.00	77.0	4.11	79.2	4.18
		25.4	56.2	2.44	60.8	2.91	66.2	3.40	72.0	3.83	74.2	3.93	77.0	4.03	79.2	4.07
		30.5	56.2	2.41	60.8	2.88	66.2	3.37	72.0	3.79	74.2	3.89	77.0	3.99	79.2	4.02
	95	8.1	53.4	2.95	57.8	3.42	62.9	3.98	68.4	4.49	70.5	4.60	73.2	4.70	75.2	4.79
		10.2	53.4	2.89	57.8	3.37	62.9	3.92	68.4	4.42	70.5	4.52	73.2	4.63	75.2	4.71
		20.3	53.4	2.66	57.8	3.15	62.9	3.66	68.4	4.12	70.5	4.23	73.2	4.34	75.2	4.41
		25.4	53.4	2.58	57.8	3.08	62.9	3.59	68.4	4.04	70.5	4.15	73.2	4.26	75.2	4.29
		30.5	53.4	2.54	57.8	3.05	62.9	3.55	68.4	4.00	70.5	4.11	73.2	4.22	75.2	4.23
	104	8.1	50.5	3.30	54.7	3.84	59.6	4.47	64.8	5.03	66.7	5.16	69.3	5.28	71.3	5.37
		10.2	50.5	3.23	54.7	3.78	59.6	4.40	64.8	4.95	66.7	5.07	69.3	5.20	71.3	5.29
		20.3	50.5	2.98	54.7	3.53	59.6	4.11	64.8	4.63	66.7	4.74	69.3	4.86	71.3	4.95
		25.4	50.5	2.90	54.7	3.46	59.6	4.03	64.8	4.54	66.7	4.66	69.3	4.77	71.3	4.82
		30.5	50.5	2.86	54.7	3.42	59.6	3.98	64.8	4.50	66.7	4.62	69.3	4.73	71.3	4.75
	113	8.1	47.6	3.65	51.6	4.26	56.3	4.96	61.2	5.57	62.9	5.72	65.4	5.86	67.4	5.96
		10.2	47.6	3.58	51.6	4.19	56.3	4.88	61.2	5.48	62.9	5.63	65.4	5.77	67.4	5.87
		20.3	47.6	3.30	51.6	3.91	56.3	4.57	61.2	5.14	62.9	5.24	65.4	5.39	67.4	5.49
		25.4	47.6	3.22	51.6	3.83	56.3	4.46	61.2	5.04	62.9	5.16	65.4	5.29	67.4	5.34
		30.5	47.6	3.18	51.6	3.79	56.3	4.41	61.2	4.99	62.9	5.12	65.4	5.24	67.4	5.27
90	23	5.3	50.5	0.96	54.7	1.11	59.6	1.28	64.8	1.46	66.7	1.49	69.3	1.54	71.3	1.57
	32	6.0	50.5	0.96	54.7	1.11	59.6	1.28	64.8	1.46	66.7	1.49	69.3	1.54	71.3	1.57
	41	6.9	50.5	0.96	54.7	1.11	59.6	1.28	64.8	1.46	66.7	1.49	69.3	1.54	71.3	1.57
	50	8.1	50.5	0.96	54.7	1.11	59.6	1.28	64.8	1.46	66.7	1.49	69.3	1.54	71.3	1.57
		10.2	50.5	0.94	54.7	1.09	59.6	1.26	64.8	1.44	66.7	1.47	69.3	1.51	71.3	1.54
		20.3	50.5	0.87	54.7	1.03	59.6	1.20	64.8	1.35	66.7	1.38	69.3	1.41	71.3	1.44
		25.4	50.5	0.84	54.7	1.01	59.6	1.16	64.8	1.32	66.7	1.35	69.3	1.39	71.3	1.39
		30.5	50.5	0.82	54.7	1.00	59.6	1.14	64.8	1.30	66.7	1.34	69.3	1.37	71.3	1.37

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

Performance Data

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COOLING CAPACITY DATA

ARWN072BAS4, ARWB072BAS4

72,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

MULTI V WATER IV

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
90	59	8.1	50.5	1.30	54.7	1.51	59.6	1.75	64.8	1.98	66.7	2.02	69.3	2.08	71.3	2.11
		10.2	50.5	1.27	54.7	1.48	59.6	1.72	64.8	1.95	66.7	1.99	69.3	2.04	71.3	2.08
		20.3	50.5	1.17	54.7	1.39	59.6	1.62	64.8	1.82	66.7	1.87	69.3	1.91	71.3	1.95
		25.4	50.5	1.14	54.7	1.36	59.6	1.58	64.8	1.79	66.7	1.83	69.3	1.88	71.3	1.89
		30.5	50.5	1.12	54.7	1.35	59.6	1.56	64.8	1.77	66.7	1.81	69.3	1.86	71.3	1.87
	67	8.1	50.5	1.60	54.7	1.86	59.6	2.17	64.8	2.44	66.7	2.49	69.3	2.56	71.3	2.60
		10.2	50.5	1.56	54.7	1.83	59.6	2.13	64.8	2.40	66.7	2.45	69.3	2.51	71.3	2.56
		20.3	50.5	1.44	54.7	1.71	59.6	1.99	64.8	2.24	66.7	2.30	69.3	2.35	71.3	2.40
		25.4	50.5	1.40	54.7	1.67	59.6	1.96	64.8	2.20	66.7	2.26	69.3	2.31	71.3	2.34
		30.5	50.5	1.39	54.7	1.65	59.6	1.94	64.8	2.19	66.7	2.24	69.3	2.29	71.3	2.31
	75	8.1	50.5	1.95	54.7	2.27	59.6	2.64	64.8	2.97	66.7	3.04	69.3	3.12	71.3	3.18
		10.2	50.5	1.91	54.7	2.23	59.6	2.59	64.8	2.92	66.7	2.99	69.3	3.07	71.3	3.13
		20.3	50.5	1.76	54.7	2.09	59.6	2.43	64.8	2.74	66.7	2.80	69.3	2.87	71.3	2.92
		25.4	50.5	1.71	54.7	2.04	59.6	2.38	64.8	2.68	66.7	2.75	69.3	2.82	71.3	2.85
		30.5	50.5	1.68	54.7	2.02	59.6	2.36	64.8	2.66	66.7	2.72	69.3	2.79	71.3	2.82
	86	8.1	50.5	2.40	54.7	2.79	59.6	3.25	64.8	3.66	66.7	3.75	69.3	3.84	71.3	3.91
		10.2	50.5	2.35	54.7	2.75	59.6	3.20	64.8	3.60	66.7	3.69	69.3	3.78	71.3	3.85
		20.3	50.5	2.16	54.7	2.57	59.6	2.99	64.8	3.37	66.7	3.45	69.3	3.54	71.3	3.60
		25.4	50.5	2.11	54.7	2.51	59.6	2.92	64.8	3.30	66.7	3.39	69.3	3.47	71.3	3.50
		30.5	50.5	2.08	54.7	2.49	59.6	2.89	64.8	3.26	66.7	3.35	69.3	3.43	71.3	3.45
	95	8.1	49.1	2.59	53.2	3.01	58.0	3.50	63.0	3.95	64.9	4.04	67.4	4.14	69.3	4.22
		10.2	49.1	2.54	53.2	2.96	58.0	3.45	63.0	3.88	64.9	3.97	67.4	4.07	69.3	4.15
		20.3	49.1	2.34	53.2	2.77	58.0	3.23	63.0	3.63	64.9	3.71	67.4	3.81	69.3	3.88
		25.4	49.1	2.27	53.2	2.71	58.0	3.15	63.0	3.56	64.9	3.65	67.4	3.74	69.3	3.78
		30.5	49.1	2.23	53.2	2.68	58.0	3.12	63.0	3.53	64.9	3.62	67.4	3.71	69.3	3.72
	104	8.1	47.7	2.97	51.7	3.46	56.3	4.03	61.2	4.54	63.0	4.64	65.5	4.76	67.3	4.84
		10.2	47.7	2.91	51.7	3.40	56.3	3.96	61.2	4.46	63.0	4.57	65.5	4.68	67.3	4.76
		20.3	47.7	2.68	51.7	3.18	56.3	3.71	61.2	4.17	63.0	4.27	65.5	4.38	67.3	4.46
		25.4	47.7	2.60	51.7	3.11	56.3	3.63	61.2	4.09	63.0	4.19	65.5	4.30	67.3	4.35
		30.5	47.7	2.56	51.7	3.07	56.3	3.59	61.2	4.05	63.0	4.15	65.5	4.26	67.3	4.29
	113	8.1	46.3	3.35	50.2	3.91	54.6	4.55	59.4	5.12	61.1	5.25	63.6	5.38	65.3	5.46
		10.2	46.3	3.29	50.2	3.85	54.6	4.48	59.4	5.04	61.1	5.16	63.6	5.30	65.3	5.38
		20.3	46.3	3.03	50.2	3.59	54.6	4.19	59.4	4.70	61.1	4.83	63.6	4.95	65.3	5.04
		25.4	46.3	2.94	50.2	3.51	54.6	4.10	59.4	4.61	61.1	4.74	63.6	4.86	65.3	4.91
		30.5	46.3	2.90	50.2	3.47	54.6	4.05	59.4	4.57	61.1	4.69	63.6	4.82	65.3	4.85
80	23	5.3	44.9	0.80	48.7	0.93	53.0	1.09	57.6	1.24	59.3	1.25	61.6	1.30	63.4	1.30
	32	6.0	44.9	0.80	48.7	0.93	53.0	1.09	57.6	1.24	59.3	1.25	61.6	1.30	63.4	1.30
	41	6.9	44.9	0.80	48.7	0.93	53.0	1.09	57.6	1.24	59.3	1.25	61.6	1.30	63.4	1.30
	50	8.1	44.9	0.80	48.7	0.93	53.0	1.09	57.6	1.24	59.3	1.25	61.6	1.30	63.4	1.30
		10.2	44.9	0.79	48.7	0.91	53.0	1.07	57.6	1.22	59.3	1.23	61.6	1.28	63.4	1.28
		20.3	44.9	0.72	48.7	0.86	53.0	0.99	57.6	1.13	59.3	1.15	61.6	1.18	63.4	1.20
		25.4	44.9	0.70	48.7	0.84	53.0	0.97	57.6	1.09	59.3	1.12	61.6	1.16	63.4	1.18
		30.5	44.9	0.69	48.7	0.82	53.0	0.97	57.6	1.08	59.3	1.10	61.6	1.15	63.4	1.17
	59	8.1	44.9	1.09	48.7	1.26	53.0	1.47	57.6	1.66	59.3	1.70	61.6	1.74	63.4	1.77
		10.2	44.9	1.07	48.7	1.24	53.0	1.45	57.6	1.64	59.3	1.67	61.6	1.72	63.4	1.74
		20.3	44.9	0.98	48.7	1.16	53.0	1.35	57.6	1.53	59.3	1.56	61.6	1.60	63.4	1.63
		25.4	44.9	0.95	48.7	1.14	53.0	1.32	57.6	1.49	59.3	1.53	61.6	1.57	63.4	1.59
		30.5	44.9	0.94	48.7	1.12	53.0	1.31	57.6	1.48	59.3	1.51	61.6	1.56	63.4	1.57
	67	8.1	44.9	1.34	48.7	1.56	53.0	1.82	57.6	2.04	59.3	2.10	61.6	2.14	63.4	2.19
		10.2	44.9	1.32	48.7	1.54	53.0	1.79	57.6	2.01	59.3	2.06	61.6	2.11	63.4	2.15
		20.3	44.9	1.21	48.7	1.43	53.0	1.67	57.6	1.88	59.3	1.93	61.6	1.97	63.4	2.01
		25.4	44.9	1.17	48.7	1.40	53.0	1.64	57.6	1.85	59.3	1.89	61.6	1.94	63.4	1.96
		30.5	44.9	1.16	48.7	1.39	53.0	1.62	57.6	1.83	59.3	1.88	61.6	1.92	63.4	1.93
	75	8.1	44.9	1.63	48.7	1.90	53.0	2.21	57.6	2.49	59.3	2.56	61.6	2.62	63.4	2.66
		10.2	44.9	1.60	48.7	1.87	53.0	2.18	57.6	2.45	59.3	2.51	61.6	2.58	63.4	2.62
		20.3	44.9	1.48	48.7	1.75	53.0	2.03	57.6	2.29	59.3	2.35	61.6	2.41	63.4	2.45
		25.4	44.9	1.43	48.7	1.72	53.0	2.00	57.6	2.25	59.3	2.30	61.6	2.36	63.4	2.39
		30.5	44.9	1.41	48.7	1.70	53.0	1.98	57.6	2.23	59.3	2.28	61.6	2.34	63.4	2.36

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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MULTI V WATER IV

COOLING CAPACITY DATA

ARWN072BAS4, ARWB072BAS4

72,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
80	86	8.1	44.9	2.01	48.7	2.34	53.0	2.73	57.6	3.07	59.3	3.14	61.6	3.22	63.4	3.28
		10.2	44.9	1.97	48.7	2.30	53.0	2.68	57.6	3.02	59.3	3.09	61.6	3.16	63.4	3.23
		20.3	44.9	1.81	48.7	2.15	53.0	2.51	57.6	2.82	59.3	2.89	61.6	2.96	63.4	3.01
		25.4	44.9	1.76	48.7	2.11	53.0	2.45	57.6	2.76	59.3	2.83	61.6	2.91	63.4	2.93
		30.5	44.9	1.73	48.7	2.08	53.0	2.43	57.6	2.74	59.3	2.81	61.6	2.88	63.4	2.89
	95	8.1	44.9	2.24	48.7	2.60	53.0	3.03	57.6	3.40	59.3	3.49	61.6	3.58	63.4	3.64
		10.2	44.9	2.19	48.7	2.56	53.0	2.98	57.6	3.35	59.3	3.43	61.6	3.52	63.4	3.58
		20.3	44.9	2.02	48.7	2.39	53.0	2.78	57.6	3.14	59.3	3.21	61.6	3.29	63.4	3.35
		25.4	44.9	1.96	48.7	2.34	53.0	2.73	57.6	3.07	59.3	3.15	61.6	3.23	63.4	3.26
		30.5	44.9	1.94	48.7	2.31	53.0	2.70	57.6	3.04	59.3	3.11	61.6	3.21	63.4	3.22
	104	8.1	44.9	2.65	48.7	3.08	53.0	3.59	57.6	4.04	59.3	4.13	61.6	4.24	63.4	4.31
		10.2	44.9	2.59	48.7	3.03	53.0	3.53	57.6	3.97	59.3	4.06	61.6	4.17	63.4	4.24
		20.3	44.9	2.39	48.7	2.83	53.0	3.30	57.6	3.71	59.3	3.80	61.6	3.90	63.4	3.97
		25.4	44.9	2.32	48.7	2.77	53.0	3.23	57.6	3.64	59.3	3.73	61.6	3.82	63.4	3.87
		30.5	44.9	2.28	48.7	2.75	53.0	3.19	57.6	3.61	59.3	3.70	61.6	3.78	63.4	3.81
	113	8.1	44.9	3.05	48.7	3.56	53.0	4.15	57.6	4.67	59.3	4.77	61.6	4.89	63.4	4.97
		10.2	44.9	2.99	48.7	3.50	53.0	4.08	57.6	4.59	59.3	4.69	61.6	4.82	63.4	4.90
		20.3	44.9	2.76	48.7	3.26	53.0	3.81	57.6	4.29	59.3	4.40	61.6	4.51	63.4	4.59
		25.4	44.9	2.67	48.7	3.21	53.0	3.72	57.6	4.21	59.3	4.32	61.6	4.41	63.4	4.47
		30.5	44.9	2.63	48.7	3.18	53.0	3.68	57.6	4.17	59.3	4.28	61.6	4.35	63.4	4.41
70	23	5.3	39.3	0.67	42.6	0.77	46.4	0.91	50.4	1.03	51.9	1.03	53.9	1.07	55.4	1.08
	32	6.0	39.3	0.67	42.6	0.77	46.4	0.91	50.4	1.03	51.9	1.03	53.9	1.07	55.4	1.08
	41	6.9	39.3	0.67	42.6	0.77	46.4	0.91	50.4	1.03	51.9	1.03	53.9	1.07	55.4	1.08
	50	8.1	39.3	0.67	42.6	0.77	46.4	0.91	50.4	1.03	51.9	1.03	53.9	1.07	55.4	1.08
		10.2	39.3	0.66	42.6	0.76	46.4	0.90	50.4	1.01	51.9	1.02	53.9	1.05	55.4	1.07
		20.3	39.3	0.61	42.6	0.72	46.4	0.84	50.4	0.94	51.9	0.96	53.9	0.98	55.4	1.01
		25.4	39.3	0.58	42.6	0.69	46.4	0.81	50.4	0.91	51.9	0.93	53.9	0.97	55.4	0.98
		30.5	39.3	0.57	42.6	0.68	46.4	0.80	50.4	0.90	51.9	0.92	53.9	0.96	55.4	0.97
	59	8.1	39.3	0.91	42.6	1.05	46.4	1.23	50.4	1.38	51.9	1.41	53.9	1.44	55.4	1.47
		10.2	39.3	0.89	42.6	1.03	46.4	1.21	50.4	1.36	51.9	1.39	53.9	1.42	55.4	1.45
		20.3	39.3	0.82	42.6	0.97	46.4	1.13	50.4	1.27	51.9	1.30	53.9	1.33	55.4	1.36
		25.4	39.3	0.79	42.6	0.94	46.4	1.10	50.4	1.24	51.9	1.27	53.9	1.31	55.4	1.32
		30.5	39.3	0.78	42.6	0.93	46.4	1.09	50.4	1.23	51.9	1.26	53.9	1.29	55.4	1.31
	67	8.1	39.3	1.12	42.6	1.29	46.4	1.51	50.4	1.70	51.9	1.74	53.9	1.78	55.4	1.82
		10.2	39.3	1.09	42.6	1.27	46.4	1.48	50.4	1.67	51.9	1.72	53.9	1.75	55.4	1.79
		20.3	39.3	1.00	42.6	1.19	46.4	1.39	50.4	1.56	51.9	1.60	53.9	1.64	55.4	1.67
		25.4	39.3	0.98	42.6	1.16	46.4	1.36	50.4	1.54	51.9	1.57	53.9	1.61	55.4	1.63
		30.5	39.3	0.96	42.6	1.15	46.4	1.35	50.4	1.52	51.9	1.56	53.9	1.59	55.4	1.60
	75	8.1	39.3	1.36	42.6	1.58	46.4	1.84	50.4	2.08	51.9	2.12	53.9	2.18	55.4	2.21
		10.2	39.3	1.33	42.6	1.56	46.4	1.81	50.4	2.04	51.9	2.09	53.9	2.14	55.4	2.18
		20.3	39.3	1.23	42.6	1.46	46.4	1.70	50.4	1.91	51.9	1.96	53.9	2.00	55.4	2.03
		25.4	39.3	1.19	42.6	1.42	46.4	1.66	50.4	1.87	51.9	1.92	53.9	1.96	55.4	1.98
		30.5	39.3	1.17	42.6	1.40	46.4	1.64	50.4	1.84	51.9	1.90	53.9	1.95	55.4	1.96
	86	8.1	39.3	1.68	42.6	1.94	46.4	2.27	50.4	2.55	51.9	2.61	53.9	2.67	55.4	2.72
		10.2	39.3	1.64	42.6	1.91	46.4	2.23	50.4	2.51	51.9	2.57	53.9	2.63	55.4	2.67
		20.3	39.3	1.51	42.6	1.79	46.4	2.08	50.4	2.35	51.9	2.40	53.9	2.46	55.4	2.51
		25.4	39.3	1.47	42.6	1.75	46.4	2.04	50.4	2.30	51.9	2.35	53.9	2.42	55.4	2.44
		30.5	39.3	1.44	42.6	1.73	46.4	2.03	50.4	2.28	51.9	2.33	53.9	2.39	55.4	2.41
	95	8.1	39.3	1.86	42.6	2.16	46.4	2.52	50.4	2.84	51.9	2.90	53.9	2.97	55.4	3.02
		10.2	39.3	1.82	42.6	2.12	46.4	2.48	50.4	2.79	51.9	2.85	53.9	2.92	55.4	2.98
		20.3	39.3	1.68	42.6	1.99	46.4	2.31	50.4	2.60	51.9	2.67	53.9	2.74	55.4	2.79
		25.4	39.3	1.63	42.6	1.95	46.4	2.27	50.4	2.56	51.9	2.62	53.9	2.68	55.4	2.71
		30.5	39.3	1.60	42.6	1.92	46.4	2.24	50.4	2.54	51.9	2.60	53.9	2.66	55.4	2.67
	104	8.1	39.3	2.20	42.6	2.56	46.4	2.98	50.4	3.35	51.9	3.43	53.9	3.52	55.4	3.59
		10.2	39.3	2.16	42.6	2.51	46.4	2.93	50.4	3.30	51.9	3.38	53.9	3.47	55.4	3.53
		20.3	39.3	1.98	42.6	2.35	46.4	2.74	50.4	3.08	51.9	3.16	53.9	3.24	55.4	3.30
		25.4	39.3	1.93	42.6	2.30	46.4	2.68	50.4	3.03	51.9	3.10	53.9	3.18	55.4	3.22
		30.5	39.3	1.90	42.6	2.28	46.4	2.66	50.4	3.00	51.9	3.07	53.9	3.15	55.4	3.18

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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COOLING CAPACITY DATA

ARWN072BAS4, ARWB072BAS4

72,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

MULTI V WATER IV

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
70	113	8.1	39.3	2.55	42.6	2.95	46.4	3.44	50.4	3.86	51.9	3.96	53.9	4.07	55.4	4.15
		10.2	39.3	2.50	42.6	2.91	46.4	3.39	50.4	3.80	51.9	3.90	53.9	4.01	55.4	4.08
		20.3	39.3	2.28	42.6	2.72	46.4	3.16	50.4	3.56	51.9	3.66	53.9	3.75	55.4	3.80
		25.4	39.3	2.23	42.6	2.66	46.4	3.10	50.4	3.50	51.9	3.58	53.9	3.68	55.4	3.72
		30.5	39.3	2.20	42.6	2.63	46.4	3.07	50.4	3.47	51.9	3.54	53.9	3.64	55.4	3.68
60	23	5.3	33.7	0.54	36.5	0.63	39.7	0.72	43.2	0.82	44.5	0.84	46.2	0.87	47.5	0.87
	32	6.0	33.7	0.54	36.5	0.63	39.7	0.72	43.2	0.82	44.5	0.84	46.2	0.87	47.5	0.87
	41	6.9	33.7	0.54	36.5	0.63	39.7	0.72	43.2	0.82	44.5	0.84	46.2	0.87	47.5	0.87
	50	8.1	33.7	0.54	36.5	0.63	39.7	0.72	43.2	0.82	44.5	0.84	46.2	0.87	47.5	0.87
		10.2	33.7	0.53	36.5	0.62	39.7	0.71	43.2	0.80	44.5	0.82	46.2	0.85	47.5	0.86
		20.3	33.7	0.48	36.5	0.57	39.7	0.66	43.2	0.75	44.5	0.75	46.2	0.78	47.5	0.80
		25.4	33.7	0.46	36.5	0.56	39.7	0.65	43.2	0.74	44.5	0.74	46.2	0.76	47.5	0.77
		30.5	33.7	0.45	36.5	0.55	39.7	0.65	43.2	0.73	44.5	0.74	46.2	0.75	47.5	0.75
	59	8.1	33.7	0.73	36.5	0.84	39.7	0.98	43.2	1.10	44.5	1.13	46.2	1.16	47.5	1.17
		10.2	33.7	0.71	36.5	0.83	39.7	0.96	43.2	1.08	44.5	1.11	46.2	1.14	47.5	1.16
		20.3	33.7	0.65	36.5	0.77	39.7	0.90	43.2	1.01	44.5	1.03	46.2	1.06	47.5	1.08
		25.4	33.7	0.63	36.5	0.76	39.7	0.88	43.2	1.00	44.5	1.01	46.2	1.04	47.5	1.05
		30.5	33.7	0.62	36.5	0.75	39.7	0.87	43.2	0.99	44.5	1.00	46.2	1.03	47.5	1.03
	67	8.1	33.7	0.89	36.5	1.03	39.7	1.20	43.2	1.36	44.5	1.39	46.2	1.42	47.5	1.44
		10.2	33.7	0.87	36.5	1.01	39.7	1.18	43.2	1.33	44.5	1.37	46.2	1.40	47.5	1.42
		20.3	33.7	0.80	36.5	0.95	39.7	1.11	43.2	1.24	44.5	1.28	46.2	1.31	47.5	1.33
		25.4	33.7	0.78	36.5	0.93	39.7	1.08	43.2	1.23	44.5	1.25	46.2	1.29	47.5	1.30
		30.5	33.7	0.77	36.5	0.92	39.7	1.07	43.2	1.22	44.5	1.24	46.2	1.28	47.5	1.28
	75	8.1	33.7	1.09	36.5	1.26	39.7	1.46	43.2	1.65	44.5	1.69	46.2	1.73	47.5	1.76
		10.2	33.7	1.07	36.5	1.24	39.7	1.44	43.2	1.63	44.5	1.66	46.2	1.71	47.5	1.73
		20.3	33.7	0.98	36.5	1.16	39.7	1.35	43.2	1.52	44.5	1.56	46.2	1.60	47.5	1.63
		25.4	33.7	0.95	36.5	1.14	39.7	1.32	43.2	1.49	44.5	1.53	46.2	1.56	47.5	1.58
		30.5	33.7	0.94	36.5	1.13	39.7	1.31	43.2	1.48	44.5	1.52	46.2	1.55	47.5	1.56
	86	8.1	33.7	1.33	36.5	1.56	39.7	1.81	43.2	2.03	44.5	2.08	46.2	2.13	47.5	2.17
		10.2	33.7	1.31	36.5	1.53	39.7	1.78	43.2	2.00	44.5	2.04	46.2	2.10	47.5	2.13
		20.3	33.7	1.20	36.5	1.42	39.7	1.66	43.2	1.87	44.5	1.91	46.2	1.96	47.5	2.00
		25.4	33.7	1.17	36.5	1.40	39.7	1.63	43.2	1.83	44.5	1.88	46.2	1.93	47.5	1.95
		30.5	33.7	1.16	36.5	1.38	39.7	1.61	43.2	1.81	44.5	1.86	46.2	1.91	47.5	1.92
	95	8.1	33.7	1.48	36.5	1.73	39.7	2.00	43.2	2.26	44.5	2.31	46.2	2.36	47.5	2.41
		10.2	33.7	1.45	36.5	1.70	39.7	1.97	43.2	2.22	44.5	2.27	46.2	2.33	47.5	2.37
		20.3	33.7	1.33	36.5	1.58	39.7	1.85	43.2	2.08	44.5	2.12	46.2	2.19	47.5	2.22
		25.4	33.7	1.30	36.5	1.55	39.7	1.80	43.2	2.03	44.5	2.09	46.2	2.14	47.5	2.16
		30.5	33.7	1.28	36.5	1.53	39.7	1.78	43.2	2.01	44.5	2.07	46.2	2.12	47.5	2.13
	104	8.1	33.7	1.76	36.5	2.04	39.7	2.38	43.2	2.67	44.5	2.74	46.2	2.81	47.5	2.85
		10.2	33.7	1.72	36.5	2.01	39.7	2.34	43.2	2.63	44.5	2.69	46.2	2.76	47.5	2.81
		20.3	33.7	1.58	36.5	1.88	39.7	2.19	43.2	2.46	44.5	2.51	46.2	2.59	47.5	2.63
		25.4	33.7	1.54	36.5	1.84	39.7	2.14	43.2	2.41	44.5	2.47	46.2	2.53	47.5	2.56
		30.5	33.7	1.52	36.5	1.82	39.7	2.12	43.2	2.38	44.5	2.45	46.2	2.51	47.5	2.52
	113	8.1	33.7	2.04	36.5	2.36	39.7	2.75	43.2	3.09	44.5	3.16	46.2	3.25	47.5	3.30
		10.2	33.7	2.00	36.5	2.32	39.7	2.70	43.2	3.04	44.5	3.11	46.2	3.20	47.5	3.24
		20.3	33.7	1.83	36.5	2.17	39.7	2.52	43.2	2.84	44.5	2.91	46.2	2.99	47.5	3.04
		25.4	33.7	1.78	36.5	2.13	39.7	2.48	43.2	2.78	44.5	2.85	46.2	2.92	47.5	2.96
		30.5	33.7	1.75	36.5	2.12	39.7	2.46	43.2	2.75	44.5	2.83	46.2	2.89	47.5	2.92
50	23	5.3	28.1	0.39	30.4	0.46	33.1	0.55	36.0	0.61	37.1	0.61	38.5	0.64	39.6	0.65
	32	6.0	28.1	0.39	30.4	0.46	33.1	0.55	36.0	0.61	37.1	0.61	38.5	0.64	39.6	0.65
	41	6.9	28.1	0.39	30.4	0.46	33.1	0.55	36.0	0.61	37.1	0.61	38.5	0.64	39.6	0.65
	50	8.1	28.1	0.39	30.4	0.46	33.1	0.55	36.0	0.61	37.1	0.61	38.5	0.64	39.6	0.65
		10.2	28.1	0.38	30.4	0.45	33.1	0.54	36.0	0.60	37.1	0.61	38.5	0.62	39.6	0.64
		20.3	28.1	0.37	30.4	0.43	33.1	0.49	36.0	0.56	37.1	0.57	38.5	0.58	39.6	0.60
		25.4	28.1	0.35	30.4	0.41	33.1	0.49	36.0	0.54	37.1	0.56	38.5	0.56	39.6	0.57
		30.5	28.1	0.34	30.4	0.40	33.1	0.49	36.0	0.53	37.1	0.55	38.5	0.55	39.6	0.56
	59	8.1	28.1	0.53	30.4	0.62	33.1	0.73	36.0	0.82	37.1	0.84	38.5	0.86	39.6	0.88
		10.2	28.1	0.52	30.4	0.61	33.1	0.72	36.0	0.81	37.1	0.83	38.5	0.84	39.6	0.86
		20.3	28.1	0.49	30.4	0.58	33.1	0.67	36.0	0.76	37.1	0.77	38.5	0.79	39.6	0.81
		25.4	28.1	0.47	30.4	0.56	33.1	0.66	36.0	0.74	37.1	0.76	38.5	0.77	39.6	0.78
		30.5	28.1	0.46	30.4	0.55	33.1	0.65	36.0	0.73	37.1	0.75	38.5	0.76	39.6	0.77

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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LG

MULTI V WATER IV

COOLING CAPACITY DATA

ARWN072BAS4, ARWB072BAS4

72,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
50	67	8.1	28.1	0.66	30.4	0.77	33.1	0.89	36.0	1.01	37.1	1.04	38.5	1.06	39.6	1.07
		10.2	28.1	0.65	30.4	0.76	33.1	0.88	36.0	1.00	37.1	1.02	38.5	1.04	39.6	1.06
		20.3	28.1	0.60	30.4	0.71	33.1	0.83	36.0	0.93	37.1	0.95	38.5	0.98	39.6	1.00
		25.4	28.1	0.58	30.4	0.69	33.1	0.81	36.0	0.92	37.1	0.93	38.5	0.96	39.6	0.97
		30.5	28.1	0.57	30.4	0.68	33.1	0.80	36.0	0.91	37.1	0.92	38.5	0.95	39.6	0.96
	75	8.1	28.1	0.81	30.4	0.94	33.1	1.09	36.0	1.23	37.1	1.26	38.5	1.29	39.6	1.32
		10.2	28.1	0.79	30.4	0.92	33.1	1.08	36.0	1.21	37.1	1.24	38.5	1.27	39.6	1.30
		20.3	28.1	0.73	30.4	0.86	33.1	1.00	36.0	1.14	37.1	1.16	38.5	1.19	39.6	1.21
		25.4	28.1	0.71	30.4	0.84	33.1	0.99	36.0	1.11	37.1	1.14	38.5	1.16	39.6	1.18
		30.5	28.1	0.70	30.4	0.84	33.1	0.98	36.0	1.10	37.1	1.12	38.5	1.15	39.6	1.17
	86	8.1	28.1	1.00	30.4	1.16	33.1	1.35	36.0	1.52	37.1	1.55	38.5	1.59	39.6	1.62
		10.2	28.1	0.98	30.4	1.14	33.1	1.32	36.0	1.49	37.1	1.53	38.5	1.56	39.6	1.59
		20.3	28.1	0.90	30.4	1.07	33.1	1.24	36.0	1.40	37.1	1.43	38.5	1.47	39.6	1.49
		25.4	28.1	0.87	30.4	1.04	33.1	1.21	36.0	1.37	37.1	1.40	38.5	1.44	39.6	1.45
		30.5	28.1	0.86	30.4	1.03	33.1	1.20	36.0	1.36	37.1	1.39	38.5	1.43	39.6	1.43
	95	8.1	28.1	1.11	30.4	1.28	33.1	1.50	36.0	1.68	37.1	1.73	38.5	1.77	39.6	1.80
		10.2	28.1	1.08	30.4	1.26	33.1	1.48	36.0	1.65	37.1	1.70	38.5	1.74	39.6	1.77
		20.3	28.1	1.00	30.4	1.18	33.1	1.38	36.0	1.55	37.1	1.58	38.5	1.63	39.6	1.65
		25.4	28.1	0.97	30.4	1.16	33.1	1.35	36.0	1.52	37.1	1.56	38.5	1.60	39.6	1.61
		30.5	28.1	0.96	30.4	1.14	33.1	1.34	36.0	1.51	37.1	1.54	38.5	1.59	39.6	1.59
	104	8.1	28.1	1.30	30.4	1.52	33.1	1.77	36.0	2.00	37.1	2.04	38.5	2.10	39.6	2.13
		10.2	28.1	1.28	30.4	1.49	33.1	1.74	36.0	1.96	37.1	2.01	38.5	2.06	39.6	2.10
		20.3	28.1	1.18	30.4	1.40	33.1	1.63	36.0	1.83	37.1	1.88	38.5	1.93	39.6	1.96
		25.4	28.1	1.15	30.4	1.37	33.1	1.60	36.0	1.80	37.1	1.84	38.5	1.89	39.6	1.91
		30.5	28.1	1.13	30.4	1.36	33.1	1.59	36.0	1.78	37.1	1.82	38.5	1.88	39.6	1.88
	113	8.1	28.1	1.50	30.4	1.75	33.1	2.04	36.0	2.32	37.1	2.36	38.5	2.42	39.6	2.46
		10.2	28.1	1.48	30.4	1.72	33.1	2.01	36.0	2.27	37.1	2.32	38.5	2.38	39.6	2.43
		20.3	28.1	1.37	30.4	1.61	33.1	1.88	36.0	2.11	37.1	2.17	38.5	2.23	39.6	2.27
		25.4	28.1	1.32	30.4	1.58	33.1	1.85	36.0	2.07	37.1	2.12	38.5	2.19	39.6	2.21
		30.5	28.1	1.30	30.4	1.57	33.1	1.84	36.0	2.05	37.1	2.10	38.5	2.16	39.6	2.18

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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COOLING CAPACITY DATA

ARWN096BAS4, ARWB096BAS4
96,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

MULTI V WATER IV

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
130	23	6.7	89.1	1.81	96.6	2.12	105.4	2.47	114.3	2.79	117.7	2.87	122.4	2.92	125.7	2.95
	32	7.5	89.1	1.81	96.6	2.12	105.4	2.47	114.3	2.79	117.7	2.87	122.4	2.92	125.7	2.95
	41	8.7	89.1	1.81	96.6	2.12	105.4	2.47	114.3	2.79	117.7	2.87	122.4	2.92	125.7	2.95
	50	10.2	89.1	1.81	96.6	2.12	105.4	2.47	114.3	2.79	117.7	2.87	122.4	2.92	125.7	2.95
		12.7	89.1	1.78	96.6	2.09	105.4	2.44	114.3	2.74	117.7	2.82	122.4	2.88	125.7	2.91
		25.4	89.1	1.65	96.6	1.96	105.4	2.28	114.3	2.57	117.7	2.61	122.4	2.70	125.7	2.76
		31.8	89.1	1.60	96.6	1.91	105.4	2.23	114.3	2.51	117.7	2.58	122.4	2.64	125.7	2.69
		38.1	89.1	1.58	96.6	1.89	105.4	2.21	114.3	2.48	117.7	2.56	122.4	2.61	125.7	2.65
	59	10.2	87.7	2.40	95.1	2.79	103.6	3.25	112.5	3.66	115.9	3.75	120.4	3.83	123.7	3.89
		12.7	87.7	2.35	95.1	2.74	103.6	3.20	112.5	3.60	115.9	3.69	120.4	3.77	123.7	3.84
		25.4	87.7	2.16	95.1	2.57	103.6	2.99	112.5	3.37	115.9	3.44	120.4	3.54	123.7	3.61
		31.8	87.7	2.10	95.1	2.51	103.6	2.93	112.5	3.30	115.9	3.38	120.4	3.47	123.7	3.53
		38.1	87.7	2.07	95.1	2.48	103.6	2.90	112.5	3.26	115.9	3.35	120.4	3.43	123.7	3.49
	67	10.2	86.5	2.91	93.7	3.37	102.0	3.94	110.9	4.44	114.3	4.53	118.7	4.65	122.0	4.73
		12.7	86.5	2.85	93.7	3.32	102.0	3.87	110.9	4.36	114.3	4.46	118.7	4.57	122.0	4.66
		25.4	86.5	2.62	93.7	3.11	102.0	3.61	110.9	4.08	114.3	4.18	118.7	4.29	122.0	4.38
		31.8	86.5	2.55	93.7	3.04	102.0	3.54	110.9	4.00	114.3	4.09	118.7	4.21	122.0	4.28
		38.1	86.5	2.51	93.7	3.00	102.0	3.50	110.9	3.95	114.3	4.05	118.7	4.16	122.0	4.23
	75	10.2	86.5	3.59	93.7	4.16	102.0	4.85	110.9	5.46	114.3	5.60	118.7	5.73	122.0	5.83
		12.7	86.5	3.52	93.7	4.09	102.0	4.77	110.9	5.37	114.3	5.51	118.7	5.64	122.0	5.74
		25.4	86.5	3.23	93.7	3.84	102.0	4.46	110.9	5.03	114.3	5.15	118.7	5.29	122.0	5.40
		31.8	86.5	3.15	93.7	3.75	102.0	4.38	110.9	4.93	114.3	5.05	118.7	5.19	122.0	5.27
		38.1	86.5	3.10	93.7	3.71	102.0	4.33	110.9	4.88	114.3	5.00	118.7	5.14	122.0	5.21
	86	10.2	86.5	4.30	93.7	5.00	102.0	5.82	110.9	6.56	114.3	6.71	118.7	6.88	122.0	6.99
		12.7	86.5	4.22	93.7	4.92	102.0	5.73	110.9	6.46	114.3	6.60	118.7	6.77	122.0	6.89
		25.4	86.5	3.87	93.7	4.60	102.0	5.36	110.9	6.04	114.3	6.18	118.7	6.34	122.0	6.48
		31.8	86.5	3.77	93.7	4.50	102.0	5.25	110.9	5.91	114.3	6.07	118.7	6.22	122.0	6.33
		38.1	86.5	3.73	93.7	4.45	102.0	5.20	110.9	5.85	114.3	6.02	118.7	6.16	122.0	6.26
	95	10.2	77.9	4.35	84.3	5.06	91.9	5.88	99.9	6.64	102.8	6.78	106.8	6.96	109.7	7.08
		12.7	77.9	4.27	84.3	4.98	91.9	5.79	99.9	6.53	102.8	6.68	106.8	6.85	109.7	6.97
		25.4	77.9	3.92	84.3	4.65	91.9	5.42	99.9	6.10	102.8	6.26	106.8	6.42	109.7	6.54
		31.8	77.9	3.81	84.3	4.55	91.9	5.31	99.9	5.98	102.8	6.14	106.8	6.30	109.7	6.41
		38.1	77.9	3.76	84.3	4.50	91.9	5.26	99.9	5.91	102.8	6.07	106.8	6.23	109.7	6.34
	104	10.2	69.2	4.59	74.9	5.34	81.6	6.21	88.7	7.00	91.3	7.16	94.9	7.33	97.6	7.46
		12.7	69.2	4.50	74.9	5.25	81.6	6.11	88.7	6.89	91.3	7.05	94.9	7.22	97.6	7.35
		25.4	69.2	4.13	74.9	4.91	81.6	5.72	88.7	6.43	91.3	6.59	94.9	6.77	97.6	6.91
		31.8	69.2	4.02	74.9	4.80	81.6	5.59	88.7	6.31	91.3	6.47	94.9	6.64	97.6	6.75
		38.1	69.2	3.97	74.9	4.74	81.6	5.53	88.7	6.25	91.3	6.41	94.9	6.57	97.6	6.67
	113	10.2	60.5	4.83	65.6	5.61	71.3	6.54	77.5	7.36	79.9	7.54	83.1	7.70	85.5	7.85
		12.7	60.5	4.73	65.6	5.52	71.3	6.43	77.5	7.24	79.9	7.41	83.1	7.59	85.5	7.73
		25.4	60.5	4.34	65.6	5.16	71.3	6.01	77.5	6.76	79.9	6.92	83.1	7.13	85.5	7.28
		31.8	60.5	4.23	65.6	5.04	71.3	5.88	77.5	6.64	79.9	6.80	83.1	6.98	85.5	7.09
		38.1	60.5	4.17	65.6	4.98	71.3	5.81	77.5	6.58	79.9	6.74	83.1	6.91	85.5	7.00
120	23	6.7	84.4	1.73	91.5	2.00	99.5	2.36	108.3	2.64	111.6	2.72	115.9	2.77	119.1	2.83
	32	7.5	84.4	1.73	91.5	2.00	99.5	2.36	108.3	2.64	111.6	2.72	115.9	2.77	119.1	2.83
	41	8.7	84.4	1.73	91.5	2.00	99.5	2.36	108.3	2.64	111.6	2.72	115.9	2.77	119.1	2.83
	50	10.2	84.4	1.73	91.5	2.00	99.5	2.36	108.3	2.64	111.6	2.72	115.9	2.77	119.1	2.83
		12.7	84.4	1.70	91.5	1.97	99.5	2.31	108.3	2.60	111.6	2.67	115.9	2.73	119.1	2.78
		25.4	84.4	1.55	91.5	1.84	99.5	2.15	108.3	2.43	111.6	2.48	115.9	2.55	119.1	2.59
		31.8	84.4	1.53	91.5	1.80	99.5	2.13	108.3	2.39	111.6	2.43	115.9	2.50	119.1	2.54
		38.1	84.4	1.52	91.5	1.79	99.5	2.11	108.3	2.36	111.6	2.41	115.9	2.48	119.1	2.52
	59	10.2	83.5	2.30	90.4	2.66	98.4	3.11	107.1	3.50	110.3	3.59	114.5	3.67	117.7	3.74
		12.7	83.5	2.25	90.4	2.62	98.4	3.06	107.1	3.44	110.3	3.53	114.5	3.61	117.7	3.68
		25.4	83.5	2.07	90.4	2.45	98.4	2.85	107.1	3.22	110.3	3.30	114.5	3.38	117.7	3.44
		31.8	83.5	2.02	90.4	2.40	98.4	2.80	107.1	3.16	110.3	3.23	114.5	3.32	117.7	3.37
		38.1	83.5	1.99	90.4	2.37	98.4	2.78	107.1	3.13	110.3	3.20	114.5	3.29	117.7	3.33
	67	10.2	82.7	2.80	89.5	3.25	97.5	3.79	106.0	4.26	109.1	4.36	113.3	4.47	116.5	4.54
		12.7	82.7	2.74	89.5	3.20	97.5	3.73	106.0	4.19	109.1	4.29	113.3	4.40	116.5	4.48
		25.4	82.7	2.52	89.5	2.99	97.5	3.48	106.0	3.92	109.1	4.02	113.3	4.12	116.5	4.21
		31.8	82.7	2.45	89.5	2.93	97.5	3.41	106.0	3.85	109.1	3.95	113.3	4.05	116.5	4.11
		38.1	82.7	2.41	89.5	2.90	97.5	3.37	106.0	3.81	109.1	3.91	113.3	4.01	116.5	4.06

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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MULTI V WATER IV

COOLING CAPACITY DATA

ARWN096BAS4, ARWB096BAS4

96,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
120	75	10.2	82.7	3.44	89.5	3.98	97.5	4.65	106.0	5.24	109.1	5.36	113.3	5.50	116.5	5.60
		12.7	82.7	3.37	89.5	3.92	97.5	4.57	106.0	5.15	109.1	5.27	113.3	5.41	116.5	5.51
		25.4	82.7	3.10	89.5	3.68	97.5	4.28	106.0	4.82	109.1	4.93	113.3	5.07	116.5	5.16
		31.8	82.7	3.01	89.5	3.59	97.5	4.19	106.0	4.72	109.1	4.84	113.3	4.97	116.5	5.04
		38.1	82.7	2.97	89.5	3.55	97.5	4.15	106.0	4.67	109.1	4.80	113.3	4.92	116.5	4.98
	86	10.2	82.7	4.15	89.5	4.82	97.5	5.62	106.0	6.34	109.1	6.49	113.3	6.65	116.5	6.75
		12.7	82.7	4.07	89.5	4.75	97.5	5.53	106.0	6.23	109.1	6.38	113.3	6.54	116.5	6.65
		25.4	82.7	3.75	89.5	4.44	97.5	5.18	106.0	5.83	109.1	5.96	113.3	6.12	116.5	6.25
		31.8	82.7	3.64	89.5	4.34	97.5	5.07	106.0	5.71	109.1	5.85	113.3	6.01	116.5	6.10
		38.1	82.7	3.58	89.5	4.29	97.5	5.01	106.0	5.64	109.1	5.80	113.3	5.96	116.5	6.03
	95	10.2	75.6	4.25	81.9	4.95	89.2	5.76	96.9	6.48	99.9	6.65	103.7	6.81	106.7	6.93
		12.7	75.6	4.17	81.9	4.87	89.2	5.67	96.9	6.38	99.9	6.54	103.7	6.70	106.7	6.82
		25.4	75.6	3.84	81.9	4.55	89.2	5.30	96.9	5.98	99.9	6.12	103.7	6.28	106.7	6.39
		31.8	75.6	3.74	81.9	4.45	89.2	5.19	96.9	5.85	99.9	6.00	103.7	6.16	106.7	6.25
		38.1	75.6	3.69	81.9	4.40	89.2	5.13	96.9	5.79	99.9	5.94	103.7	6.10	106.7	6.17
	104	10.2	68.7	4.58	74.3	5.32	80.9	6.20	88.0	6.98	90.5	7.15	94.1	7.32	96.8	7.46
		12.7	68.7	4.49	74.3	5.24	80.9	6.10	88.0	6.87	90.5	7.03	94.1	7.21	96.8	7.34
		25.4	68.7	4.13	74.3	4.89	80.9	5.71	88.0	6.43	90.5	6.58	94.1	6.75	96.8	6.89
		31.8	68.7	4.02	74.3	4.80	80.9	5.59	88.0	6.30	90.5	6.46	94.1	6.63	96.8	6.73
		38.1	68.7	3.97	74.3	4.75	80.9	5.54	88.0	6.23	90.5	6.39	94.1	6.57	96.8	6.65
	113	10.2	61.7	4.90	66.7	5.70	72.7	6.63	79.1	7.49	81.2	7.65	84.5	7.83	86.9	7.98
		12.7	61.7	4.81	66.7	5.61	72.7	6.53	79.1	7.36	81.2	7.52	84.5	7.71	86.9	7.86
		25.4	61.7	4.43	66.7	5.24	72.7	6.11	79.1	6.89	81.2	7.03	84.5	7.22	86.9	7.38
		31.8	61.7	4.30	66.7	5.14	72.7	6.00	79.1	6.74	81.2	6.91	84.5	7.09	86.9	7.21
		38.1	61.7	4.24	66.7	5.09	72.7	5.95	79.1	6.66	81.2	6.85	84.5	7.03	86.9	7.12
110	23	6.7	79.7	1.65	86.2	1.90	93.8	2.20	102.1	2.49	105.1	2.53	109.4	2.62	112.2	2.65
	32	7.5	79.7	1.65	86.2	1.90	93.8	2.20	102.1	2.49	105.1	2.53	109.4	2.62	112.2	2.65
	41	8.7	79.7	1.65	86.2	1.90	93.8	2.20	102.1	2.49	105.1	2.53	109.4	2.62	112.2	2.65
	50	10.2	79.7	1.65	86.2	1.90	93.8	2.20	102.1	2.49	105.1	2.53	109.4	2.62	112.2	2.65
		12.7	79.7	1.61	86.2	1.87	93.8	2.17	102.1	2.45	105.1	2.50	109.4	2.57	112.2	2.61
		25.4	79.7	1.48	86.2	1.74	93.8	2.04	102.1	2.30	105.1	2.36	109.4	2.39	112.2	2.44
		31.8	79.7	1.43	86.2	1.71	93.8	1.99	102.1	2.25	105.1	2.30	109.4	2.34	112.2	2.41
		38.1	79.7	1.41	86.2	1.69	93.8	1.97	102.1	2.23	105.1	2.27	109.4	2.32	112.2	2.39
	59	10.2	79.2	2.20	85.7	2.55	93.3	2.96	101.5	3.34	104.5	3.41	108.7	3.50	111.6	3.56
		12.7	79.2	2.15	85.7	2.51	93.3	2.91	101.5	3.28	104.5	3.36	108.7	3.44	111.6	3.50
		25.4	79.2	1.98	85.7	2.34	93.3	2.73	101.5	3.07	104.5	3.15	108.7	3.22	111.6	3.28
		31.8	79.2	1.92	85.7	2.29	93.3	2.67	101.5	3.01	104.5	3.09	108.7	3.16	111.6	3.21
		38.1	79.2	1.89	85.7	2.26	93.3	2.64	101.5	2.98	104.5	3.06	108.7	3.13	111.6	3.17
	67	10.2	78.8	2.68	85.3	3.13	92.9	3.64	100.9	4.09	104.0	4.19	108.0	4.28	111.1	4.37
		12.7	78.8	2.63	85.3	3.07	92.9	3.58	100.9	4.02	104.0	4.12	108.0	4.22	111.1	4.30
		25.4	78.8	2.42	85.3	2.86	92.9	3.34	100.9	3.76	104.0	3.85	108.0	3.96	111.1	4.03
		31.8	78.8	2.35	85.3	2.80	92.9	3.27	100.9	3.69	104.0	3.79	108.0	3.89	111.1	3.92
		38.1	78.8	2.31	85.3	2.77	92.9	3.23	100.9	3.65	104.0	3.76	108.0	3.85	111.1	3.87
	75	10.2	78.8	3.29	85.3	3.82	92.9	4.45	100.9	5.01	104.0	5.12	108.0	5.24	111.1	5.35
		12.7	78.8	3.22	85.3	3.76	92.9	4.38	100.9	4.93	104.0	5.04	108.0	5.16	111.1	5.26
		25.4	78.8	2.96	85.3	3.52	92.9	4.09	100.9	4.61	104.0	4.72	108.0	4.84	111.1	4.93
		31.8	78.8	2.88	85.3	3.44	92.9	4.01	100.9	4.51	104.0	4.64	108.0	4.75	111.1	4.81
		38.1	78.8	2.83	85.3	3.41	92.9	3.97	100.9	4.46	104.0	4.59	108.0	4.70	111.1	4.75
	86	10.2	78.8	4.00	85.3	4.66	92.9	5.42	100.9	6.11	104.0	6.25	108.0	6.41	111.1	6.52
		12.7	78.8	3.92	85.3	4.59	92.9	5.34	100.9	6.01	104.0	6.15	108.0	6.31	111.1	6.42
		25.4	78.8	3.61	85.3	4.28	92.9	4.99	100.9	5.62	104.0	5.75	108.0	5.90	111.1	6.01
		31.8	78.8	3.52	85.3	4.19	92.9	4.88	100.9	5.51	104.0	5.64	108.0	5.79	111.1	5.86
		38.1	78.8	3.47	85.3	4.15	92.9	4.83	100.9	5.45	104.0	5.59	108.0	5.74	111.1	5.79
	95	10.2	73.3	4.17	79.5	4.84	86.5	5.64	94.1	6.35	96.9	6.50	100.7	6.66	103.5	6.79
		12.7	73.3	4.08	79.5	4.76	86.5	5.55	94.1	6.25	96.9	6.39	100.7	6.55	103.5	6.68
		25.4	73.3	3.75	79.5	4.45	86.5	5.19	94.1	5.84	96.9	5.99	100.7	6.14	103.5	6.25
		31.8	73.3	3.65	79.5	4.35	86.5	5.08	94.1	5.73	96.9	5.86	100.7	6.02	103.5	6.10
		38.1	73.3	3.60	79.5	4.30	86.5	5.02	94.1	5.67	96.9	5.80	100.7	5.97	103.5	6.03

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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COOLING CAPACITY DATA

ARWN096BAS4, ARWB096BAS4

96,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
110	104	10.2	68.0	4.58	73.6	5.31	80.3	6.20	87.2	6.97	89.7	7.14	93.3	7.31	95.9	7.44
		12.7	68.0	4.49	73.6	5.23	80.3	6.10	87.2	6.86	89.7	7.02	93.3	7.19	95.9	7.33
		25.4	68.0	4.12	73.6	4.89	80.3	5.69	87.2	6.42	89.7	6.57	93.3	6.74	95.9	6.87
		31.8	68.0	4.01	73.6	4.78	80.3	5.58	87.2	6.30	89.7	6.44	93.3	6.61	95.9	6.70
		38.1	68.0	3.95	73.6	4.73	80.3	5.53	87.2	6.23	89.7	6.38	93.3	6.55	95.9	6.62
	113	10.2	62.7	5.00	67.7	5.78	74.0	6.77	80.3	7.60	82.5	7.78	86.0	7.96	88.3	8.10
		12.7	62.7	4.89	67.7	5.69	74.0	6.65	80.3	7.48	82.5	7.65	86.0	7.83	88.3	7.98
		25.4	62.7	4.49	67.7	5.34	74.0	6.20	80.3	7.00	82.5	7.14	86.0	7.34	88.3	7.50
		31.8	62.7	4.36	67.7	5.21	74.0	6.09	80.3	6.86	82.5	7.02	86.0	7.21	88.3	7.30
		38.1	62.7	4.30	67.7	5.15	74.0	6.03	80.3	6.79	82.5	6.96	86.0	7.14	88.3	7.21
100	23	6.7	74.9	1.53	81.1	1.80	88.3	2.08	96.0	2.33	98.9	2.39	102.7	2.46	105.6	2.52
	32	7.5	74.9	1.53	81.1	1.80	88.3	2.08	96.0	2.33	98.9	2.39	102.7	2.46	105.6	2.52
	41	8.7	74.9	1.53	81.1	1.80	88.3	2.08	96.0	2.33	98.9	2.39	102.7	2.46	105.6	2.52
	50	10.2	74.9	1.53	81.1	1.80	88.3	2.08	96.0	2.33	98.9	2.39	102.7	2.46	105.6	2.52
		12.7	74.9	1.50	81.1	1.76	88.3	2.05	96.0	2.29	98.9	2.35	102.7	2.43	105.6	2.47
		25.4	74.9	1.38	81.1	1.63	88.3	1.92	96.0	2.17	98.9	2.23	102.7	2.27	105.6	2.29
		31.8	74.9	1.36	81.1	1.60	88.3	1.88	96.0	2.10	98.9	2.16	102.7	2.22	105.6	2.26
		38.1	74.9	1.35	81.1	1.58	88.3	1.86	96.0	2.07	98.9	2.13	102.7	2.20	105.6	2.24
	59	10.2	74.9	2.08	81.1	2.43	88.3	2.83	96.0	3.17	98.9	3.25	102.7	3.34	105.6	3.40
		12.7	74.9	2.04	81.1	2.39	88.3	2.78	96.0	3.12	98.9	3.20	102.7	3.28	105.6	3.34
		25.4	74.9	1.88	81.1	2.23	88.3	2.59	96.0	2.93	98.9	3.00	102.7	3.07	105.6	3.12
		31.8	74.9	1.83	81.1	2.18	88.3	2.55	96.0	2.86	98.9	2.94	102.7	3.01	105.6	3.05
		38.1	74.9	1.81	81.1	2.15	88.3	2.52	96.0	2.83	98.9	2.91	102.7	2.98	105.6	3.01
	67	10.2	74.9	2.57	81.1	2.99	88.3	3.49	96.0	3.93	98.9	4.01	102.7	4.11	105.6	4.18
		12.7	74.9	2.52	81.1	2.94	88.3	3.43	96.0	3.86	98.9	3.95	102.7	4.05	105.6	4.12
		25.4	74.9	2.32	81.1	2.75	88.3	3.20	96.0	3.60	98.9	3.69	102.7	3.79	105.6	3.86
		31.8	74.9	2.25	81.1	2.69	88.3	3.14	96.0	3.54	98.9	3.63	102.7	3.71	105.6	3.75
		38.1	74.9	2.21	81.1	2.66	88.3	3.10	96.0	3.51	98.9	3.60	102.7	3.68	105.6	3.70
	75	10.2	74.9	3.14	81.1	3.65	88.3	4.25	96.0	4.79	98.9	4.90	102.7	5.01	105.6	5.11
		12.7	74.9	3.07	81.1	3.59	88.3	4.18	96.0	4.71	98.9	4.82	102.7	4.93	105.6	5.03
		25.4	74.9	2.83	81.1	3.36	88.3	3.91	96.0	4.40	98.9	4.50	102.7	4.62	105.6	4.70
		31.8	74.9	2.75	81.1	3.28	88.3	3.82	96.0	4.32	98.9	4.41	102.7	4.54	105.6	4.57
		38.1	74.9	2.72	81.1	3.25	88.3	3.78	96.0	4.27	98.9	4.37	102.7	4.49	105.6	4.51
	86	10.2	74.9	3.86	81.1	4.49	88.3	5.22	96.0	5.89	98.9	6.03	102.7	6.17	105.6	6.29
		12.7	74.9	3.79	81.1	4.41	88.3	5.14	96.0	5.79	98.9	5.93	102.7	6.07	105.6	6.18
		25.4	74.9	3.48	81.1	4.12	88.3	4.81	96.0	5.41	98.9	5.53	102.7	5.68	105.6	5.78
		31.8	74.9	3.38	81.1	4.03	88.3	4.71	96.0	5.30	98.9	5.43	102.7	5.57	105.6	5.63
		38.1	74.9	3.33	81.1	3.99	88.3	4.66	96.0	5.24	98.9	5.39	102.7	5.51	105.6	5.56
	95	10.2	71.2	4.08	77.1	4.74	83.9	5.51	91.2	6.21	94.0	6.36	97.6	6.51	100.3	6.62
		12.7	71.2	4.00	77.1	4.66	83.9	5.42	91.2	6.11	94.0	6.26	97.6	6.41	100.3	6.52
		25.4	71.2	3.68	77.1	4.35	83.9	5.07	91.2	5.71	94.0	5.85	97.6	6.00	100.3	6.10
		31.8	71.2	3.57	77.1	4.27	83.9	4.97	91.2	5.59	94.0	5.74	97.6	5.89	100.3	5.94
		38.1	71.2	3.51	77.1	4.22	83.9	4.92	91.2	5.54	94.0	5.69	97.6	5.83	100.3	5.86
	104	10.2	67.3	4.57	72.9	5.31	79.5	6.19	86.4	6.96	88.9	7.14	92.4	7.31	95.1	7.43
		12.7	67.3	4.48	72.9	5.23	79.5	6.09	86.4	6.85	88.9	7.02	92.4	7.19	95.1	7.32
		25.4	67.3	4.12	72.9	4.88	79.5	5.69	86.4	6.41	88.9	6.55	92.4	6.73	95.1	6.85
		31.8	67.3	4.01	72.9	4.78	79.5	5.57	86.4	6.28	88.9	6.44	92.4	6.60	95.1	6.66
		38.1	67.3	3.95	72.9	4.73	79.5	5.51	86.4	6.22	88.9	6.39	92.4	6.54	95.1	6.57
	113	10.2	63.5	5.05	68.8	5.89	75.1	6.86	81.6	7.71	83.9	7.92	87.2	8.11	89.9	8.25
		12.7	63.5	4.96	68.8	5.79	75.1	6.75	81.6	7.59	83.9	7.78	87.2	7.98	89.9	8.12
		25.4	63.5	4.56	68.8	5.41	75.1	6.32	81.6	7.11	83.9	7.25	87.2	7.45	89.9	7.60
		31.8	63.5	4.45	68.8	5.30	75.1	6.17	81.6	6.97	83.9	7.14	87.2	7.32	89.9	7.39
		38.1	63.5	4.40	68.8	5.24	75.1	6.10	81.6	6.90	83.9	7.09	87.2	7.25	89.9	7.29
90	23	6.7	67.3	1.33	72.9	1.54	79.5	1.77	86.4	2.02	88.9	2.07	92.4	2.13	95.1	2.17
	32	7.5	67.3	1.33	72.9	1.54	79.5	1.77	86.4	2.02	88.9	2.07	92.4	2.13	95.1	2.17
	41	8.7	67.3	1.33	72.9	1.54	79.5	1.77	86.4	2.02	88.9	2.07	92.4	2.13	95.1	2.17
	50	10.2	67.3	1.33	72.9	1.54	79.5	1.77	86.4	2.02	88.9	2.07	92.4	2.13	95.1	2.17
		12.7	67.3	1.30	72.9	1.51	79.5	1.75	86.4	1.99	88.9	2.03	92.4	2.09	95.1	2.13
		25.4	67.3	1.21	72.9	1.42	79.5	1.66	86.4	1.87	88.9	1.90	92.4	1.95	95.1	1.99
		31.8	67.3	1.16	72.9	1.40	79.5	1.61	86.4	1.82	88.9	1.87	92.4	1.92	95.1	1.93
		38.1	67.3	1.13	72.9	1.39	79.5	1.58	86.4	1.80	88.9	1.85	92.4	1.90	95.1	1.90

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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MULTI V WATER IV

COOLING CAPACITY DATA

ARWN096BAS4, ARWB096BAS4

96,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
90	59	10.2	67.3	1.79	72.9	2.09	79.5	2.42	86.4	2.74	88.9	2.80	92.4	2.87	95.1	2.92
		12.7	67.3	1.76	72.9	2.05	79.5	2.39	86.4	2.69	88.9	2.75	92.4	2.83	95.1	2.88
		25.4	67.3	1.62	72.9	1.92	79.5	2.24	86.4	2.52	88.9	2.58	92.4	2.64	95.1	2.69
		31.8	67.3	1.57	72.9	1.88	79.5	2.19	86.4	2.47	88.9	2.53	92.4	2.59	95.1	2.62
		38.1	67.3	1.55	72.9	1.86	79.5	2.16	86.4	2.45	88.9	2.51	92.4	2.57	95.1	2.58
	67	10.2	67.3	2.21	72.9	2.58	79.5	3.00	86.4	3.38	88.9	3.45	92.4	3.54	95.1	3.60
		12.7	67.3	2.16	72.9	2.53	79.5	2.95	86.4	3.32	88.9	3.39	92.4	3.48	95.1	3.54
		25.4	67.3	1.99	72.9	2.36	79.5	2.75	86.4	3.10	88.9	3.18	92.4	3.26	95.1	3.32
		31.8	67.3	1.94	72.9	2.31	79.5	2.71	86.4	3.05	88.9	3.12	92.4	3.20	95.1	3.23
		38.1	67.3	1.92	72.9	2.29	79.5	2.68	86.4	3.02	88.9	3.09	92.4	3.17	95.1	3.19
	75	10.2	67.3	2.70	72.9	3.14	79.5	3.65	86.4	4.11	88.9	4.21	92.4	4.31	95.1	4.40
		12.7	67.3	2.64	72.9	3.09	79.5	3.59	86.4	4.05	88.9	4.14	92.4	4.24	95.1	4.33
		25.4	67.3	2.43	72.9	2.89	79.5	3.36	86.4	3.79	88.9	3.87	92.4	3.97	95.1	4.05
		31.8	67.3	2.36	72.9	2.83	79.5	3.30	86.4	3.71	88.9	3.80	92.4	3.90	95.1	3.95
		38.1	67.3	2.32	72.9	2.80	79.5	3.26	86.4	3.68	88.9	3.76	92.4	3.86	95.1	3.90
	86	10.2	67.3	3.33	72.9	3.86	79.5	4.50	86.4	5.06	88.9	5.19	92.4	5.31	95.1	5.41
		12.7	67.3	3.26	72.9	3.80	79.5	4.43	86.4	4.98	88.9	5.10	92.4	5.23	95.1	5.32
		25.4	67.3	2.99	72.9	3.55	79.5	4.13	86.4	4.66	88.9	4.77	92.4	4.89	95.1	4.98
		31.8	67.3	2.91	72.9	3.48	79.5	4.05	86.4	4.56	88.9	4.68	92.4	4.80	95.1	4.84
		38.1	67.3	2.88	72.9	3.44	79.5	4.00	86.4	4.51	88.9	4.64	92.4	4.75	95.1	4.78
	95	10.2	65.5	3.59	70.9	4.16	77.3	4.85	84.0	5.46	86.5	5.59	89.9	5.72	92.4	5.84
		12.7	65.5	3.52	70.9	4.09	77.3	4.77	84.0	5.37	86.5	5.50	89.9	5.63	92.4	5.74
		25.4	65.5	3.23	70.9	3.84	77.3	4.46	84.0	5.03	86.5	5.14	89.9	5.27	92.4	5.37
		31.8	65.5	3.14	70.9	3.75	77.3	4.36	84.0	4.93	86.5	5.05	89.9	5.18	92.4	5.23
		38.1	65.5	3.09	70.9	3.71	77.3	4.32	84.0	4.88	86.5	5.01	89.9	5.13	92.4	5.15
	104	10.2	63.6	4.11	68.9	4.79	75.1	5.57	81.6	6.27	84.0	6.42	87.3	6.59	89.7	6.70
		12.7	63.6	4.03	68.9	4.71	75.1	5.48	81.6	6.17	84.0	6.32	87.3	6.48	89.7	6.59
		25.4	63.6	3.71	68.9	4.40	75.1	5.13	81.6	5.77	84.0	5.91	87.3	6.06	89.7	6.17
		31.8	63.6	3.60	68.9	4.30	75.1	5.02	81.6	5.66	84.0	5.80	87.3	5.95	89.7	6.01
		38.1	63.6	3.55	68.9	4.25	75.1	4.96	81.6	5.60	84.0	5.75	87.3	5.90	89.7	5.93
	113	10.2	61.7	4.64	66.9	5.41	72.8	6.30	79.2	7.09	81.5	7.26	84.8	7.45	87.1	7.56
		12.7	61.7	4.55	66.9	5.32	72.8	6.20	79.2	6.97	81.5	7.14	84.8	7.33	87.1	7.44
		25.4	61.7	4.19	66.9	4.97	72.8	5.79	79.2	6.50	81.5	6.69	84.8	6.85	87.1	6.97
		31.8	61.7	4.07	66.9	4.86	72.8	5.67	79.2	6.38	81.5	6.55	84.8	6.73	87.1	6.80
		38.1	61.7	4.01	66.9	4.80	72.8	5.61	79.2	6.32	81.5	6.49	84.8	6.66	87.1	6.71
80	23	6.7	59.9	1.11	64.9	1.28	70.7	1.51	76.8	1.71	79.1	1.73	82.1	1.80	84.5	1.80
	32	7.5	59.9	1.11	64.9	1.28	70.7	1.51	76.8	1.71	79.1	1.73	82.1	1.80	84.5	1.80
	41	8.7	59.9	1.11	64.9	1.28	70.7	1.51	76.8	1.71	79.1	1.73	82.1	1.80	84.5	1.80
	50	10.2	59.9	1.11	64.9	1.28	70.7	1.51	76.8	1.71	79.1	1.73	82.1	1.80	84.5	1.80
		12.7	59.9	1.09	64.9	1.26	70.7	1.48	76.8	1.68	79.1	1.70	82.1	1.76	84.5	1.77
		25.4	59.9	0.99	64.9	1.20	70.7	1.37	76.8	1.56	79.1	1.60	82.1	1.63	84.5	1.66
		31.8	59.9	0.97	64.9	1.16	70.7	1.35	76.8	1.51	79.1	1.55	82.1	1.61	84.5	1.63
		38.1	59.9	0.96	64.9	1.14	70.7	1.34	76.8	1.49	79.1	1.52	82.1	1.60	84.5	1.62
	59	10.2	59.9	1.51	64.9	1.75	70.7	2.04	76.8	2.30	79.1	2.35	82.1	2.41	84.5	2.45
		12.7	59.9	1.48	64.9	1.72	70.7	2.00	76.8	2.26	79.1	2.31	82.1	2.37	84.5	2.41
		25.4	59.9	1.35	64.9	1.61	70.7	1.87	76.8	2.11	79.1	2.16	82.1	2.21	84.5	2.25
		31.8	59.9	1.32	64.9	1.57	70.7	1.83	76.8	2.07	79.1	2.11	82.1	2.18	84.5	2.20
		38.1	59.9	1.30	64.9	1.56	70.7	1.81	76.8	2.04	79.1	2.09	82.1	2.16	84.5	2.18
	67	10.2	59.9	1.86	64.9	2.16	70.7	2.51	76.8	2.82	79.1	2.90	82.1	2.96	84.5	3.03
		12.7	59.9	1.82	64.9	2.13	70.7	2.47	76.8	2.78	79.1	2.85	82.1	2.91	84.5	2.98
		25.4	59.9	1.67	64.9	1.98	70.7	2.31	76.8	2.61	79.1	2.67	82.1	2.73	84.5	2.78
		31.8	59.9	1.62	64.9	1.94	70.7	2.26	76.8	2.56	79.1	2.62	82.1	2.68	84.5	2.71
		38.1	59.9	1.60	64.9	1.92	70.7	2.24	76.8	2.53	79.1	2.59	82.1	2.66	84.5	2.67
	75	10.2	59.9	2.26	64.9	2.62	70.7	3.06	76.8	3.45	79.1	3.54	82.1	3.62	84.5	3.69
		12.7	59.9	2.21	64.9	2.58	70.7	3.01	76.8	3.39	79.1	3.48	82.1	3.57	84.5	3.63
		25.4	59.9	2.04	64.9	2.42	70.7	2.82	76.8	3.17	79.1	3.25	82.1	3.33	84.5	3.39
		31.8	59.9	1.98	64.9	2.37	70.7	2.77	76.8	3.11	79.1	3.18	82.1	3.27	84.5	3.31
		38.1	59.9	1.95	64.9	2.35	70.7	2.74	76.8	3.08	79.1	3.15	82.1	3.24	84.5	3.26

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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COOLING CAPACITY DATA

ARWN096BAS4, ARWB096BAS4

96,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
80	86	10.2	59.9	2.79	64.9	3.24	70.7	3.78	76.8	4.25	79.1	4.35	82.1	4.45	84.5	4.54
		12.7	59.9	2.73	64.9	3.18	70.7	3.71	76.8	4.18	79.1	4.28	82.1	4.38	84.5	4.46
		25.4	59.9	2.51	64.9	2.98	70.7	3.47	76.8	3.90	79.1	4.00	82.1	4.09	84.5	4.17
		31.8	59.9	2.43	64.9	2.91	70.7	3.39	76.8	3.82	79.1	3.92	82.1	4.02	84.5	4.06
		38.1	59.9	2.40	64.9	2.88	70.7	3.36	76.8	3.79	79.1	3.89	82.1	3.98	84.5	4.00
	95	10.2	59.9	3.10	64.9	3.60	70.7	4.19	76.8	4.71	79.1	4.82	82.1	4.95	84.5	5.04
		12.7	59.9	3.04	64.9	3.54	70.7	4.12	76.8	4.64	79.1	4.75	82.1	4.87	84.5	4.96
		25.4	59.9	2.79	64.9	3.31	70.7	3.85	76.8	4.34	79.1	4.44	82.1	4.55	84.5	4.64
		31.8	59.9	2.72	64.9	3.23	70.7	3.77	76.8	4.25	79.1	4.35	82.1	4.48	84.5	4.51
		38.1	59.9	2.68	64.9	3.20	70.7	3.74	76.8	4.21	79.1	4.31	82.1	4.44	84.5	4.45
	104	10.2	59.9	3.66	64.9	4.26	70.7	4.96	76.8	5.59	79.1	5.71	82.1	5.86	84.5	5.96
		12.7	59.9	3.59	64.9	4.19	70.7	4.88	76.8	5.50	79.1	5.62	82.1	5.77	84.5	5.86
		25.4	59.9	3.31	64.9	3.91	70.7	4.56	76.8	5.14	79.1	5.26	82.1	5.40	84.5	5.50
		31.8	59.9	3.21	64.9	3.84	70.7	4.46	76.8	5.04	79.1	5.16	82.1	5.29	84.5	5.35
		38.1	59.9	3.16	64.9	3.80	70.7	4.41	76.8	4.99	79.1	5.12	82.1	5.23	84.5	5.28
	113	10.2	59.9	4.22	64.9	4.93	70.7	5.74	76.8	6.46	79.1	6.59	82.1	6.77	84.5	6.88
		12.7	59.9	4.14	64.9	4.84	70.7	5.64	76.8	6.36	79.1	6.49	82.1	6.66	84.5	6.77
		25.4	59.9	3.82	64.9	4.51	70.7	5.27	76.8	5.94	79.1	6.09	82.1	6.25	84.5	6.36
		31.8	59.9	3.70	64.9	4.44	70.7	5.15	76.8	5.83	79.1	5.98	82.1	6.10	84.5	6.18
		38.1	59.9	3.64	64.9	4.40	70.7	5.09	76.8	5.77	79.1	5.92	82.1	6.03	84.5	6.10
70	23	6.7	52.4	0.93	56.8	1.07	61.9	1.26	67.2	1.42	69.2	1.43	71.9	1.48	73.9	1.50
	32	7.5	52.4	0.93	56.8	1.07	61.9	1.26	67.2	1.42	69.2	1.43	71.9	1.48	73.9	1.50
	41	8.7	52.4	0.93	56.8	1.07	61.9	1.26	67.2	1.42	69.2	1.43	71.9	1.48	73.9	1.50
	50	10.2	52.4	0.93	56.8	1.07	61.9	1.26	67.2	1.42	69.2	1.43	71.9	1.48	73.9	1.50
		12.7	52.4	0.91	56.8	1.05	61.9	1.24	67.2	1.40	69.2	1.41	71.9	1.46	73.9	1.48
		25.4	52.4	0.84	56.8	0.99	61.9	1.16	67.2	1.30	69.2	1.32	71.9	1.36	73.9	1.40
		31.8	52.4	0.80	56.8	0.96	61.9	1.12	67.2	1.26	69.2	1.29	71.9	1.34	73.9	1.36
		38.1	52.4	0.79	56.8	0.94	61.9	1.11	67.2	1.25	69.2	1.27	71.9	1.33	73.9	1.34
	59	10.2	52.4	1.25	56.8	1.45	61.9	1.70	67.2	1.91	69.2	1.95	71.9	2.00	73.9	2.04
		12.7	52.4	1.23	56.8	1.43	61.9	1.67	67.2	1.88	69.2	1.92	71.9	1.97	73.9	2.00
		25.4	52.4	1.13	56.8	1.34	61.9	1.56	67.2	1.76	69.2	1.80	71.9	1.84	73.9	1.88
		31.8	52.4	1.09	56.8	1.30	61.9	1.52	67.2	1.72	69.2	1.76	71.9	1.81	73.9	1.83
		38.1	52.4	1.08	56.8	1.28	61.9	1.51	67.2	1.70	69.2	1.74	71.9	1.79	73.9	1.81
	67	10.2	52.4	1.54	56.8	1.79	61.9	2.09	67.2	2.35	69.2	2.41	71.9	2.46	73.9	2.51
		12.7	52.4	1.51	56.8	1.76	61.9	2.05	67.2	2.31	69.2	2.37	71.9	2.42	73.9	2.47
		25.4	52.4	1.39	56.8	1.65	61.9	1.92	67.2	2.16	69.2	2.21	71.9	2.27	73.9	2.31
		31.8	52.4	1.35	56.8	1.61	61.9	1.88	67.2	2.13	69.2	2.18	71.9	2.23	73.9	2.25
		38.1	52.4	1.33	56.8	1.59	61.9	1.86	67.2	2.11	69.2	2.16	71.9	2.20	73.9	2.22
	75	10.2	52.4	1.88	56.8	2.19	61.9	2.55	67.2	2.87	69.2	2.94	71.9	3.01	73.9	3.06
		12.7	52.4	1.84	56.8	2.15	61.9	2.51	67.2	2.83	69.2	2.89	71.9	2.96	73.9	3.01
		25.4	52.4	1.70	56.8	2.02	61.9	2.35	67.2	2.64	69.2	2.71	71.9	2.77	73.9	2.82
		31.8	52.4	1.65	56.8	1.97	61.9	2.30	67.2	2.58	69.2	2.66	71.9	2.72	73.9	2.74
		38.1	52.4	1.62	56.8	1.94	61.9	2.27	67.2	2.55	69.2	2.63	71.9	2.69	73.9	2.71
	86	10.2	52.4	2.32	56.8	2.69	61.9	3.14	67.2	3.52	69.2	3.61	71.9	3.70	73.9	3.76
		12.7	52.4	2.27	56.8	2.64	61.9	3.09	67.2	3.47	69.2	3.55	71.9	3.64	73.9	3.70
		25.4	52.4	2.09	56.8	2.47	61.9	2.88	67.2	3.25	69.2	3.32	71.9	3.41	73.9	3.47
		31.8	52.4	2.03	56.8	2.42	61.9	2.83	67.2	3.18	69.2	3.26	71.9	3.34	73.9	3.38
		38.1	52.4	2.00	56.8	2.40	61.9	2.80	67.2	3.15	69.2	3.23	71.9	3.31	73.9	3.34
	95	10.2	52.4	2.57	56.8	2.99	61.9	3.49	67.2	3.93	69.2	4.01	71.9	4.11	73.9	4.18
		12.7	52.4	2.52	56.8	2.94	61.9	3.43	67.2	3.86	69.2	3.95	71.9	4.05	73.9	4.12
		25.4	52.4	2.32	56.8	2.75	61.9	3.20	67.2	3.60	69.2	3.69	71.9	3.79	73.9	3.86
		31.8	52.4	2.25	56.8	2.69	61.9	3.14	67.2	3.54	69.2	3.63	71.9	3.71	73.9	3.75
		38.1	52.4	2.21	56.8	2.66	61.9	3.10	67.2	3.51	69.2	3.60	71.9	3.68	73.9	3.70
	104	10.2	52.4	3.05	56.8	3.54	61.9	4.13	67.2	4.64	69.2	4.75	71.9	4.87	73.9	4.96
		12.7	52.4	2.99	56.8	3.48	61.9	4.06	67.2	4.56	69.2	4.67	71.9	4.80	73.9	4.88
		25.4	52.4	2.74	56.8	3.26	61.9	3.79	67.2	4.27	69.2	4.38	71.9	4.49	73.9	4.56
		31.8	52.4	2.67	56.8	3.18	61.9	3.71	67.2	4.19	69.2	4.29	71.9	4.40	73.9	4.45
		38.1	52.4	2.63	56.8	3.15	61.9	3.68	67.2	4.16	69.2	4.25	71.9	4.36	73.9	4.40

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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COOLING CAPACITY DATA

ARWN096BAS4, ARWB096BAS4

96,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
70	113	10.2	52.4	3.53	56.8	4.09	61.9	4.76	67.2	5.35	69.2	5.48	71.9	5.64	73.9	5.74
		12.7	52.4	3.46	56.8	4.02	61.9	4.68	67.2	5.26	69.2	5.40	71.9	5.55	73.9	5.64
		25.4	52.4	3.16	56.8	3.76	61.9	4.38	67.2	4.93	69.2	5.07	71.9	5.19	73.9	5.26
		31.8	52.4	3.09	56.8	3.68	61.9	4.29	67.2	4.84	69.2	4.96	71.9	5.09	73.9	5.15
		38.1	52.4	3.05	56.8	3.63	61.9	4.25	67.2	4.80	69.2	4.90	71.9	5.04	73.9	5.10
60	23	6.7	44.9	0.75	48.7	0.87	52.9	1.00	57.6	1.13	59.3	1.16	61.6	1.20	63.3	1.20
	32	7.5	44.9	0.75	48.7	0.87	52.9	1.00	57.6	1.13	59.3	1.16	61.6	1.20	63.3	1.20
	41	8.7	44.9	0.75	48.7	0.87	52.9	1.00	57.6	1.13	59.3	1.16	61.6	1.20	63.3	1.20
	50	10.2	44.9	0.75	48.7	0.87	52.9	1.00	57.6	1.13	59.3	1.16	61.6	1.20	63.3	1.20
		12.7	44.9	0.73	48.7	0.85	52.9	0.98	57.6	1.11	59.3	1.14	61.6	1.17	63.3	1.18
		25.4	44.9	0.66	48.7	0.79	52.9	0.91	57.6	1.04	59.3	1.04	61.6	1.08	63.3	1.11
		31.8	44.9	0.64	48.7	0.77	52.9	0.90	57.6	1.02	59.3	1.03	61.6	1.05	63.3	1.06
		38.1	44.9	0.63	48.7	0.76	52.9	0.89	57.6	1.01	59.3	1.02	61.6	1.04	63.3	1.04
	59	10.2	44.9	1.01	48.7	1.16	52.9	1.35	57.6	1.52	59.3	1.56	61.6	1.60	63.3	1.62
		12.7	44.9	0.98	48.7	1.14	52.9	1.33	57.6	1.50	59.3	1.54	61.6	1.57	63.3	1.60
		25.4	44.9	0.90	48.7	1.07	52.9	1.24	57.6	1.40	59.3	1.43	61.6	1.46	63.3	1.50
		31.8	44.9	0.87	48.7	1.05	52.9	1.22	57.6	1.38	59.3	1.40	61.6	1.44	63.3	1.45
		38.1	44.9	0.86	48.7	1.03	52.9	1.21	57.6	1.36	59.3	1.39	61.6	1.43	63.3	1.43
	67	10.2	44.9	1.23	48.7	1.42	52.9	1.66	57.6	1.88	59.3	1.92	61.6	1.96	63.3	2.00
		12.7	44.9	1.20	48.7	1.40	52.9	1.64	57.6	1.84	59.3	1.89	61.6	1.93	63.3	1.97
		25.4	44.9	1.11	48.7	1.32	52.9	1.54	57.6	1.72	59.3	1.77	61.6	1.81	63.3	1.84
		31.8	44.9	1.08	48.7	1.29	52.9	1.50	57.6	1.70	59.3	1.73	61.6	1.78	63.3	1.80
		38.1	44.9	1.07	48.7	1.28	52.9	1.48	57.6	1.68	59.3	1.72	61.6	1.77	63.3	1.77
	75	10.2	44.9	1.51	48.7	1.74	52.9	2.02	57.6	2.29	59.3	2.34	61.6	2.40	63.3	2.43
		12.7	44.9	1.48	48.7	1.71	52.9	1.99	57.6	2.25	59.3	2.30	61.6	2.36	63.3	2.40
		25.4	44.9	1.35	48.7	1.60	52.9	1.87	57.6	2.10	59.3	2.15	61.6	2.21	63.3	2.25
		31.8	44.9	1.32	48.7	1.57	52.9	1.83	57.6	2.07	59.3	2.11	61.6	2.16	63.3	2.19
		38.1	44.9	1.30	48.7	1.56	52.9	1.81	57.6	2.05	59.3	2.10	61.6	2.14	63.3	2.16
	86	10.2	44.9	1.84	48.7	2.15	52.9	2.50	57.6	2.81	59.3	2.87	61.6	2.95	63.3	3.00
		12.7	44.9	1.81	48.7	2.11	52.9	2.46	57.6	2.77	59.3	2.83	61.6	2.90	63.3	2.95
		25.4	44.9	1.66	48.7	1.97	52.9	2.30	57.6	2.58	59.3	2.64	61.6	2.72	63.3	2.77
		31.8	44.9	1.62	48.7	1.93	52.9	2.25	57.6	2.53	59.3	2.59	61.6	2.67	63.3	2.69
		38.1	44.9	1.60	48.7	1.91	52.9	2.23	57.6	2.51	59.3	2.57	61.6	2.64	63.3	2.66
	95	10.2	44.9	2.04	48.7	2.39	52.9	2.77	57.6	3.12	59.3	3.20	61.6	3.27	63.3	3.34
		12.7	44.9	2.00	48.7	2.35	52.9	2.73	57.6	3.07	59.3	3.15	61.6	3.22	63.3	3.28
		25.4	44.9	1.84	48.7	2.19	52.9	2.56	57.6	2.88	59.3	2.94	61.6	3.02	63.3	3.07
		31.8	44.9	1.80	48.7	2.14	52.9	2.50	57.6	2.82	59.3	2.89	61.6	2.96	63.3	2.99
		38.1	44.9	1.77	48.7	2.11	52.9	2.47	57.6	2.79	59.3	2.86	61.6	2.93	63.3	2.94
	104	10.2	44.9	2.44	48.7	2.83	52.9	3.29	57.6	3.70	59.3	3.79	61.6	3.89	63.3	3.95
		12.7	44.9	2.39	48.7	2.78	52.9	3.23	57.6	3.64	59.3	3.73	61.6	3.82	63.3	3.89
		25.4	44.9	2.19	48.7	2.59	52.9	3.02	57.6	3.41	59.3	3.48	61.6	3.58	63.3	3.64
		31.8	44.9	2.13	48.7	2.55	52.9	2.96	57.6	3.33	59.3	3.42	61.6	3.50	63.3	3.54
		38.1	44.9	2.10	48.7	2.52	52.9	2.93	57.6	3.30	59.3	3.39	61.6	3.47	63.3	3.49
	113	10.2	44.9	2.83	48.7	3.26	52.9	3.80	57.6	4.27	59.3	4.37	61.6	4.50	63.3	4.56
		12.7	44.9	2.77	48.7	3.21	52.9	3.74	57.6	4.21	59.3	4.30	61.6	4.43	63.3	4.49
		25.4	44.9	2.53	48.7	3.00	52.9	3.49	57.6	3.93	59.3	4.02	61.6	4.13	63.3	4.21
		31.8	44.9	2.46	48.7	2.95	52.9	3.43	57.6	3.85	59.3	3.95	61.6	4.05	63.3	4.09
		38.1	44.9	2.42	48.7	2.93	52.9	3.40	57.6	3.81	59.3	3.91	61.6	4.00	63.3	4.04
50	23	6.7	37.5	0.54	40.5	0.64	44.1	0.77	48.0	0.84	49.5	0.85	51.3	0.88	52.8	0.90
	32	7.5	37.5	0.54	40.5	0.64	44.1	0.77	48.0	0.84	49.5	0.85	51.3	0.88	52.8	0.90
	41	8.7	37.5	0.54	40.5	0.64	44.1	0.77	48.0	0.84	49.5	0.85	51.3	0.88	52.8	0.90
	50	10.2	37.5	0.54	40.5	0.64	44.1	0.77	48.0	0.84	49.5	0.85	51.3	0.88	52.8	0.90
		12.7	37.5	0.53	40.5	0.63	44.1	0.75	48.0	0.83	49.5	0.84	51.3	0.86	52.8	0.89
		25.4	37.5	0.51	40.5	0.59	44.1	0.67	48.0	0.77	49.5	0.79	51.3	0.80	52.8	0.83
		31.8	37.5	0.49	40.5	0.57	44.1	0.67	48.0	0.74	49.5	0.77	51.3	0.78	52.8	0.79
		38.1	37.5	0.47	40.5	0.55	44.1	0.68	48.0	0.73	49.5	0.76	51.3	0.77	52.8	0.77
	59	10.2	37.5	0.74	40.5	0.86	44.1	1.01	48.0	1.14	49.5	1.16	51.3	1.19	52.8	1.21
		12.7	37.5	0.73	40.5	0.85	44.1	1.00	48.0	1.12	49.5	1.14	51.3	1.17	52.8	1.19
		25.4	37.5	0.68	40.5	0.80	44.1	0.92	48.0	1.05	49.5	1.07	51.3	1.09	52.8	1.12
		31.8	37.5	0.65	40.5	0.77	44.1	0.91	48.0	1.02	49.5	1.05	51.3	1.07	52.8	1.08
		38.1	37.5	0.64	40.5	0.76	44.1	0.90	48.0	1.01	49.5	1.03	51.3	1.06	52.8	1.06

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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COOLING CAPACITY DATA

ARWN096BAS4, ARWB096BAS4

96,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
50	67	10.2	37.5	0.92	40.5	1.06	44.1	1.24	48.0	1.40	49.5	1.44	51.3	1.46	52.8	1.48
		12.7	37.5	0.90	40.5	1.05	44.1	1.22	48.0	1.38	49.5	1.41	51.3	1.44	52.8	1.46
		25.4	37.5	0.82	40.5	0.98	44.1	1.14	48.0	1.29	49.5	1.32	51.3	1.35	52.8	1.38
		31.8	37.5	0.80	40.5	0.96	44.1	1.12	48.0	1.27	49.5	1.29	51.3	1.33	52.8	1.34
		38.1	37.5	0.79	40.5	0.95	44.1	1.11	48.0	1.25	49.5	1.28	51.3	1.32	52.8	1.32
	75	10.2	37.5	1.12	40.5	1.30	44.1	1.51	48.0	1.70	49.5	1.75	51.3	1.79	52.8	1.83
		12.7	37.5	1.09	40.5	1.28	44.1	1.49	48.0	1.67	49.5	1.72	51.3	1.76	52.8	1.80
		25.4	37.5	1.01	40.5	1.19	44.1	1.39	48.0	1.57	49.5	1.61	51.3	1.65	52.8	1.67
		31.8	37.5	0.98	40.5	1.17	44.1	1.36	48.0	1.54	49.5	1.57	51.3	1.61	52.8	1.64
		38.1	37.5	0.97	40.5	1.16	44.1	1.35	48.0	1.52	49.5	1.56	51.3	1.59	52.8	1.62
	86	10.2	37.5	1.38	40.5	1.60	44.1	1.86	48.0	2.10	49.5	2.15	51.3	2.20	52.8	2.24
		12.7	37.5	1.35	40.5	1.57	44.1	1.83	48.0	2.07	49.5	2.11	51.3	2.16	52.8	2.20
		25.4	37.5	1.24	40.5	1.48	44.1	1.71	48.0	1.93	49.5	1.98	51.3	2.03	52.8	2.07
		31.8	37.5	1.20	40.5	1.44	44.1	1.67	48.0	1.89	49.5	1.94	51.3	1.99	52.8	2.00
		38.1	37.5	1.19	40.5	1.42	44.1	1.65	48.0	1.88	49.5	1.92	51.3	1.97	52.8	1.97
	95	10.2	37.5	1.53	40.5	1.77	44.1	2.08	48.0	2.32	49.5	2.39	51.3	2.45	52.8	2.49
		12.7	37.5	1.50	40.5	1.75	44.1	2.04	48.0	2.29	49.5	2.35	51.3	2.41	52.8	2.45
		25.4	37.5	1.38	40.5	1.64	44.1	1.91	48.0	2.14	49.5	2.19	51.3	2.25	52.8	2.29
		31.8	37.5	1.34	40.5	1.60	44.1	1.87	48.0	2.10	49.5	2.15	51.3	2.21	52.8	2.23
		38.1	37.5	1.32	40.5	1.58	44.1	1.85	48.0	2.08	49.5	2.13	51.3	2.19	52.8	2.19
	104	10.2	37.5	1.80	40.5	2.10	44.1	2.45	48.0	2.76	49.5	2.83	51.3	2.90	52.8	2.95
		12.7	37.5	1.77	40.5	2.07	44.1	2.41	48.0	2.72	49.5	2.78	51.3	2.85	52.8	2.90
		25.4	37.5	1.64	40.5	1.93	44.1	2.25	48.0	2.53	49.5	2.59	51.3	2.67	52.8	2.72
		31.8	37.5	1.59	40.5	1.89	44.1	2.21	48.0	2.48	49.5	2.55	51.3	2.62	52.8	2.64
		38.1	37.5	1.56	40.5	1.88	44.1	2.19	48.0	2.46	49.5	2.52	51.3	2.59	52.8	2.61
	113	10.2	37.5	2.08	40.5	2.43	44.1	2.83	48.0	3.20	49.5	3.26	51.3	3.35	52.8	3.41
		12.7	37.5	2.04	40.5	2.39	44.1	2.78	48.0	3.15	49.5	3.21	51.3	3.30	52.8	3.36
		25.4	37.5	1.89	40.5	2.23	44.1	2.59	48.0	2.93	49.5	3.00	51.3	3.09	52.8	3.15
		31.8	37.5	1.83	40.5	2.19	44.1	2.56	48.0	2.86	49.5	2.94	51.3	3.02	52.8	3.06
		38.1	37.5	1.80	40.5	2.17	44.1	2.54	48.0	2.83	49.5	2.91	51.3	2.99	52.8	3.02

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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COOLING CAPACITY DATA

ARWN121BAS4, ARWB121BAS4

121,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
130	23	8.1	111.4	2.36	120.7	2.76	131.8	3.22	142.9	3.63	147.1	3.73	152.9	3.80	157.1	3.83
	32	9.0	111.4	2.36	120.7	2.76	131.8	3.22	142.9	3.63	147.1	3.73	152.9	3.80	157.1	3.83
	41	10.4	111.4	2.36	120.7	2.76	131.8	3.22	142.9	3.63	147.1	3.73	152.9	3.80	157.1	3.83
	50	12.2	111.4	2.36	120.7	2.76	131.8	3.22	142.9	3.63	147.1	3.73	152.9	3.80	157.1	3.83
		15.2	111.4	2.31	120.7	2.72	131.8	3.17	142.9	3.57	147.1	3.66	152.9	3.74	157.1	3.78
		30.4	111.4	2.15	120.7	2.55	131.8	2.97	142.9	3.34	147.1	3.40	152.9	3.51	157.1	3.58
		38.0	111.4	2.09	120.7	2.49	131.8	2.90	142.9	3.26	147.1	3.35	152.9	3.43	157.1	3.49
		45.6	111.4	2.05	120.7	2.46	131.8	2.87	142.9	3.22	147.1	3.33	152.9	3.39	157.1	3.44
	59	12.2	109.7	3.11	118.8	3.62	129.5	4.22	140.7	4.76	144.8	4.87	150.5	4.98	154.7	5.06
		15.2	109.7	3.05	118.8	3.56	129.5	4.15	140.7	4.68	144.8	4.79	150.5	4.91	154.7	4.98
		30.4	109.7	2.81	118.8	3.34	129.5	3.88	140.7	4.38	144.8	4.47	150.5	4.60	154.7	4.70
		38.0	109.7	2.73	118.8	3.26	129.5	3.80	140.7	4.28	144.8	4.39	150.5	4.51	154.7	4.59
		45.6	109.7	2.69	118.8	3.22	129.5	3.76	140.7	4.23	144.8	4.35	150.5	4.46	154.7	4.53
	67	12.2	108.2	3.78	117.2	4.38	127.5	5.12	138.7	5.76	142.8	5.89	148.3	6.04	152.5	6.15
		15.2	108.2	3.71	117.2	4.31	127.5	5.03	138.7	5.67	142.8	5.80	148.3	5.94	152.5	6.06
		30.4	108.2	3.40	117.2	4.04	127.5	4.70	138.7	5.30	142.8	5.43	148.3	5.58	152.5	5.69
		38.0	108.2	3.31	117.2	3.95	127.5	4.60	138.7	5.19	142.8	5.32	148.3	5.46	152.5	5.56
		45.6	108.2	3.26	117.2	3.90	127.5	4.55	138.7	5.14	142.8	5.26	148.3	5.41	152.5	5.50
	75	12.2	108.2	4.66	117.2	5.41	127.5	6.30	138.7	7.10	142.8	7.27	148.3	7.45	152.5	7.57
		15.2	108.2	4.57	117.2	5.32	127.5	6.20	138.7	6.98	142.8	7.16	148.3	7.33	152.5	7.46
		30.4	108.2	4.20	117.2	4.98	127.5	5.80	138.7	6.53	142.8	6.69	148.3	6.87	152.5	7.01
		38.0	108.2	4.09	117.2	4.87	127.5	5.69	138.7	6.41	142.8	6.57	148.3	6.74	152.5	6.85
		45.6	108.2	4.03	117.2	4.82	127.5	5.63	138.7	6.34	142.8	6.50	148.3	6.68	152.5	6.77
	86	12.2	108.2	5.59	117.2	6.50	127.5	7.57	138.7	8.53	142.8	8.72	148.3	8.94	152.5	9.08
		15.2	108.2	5.48	117.2	6.39	127.5	7.45	138.7	8.39	142.8	8.58	148.3	8.80	152.5	8.95
		30.4	108.2	5.03	117.2	5.98	127.5	6.97	138.7	7.84	142.8	8.04	148.3	8.24	152.5	8.42
		38.0	108.2	4.91	117.2	5.85	127.5	6.82	138.7	7.69	142.8	7.89	148.3	8.08	152.5	8.23
		45.6	108.2	4.84	117.2	5.78	127.5	6.75	138.7	7.61	142.8	7.82	148.3	8.00	152.5	8.13
	95	12.2	97.3	5.66	105.3	6.58	114.8	7.65	124.8	8.63	128.5	8.81	133.5	9.04	137.2	9.20
		15.2	97.3	5.54	105.3	6.47	114.8	7.53	124.8	8.48	128.5	8.68	133.5	8.90	137.2	9.06
		30.4	97.3	5.10	105.3	6.04	114.8	7.05	124.8	7.92	128.5	8.13	133.5	8.34	137.2	8.50
		38.0	97.3	4.95	105.3	5.91	114.8	6.90	124.8	7.76	128.5	7.97	133.5	8.18	137.2	8.32
		45.6	97.3	4.88	105.3	5.85	114.8	6.83	124.8	7.69	128.5	7.89	133.5	8.10	137.2	8.24
	104	12.2	86.5	5.97	93.7	6.94	102.0	8.07	110.8	9.10	114.2	9.30	118.7	9.52	122.0	9.70
		15.2	86.5	5.85	93.7	6.82	102.0	7.94	110.8	8.95	114.2	9.15	118.7	9.38	122.0	9.55
		30.4	86.5	5.37	93.7	6.37	102.0	7.43	110.8	8.36	114.2	8.56	118.7	8.80	122.0	8.98
		38.0	86.5	5.22	93.7	6.23	102.0	7.27	110.8	8.20	114.2	8.40	118.7	8.63	122.0	8.77
		45.6	86.5	5.15	93.7	6.16	102.0	7.19	110.8	8.12	114.2	8.32	118.7	8.54	122.0	8.67
	113	12.2	75.7	6.28	82.0	7.29	89.2	8.49	96.8	9.57	99.8	9.80	103.8	10.01	106.8	10.20
		15.2	75.7	6.15	82.0	7.17	89.2	8.36	96.8	9.41	99.8	9.63	103.8	9.86	106.8	10.05
		30.4	75.7	5.64	82.0	6.71	89.2	7.81	96.8	8.79	99.8	9.00	103.8	9.27	106.8	9.46
		38.0	75.7	5.50	82.0	6.55	89.2	7.64	96.8	8.63	99.8	8.84	103.8	9.08	106.8	9.22
		45.6	75.7	5.42	82.0	6.47	89.2	7.55	96.8	8.55	99.8	8.76	103.8	8.98	106.8	9.10
120	23	8.1	105.5	2.25	114.3	2.60	124.3	3.06	135.3	3.43	139.5	3.53	144.9	3.61	148.9	3.67
	32	9.0	105.5	2.25	114.3	2.60	124.3	3.06	135.3	3.43	139.5	3.53	144.9	3.61	148.9	3.67
	41	10.4	105.5	2.25	114.3	2.60	124.3	3.06	135.3	3.43	139.5	3.53	144.9	3.61	148.9	3.67
	50	12.2	105.5	2.25	114.3	2.60	124.3	3.06	135.3	3.43	139.5	3.53	144.9	3.61	148.9	3.67
		15.2	105.5	2.20	114.3	2.56	124.3	3.01	135.3	3.38	139.5	3.47	144.9	3.55	148.9	3.61
		30.4	105.5	2.02	114.3	2.39	124.3	2.79	135.3	3.16	139.5	3.22	144.9	3.32	148.9	3.36
		38.0	105.5	1.99	114.3	2.34	124.3	2.76	135.3	3.10	139.5	3.16	144.9	3.25	148.9	3.30
		45.6	105.5	1.98	114.3	2.32	124.3	2.75	135.3	3.07	139.5	3.13	144.9	3.22	148.9	3.27
	59	12.2	104.3	2.98	113.0	3.46	123.0	4.05	133.8	4.55	137.8	4.66	143.2	4.77	147.2	4.85
		15.2	104.3	2.92	113.0	3.40	123.0	3.98	133.8	4.47	137.8	4.59	143.2	4.70	147.2	4.78
		30.4	104.3	2.68	113.0	3.18	123.0	3.71	133.8	4.19	137.8	4.28	143.2	4.39	147.2	4.47
		38.0	104.3	2.62	113.0	3.12	123.0	3.64	133.8	4.11	137.8	4.20	143.2	4.31	147.2	4.38
		45.6	104.3	2.59	113.0	3.08	123.0	3.61	133.8	4.07	137.8	4.16	143.2	4.27	147.2	4.33
	67	12.2	103.3	3.64	111.8	4.22	121.8	4.92	132.5	5.54	136.3	5.66	141.7	5.81	145.7	5.90
		15.2	103.3	3.56	111.8	4.15	121.8	4.84	132.5	5.45	136.3	5.58	141.7	5.72	145.7	5.82
		30.4	103.3	3.28	111.8	3.88	121.8	4.52	132.5	5.10	136.3	5.22	141.7	5.35	145.7	5.46
		38.0	103.3	3.18	111.8	3.80	121.8	4.43	132.5	5.00	136.3	5.13	141.7	5.26	145.7	5.34
		45.6	103.3	3.13	111.8	3.76	121.8	4.38	132.5	4.95	136.3	5.08	141.7	5.21	145.7	5.27

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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COOLING CAPACITY DATA

ARWN121BAS4, ARWB121BAS4

121,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
120	75	12.2	103.3	4.47	111.8	5.18	121.8	6.04	132.5	6.80	136.3	6.97	141.7	7.14	145.7	7.27
		15.2	103.3	4.38	111.8	5.10	121.8	5.94	132.5	6.69	136.3	6.85	141.7	7.03	145.7	7.16
		30.4	103.3	4.03	111.8	4.78	121.8	5.56	132.5	6.26	136.3	6.41	141.7	6.58	145.7	6.71
		38.0	103.3	3.91	111.8	4.67	121.8	5.45	132.5	6.14	136.3	6.30	141.7	6.45	145.7	6.55
		45.6	103.3	3.86	111.8	4.61	121.8	5.39	132.5	6.07	136.3	6.24	141.7	6.39	145.7	6.47
	86	12.2	103.3	5.39	111.8	6.27	121.8	7.31	132.5	8.23	136.3	8.43	141.7	8.64	145.7	8.78
		15.2	103.3	5.29	111.8	6.17	121.8	7.19	132.5	8.10	136.3	8.29	141.7	8.50	145.7	8.64
		30.4	103.3	4.87	111.8	5.77	121.8	6.73	132.5	7.57	136.3	7.75	141.7	7.96	145.7	8.12
		38.0	103.3	4.73	111.8	5.64	121.8	6.58	132.5	7.41	136.3	7.61	141.7	7.81	145.7	7.92
		45.6	103.3	4.66	111.8	5.58	121.8	6.51	132.5	7.33	136.3	7.53	141.7	7.74	145.7	7.83
	95	12.2	94.5	5.53	102.3	6.43	111.5	7.49	121.2	8.43	124.8	8.64	129.7	8.84	133.3	9.01
		15.2	94.5	5.42	102.3	6.33	111.5	7.37	121.2	8.29	124.8	8.50	129.7	8.71	133.3	8.87
		30.4	94.5	4.98	102.3	5.91	111.5	6.89	121.2	7.76	124.8	7.96	129.7	8.16	133.3	8.31
		38.0	94.5	4.86	102.3	5.78	111.5	6.74	121.2	7.61	124.8	7.80	129.7	8.00	133.3	8.12
		45.6	94.5	4.79	102.3	5.72	111.5	6.67	121.2	7.53	124.8	7.72	129.7	7.93	133.3	8.02
	104	12.2	85.8	5.95	92.8	6.92	101.2	8.05	110.0	9.08	113.2	9.29	117.7	9.51	121.0	9.69
		15.2	85.8	5.83	92.8	6.81	101.2	7.92	110.0	8.93	113.2	9.14	117.7	9.36	121.0	9.54
		30.4	85.8	5.37	92.8	6.36	101.2	7.41	110.0	8.36	113.2	8.55	117.7	8.77	121.0	8.95
		38.0	85.8	5.22	92.8	6.23	101.2	7.27	110.0	8.18	113.2	8.39	117.7	8.61	121.0	8.74
		45.6	85.8	5.15	92.8	6.17	101.2	7.20	110.0	8.09	113.2	8.31	117.7	8.53	121.0	8.64
	113	12.2	77.2	6.37	83.3	7.41	90.8	8.62	98.8	9.73	101.5	9.94	105.7	10.18	108.7	10.37
		15.2	77.2	6.25	83.3	7.29	90.8	8.48	98.8	9.57	101.5	9.78	105.7	10.02	108.7	10.21
		30.4	77.2	5.75	83.3	6.81	90.8	7.94	98.8	8.95	101.5	9.14	105.7	9.38	108.7	9.59
		38.0	77.2	5.59	83.3	6.68	90.8	7.80	98.8	8.76	101.5	8.98	105.7	9.22	108.7	9.36
		45.6	77.2	5.51	83.3	6.61	90.8	7.73	98.8	8.66	101.5	8.90	105.7	9.14	108.7	9.25
110	23	8.1	99.6	2.14	107.7	2.48	117.2	2.86	127.6	3.24	131.4	3.29	136.8	3.40	140.3	3.44
	32	9.0	99.6	2.14	107.7	2.48	117.2	2.86	127.6	3.24	131.4	3.29	136.8	3.40	140.3	3.44
	41	10.4	99.6	2.14	107.7	2.48	117.2	2.86	127.6	3.24	131.4	3.29	136.8	3.40	140.3	3.44
	50	12.2	99.6	2.14	107.7	2.48	117.2	2.86	127.6	3.24	131.4	3.29	136.8	3.40	140.3	3.44
		15.2	99.6	2.10	107.7	2.43	117.2	2.82	127.6	3.19	131.4	3.25	136.8	3.34	140.3	3.39
		30.4	99.6	1.93	107.7	2.26	117.2	2.65	127.6	2.99	131.4	3.07	136.8	3.11	140.3	3.17
		38.0	99.6	1.86	107.7	2.22	117.2	2.59	127.6	2.93	131.4	2.99	136.8	3.05	140.3	3.13
		45.6	99.6	1.83	107.7	2.19	117.2	2.56	127.6	2.90	131.4	2.95	136.8	3.01	140.3	3.11
	59	12.2	99.0	2.85	107.2	3.32	116.7	3.85	126.8	4.33	130.7	4.43	135.8	4.55	139.5	4.63
		15.2	99.0	2.80	107.2	3.26	116.7	3.79	126.8	4.27	130.7	4.36	135.8	4.47	139.5	4.55
		30.4	99.0	2.57	107.2	3.04	116.7	3.55	126.8	3.99	130.7	4.09	135.8	4.19	139.5	4.27
		38.0	99.0	2.49	107.2	2.97	116.7	3.47	126.8	3.91	130.7	4.01	135.8	4.11	139.5	4.17
		45.6	99.0	2.45	107.2	2.94	116.7	3.43	126.8	3.87	130.7	3.97	135.8	4.07	139.5	4.12
	67	12.2	98.5	3.49	106.7	4.06	116.2	4.73	126.2	5.31	130.0	5.44	135.0	5.56	138.8	5.68
		15.2	98.5	3.42	106.7	3.99	116.2	4.65	126.2	5.22	130.0	5.35	135.0	5.48	138.8	5.59
		30.4	98.5	3.15	106.7	3.72	116.2	4.35	126.2	4.89	130.0	5.00	135.0	5.14	138.8	5.24
		38.0	98.5	3.05	106.7	3.64	116.2	4.25	126.2	4.79	130.0	4.92	135.0	5.05	138.8	5.10
		45.6	98.5	3.00	106.7	3.60	116.2	4.20	126.2	4.75	130.0	4.88	135.0	5.00	138.8	5.03
	75	12.2	98.5	4.27	106.7	4.97	116.2	5.78	126.2	6.51	130.0	6.66	135.0	6.82	138.8	6.95
		15.2	98.5	4.19	106.7	4.89	116.2	5.69	126.2	6.41	130.0	6.55	135.0	6.71	138.8	6.84
		30.4	98.5	3.85	106.7	4.57	116.2	5.32	126.2	5.99	130.0	6.14	135.0	6.30	138.8	6.41
		38.0	98.5	3.74	106.7	4.47	116.2	5.21	126.2	5.86	130.0	6.02	135.0	6.17	138.8	6.25
		45.6	98.5	3.68	106.7	4.43	116.2	5.15	126.2	5.80	130.0	5.97	135.0	6.10	138.8	6.17
	86	12.2	98.5	5.20	106.7	6.06	116.2	7.05	126.2	7.94	130.0	8.12	135.0	8.33	138.8	8.47
		15.2	98.5	5.10	106.7	5.96	116.2	6.93	126.2	7.81	130.0	7.99	135.0	8.20	138.8	8.34
		30.4	98.5	4.70	106.7	5.56	116.2	6.49	126.2	7.30	130.0	7.48	135.0	7.67	138.8	7.81
		38.0	98.5	4.57	106.7	5.45	116.2	6.34	126.2	7.16	130.0	7.33	135.0	7.53	138.8	7.62
		45.6	98.5	4.51	106.7	5.39	116.2	6.27	126.2	7.09	130.0	7.26	135.0	7.45	138.8	7.53
	95	12.2	91.7	5.41	99.3	6.28	108.2	7.32	117.7	8.25	121.2	8.44	125.8	8.65	129.3	8.82
		15.2	91.7	5.30	99.3	6.18	108.2	7.21	117.7	8.12	121.2	8.31	125.8	8.52	129.3	8.68
		30.4	91.7	4.87	99.3	5.78	108.2	6.74	117.7	7.59	121.2	7.78	125.8	7.97	129.3	8.12
		38.0	91.7	4.75	99.3	5.66	108.2	6.60	117.7	7.45	121.2	7.62	125.8	7.83	129.3	7.92
		45.6	91.7	4.68	99.3	5.59	108.2	6.53	117.7	7.37	121.2	7.54	125.8	7.76	129.3	7.83

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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COOLING CAPACITY DATA

ARWN121BAS4, ARWB121BAS4

121,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
110	104	12.2	85.0	5.95	92.0	6.90	100.3	8.06	109.0	9.06	112.2	9.27	116.7	9.50	119.8	9.67
		15.2	85.0	5.83	92.0	6.79	100.3	7.92	109.0	8.92	112.2	9.12	116.7	9.35	119.8	9.52
		30.4	85.0	5.35	92.0	6.36	100.3	7.40	109.0	8.34	112.2	8.53	116.7	8.76	119.8	8.93
		38.0	85.0	5.21	92.0	6.22	100.3	7.25	109.0	8.18	112.2	8.37	116.7	8.60	119.8	8.71
		45.6	85.0	5.14	92.0	6.14	100.3	7.18	109.0	8.10	112.2	8.29	116.7	8.52	119.8	8.60
	113	12.2	78.3	6.49	84.7	7.51	92.5	8.79	100.3	9.87	103.2	10.10	107.5	10.34	110.3	10.53
		15.2	78.3	6.36	84.7	7.40	92.5	8.64	100.3	9.71	103.2	9.94	107.5	10.18	110.3	10.37
		30.4	78.3	5.83	84.7	6.93	92.5	8.05	100.3	9.09	103.2	9.28	107.5	9.54	110.3	9.75
		38.0	78.3	5.67	84.7	6.77	92.5	7.91	100.3	8.92	103.2	9.12	107.5	9.36	110.3	9.49
		45.6	78.3	5.59	84.7	6.69	92.5	7.84	100.3	8.83	103.2	9.04	107.5	9.28	110.3	9.36
100	23	8.1	93.7	1.99	101.3	2.33	110.3	2.70	120.0	3.02	123.7	3.10	128.3	3.20	132.0	3.27
	32	9.0	93.7	1.99	101.3	2.33	110.3	2.70	120.0	3.02	123.7	3.10	128.3	3.20	132.0	3.27
	41	10.4	93.7	1.99	101.3	2.33	110.3	2.70	120.0	3.02	123.7	3.10	128.3	3.20	132.0	3.27
	50	12.2	93.7	1.99	101.3	2.33	110.3	2.70	120.0	3.02	123.7	3.10	128.3	3.20	132.0	3.27
		15.2	93.7	1.95	101.3	2.29	110.3	2.66	120.0	2.98	123.7	3.06	128.3	3.15	132.0	3.21
		30.4	93.7	1.80	101.3	2.12	110.3	2.49	120.0	2.81	123.7	2.89	128.3	2.95	132.0	2.98
		38.0	93.7	1.77	101.3	2.07	110.3	2.44	120.0	2.73	123.7	2.81	128.3	2.89	132.0	2.94
		45.6	93.7	1.76	101.3	2.05	110.3	2.42	120.0	2.69	123.7	2.77	128.3	2.86	132.0	2.92
	59	12.2	93.7	2.70	101.3	3.15	110.3	3.67	120.0	4.12	123.7	4.22	128.3	4.33	132.0	4.42
		15.2	93.7	2.65	101.3	3.10	110.3	3.61	120.0	4.06	123.7	4.15	128.3	4.27	132.0	4.35
		30.4	93.7	2.44	101.3	2.89	110.3	3.37	120.0	3.80	123.7	3.90	128.3	3.99	132.0	4.06
		38.0	93.7	2.38	101.3	2.83	110.3	3.31	120.0	3.72	123.7	3.82	128.3	3.91	132.0	3.96
		45.6	93.7	2.35	101.3	2.80	110.3	3.28	120.0	3.68	123.7	3.78	128.3	3.87	132.0	3.91
	67	12.2	93.7	3.34	101.3	3.88	110.3	4.53	120.0	5.10	123.7	5.21	128.3	5.34	132.0	5.44
		15.2	93.7	3.28	101.3	3.82	110.3	4.46	120.0	5.02	123.7	5.13	128.3	5.26	132.0	5.35
		30.4	93.7	3.02	101.3	3.58	110.3	4.15	120.0	4.68	123.7	4.79	128.3	4.92	132.0	5.02
		38.0	93.7	2.92	101.3	3.50	110.3	4.07	120.0	4.60	123.7	4.71	128.3	4.83	132.0	4.87
		45.6	93.7	2.88	101.3	3.46	110.3	4.03	120.0	4.56	123.7	4.67	128.3	4.78	132.0	4.80
	75	12.2	93.7	4.08	101.3	4.74	110.3	5.52	120.0	6.22	123.7	6.37	128.3	6.51	132.0	6.64
		15.2	93.7	3.99	101.3	4.67	110.3	5.43	120.0	6.12	123.7	6.26	128.3	6.41	132.0	6.53
		30.4	93.7	3.67	101.3	4.36	110.3	5.08	120.0	5.72	123.7	5.85	128.3	6.01	132.0	6.10
		38.0	93.7	3.58	101.3	4.27	110.3	4.97	120.0	5.61	123.7	5.74	128.3	5.90	132.0	5.94
		45.6	93.7	3.53	101.3	4.22	110.3	4.91	120.0	5.55	123.7	5.68	128.3	5.84	132.0	5.86
	86	12.2	93.7	5.02	101.3	5.83	110.3	6.79	120.0	7.65	123.7	7.83	128.3	8.02	132.0	8.17
		15.2	93.7	4.92	101.3	5.74	110.3	6.68	120.0	7.53	123.7	7.70	128.3	7.89	132.0	8.04
		30.4	93.7	4.52	101.3	5.35	110.3	6.25	120.0	7.03	123.7	7.19	128.3	7.38	132.0	7.51
		38.0	93.7	4.39	101.3	5.24	110.3	6.12	120.0	6.89	123.7	7.06	128.3	7.24	132.0	7.32
		45.6	93.7	4.33	101.3	5.18	110.3	6.06	120.0	6.81	123.7	7.00	128.3	7.17	132.0	7.22
	95	12.2	89.0	5.30	96.3	6.16	104.8	7.16	114.0	8.07	117.5	8.27	122.0	8.46	125.3	8.61
		15.2	89.0	5.19	96.3	6.06	104.8	7.05	114.0	7.94	117.5	8.13	122.0	8.32	125.3	8.47
		30.4	89.0	4.78	96.3	5.66	104.8	6.58	114.0	7.41	117.5	7.61	122.0	7.80	125.3	7.92
		38.0	89.0	4.63	96.3	5.54	104.8	6.45	114.0	7.27	117.5	7.46	122.0	7.65	125.3	7.72
		45.6	89.0	4.56	96.3	5.49	104.8	6.39	114.0	7.20	117.5	7.39	122.0	7.58	125.3	7.61
	104	12.2	84.2	5.93	91.2	6.90	99.3	8.04	108.0	9.04	111.2	9.28	115.5	9.50	118.8	9.66
		15.2	84.2	5.82	91.2	6.79	99.3	7.91	108.0	8.90	111.2	9.12	115.5	9.35	118.8	9.51
		30.4	84.2	5.35	91.2	6.34	99.3	7.40	108.0	8.32	111.2	8.52	115.5	8.74	118.8	8.90
		38.0	84.2	5.21	91.2	6.22	99.3	7.24	108.0	8.16	111.2	8.37	115.5	8.58	118.8	8.66
		45.6	84.2	5.14	91.2	6.15	99.3	7.16	108.0	8.08	111.2	8.30	115.5	8.50	118.8	8.54
	113	12.2	79.3	6.57	86.0	7.65	93.8	8.91	102.0	10.02	104.8	10.29	109.0	10.54	112.3	10.71
		15.2	79.3	6.44	86.0	7.53	93.8	8.77	102.0	9.86	104.8	10.11	109.0	10.37	112.3	10.55
		30.4	79.3	5.93	86.0	7.03	93.8	8.21	102.0	9.23	104.8	9.43	109.0	9.68	112.3	9.87
		38.0	79.3	5.78	86.0	6.89	93.8	8.02	102.0	9.06	104.8	9.28	109.0	9.51	112.3	9.60
		45.6	79.3	5.71	86.0	6.81	93.8	7.93	102.0	8.97	104.8	9.21	109.0	9.42	112.3	9.47
90	23	8.1	84.2	1.72	91.2	2.00	99.3	2.30	108.0	2.62	111.2	2.69	115.5	2.77	118.8	2.81
	32	9.0	84.2	1.72	91.2	2.00	99.3	2.30	108.0	2.62	111.2	2.69	115.5	2.77	118.8	2.81
	41	10.4	84.2	1.72	91.2	2.00	99.3	2.30	108.0	2.62	111.2	2.69	115.5	2.77	118.8	2.81
	50	12.2	84.2	1.72	91.2	2.00	99.3	2.30	108.0	2.62	111.2	2.69	115.5	2.77	118.8	2.81
		15.2	84.2	1.69	91.2	1.97	99.3	2.27	108.0	2.58	111.2	2.64	115.5	2.72	118.8	2.77
		30.4	84.2	1.57	91.2	1.85	99.3	2.15	108.0	2.43	111.2	2.47	115.5	2.54	118.8	2.58
		38.0	84.2	1.51	91.2	1.82	99.3	2.09	108.0	2.37	111.2	2.43	115.5	2.49	118.8	2.50
		45.6	84.2	1.47	91.2	1.80	99.3	2.06	108.0	2.33	111.2	2.41	115.5	2.47	118.8	2.47

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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COOLING CAPACITY DATA

ARWN121BAS4, ARWB121BAS4

121,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
90	59	12.2	84.2	2.33	91.2	2.71	99.3	3.15	108.0	3.56	111.2	3.64	115.5	3.74	118.8	3.80
		15.2	84.2	2.28	91.2	2.67	99.3	3.10	108.0	3.50	111.2	3.58	115.5	3.67	118.8	3.74
		30.4	84.2	2.11	91.2	2.49	99.3	2.91	108.0	3.28	111.2	3.36	115.5	3.44	118.8	3.50
		38.0	84.2	2.05	91.2	2.44	99.3	2.84	108.0	3.21	111.2	3.29	115.5	3.37	118.8	3.40
		45.6	84.2	2.01	91.2	2.42	99.3	2.81	108.0	3.18	111.2	3.26	115.5	3.34	118.8	3.36
	67	12.2	84.2	2.87	91.2	3.35	99.3	3.90	108.0	4.39	111.2	4.48	115.5	4.59	118.8	4.67
		15.2	84.2	2.81	91.2	3.29	99.3	3.83	108.0	4.31	111.2	4.41	115.5	4.52	118.8	4.60
		30.4	84.2	2.59	91.2	3.07	99.3	3.58	108.0	4.03	111.2	4.14	115.5	4.23	118.8	4.31
		38.0	84.2	2.52	91.2	3.00	99.3	3.52	108.0	3.96	111.2	4.06	115.5	4.15	118.8	4.20
		45.6	84.2	2.49	91.2	2.97	99.3	3.48	108.0	3.93	111.2	4.02	115.5	4.11	118.8	4.15
	75	12.2	84.2	3.50	91.2	4.07	99.3	4.74	108.0	5.34	111.2	5.47	115.5	5.60	118.8	5.72
		15.2	84.2	3.44	91.2	4.01	99.3	4.67	108.0	5.26	111.2	5.38	115.5	5.51	118.8	5.62
		30.4	84.2	3.16	91.2	3.75	99.3	4.36	108.0	4.92	111.2	5.03	115.5	5.16	118.8	5.26
		38.0	84.2	3.07	91.2	3.67	99.3	4.28	108.0	4.83	111.2	4.94	115.5	5.06	118.8	5.13
		45.6	84.2	3.02	91.2	3.64	99.3	4.24	108.0	4.78	111.2	4.89	115.5	5.02	118.8	5.07
	86	12.2	84.2	4.32	91.2	5.02	99.3	5.85	108.0	6.58	111.2	6.74	115.5	6.90	118.8	7.03
		15.2	84.2	4.23	91.2	4.94	99.3	5.75	108.0	6.47	111.2	6.63	115.5	6.79	118.8	6.92
		30.4	84.2	3.88	91.2	4.62	99.3	5.37	108.0	6.06	111.2	6.20	115.5	6.36	118.8	6.47
		38.0	84.2	3.79	91.2	4.52	99.3	5.26	108.0	5.93	111.2	6.09	115.5	6.23	118.8	6.30
		45.6	84.2	3.74	91.2	4.47	99.3	5.20	108.0	5.86	111.2	6.03	115.5	6.17	118.8	6.21
	95	12.2	81.8	4.66	88.7	5.41	96.7	6.30	105.0	7.10	108.2	7.26	112.3	7.43	115.5	7.58
		15.2	81.8	4.57	88.7	5.32	96.7	6.20	105.0	6.98	108.2	7.14	112.3	7.32	115.5	7.46
		30.4	81.8	4.20	88.7	4.98	96.7	5.80	105.0	6.53	108.2	6.68	112.3	6.85	115.5	6.98
		38.0	81.8	4.07	88.7	4.87	96.7	5.67	105.0	6.41	108.2	6.57	112.3	6.73	115.5	6.79
		45.6	81.8	4.01	88.7	4.82	96.7	5.61	105.0	6.34	108.2	6.51	112.3	6.66	115.5	6.69
	104	12.2	79.5	5.35	86.2	6.22	93.8	7.24	102.0	8.15	105.0	8.35	109.2	8.56	112.2	8.70
		15.2	79.5	5.24	86.2	6.12	93.8	7.13	102.0	8.02	105.0	8.21	109.2	8.42	112.2	8.56
		30.4	79.5	4.83	86.2	5.72	93.8	6.66	102.0	7.49	105.0	7.69	109.2	7.88	112.2	8.02
		38.0	79.5	4.68	86.2	5.59	93.8	6.52	102.0	7.35	105.0	7.54	109.2	7.73	112.2	7.81
		45.6	79.5	4.61	86.2	5.53	93.8	6.45	102.0	7.28	105.0	7.47	109.2	7.66	112.2	7.71
	113	12.2	77.2	6.03	83.7	7.04	91.0	8.19	99.0	9.21	101.8	9.43	106.0	9.68	108.8	9.82
		15.2	77.2	5.91	83.7	6.92	91.0	8.05	99.0	9.06	101.8	9.28	106.0	9.52	108.8	9.67
		30.4	77.2	5.45	83.7	6.45	91.0	7.53	99.0	8.45	101.8	8.69	106.0	8.90	108.8	9.06
		38.0	77.2	5.29	83.7	6.31	91.0	7.37	99.0	8.29	101.8	8.52	106.0	8.74	108.8	8.84
		45.6	77.2	5.21	83.7	6.24	91.0	7.29	99.0	8.21	101.8	8.43	106.0	8.66	108.8	8.72
80	23	8.1	74.8	1.45	81.2	1.67	88.3	1.96	96.0	2.22	98.8	2.25	102.7	2.34	105.7	2.34
	32	9.0	74.8	1.45	81.2	1.67	88.3	1.96	96.0	2.22	98.8	2.25	102.7	2.34	105.7	2.34
	41	10.4	74.8	1.45	81.2	1.67	88.3	1.96	96.0	2.22	98.8	2.25	102.7	2.34	105.7	2.34
	50	12.2	74.8	1.45	81.2	1.67	88.3	1.96	96.0	2.22	98.8	2.25	102.7	2.34	105.7	2.34
		15.2	74.8	1.41	81.2	1.64	88.3	1.92	96.0	2.18	98.8	2.21	102.7	2.29	105.7	2.30
		30.4	74.8	1.29	81.2	1.55	88.3	1.78	96.0	2.03	98.8	2.08	102.7	2.12	105.7	2.15
		38.0	74.8	1.26	81.2	1.51	88.3	1.75	96.0	1.97	98.8	2.01	102.7	2.09	105.7	2.12
		45.6	74.8	1.25	81.2	1.48	88.3	1.74	96.0	1.93	98.8	1.98	102.7	2.08	105.7	2.11
	59	12.2	74.8	1.96	81.2	2.27	88.3	2.65	96.0	2.99	98.8	3.05	102.7	3.14	105.7	3.18
		15.2	74.8	1.92	81.2	2.24	88.3	2.60	96.0	2.94	98.8	3.00	102.7	3.08	105.7	3.13
		30.4	74.8	1.76	81.2	2.09	88.3	2.43	96.0	2.75	98.8	2.81	102.7	2.88	105.7	2.92
		38.0	74.8	1.71	81.2	2.05	88.3	2.38	96.0	2.68	98.8	2.75	102.7	2.83	105.7	2.86
		45.6	74.8	1.69	81.2	2.02	88.3	2.36	96.0	2.65	98.8	2.72	102.7	2.80	105.7	2.83
	67	12.2	74.8	2.41	81.2	2.81	88.3	3.26	96.0	3.67	98.8	3.77	102.7	3.85	105.7	3.93
		15.2	74.8	2.36	81.2	2.76	88.3	3.21	96.0	3.61	98.8	3.71	102.7	3.79	105.7	3.87
		30.4	74.8	2.17	81.2	2.57	88.3	3.00	96.0	3.39	98.8	3.47	102.7	3.55	105.7	3.61
		38.0	74.8	2.11	81.2	2.52	88.3	2.94	96.0	3.32	98.8	3.40	102.7	3.48	105.7	3.52
		45.6	74.8	2.08	81.2	2.50	88.3	2.91	96.0	3.29	98.8	3.37	102.7	3.45	105.7	3.47
	75	12.2	74.8	2.93	81.2	3.41	88.3	3.98	96.0	4.48	98.8	4.60	102.7	4.71	105.7	4.79
		15.2	74.8	2.88	81.2	3.36	88.3	3.91	96.0	4.41	98.8	4.52	102.7	4.63	105.7	4.71
		30.4	74.8	2.65	81.2	3.15	88.3	3.66	96.0	4.12	98.8	4.22	102.7	4.33	105.7	4.41
		38.0	74.8	2.57	81.2	3.08	88.3	3.59	96.0	4.04	98.8	4.14	102.7	4.25	105.7	4.30
		45.6	74.8	2.53	81.2	3.05	88.3	3.56	96.0	4.00	98.8	4.10	102.7	4.21	105.7	4.24

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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COOLING CAPACITY DATA

ARWN121BAS4, ARWB121BAS4

121,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
80	86	12.2	74.8	3.62	81.2	4.21	88.3	4.91	96.0	5.53	98.8	5.65	102.7	5.78	105.7	5.90
		15.2	74.8	3.55	81.2	4.14	88.3	4.83	96.0	5.43	98.8	5.56	102.7	5.69	105.7	5.80
		30.4	74.8	3.26	81.2	3.87	88.3	4.51	96.0	5.06	98.8	5.19	102.7	5.32	105.7	5.42
		38.0	74.8	3.16	81.2	3.79	88.3	4.41	96.0	4.97	98.8	5.10	102.7	5.22	105.7	5.27
		45.6	74.8	3.12	81.2	3.75	88.3	4.36	96.0	4.92	98.8	5.05	102.7	5.18	105.7	5.20
	95	12.2	74.8	4.03	81.2	4.68	88.3	5.44	96.0	6.12	98.8	6.27	102.7	6.43	105.7	6.54
		15.2	74.8	3.95	81.2	4.60	88.3	5.35	96.0	6.02	98.8	6.17	102.7	6.33	105.7	6.44
		30.4	74.8	3.63	81.2	4.30	88.3	5.00	96.0	5.64	98.8	5.77	102.7	5.91	105.7	6.02
		38.0	74.8	3.53	81.2	4.20	88.3	4.91	96.0	5.53	98.8	5.66	102.7	5.82	105.7	5.86
		45.6	74.8	3.48	81.2	4.15	88.3	4.86	96.0	5.47	98.8	5.60	102.7	5.77	105.7	5.78
	104	12.2	74.8	4.76	81.2	5.54	88.3	6.45	96.0	7.26	98.8	7.42	102.7	7.61	105.7	7.74
		15.2	74.8	4.67	81.2	5.45	88.3	6.34	96.0	7.14	98.8	7.30	102.7	7.49	105.7	7.62
		30.4	74.8	4.30	81.2	5.08	88.3	5.93	96.0	6.68	98.8	6.84	102.7	7.01	105.7	7.14
		38.0	74.8	4.17	81.2	4.98	88.3	5.80	96.0	6.55	98.8	6.71	102.7	6.87	105.7	6.95
		45.6	74.8	4.11	81.2	4.94	88.3	5.74	96.0	6.49	98.8	6.65	102.7	6.80	105.7	6.85
	113	12.2	74.8	5.49	81.2	6.40	88.3	7.45	96.0	8.40	98.8	8.57	102.7	8.80	105.7	8.94
		15.2	74.8	5.38	81.2	6.30	88.3	7.33	96.0	8.26	98.8	8.44	102.7	8.66	105.7	8.80
		30.4	74.8	4.97	81.2	5.86	88.3	6.85	96.0	7.72	98.8	7.91	102.7	8.12	105.7	8.26
		38.0	74.8	4.81	81.2	5.77	88.3	6.69	96.0	7.57	98.8	7.76	102.7	7.92	105.7	8.04
		45.6	74.8	4.73	81.2	5.72	88.3	6.61	96.0	7.50	98.8	7.69	102.7	7.83	105.7	7.93
70	23	8.1	65.5	1.21	71.0	1.39	77.3	1.64	84.0	1.85	86.5	1.85	89.8	1.92	92.3	1.95
	32	9.0	65.5	1.21	71.0	1.39	77.3	1.64	84.0	1.85	86.5	1.85	89.8	1.92	92.3	1.95
	41	10.4	65.5	1.21	71.0	1.39	77.3	1.64	84.0	1.85	86.5	1.85	89.8	1.92	92.3	1.95
	50	12.2	65.5	1.21	71.0	1.39	77.3	1.64	84.0	1.85	86.5	1.85	89.8	1.92	92.3	1.95
		15.2	65.5	1.18	71.0	1.37	77.3	1.62	84.0	1.82	86.5	1.83	89.8	1.89	92.3	1.92
		30.4	65.5	1.09	71.0	1.29	77.3	1.51	84.0	1.69	86.5	1.72	89.8	1.77	92.3	1.82
		38.0	65.5	1.04	71.0	1.24	77.3	1.46	84.0	1.64	86.5	1.67	89.8	1.74	92.3	1.77
		45.6	65.5	1.02	71.0	1.22	77.3	1.44	84.0	1.62	86.5	1.65	89.8	1.72	92.3	1.75
	59	12.2	65.5	1.63	71.0	1.88	77.3	2.21	84.0	2.48	86.5	2.53	89.8	2.60	92.3	2.64
		15.2	65.5	1.60	71.0	1.85	77.3	2.17	84.0	2.44	86.5	2.49	89.8	2.56	92.3	2.60
		30.4	65.5	1.47	71.0	1.74	77.3	2.03	84.0	2.28	86.5	2.33	89.8	2.40	92.3	2.44
		38.0	65.5	1.42	71.0	1.69	77.3	1.98	84.0	2.24	86.5	2.28	89.8	2.35	92.3	2.38
		45.6	65.5	1.40	71.0	1.67	77.3	1.96	84.0	2.21	86.5	2.26	89.8	2.32	92.3	2.35
	67	12.2	65.5	2.01	71.0	2.32	77.3	2.71	84.0	3.05	86.5	3.14	89.8	3.20	92.3	3.26
		15.2	65.5	1.97	71.0	2.28	77.3	2.67	84.0	3.00	86.5	3.08	89.8	3.15	92.3	3.21
		30.4	65.5	1.81	71.0	2.14	77.3	2.49	84.0	2.81	86.5	2.88	89.8	2.96	92.3	3.00
		38.0	65.5	1.76	71.0	2.09	77.3	2.44	84.0	2.76	86.5	2.83	89.8	2.89	92.3	2.92
		45.6	65.5	1.73	71.0	2.07	77.3	2.42	84.0	2.74	86.5	2.80	89.8	2.86	92.3	2.88
	75	12.2	65.5	2.45	71.0	2.84	77.3	3.31	84.0	3.74	86.5	3.82	89.8	3.92	92.3	3.98
		15.2	65.5	2.40	71.0	2.80	77.3	3.26	84.0	3.67	86.5	3.75	89.8	3.85	92.3	3.91
		30.4	65.5	2.20	71.0	2.62	77.3	3.05	84.0	3.44	86.5	3.52	89.8	3.59	92.3	3.66
		38.0	65.5	2.14	71.0	2.56	77.3	2.99	84.0	3.36	86.5	3.45	89.8	3.53	92.3	3.56
		45.6	65.5	2.11	71.0	2.52	77.3	2.96	84.0	3.32	86.5	3.42	89.8	3.50	92.3	3.52
	86	12.2	65.5	3.02	71.0	3.49	77.3	4.08	84.0	4.58	86.5	4.69	89.8	4.81	92.3	4.89
		15.2	65.5	2.96	71.0	3.44	77.3	4.01	84.0	4.51	86.5	4.62	89.8	4.73	92.3	4.81
		30.4	65.5	2.72	71.0	3.21	77.3	3.74	84.0	4.22	86.5	4.31	89.8	4.43	92.3	4.51
		38.0	65.5	2.64	71.0	3.15	77.3	3.67	84.0	4.14	86.5	4.23	89.8	4.35	92.3	4.39
		45.6	65.5	2.60	71.0	3.12	77.3	3.64	84.0	4.10	86.5	4.19	89.8	4.31	92.3	4.34
	95	12.2	65.5	3.34	71.0	3.88	77.3	4.53	84.0	5.10	86.5	5.21	89.8	5.34	92.3	5.44
		15.2	65.5	3.28	71.0	3.82	77.3	4.46	84.0	5.02	86.5	5.13	89.8	5.26	92.3	5.35
		30.4	65.5	3.02	71.0	3.58	77.3	4.15	84.0	4.68	86.5	4.79	89.8	4.92	92.3	5.02
		38.0	65.5	2.92	71.0	3.50	77.3	4.07	84.0	4.60	86.5	4.71	89.8	4.83	92.3	4.87
		45.6	65.5	2.88	71.0	3.46	77.3	4.03	84.0	4.56	86.5	4.67	89.8	4.78	92.3	4.80
	104	12.2	65.5	3.96	71.0	4.59	77.3	5.36	84.0	6.02	86.5	6.17	89.8	6.33	92.3	6.45
		15.2	65.5	3.88	71.0	4.52	77.3	5.27	84.0	5.93	86.5	6.07	89.8	6.23	92.3	6.34
		30.4	65.5	3.56	71.0	4.23	77.3	4.92	84.0	5.54	86.5	5.69	89.8	5.83	92.3	5.93
		38.0	65.5	3.47	71.0	4.14	77.3	4.83	84.0	5.45	86.5	5.58	89.8	5.72	92.3	5.78
		45.6	65.5	3.42	71.0	4.09	77.3	4.78	84.0	5.40	86.5	5.52	89.8	5.66	92.3	5.71

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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COOLING CAPACITY DATA

ARWN121BAS4, ARWB121BAS4

121,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
70	113	12.2	65.5	4.59	71.0	5.31	77.3	6.19	84.0	6.95	86.5	7.12	89.8	7.32	92.3	7.46
		15.2	65.5	4.49	71.0	5.22	77.3	6.09	84.0	6.84	86.5	7.01	89.8	7.21	92.3	7.33
		30.4	65.5	4.11	71.0	4.89	77.3	5.69	84.0	6.41	86.5	6.58	89.8	6.74	92.3	6.84
		38.0	65.5	4.01	71.0	4.78	77.3	5.58	84.0	6.30	86.5	6.44	89.8	6.61	92.3	6.69
		45.6	65.5	3.96	71.0	4.72	77.3	5.52	84.0	6.24	86.5	6.37	89.8	6.55	92.3	6.62
60	23	8.1	56.2	0.98	60.8	1.13	66.2	1.30	72.0	1.47	74.2	1.51	77.0	1.56	79.2	1.56
	32	9.0	56.2	0.98	60.8	1.13	66.2	1.30	72.0	1.47	74.2	1.51	77.0	1.56	79.2	1.56
	41	10.4	56.2	0.98	60.8	1.13	66.2	1.30	72.0	1.47	74.2	1.51	77.0	1.56	79.2	1.56
	50	12.2	56.2	0.98	60.8	1.13	66.2	1.30	72.0	1.47	74.2	1.51	77.0	1.56	79.2	1.56
		15.2	56.2	0.95	60.8	1.11	66.2	1.28	72.0	1.45	74.2	1.48	77.0	1.52	79.2	1.54
		30.4	56.2	0.86	60.8	1.03	66.2	1.18	72.0	1.35	74.2	1.35	77.0	1.40	79.2	1.45
		38.0	56.2	0.83	60.8	1.00	66.2	1.17	72.0	1.32	74.2	1.34	77.0	1.37	79.2	1.38
		45.6	56.2	0.81	60.8	0.98	66.2	1.16	72.0	1.31	74.2	1.33	77.0	1.35	79.2	1.35
	59	12.2	56.2	1.31	60.8	1.51	66.2	1.75	72.0	1.98	74.2	2.03	77.0	2.08	79.2	2.11
		15.2	56.2	1.28	60.8	1.49	66.2	1.73	72.0	1.95	74.2	2.00	77.0	2.05	79.2	2.08
		30.4	56.2	1.17	60.8	1.39	66.2	1.61	72.0	1.82	74.2	1.85	77.0	1.90	79.2	1.95
		38.0	56.2	1.13	60.8	1.36	66.2	1.58	72.0	1.79	74.2	1.82	77.0	1.87	79.2	1.89
		45.6	56.2	1.12	60.8	1.34	66.2	1.57	72.0	1.77	74.2	1.81	77.0	1.85	79.2	1.85
	67	12.2	56.2	1.60	60.8	1.85	66.2	2.16	72.0	2.44	74.2	2.50	77.0	2.55	79.2	2.60
		15.2	56.2	1.57	60.8	1.82	66.2	2.12	72.0	2.40	74.2	2.46	77.0	2.51	79.2	2.56
		30.4	56.2	1.44	60.8	1.71	66.2	2.00	72.0	2.24	74.2	2.30	77.0	2.35	79.2	2.40
		38.0	56.2	1.41	60.8	1.68	66.2	1.95	72.0	2.20	74.2	2.25	77.0	2.32	79.2	2.33
		45.6	56.2	1.39	60.8	1.66	66.2	1.93	72.0	2.19	74.2	2.23	77.0	2.30	79.2	2.30
	75	12.2	56.2	1.96	60.8	2.26	66.2	2.63	72.0	2.97	74.2	3.04	77.0	3.12	79.2	3.16
		15.2	56.2	1.92	60.8	2.22	66.2	2.59	72.0	2.92	74.2	2.99	77.0	3.07	79.2	3.12
		30.4	56.2	1.76	60.8	2.08	66.2	2.43	72.0	2.73	74.2	2.80	77.0	2.88	79.2	2.92
		38.0	56.2	1.71	60.8	2.05	66.2	2.38	72.0	2.68	74.2	2.75	77.0	2.81	79.2	2.84
		45.6	56.2	1.69	60.8	2.03	66.2	2.36	72.0	2.66	74.2	2.72	77.0	2.78	79.2	2.80
	86	12.2	56.2	2.40	60.8	2.80	66.2	3.25	72.0	3.66	74.2	3.74	77.0	3.83	79.2	3.90
		15.2	56.2	2.35	60.8	2.75	66.2	3.20	72.0	3.59	74.2	3.67	77.0	3.77	79.2	3.83
		30.4	56.2	2.16	60.8	2.56	66.2	2.99	72.0	3.36	74.2	3.44	77.0	3.53	79.2	3.59
		38.0	56.2	2.11	60.8	2.51	66.2	2.92	72.0	3.29	74.2	3.37	77.0	3.47	79.2	3.50
		45.6	56.2	2.09	60.8	2.48	66.2	2.89	72.0	3.26	74.2	3.34	77.0	3.44	79.2	3.45
	95	12.2	56.2	2.66	60.8	3.10	66.2	3.60	72.0	4.06	74.2	4.16	77.0	4.25	79.2	4.33
		15.2	56.2	2.60	60.8	3.05	66.2	3.55	72.0	3.99	74.2	4.09	77.0	4.19	79.2	4.27
		30.4	56.2	2.40	60.8	2.84	66.2	3.32	72.0	3.74	74.2	3.82	77.0	3.93	79.2	3.99
		38.0	56.2	2.33	60.8	2.78	66.2	3.24	72.0	3.66	74.2	3.75	77.0	3.85	79.2	3.88
		45.6	56.2	2.30	60.8	2.75	66.2	3.20	72.0	3.62	74.2	3.72	77.0	3.81	79.2	3.83
	104	12.2	56.2	3.16	60.8	3.67	66.2	4.27	72.0	4.81	74.2	4.92	77.0	5.05	79.2	5.13
		15.2	56.2	3.10	60.8	3.61	66.2	4.20	72.0	4.73	74.2	4.84	77.0	4.97	79.2	5.05
		30.4	56.2	2.84	60.8	3.37	66.2	3.93	72.0	4.43	74.2	4.52	77.0	4.65	79.2	4.73
		38.0	56.2	2.76	60.8	3.31	66.2	3.85	72.0	4.33	74.2	4.44	77.0	4.55	79.2	4.60
		45.6	56.2	2.72	60.8	3.28	66.2	3.81	72.0	4.28	74.2	4.40	77.0	4.51	79.2	4.54
	113	12.2	56.2	3.67	60.8	4.24	66.2	4.94	72.0	5.55	74.2	5.68	77.0	5.85	79.2	5.92
		15.2	56.2	3.59	60.8	4.17	66.2	4.86	72.0	5.46	74.2	5.59	77.0	5.75	79.2	5.83
		30.4	56.2	3.29	60.8	3.90	66.2	4.54	72.0	5.11	74.2	5.22	77.0	5.37	79.2	5.46
		38.0	56.2	3.20	60.8	3.83	66.2	4.46	72.0	5.00	74.2	5.13	77.0	5.26	79.2	5.32
		45.6	56.2	3.15	60.8	3.80	66.2	4.42	72.0	4.95	74.2	5.08	77.0	5.20	79.2	5.25
50	23	8.1	46.8	0.70	50.7	0.83	55.2	0.99	60.0	1.10	61.8	1.11	64.2	1.14	66.0	1.17
	32	9.0	46.8	0.70	50.7	0.83	55.2	0.99	60.0	1.10	61.8	1.11	64.2	1.14	66.0	1.17
	41	10.4	46.8	0.70	50.7	0.83	55.2	0.99	60.0	1.10	61.8	1.11	64.2	1.14	66.0	1.17
	50	12.2	46.8	0.70	50.7	0.83	55.2	0.99	60.0	1.10	61.8	1.11	64.2	1.14	66.0	1.17
		15.2	46.8	0.69	50.7	0.81	55.2	0.97	60.0	1.08	61.8	1.09	64.2	1.12	66.0	1.15
		30.4	46.8	0.66	50.7	0.77	55.2	0.87	60.0	1.00	61.8	1.03	64.2	1.04	66.0	1.08
		38.0	46.8	0.63	50.7	0.74	55.2	0.88	60.0	0.97	61.8	1.00	64.2	1.01	66.0	1.03
		45.6	46.8	0.62	50.7	0.72	55.2	0.88	60.0	0.95	61.8	0.98	64.2	1.00	66.0	1.00
	59	12.2	46.8	0.96	50.7	1.12	55.2	1.32	60.0	1.48	61.8	1.51	64.2	1.54	66.0	1.57
		15.2	46.8	0.94	50.7	1.10	55.2	1.29	60.0	1.45	61.8	1.49	64.2	1.52	66.0	1.55
		30.4	46.8	0.88	50.7	1.04	55.2	1.20	60.0	1.36	61.8	1.39	64.2	1.42	66.0	1.45
		38.0	46.8	0.85	50.7	1.01	55.2	1.18	60.0	1.33	61.8	1.36	64.2	1.39	66.0	1.41
		45.6	46.8	0.83	50.7	0.99	55.2	1.17	60.0	1.31	61.8	1.34	64.2	1.37	66.0	1.38

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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MULTI V WATER IV

COOLING CAPACITY DATA

ARWN121BAS4, ARWB121BAS4

121,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
50	67	12.2	46.8	1.19	50.7	1.38	55.2	1.61	60.0	1.82	61.8	1.87	64.2	1.90	66.0	1.93
		15.2	46.8	1.17	50.7	1.36	55.2	1.58	60.0	1.79	61.8	1.84	64.2	1.87	66.0	1.90
		30.4	46.8	1.07	50.7	1.28	55.2	1.49	60.0	1.68	61.8	1.71	64.2	1.76	66.0	1.79
		38.0	46.8	1.04	50.7	1.25	55.2	1.45	60.0	1.65	61.8	1.68	64.2	1.73	66.0	1.74
		45.6	46.8	1.02	50.7	1.23	55.2	1.44	60.0	1.63	61.8	1.66	64.2	1.71	66.0	1.72
	75	12.2	46.8	1.45	50.7	1.69	55.2	1.97	60.0	2.21	61.8	2.27	64.2	2.32	66.0	2.37
		15.2	46.8	1.42	50.7	1.66	55.2	1.93	60.0	2.17	61.8	2.24	64.2	2.28	66.0	2.33
		30.4	46.8	1.31	50.7	1.55	55.2	1.81	60.0	2.05	61.8	2.09	64.2	2.14	66.0	2.17
		38.0	46.8	1.28	50.7	1.52	55.2	1.77	60.0	2.00	61.8	2.05	64.2	2.09	66.0	2.12
		45.6	46.8	1.26	50.7	1.50	55.2	1.76	60.0	1.97	61.8	2.02	64.2	2.07	66.0	2.10
	86	12.2	46.8	1.79	50.7	2.08	55.2	2.42	60.0	2.73	61.8	2.79	64.2	2.86	66.0	2.90
		15.2	46.8	1.76	50.7	2.05	55.2	2.38	60.0	2.68	61.8	2.75	64.2	2.81	66.0	2.86
		30.4	46.8	1.61	50.7	1.92	55.2	2.22	60.0	2.51	61.8	2.57	64.2	2.64	66.0	2.68
		38.0	46.8	1.57	50.7	1.87	55.2	2.17	60.0	2.46	61.8	2.52	64.2	2.59	66.0	2.60
		45.6	46.8	1.54	50.7	1.85	55.2	2.15	60.0	2.44	61.8	2.50	64.2	2.56	66.0	2.56
	95	12.2	46.8	1.99	50.7	2.31	55.2	2.70	60.0	3.02	61.8	3.10	64.2	3.18	66.0	3.23
		15.2	46.8	1.95	50.7	2.27	55.2	2.65	60.0	2.97	61.8	3.05	64.2	3.13	66.0	3.18
		30.4	46.8	1.79	50.7	2.12	55.2	2.48	60.0	2.78	61.8	2.84	64.2	2.92	66.0	2.97
		38.0	46.8	1.74	50.7	2.08	55.2	2.43	60.0	2.73	61.8	2.80	64.2	2.88	66.0	2.89
		45.6	46.8	1.72	50.7	2.05	55.2	2.40	60.0	2.71	61.8	2.77	64.2	2.85	66.0	2.85
	104	12.2	46.8	2.35	50.7	2.73	55.2	3.18	60.0	3.59	61.8	3.67	64.2	3.77	66.0	3.83
		15.2	46.8	2.30	50.7	2.68	55.2	3.13	60.0	3.53	61.8	3.61	64.2	3.71	66.0	3.77
		30.4	46.8	2.12	50.7	2.51	55.2	2.92	60.0	3.29	61.8	3.37	64.2	3.47	66.0	3.53
		38.0	46.8	2.06	50.7	2.46	55.2	2.88	60.0	3.23	61.8	3.31	64.2	3.40	66.0	3.44
		45.6	46.8	2.03	50.7	2.44	55.2	2.85	60.0	3.20	61.8	3.28	64.2	3.37	66.0	3.39
	113	12.2	46.8	2.70	50.7	3.15	55.2	3.67	60.0	4.16	61.8	4.24	64.2	4.35	66.0	4.43
		15.2	46.8	2.65	50.7	3.10	55.2	3.61	60.0	4.09	61.8	4.17	64.2	4.28	66.0	4.36
		30.4	46.8	2.46	50.7	2.89	55.2	3.37	60.0	3.80	61.8	3.90	64.2	4.01	66.0	4.09
		38.0	46.8	2.38	50.7	2.84	55.2	3.32	60.0	3.72	61.8	3.82	64.2	3.93	66.0	3.98
		45.6	46.8	2.34	50.7	2.82	55.2	3.30	60.0	3.68	61.8	3.78	64.2	3.89	66.0	3.92

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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COOLING CAPACITY DATA

ARWN144BAS4, ARWB144BAS4
144,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
130	23	9.4	133.6	2.95	144.9	3.45	158.1	4.02	171.5	4.53	176.5	4.66	183.5	4.75	188.5	4.79
	32	10.5	133.6	2.95	144.9	3.45	158.1	4.02	171.5	4.53	176.5	4.66	183.5	4.75	188.5	4.79
	41	12.1	133.6	2.95	144.9	3.45	158.1	4.02	171.5	4.53	176.5	4.66	183.5	4.75	188.5	4.79
	50	14.2	133.6	2.95	144.9	3.45	158.1	4.02	171.5	4.53	176.5	4.66	183.5	4.75	188.5	4.79
		17.8	133.6	2.89	144.9	3.40	158.1	3.96	171.5	4.46	176.5	4.58	183.5	4.67	188.5	4.73
		35.5	133.6	2.68	144.9	3.19	158.1	3.71	171.5	4.17	176.5	4.25	183.5	4.38	188.5	4.48
		44.4	133.6	2.61	144.9	3.11	158.1	3.63	171.5	4.07	176.5	4.19	183.5	4.29	188.5	4.36
		53.3	133.6	2.57	144.9	3.07	158.1	3.59	171.5	4.02	176.5	4.16	183.5	4.24	188.5	4.30
	59	14.2	131.6	3.89	142.6	4.53	155.4	5.28	168.8	5.95	173.8	6.09	180.6	6.23	185.6	6.32
		17.8	131.6	3.82	142.6	4.45	155.4	5.19	168.8	5.85	173.8	5.99	180.6	6.13	185.6	6.23
		35.5	131.6	3.52	142.6	4.18	155.4	4.85	168.8	5.47	173.8	5.59	180.6	5.75	185.6	5.87
		44.4	131.6	3.42	142.6	4.08	155.4	4.75	168.8	5.35	173.8	5.49	180.6	5.63	185.6	5.73
		53.3	131.6	3.37	142.6	4.03	155.4	4.70	168.8	5.29	173.8	5.44	180.6	5.57	185.6	5.66
	67	14.2	129.8	4.73	140.6	5.48	153.0	6.40	166.4	7.21	171.4	7.37	178.0	7.55	183.0	7.69
		17.8	129.8	4.63	140.6	5.39	153.0	6.29	166.4	7.09	171.4	7.25	178.0	7.43	183.0	7.57
		35.5	129.8	4.26	140.6	5.05	153.0	5.87	166.4	6.63	171.4	6.79	178.0	6.97	183.0	7.11
		44.4	129.8	4.14	140.6	4.93	153.0	5.75	166.4	6.49	171.4	6.65	178.0	6.83	183.0	6.95
		53.3	129.8	4.08	140.6	4.87	153.0	5.69	166.4	6.42	171.4	6.58	178.0	6.76	183.0	6.87
	75	14.2	129.8	5.83	140.6	6.76	153.0	7.88	166.4	8.87	171.4	9.10	178.0	9.32	183.0	9.47
		17.8	129.8	5.71	140.6	6.65	153.0	7.75	166.4	8.73	171.4	8.95	178.0	9.17	183.0	9.33
		35.5	129.8	5.25	140.6	6.23	153.0	7.25	166.4	8.17	171.4	8.37	178.0	8.59	183.0	8.77
		44.4	129.8	5.11	140.6	6.09	153.0	7.11	166.4	8.01	171.4	8.21	178.0	8.43	183.0	8.57
		53.3	129.8	5.04	140.6	6.02	153.0	7.04	166.4	7.93	171.4	8.13	178.0	8.35	183.0	8.47
	86	14.2	129.8	6.99	140.6	8.12	153.0	9.46	166.4	10.66	171.4	10.90	178.0	11.18	183.0	11.35
		17.8	129.8	6.85	140.6	7.99	153.0	9.31	166.4	10.49	171.4	10.73	178.0	11.01	183.0	11.19
		35.5	129.8	6.29	140.6	7.47	153.0	8.71	166.4	9.81	171.4	10.05	178.0	10.31	183.0	10.53
		44.4	129.8	6.13	140.6	7.31	153.0	8.53	166.4	9.61	171.4	9.87	178.0	10.11	183.0	10.29
		53.3	129.8	6.05	140.6	7.23	153.0	8.44	166.4	9.51	171.4	9.78	178.0	10.01	183.0	10.17
	95	14.2	116.8	7.07	126.4	8.23	137.8	9.56	149.8	10.78	154.2	11.02	160.2	11.30	164.6	11.50
		17.8	116.8	6.93	126.4	8.09	137.8	9.41	149.8	10.61	154.2	10.85	160.2	11.13	164.6	11.33
		35.5	116.8	6.37	126.4	7.55	137.8	8.81	149.8	9.91	154.2	10.17	160.2	10.43	164.6	10.63
		44.4	116.8	6.19	126.4	7.39	137.8	8.63	149.8	9.71	154.2	9.97	160.2	10.23	164.6	10.41
		53.3	116.8	6.10	126.4	7.31	137.8	8.54	149.8	9.61	154.2	9.87	160.2	10.13	164.6	10.30
	104	14.2	103.8	7.46	112.4	8.67	122.4	10.09	133.0	11.37	137.0	11.63	142.4	11.91	146.4	12.13
		17.8	103.8	7.31	112.4	8.53	122.4	9.93	133.0	11.19	137.0	11.45	142.4	11.73	146.4	11.95
		35.5	103.8	6.71	112.4	7.97	122.4	9.29	133.0	10.45	137.0	10.71	142.4	11.01	146.4	11.23
		44.4	103.8	6.53	112.4	7.79	122.4	9.09	133.0	10.25	137.0	10.51	142.4	10.79	146.4	10.97
		53.3	103.8	6.44	112.4	7.70	122.4	8.99	133.0	10.15	137.0	10.41	142.4	10.68	146.4	10.84
	113	14.2	90.8	7.85	98.4	9.12	107.0	10.62	116.2	11.96	119.8	12.25	124.6	12.51	128.2	12.75
		17.8	90.8	7.69	98.4	8.97	107.0	10.45	116.2	11.77	119.8	12.05	124.6	12.33	128.2	12.57
		35.5	90.8	7.05	98.4	8.39	107.0	9.77	116.2	10.99	119.8	11.25	124.6	11.59	128.2	11.83
		44.4	90.8	6.87	98.4	8.19	107.0	9.55	116.2	10.79	119.8	11.05	124.6	11.35	128.2	11.53
		53.3	90.8	6.78	98.4	8.09	107.0	9.44	116.2	10.69	119.8	10.95	124.6	11.23	128.2	11.38
120	23	9.4	126.6	2.82	137.2	3.25	149.2	3.83	162.4	4.29	167.4	4.42	173.8	4.51	178.6	4.59
	32	10.5	126.6	2.82	137.2	3.25	149.2	3.83	162.4	4.29	167.4	4.42	173.8	4.51	178.6	4.59
	41	12.1	126.6	2.82	137.2	3.25	149.2	3.83	162.4	4.29	167.4	4.42	173.8	4.51	178.6	4.59
	50	14.2	126.6	2.82	137.2	3.25	149.2	3.83	162.4	4.29	167.4	4.42	173.8	4.51	178.6	4.59
		17.8	126.6	2.76	137.2	3.20	149.2	3.76	162.4	4.22	167.4	4.34	173.8	4.43	178.6	4.51
		35.5	126.6	2.52	137.2	2.99	149.2	3.49	162.4	3.95	167.4	4.03	173.8	4.15	178.6	4.20
		44.4	126.6	2.49	137.2	2.93	149.2	3.45	162.4	3.88	167.4	3.95	173.8	4.07	178.6	4.13
		53.3	126.6	2.47	137.2	2.90	149.2	3.44	162.4	3.84	167.4	3.91	173.8	4.03	178.6	4.09
	59	14.2	125.2	3.73	135.6	4.33	147.6	5.06	160.6	5.68	165.4	5.83	171.8	5.97	176.6	6.07
		17.8	125.2	3.66	135.6	4.26	147.6	4.97	160.6	5.59	165.4	5.73	171.8	5.87	176.6	5.97
		35.5	125.2	3.36	135.6	3.98	147.6	4.63	160.6	5.23	165.4	5.35	171.8	5.49	176.6	5.59
		44.4	125.2	3.28	135.6	3.90	147.6	4.55	160.6	5.13	165.4	5.25	171.8	5.39	176.6	5.47
		53.3	125.2	3.24	135.6	3.86	147.6	4.52	160.6	5.08	165.4	5.20	171.8	5.34	176.6	5.41
	67	14.2	124.0	4.55	134.2	5.28	146.2	6.15	159.0	6.92	163.6	7.08	170.0	7.27	174.8	7.38
		17.8	124.0	4.45	134.2	5.19	146.2	6.05	159.0	6.81	163.6	6.97	170.0	7.15	174.8	7.27
		35.5	124.0	4.10	134.2	4.85	146.2	5.65	159.0	6.37	163.6	6.53	170.0	6.69	174.8	6.83
		44.4	124.0	3.98	134.2	4.75	146.2	5.53	159.0	6.25	163.6	6.41	170.0	6.57	174.8	6.67
		53.3	124.0	3.92	134.2	4.70	146.2	5.47	159.0	6.19	163.6	6.35	170.0	6.51	174.8	6.59

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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MULTI V WATER IV

COOLING CAPACITY DATA

ARWN144BAS4, ARWB144BAS4
144,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
120	75	14.2	124.0	5.58	134.2	6.47	146.2	7.55	159.0	8.51	163.6	8.71	170.0	8.93	174.8	9.09
		17.8	124.0	5.47	134.2	6.37	146.2	7.43	159.0	8.37	163.6	8.57	170.0	8.79	174.8	8.95
		35.5	124.0	5.03	134.2	5.97	146.2	6.95	159.0	7.83	163.6	8.01	170.0	8.23	174.8	8.39
		44.4	124.0	4.89	134.2	5.83	146.2	6.81	159.0	7.67	163.6	7.87	170.0	8.07	174.8	8.19
		53.3	124.0	4.82	134.2	5.76	146.2	6.74	159.0	7.59	163.6	7.80	170.0	7.99	174.8	8.09
	86	14.2	124.0	6.74	134.2	7.84	146.2	9.14	159.0	10.29	163.6	10.54	170.0	10.80	174.8	10.97
		17.8	124.0	6.61	134.2	7.71	146.2	8.99	159.0	10.13	163.6	10.37	170.0	10.63	174.8	10.81
		35.5	124.0	6.09	134.2	7.21	146.2	8.41	159.0	9.47	163.6	9.69	170.0	9.95	174.8	10.15
		44.4	124.0	5.91	134.2	7.05	146.2	8.23	159.0	9.27	163.6	9.51	170.0	9.77	174.8	9.91
		53.3	124.0	5.82	134.2	6.97	146.2	8.14	159.0	9.17	163.6	9.42	170.0	9.68	174.8	9.79
	95	14.2	113.4	6.91	122.8	8.04	133.8	9.36	145.4	10.53	149.8	10.80	155.6	11.06	160.0	11.26
		17.8	113.4	6.77	122.8	7.91	133.8	9.21	145.4	10.37	149.8	10.63	155.6	10.89	160.0	11.09
		35.5	113.4	6.23	122.8	7.39	133.8	8.61	145.4	9.71	149.8	9.95	155.6	10.21	160.0	10.39
		44.4	113.4	6.07	122.8	7.23	133.8	8.43	145.4	9.51	149.8	9.75	155.6	10.01	160.0	10.15
		53.3	113.4	5.99	122.8	7.15	133.8	8.34	145.4	9.41	149.8	9.65	155.6	9.91	160.0	10.03
	104	14.2	103.0	7.44	111.4	8.65	121.4	10.07	132.0	11.35	135.8	11.61	141.2	11.89	145.2	12.11
		17.8	103.0	7.29	111.4	8.51	121.4	9.91	132.0	11.17	135.8	11.43	141.2	11.71	145.2	11.93
		35.5	103.0	6.71	111.4	7.95	121.4	9.27	132.0	10.45	135.8	10.69	141.2	10.97	145.2	11.19
		44.4	103.0	6.53	111.4	7.79	121.4	9.09	132.0	10.23	135.8	10.49	141.2	10.77	145.2	10.93
		53.3	103.0	6.44	111.4	7.71	121.4	9.00	132.0	10.12	135.8	10.39	141.2	10.67	145.2	10.80
	113	14.2	92.6	7.97	100.0	9.26	109.0	10.78	118.6	12.16	121.8	12.43	126.8	12.73	130.4	12.96
		17.8	92.6	7.81	100.0	9.11	109.0	10.61	118.6	11.97	121.8	12.23	126.8	12.53	130.4	12.77
		35.5	92.6	7.19	100.0	8.51	109.0	9.93	118.6	11.19	121.8	11.43	126.8	11.73	130.4	11.99
		44.4	92.6	6.99	100.0	8.35	109.0	9.75	118.6	10.95	121.8	11.23	126.8	11.53	130.4	11.71
		53.3	92.6	6.89	100.0	8.27	109.0	9.66	118.6	10.83	121.8	11.13	126.8	11.43	130.4	11.57
110	23	9.4	119.5	2.67	129.3	3.10	140.7	3.57	153.1	4.05	157.7	4.12	164.1	4.25	168.3	4.30
	32	10.5	119.5	2.67	129.3	3.10	140.7	3.57	153.1	4.05	157.7	4.12	164.1	4.25	168.3	4.30
	41	12.1	119.5	2.67	129.3	3.10	140.7	3.57	153.1	4.05	157.7	4.12	164.1	4.25	168.3	4.30
	50	14.2	119.5	2.67	129.3	3.10	140.7	3.57	153.1	4.05	157.7	4.12	164.1	4.25	168.3	4.30
		17.8	119.5	2.62	129.3	3.04	140.7	3.52	153.1	3.99	157.7	4.06	164.1	4.18	168.3	4.23
		35.5	119.5	2.41	129.3	2.83	140.7	3.31	153.1	3.74	157.7	3.83	164.1	3.89	168.3	3.96
		44.4	119.5	2.33	129.3	2.77	140.7	3.23	153.1	3.66	157.7	3.73	164.1	3.81	168.3	3.91
		53.3	119.5	2.29	129.3	2.74	140.7	3.20	153.1	3.62	157.7	3.68	164.1	3.77	168.3	3.88
	59	14.2	118.8	3.57	128.6	4.15	140.0	4.81	152.2	5.42	156.8	5.54	163.0	5.68	167.4	5.78
		17.8	118.8	3.50	128.6	4.08	140.0	4.73	152.2	5.33	156.8	5.45	163.0	5.59	167.4	5.69
		35.5	118.8	3.22	128.6	3.80	140.0	4.43	152.2	4.99	156.8	5.11	163.0	5.23	167.4	5.33
		44.4	118.8	3.12	128.6	3.72	140.0	4.34	152.2	4.89	156.8	5.01	163.0	5.13	167.4	5.21
		53.3	118.8	3.07	128.6	3.68	140.0	4.29	152.2	4.84	156.8	4.96	163.0	5.08	167.4	5.15
	67	14.2	118.2	4.36	128.0	5.08	139.4	5.91	151.4	6.64	156.0	6.80	162.0	6.96	166.6	7.10
		17.8	118.2	4.28	128.0	4.99	139.4	5.81	151.4	6.53	156.0	6.69	162.0	6.85	166.6	6.99
		35.5	118.2	3.94	128.0	4.65	139.4	5.43	151.4	6.11	156.0	6.25	162.0	6.43	166.6	6.55
		44.4	118.2	3.82	128.0	4.55	139.4	5.31	151.4	5.99	156.0	6.15	162.0	6.31	166.6	6.37
		53.3	118.2	3.76	128.0	4.51	139.4	5.25	151.4	5.93	156.0	6.10	162.0	6.25	166.6	6.28
	75	14.2	118.2	5.34	128.0	6.21	139.4	7.23	151.4	8.14	156.0	8.32	162.0	8.52	166.6	8.69
		17.8	118.2	5.23	128.0	6.11	139.4	7.11	151.4	8.01	156.0	8.19	162.0	8.39	166.6	8.55
		35.5	118.2	4.81	128.0	5.71	139.4	6.65	151.4	7.49	156.0	7.67	162.0	7.87	166.6	8.01
		44.4	118.2	4.67	128.0	5.59	139.4	6.51	151.4	7.33	156.0	7.53	162.0	7.71	166.6	7.81
		53.3	118.2	4.61	128.0	5.53	139.4	6.44	151.4	7.25	156.0	7.46	162.0	7.63	166.6	7.71
	86	14.2	118.2	6.50	128.0	7.58	139.4	8.81	151.4	9.93	156.0	10.15	162.0	10.41	166.6	10.59
		17.8	118.2	6.37	128.0	7.45	139.4	8.67	151.4	9.77	156.0	9.99	162.0	10.25	166.6	10.43
		35.5	118.2	5.87	128.0	6.95	139.4	8.11	151.4	9.13	156.0	9.35	162.0	9.59	166.6	9.77
		44.4	118.2	5.71	128.0	6.81	139.4	7.93	151.4	8.95	156.0	9.17	162.0	9.41	166.6	9.53
		53.3	118.2	5.63	128.0	6.74	139.4	7.84	151.4	8.86	156.0	9.08	162.0	9.32	166.6	9.41
	95	14.2	110.0	6.77	119.2	7.86	129.8	9.16	141.2	10.31	145.4	10.55	151.0	10.82	155.2	11.02
		17.8	110.0	6.63	119.2	7.73	129.8	9.01	141.2	10.15	145.4	10.39	151.0	10.65	155.2	10.85
		35.5	110.0	6.09	119.2	7.23	129.8	8.43	141.2	9.49	145.4	9.73	151.0	9.97	155.2	10.15
		44.4	110.0	5.93	119.2	7.07	129.8	8.25	141.2	9.31	145.4	9.53	151.0	9.79	155.2	9.91
		53.3	110.0	5.85	119.2	6.99	129.8	8.16	141.2	9.22	145.4	9.43	151.0	9.70	155.2	9.79

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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COOLING CAPACITY DATA

ARWN144BAS4, ARWB144BAS4

144,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
110	104	14.2	102.0	7.44	110.4	8.63	120.4	10.08	130.8	11.33	134.6	11.59	140.0	11.87	143.8	12.09
		17.8	102.0	7.29	110.4	8.49	120.4	9.91	130.8	11.15	134.6	11.41	140.0	11.69	143.8	11.91
		35.5	102.0	6.69	110.4	7.95	120.4	9.25	130.8	10.43	134.6	10.67	140.0	10.95	143.8	11.17
		44.4	102.0	6.51	110.4	7.77	120.4	9.07	130.8	10.23	134.6	10.47	140.0	10.75	143.8	10.89
		53.3	102.0	6.42	110.4	7.68	120.4	8.98	130.8	10.13	134.6	10.37	140.0	10.65	143.8	10.75
	113	14.2	94.0	8.12	101.6	9.40	111.0	10.99	120.4	12.34	123.8	12.63	129.0	12.93	132.4	13.16
		17.8	94.0	7.95	101.6	9.25	111.0	10.81	120.4	12.15	123.8	12.43	129.0	12.73	132.4	12.97
		35.5	94.0	7.29	101.6	8.67	111.0	10.07	120.4	11.37	123.8	11.61	129.0	11.93	132.4	12.19
		44.4	94.0	7.09	101.6	8.47	111.0	9.89	120.4	11.15	123.8	11.41	129.0	11.71	132.4	11.87
		53.3	94.0	6.99	101.6	8.37	111.0	9.80	120.4	11.04	123.8	11.31	129.0	11.60	132.4	11.71
100	23	9.4	112.4	2.49	121.6	2.92	132.4	3.38	144.0	3.78	148.4	3.88	154.0	4.00	158.4	4.09
	32	10.5	112.4	2.49	121.6	2.92	132.4	3.38	144.0	3.78	148.4	3.88	154.0	4.00	158.4	4.09
	41	12.1	112.4	2.49	121.6	2.92	132.4	3.38	144.0	3.78	148.4	3.88	154.0	4.00	158.4	4.09
	50	14.2	112.4	2.49	121.6	2.92	132.4	3.38	144.0	3.78	148.4	3.88	154.0	4.00	158.4	4.09
		17.8	112.4	2.44	121.6	2.86	132.4	3.32	144.0	3.73	148.4	3.82	154.0	3.94	158.4	4.02
		35.5	112.4	2.25	121.6	2.65	132.4	3.11	144.0	3.52	148.4	3.62	154.0	3.69	158.4	3.73
		44.4	112.4	2.21	121.6	2.59	132.4	3.06	144.0	3.42	148.4	3.52	154.0	3.61	158.4	3.67
		53.3	112.4	2.20	121.6	2.56	132.4	3.03	144.0	3.37	148.4	3.47	154.0	3.57	158.4	3.65
	59	14.2	112.4	3.38	121.6	3.94	132.4	4.59	144.0	5.15	148.4	5.27	154.0	5.42	158.4	5.52
		17.8	112.4	3.32	121.6	3.88	132.4	4.51	144.0	5.07	148.4	5.19	154.0	5.33	158.4	5.43
		35.5	112.4	3.06	121.6	3.62	132.4	4.22	144.0	4.75	148.4	4.87	154.0	4.99	158.4	5.07
		44.4	112.4	2.98	121.6	3.54	132.4	4.14	144.0	4.65	148.4	4.77	154.0	4.89	158.4	4.95
		53.3	112.4	2.94	121.6	3.50	132.4	4.10	144.0	4.60	148.4	4.72	154.0	4.84	158.4	4.89
	67	14.2	112.4	4.18	121.6	4.85	132.4	5.67	144.0	6.38	148.4	6.52	154.0	6.68	158.4	6.80
		17.8	112.4	4.10	121.6	4.77	132.4	5.57	144.0	6.27	148.4	6.41	154.0	6.57	158.4	6.69
		35.5	112.4	3.78	121.6	4.47	132.4	5.19	144.0	5.85	148.4	5.99	154.0	6.15	158.4	6.27
		44.4	112.4	3.66	121.6	4.38	132.4	5.09	144.0	5.75	148.4	5.89	154.0	6.03	158.4	6.09
		53.3	112.4	3.60	121.6	4.33	132.4	5.04	144.0	5.70	148.4	5.84	154.0	5.97	158.4	6.00
	75	14.2	112.4	5.10	121.6	5.93	132.4	6.90	144.0	7.78	148.4	7.96	154.0	8.14	158.4	8.31
		17.8	112.4	4.99	121.6	5.83	132.4	6.79	144.0	7.65	148.4	7.83	154.0	8.01	158.4	8.17
		35.5	112.4	4.59	121.6	5.45	132.4	6.35	144.0	7.15	148.4	7.31	154.0	7.51	158.4	7.63
		44.4	112.4	4.47	121.6	5.33	132.4	6.21	144.0	7.01	148.4	7.17	154.0	7.37	158.4	7.43
		53.3	112.4	4.42	121.6	5.27	132.4	6.14	144.0	6.94	148.4	7.10	154.0	7.30	158.4	7.33
	86	14.2	112.4	6.28	121.6	7.29	132.4	8.49	144.0	9.57	148.4	9.79	154.0	10.03	158.4	10.22
		17.8	112.4	6.15	121.6	7.17	132.4	8.35	144.0	9.41	148.4	9.63	154.0	9.87	158.4	10.05
		35.5	112.4	5.65	121.6	6.69	132.4	7.81	144.0	8.79	148.4	8.99	154.0	9.23	158.4	9.39
		44.4	112.4	5.49	121.6	6.55	132.4	7.65	144.0	8.61	148.4	8.83	154.0	9.05	158.4	9.15
		53.3	112.4	5.41	121.6	6.48	132.4	7.57	144.0	8.52	148.4	8.75	154.0	8.96	158.4	9.03
	95	14.2	106.8	6.62	115.6	7.70	125.8	8.96	136.8	10.10	141.0	10.33	146.4	10.57	150.4	10.76
		17.8	106.8	6.49	115.6	7.57	125.8	8.81	136.8	9.93	141.0	10.17	146.4	10.41	150.4	10.59
		35.5	106.8	5.97	115.6	7.07	125.8	8.23	136.8	9.27	141.0	9.51	146.4	9.75	150.4	9.91
		44.4	106.8	5.79	115.6	6.93	125.8	8.07	136.8	9.09	141.0	9.33	146.4	9.57	150.4	9.65
		53.3	106.8	5.70	115.6	6.86	125.8	7.99	136.8	9.00	141.0	9.24	146.4	9.48	150.4	9.52
	104	14.2	101.0	7.42	109.4	8.63	119.2	10.05	129.6	11.31	133.4	11.60	138.6	11.88	142.6	12.08
		17.8	101.0	7.27	109.4	8.49	119.2	9.89	129.6	11.13	133.4	11.41	138.6	11.69	142.6	11.89
		35.5	101.0	6.69	109.4	7.93	119.2	9.25	129.6	10.41	133.4	10.65	138.6	10.93	142.6	11.13
		44.4	101.0	6.51	109.4	7.77	119.2	9.05	129.6	10.21	133.4	10.47	138.6	10.73	142.6	10.83
		53.3	101.0	6.42	109.4	7.69	119.2	8.95	129.6	10.11	133.4	10.38	138.6	10.63	142.6	10.68
	113	14.2	95.2	8.21	103.2	9.57	112.6	11.14	122.4	12.52	125.8	12.86	130.8	13.18	134.8	13.40
		17.8	95.2	8.05	103.2	9.41	112.6	10.97	122.4	12.33	125.8	12.65	130.8	12.97	134.8	13.19
		35.5	95.2	7.41	103.2	8.79	112.6	10.27	122.4	11.55	125.8	11.79	130.8	12.11	134.8	12.35
		44.4	95.2	7.23	103.2	8.61	112.6	10.03	122.4	11.33	125.8	11.61	130.8	11.89	134.8	12.01
		53.3	95.2	7.14	103.2	8.52	112.6	9.91	122.4	11.22	125.8	11.52	130.8	11.78	134.8	11.84
90	23	9.4	101.0	2.15	109.4	2.50	119.2	2.88	129.6	3.28	133.4	3.36	138.6	3.46	142.6	3.52
	32	10.5	101.0	2.15	109.4	2.50	119.2	2.88	129.6	3.28	133.4	3.36	138.6	3.46	142.6	3.52
	41	12.1	101.0	2.15	109.4	2.50	119.2	2.88	129.6	3.28	133.4	3.36	138.6	3.46	142.6	3.52
	50	14.2	101.0	2.15	109.4	2.50	119.2	2.88	129.6	3.28	133.4	3.36	138.6	3.46	142.6	3.52
		17.8	101.0	2.12	109.4	2.46	119.2	2.84	129.6	3.23	133.4	3.31	138.6	3.40	142.6	3.46
		35.5	101.0	1.96	109.4	2.31	119.2	2.69	129.6	3.04	133.4	3.09	138.6	3.17	142.6	3.23
		44.4	101.0	1.88	109.4	2.27	119.2	2.61	129.6	2.96	133.4	3.04	138.6	3.11	142.6	3.13
		53.3	101.0	1.84	109.4	2.25	119.2	2.57	129.6	2.92	133.4	3.01	138.6	3.09	142.6	3.08

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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MULTI V WATER IV

COOLING CAPACITY DATA

ARWN144BAS4, ARWB144BAS4

144,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
90	59	14.2	101.0	2.91	109.4	3.39	119.2	3.94	129.6	4.45	133.4	4.55	138.6	4.67	142.6	4.75
		17.8	101.0	2.86	109.4	3.34	119.2	3.88	129.6	4.38	133.4	4.47	138.6	4.59	142.6	4.67
		35.5	101.0	2.64	109.4	3.12	119.2	3.64	129.6	4.10	133.4	4.20	138.6	4.30	142.6	4.38
		44.4	101.0	2.56	109.4	3.06	119.2	3.56	129.6	4.02	133.4	4.12	138.6	4.22	142.6	4.26
		53.3	101.0	2.52	109.4	3.03	119.2	3.52	129.6	3.98	133.4	4.08	138.6	4.18	142.6	4.20
	67	14.2	101.0	3.59	109.4	4.19	119.2	4.88	129.6	5.48	133.4	5.60	138.6	5.74	142.6	5.84
		17.8	101.0	3.52	109.4	4.12	119.2	4.79	129.6	5.39	133.4	5.51	138.6	5.65	142.6	5.75
		35.5	101.0	3.24	109.4	3.84	119.2	4.47	129.6	5.03	133.4	5.17	138.6	5.29	142.6	5.39
		44.4	101.0	3.16	109.4	3.76	119.2	4.40	129.6	4.95	133.4	5.07	138.6	5.19	142.6	5.25
		53.3	101.0	3.12	109.4	3.72	119.2	4.36	129.6	4.91	133.4	5.02	138.6	5.14	142.6	5.18
	75	14.2	101.0	4.38	109.4	5.10	119.2	5.93	129.6	6.68	133.4	6.84	138.6	7.00	142.6	7.15
		17.8	101.0	4.30	109.4	5.01	119.2	5.83	129.6	6.57	133.4	6.73	138.6	6.89	142.6	7.03
		35.5	101.0	3.96	109.4	4.69	119.2	5.45	129.6	6.15	133.4	6.29	138.6	6.45	142.6	6.57
		44.4	101.0	3.84	109.4	4.59	119.2	5.35	129.6	6.03	133.4	6.17	138.6	6.33	142.6	6.41
		53.3	101.0	3.78	109.4	4.55	119.2	5.30	129.6	5.97	133.4	6.11	138.6	6.27	142.6	6.33
	86	14.2	101.0	5.40	109.4	6.27	119.2	7.31	129.6	8.22	133.4	8.43	138.6	8.63	142.6	8.79
		17.8	101.0	5.29	109.4	6.17	119.2	7.19	129.6	8.09	133.4	8.29	138.6	8.49	142.6	8.65
		35.5	101.0	4.85	109.4	5.77	119.2	6.71	129.6	7.57	133.4	7.75	138.6	7.95	142.6	8.09
		44.4	101.0	4.73	109.4	5.65	119.2	6.57	129.6	7.41	133.4	7.61	138.6	7.79	142.6	7.87
		53.3	101.0	4.67	109.4	5.59	119.2	6.50	129.6	7.33	133.4	7.54	138.6	7.71	142.6	7.76
	95	14.2	98.2	5.83	106.4	6.76	116.0	7.88	126.0	8.87	129.8	9.08	134.8	9.30	138.6	9.48
		17.8	98.2	5.71	106.4	6.65	116.0	7.75	126.0	8.73	129.8	8.93	134.8	9.15	138.6	9.33
		35.5	98.2	5.25	106.4	6.23	116.0	7.25	126.0	8.17	129.8	8.35	134.8	8.57	138.6	8.73
		44.4	98.2	5.09	106.4	6.09	116.0	7.09	126.0	8.01	129.8	8.21	134.8	8.41	138.6	8.49
		53.3	98.2	5.01	106.4	6.02	116.0	7.01	126.0	7.93	129.8	8.14	134.8	8.33	138.6	8.37
	104	14.2	95.4	6.68	103.4	7.78	112.6	9.06	122.4	10.20	126.0	10.43	131.0	10.70	134.6	10.88
		17.8	95.4	6.55	103.4	7.65	112.6	8.91	122.4	10.03	126.0	10.27	131.0	10.53	134.6	10.71
		35.5	95.4	6.03	103.4	7.15	112.6	8.33	122.4	9.37	126.0	9.61	131.0	9.85	134.6	10.03
		44.4	95.4	5.85	103.4	6.99	112.6	8.15	122.4	9.19	126.0	9.43	131.0	9.67	134.6	9.77
		53.3	95.4	5.76	103.4	6.91	112.6	8.06	122.4	9.10	126.0	9.34	131.0	9.58	134.6	9.64
	113	14.2	92.6	7.54	100.4	8.80	109.2	10.24	118.8	11.52	122.2	11.79	127.2	12.10	130.6	12.28
		17.8	92.6	7.39	100.4	8.65	109.2	10.07	118.8	11.33	122.2	11.61	127.2	11.91	130.6	12.09
		35.5	92.6	6.81	100.4	8.07	109.2	9.41	118.8	10.57	122.2	10.87	127.2	11.13	130.6	11.33
		44.4	92.6	6.61	100.4	7.89	109.2	9.21	118.8	10.37	122.2	10.65	127.2	10.93	130.6	11.05
		53.3	92.6	6.51	100.4	7.80	109.2	9.11	118.8	10.27	122.2	10.54	127.2	10.83	130.6	10.91
80	23	9.4	89.8	1.81	97.4	2.08	106.0	2.45	115.2	2.78	118.6	2.81	123.2	2.92	126.8	2.93
	32	10.5	89.8	1.81	97.4	2.08	106.0	2.45	115.2	2.78	118.6	2.81	123.2	2.92	126.8	2.93
	41	12.1	89.8	1.81	97.4	2.08	106.0	2.45	115.2	2.78	118.6	2.81	123.2	2.92	126.8	2.93
	50	14.2	89.8	1.81	97.4	2.08	106.0	2.45	115.2	2.78	118.6	2.81	123.2	2.92	126.8	2.93
		17.8	89.8	1.77	97.4	2.06	106.0	2.40	115.2	2.73	118.6	2.77	123.2	2.87	126.8	2.88
		35.5	89.8	1.61	97.4	1.94	106.0	2.23	115.2	2.54	118.6	2.59	123.2	2.65	126.8	2.69
		44.4	89.8	1.58	97.4	1.88	106.0	2.19	115.2	2.46	118.6	2.51	123.2	2.61	126.8	2.65
		53.3	89.8	1.56	97.4	1.85	106.0	2.17	115.2	2.42	118.6	2.47	123.2	2.60	126.8	2.64
	59	14.2	89.8	2.45	97.4	2.84	106.0	3.31	115.2	3.74	118.6	3.82	123.2	3.92	126.8	3.98
		17.8	89.8	2.40	97.4	2.80	106.0	3.26	115.2	3.68	118.6	3.76	123.2	3.86	126.8	3.92
		35.5	89.8	2.20	97.4	2.62	106.0	3.04	115.2	3.44	118.6	3.52	123.2	3.60	126.8	3.66
		44.4	89.8	2.14	97.4	2.56	106.0	2.98	115.2	3.36	118.6	3.44	123.2	3.54	126.8	3.58
		53.3	89.8	2.11	97.4	2.53	106.0	2.95	115.2	3.32	118.6	3.40	123.2	3.51	126.8	3.54
	67	14.2	89.8	3.02	97.4	3.52	106.0	4.08	115.2	4.59	118.6	4.71	123.2	4.81	126.8	4.92
		17.8	89.8	2.96	97.4	3.46	106.0	4.02	115.2	4.51	118.6	4.63	123.2	4.73	126.8	4.83
		35.5	89.8	2.72	97.4	3.22	106.0	3.76	115.2	4.24	118.6	4.34	123.2	4.43	126.8	4.51
		44.4	89.8	2.64	97.4	3.16	106.0	3.68	115.2	4.16	118.6	4.26	123.2	4.36	126.8	4.40
		53.3	89.8	2.60	97.4	3.13	106.0	3.64	115.2	4.12	118.6	4.22	123.2	4.32	126.8	4.34
	75	14.2	89.8	3.67	97.4	4.26	106.0	4.98	115.2	5.60	118.6	5.75	123.2	5.89	126.8	5.99
		17.8	89.8	3.60	97.4	4.20	106.0	4.89	115.2	5.51	118.6	5.65	123.2	5.79	126.8	5.89
		35.5	89.8	3.32	97.4	3.94	106.0	4.57	115.2	5.15	118.6	5.27	123.2	5.41	126.8	5.51
		44.4	89.8	3.22	97.4	3.86	106.0	4.49	115.2	5.05	118.6	5.17	123.2	5.31	126.8	5.37
		53.3	89.8	3.17	97.4	3.82	106.0	4.46	115.2	5.00	118.6	5.12	123.2	5.26	126.8	5.30

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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COOLING CAPACITY DATA

ARWN144BAS4, ARWB144BAS4

144,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
80	86	14.2	89.8	4.53	97.4	5.26	106.0	6.13	115.2	6.91	118.6	7.07	123.2	7.23	126.8	7.37
		17.8	89.8	4.43	97.4	5.17	106.0	6.03	115.2	6.79	118.6	6.95	123.2	7.11	126.8	7.25
		35.5	89.8	4.08	97.4	4.83	106.0	5.63	115.2	6.33	118.6	6.49	123.2	6.65	126.8	6.77
		44.4	89.8	3.96	97.4	4.73	106.0	5.51	115.2	6.21	118.6	6.37	123.2	6.53	126.8	6.59
		53.3	89.8	3.90	97.4	4.68	106.0	5.45	115.2	6.15	118.6	6.31	123.2	6.47	126.8	6.50
	95	14.2	89.8	5.04	97.4	5.85	106.0	6.80	115.2	7.65	118.6	7.84	123.2	8.04	126.8	8.18
		17.8	89.8	4.93	97.4	5.75	106.0	6.69	115.2	7.53	118.6	7.71	123.2	7.91	126.8	8.05
		35.5	89.8	4.53	97.4	5.37	106.0	6.25	115.2	7.05	118.6	7.21	123.2	7.39	126.8	7.53
		44.4	89.8	4.41	97.4	5.25	106.0	6.13	115.2	6.91	118.6	7.07	123.2	7.27	126.8	7.33
		53.3	89.8	4.36	97.4	5.19	106.0	6.07	115.2	6.84	118.6	7.00	123.2	7.21	126.8	7.23
	104	14.2	89.8	5.95	97.4	6.93	106.0	8.06	115.2	9.08	118.6	9.28	123.2	9.52	126.8	9.68
		17.8	89.8	5.83	97.4	6.81	106.0	7.93	115.2	8.93	118.6	9.13	123.2	9.37	126.8	9.53
		35.5	89.8	5.37	97.4	6.35	106.0	7.41	115.2	8.35	118.6	8.55	123.2	8.77	126.8	8.93
		44.4	89.8	5.21	97.4	6.23	106.0	7.25	115.2	8.19	118.6	8.39	123.2	8.59	126.8	8.69
		53.3	89.8	5.13	97.4	6.17	106.0	7.17	115.2	8.11	118.6	8.31	123.2	8.50	126.8	8.57
	113	14.2	89.8	6.86	97.4	8.01	106.0	9.32	115.2	10.50	118.6	10.71	123.2	11.00	126.8	11.18
		17.8	89.8	6.73	97.4	7.87	106.0	9.17	115.2	10.33	118.6	10.55	123.2	10.83	126.8	11.01
		35.5	89.8	6.21	97.4	7.33	106.0	8.57	115.2	9.65	118.6	9.89	123.2	10.15	126.8	10.33
		44.4	89.8	6.01	97.4	7.21	106.0	8.37	115.2	9.47	118.6	9.71	123.2	9.91	126.8	10.05
		53.3	89.8	5.91	97.4	7.15	106.0	8.27	115.2	9.38	118.6	9.62	123.2	9.79	126.8	9.91
70	23	9.4	78.6	1.51	85.2	1.73	92.8	2.05	100.8	2.31	103.8	2.32	107.8	2.40	110.8	2.44
	32	10.5	78.6	1.51	85.2	1.73	92.8	2.05	100.8	2.31	103.8	2.32	107.8	2.40	110.8	2.44
	41	12.1	78.6	1.51	85.2	1.73	92.8	2.05	100.8	2.31	103.8	2.32	107.8	2.40	110.8	2.44
	50	14.2	78.6	1.51	85.2	1.73	92.8	2.05	100.8	2.31	103.8	2.32	107.8	2.40	110.8	2.44
		17.8	78.6	1.48	85.2	1.71	92.8	2.02	100.8	2.27	103.8	2.28	107.8	2.36	110.8	2.40
		35.5	78.6	1.37	85.2	1.62	92.8	1.89	100.8	2.12	103.8	2.15	107.8	2.21	110.8	2.27
		44.4	78.6	1.31	85.2	1.56	92.8	1.83	100.8	2.06	103.8	2.09	107.8	2.17	110.8	2.21
		53.3	78.6	1.28	85.2	1.53	92.8	1.80	100.8	2.03	103.8	2.06	107.8	2.15	110.8	2.18
	59	14.2	78.6	2.04	85.2	2.35	92.8	2.76	100.8	3.11	103.8	3.17	107.8	3.25	110.8	3.31
		17.8	78.6	2.00	85.2	2.32	92.8	2.72	100.8	3.06	103.8	3.12	107.8	3.20	110.8	3.26
		35.5	78.6	1.84	85.2	2.18	92.8	2.54	100.8	2.86	103.8	2.92	107.8	3.00	110.8	3.06
		44.4	78.6	1.78	85.2	2.12	92.8	2.48	100.8	2.80	103.8	2.86	107.8	2.94	110.8	2.98
		53.3	78.6	1.75	85.2	2.09	92.8	2.45	100.8	2.77	103.8	2.83	107.8	2.91	110.8	2.94
	67	14.2	78.6	2.51	85.2	2.90	92.8	3.39	100.8	3.82	103.8	3.92	107.8	4.00	110.8	4.08
		17.8	78.6	2.46	85.2	2.86	92.8	3.34	100.8	3.76	103.8	3.86	107.8	3.94	110.8	4.02
		35.5	78.6	2.26	85.2	2.68	92.8	3.12	100.8	3.52	103.8	3.60	107.8	3.70	110.8	3.76
		44.4	78.6	2.20	85.2	2.62	92.8	3.06	100.8	3.46	103.8	3.54	107.8	3.62	110.8	3.66
		53.3	78.6	2.17	85.2	2.59	92.8	3.03	100.8	3.43	103.8	3.51	107.8	3.58	110.8	3.61
	75	14.2	78.6	3.06	85.2	3.55	92.8	4.14	100.8	4.67	103.8	4.77	107.8	4.90	110.8	4.98
		17.8	78.6	3.00	85.2	3.50	92.8	4.08	100.8	4.59	103.8	4.69	107.8	4.81	110.8	4.89
		35.5	78.6	2.76	85.2	3.28	92.8	3.82	100.8	4.30	103.8	4.40	107.8	4.49	110.8	4.57
		44.4	78.6	2.68	85.2	3.20	92.8	3.74	100.8	4.20	103.8	4.32	107.8	4.41	110.8	4.45
		53.3	78.6	2.64	85.2	3.16	92.8	3.70	100.8	4.15	103.8	4.28	107.8	4.38	110.8	4.40
	86	14.2	78.6	3.77	85.2	4.37	92.8	5.10	100.8	5.72	103.8	5.87	107.8	6.01	110.8	6.11
		17.8	78.6	3.70	85.2	4.30	92.8	5.01	100.8	5.63	103.8	5.77	107.8	5.91	110.8	6.01
		35.5	78.6	3.40	85.2	4.02	92.8	4.67	100.8	5.27	103.8	5.39	107.8	5.53	110.8	5.63
		44.4	78.6	3.30	85.2	3.94	92.8	4.59	100.8	5.17	103.8	5.29	107.8	5.43	110.8	5.49
		53.3	78.6	3.25	85.2	3.90	92.8	4.56	100.8	5.12	103.8	5.24	107.8	5.38	110.8	5.42
	95	14.2	78.6	4.18	85.2	4.85	92.8	5.67	100.8	6.38	103.8	6.52	107.8	6.68	110.8	6.80
		17.8	78.6	4.10	85.2	4.77	92.8	5.57	100.8	6.27	103.8	6.41	107.8	6.57	110.8	6.69
		35.5	78.6	3.78	85.2	4.47	92.8	5.19	100.8	5.85	103.8	5.99	107.8	6.15	110.8	6.27
		44.4	78.6	3.66	85.2	4.38	92.8	5.09	100.8	5.75	103.8	5.89	107.8	6.03	110.8	6.09
		53.3	78.6	3.60	85.2	4.33	92.8	5.04	100.8	5.70	103.8	5.84	107.8	5.97	110.8	6.00
	104	14.2	78.6	4.96	85.2	5.74	92.8	6.70	100.8	7.53	103.8	7.71	107.8	7.92	110.8	8.06
		17.8	78.6	4.85	85.2	5.65	92.8	6.59	100.8	7.41	103.8	7.59	107.8	7.79	110.8	7.93
		35.5	78.6	4.45	85.2	5.29	92.8	6.15	100.8	6.93	103.8	7.11	107.8	7.29	110.8	7.41
		44.4	78.6	4.34	85.2	5.17	92.8	6.03	100.8	6.81	103.8	6.97	107.8	7.15	110.8	7.23
		53.3	78.6	4.28	85.2	5.11	92.8	5.97	100.8	6.75	103.8	6.90	107.8	7.08	110.8	7.14

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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MULTI V WATER IV

COOLING CAPACITY DATA

ARWN144BAS4, ARWB144BAS4

144,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
70	113	14.2	78.6	5.73	85.2	6.64	92.8	7.74	100.8	8.69	103.8	8.91	107.8	9.16	110.8	9.33
		17.8	78.6	5.61	85.2	6.53	92.8	7.61	100.8	8.55	103.8	8.77	107.8	9.01	110.8	9.17
		35.5	78.6	5.13	85.2	6.11	92.8	7.11	100.8	8.01	103.8	8.23	107.8	8.43	110.8	8.55
		44.4	78.6	5.01	85.2	5.97	92.8	6.97	100.8	7.87	103.8	8.05	107.8	8.27	110.8	8.37
		53.3	78.6	4.95	85.2	5.90	92.8	6.90	100.8	7.80	103.8	7.96	107.8	8.19	110.8	8.28
60	23	9.4	67.4	1.22	73.0	1.41	79.4	1.63	86.4	1.84	89.0	1.89	92.4	1.95	95.0	1.95
	32	10.5	67.4	1.22	73.0	1.41	79.4	1.63	86.4	1.84	89.0	1.89	92.4	1.95	95.0	1.95
	41	12.1	67.4	1.22	73.0	1.41	79.4	1.63	86.4	1.84	89.0	1.89	92.4	1.95	95.0	1.95
	50	14.2	67.4	1.22	73.0	1.41	79.4	1.63	86.4	1.84	89.0	1.89	92.4	1.95	95.0	1.95
		17.8	67.4	1.19	73.0	1.39	79.4	1.60	86.4	1.81	89.0	1.85	92.4	1.91	95.0	1.92
		35.5	67.4	1.08	73.0	1.29	79.4	1.48	86.4	1.69	89.0	1.69	92.4	1.75	95.0	1.81
		44.4	67.4	1.04	73.0	1.25	79.4	1.46	86.4	1.65	89.0	1.67	92.4	1.71	95.0	1.73
		53.3	67.4	1.02	73.0	1.23	79.4	1.45	86.4	1.63	89.0	1.66	92.4	1.69	95.0	1.69
	59	14.2	67.4	1.63	73.0	1.89	79.4	2.19	86.4	2.48	89.0	2.54	92.4	2.60	95.0	2.64
		17.8	67.4	1.60	73.0	1.86	79.4	2.16	86.4	2.44	89.0	2.50	92.4	2.56	95.0	2.60
		35.5	67.4	1.46	73.0	1.74	79.4	2.02	86.4	2.28	89.0	2.32	92.4	2.38	95.0	2.44
		44.4	67.4	1.42	73.0	1.70	79.4	1.98	86.4	2.24	89.0	2.28	92.4	2.34	95.0	2.36
		53.3	67.4	1.40	73.0	1.68	79.4	1.96	86.4	2.22	89.0	2.26	92.4	2.32	95.0	2.32
	67	14.2	67.4	2.00	73.0	2.31	79.4	2.70	86.4	3.05	89.0	3.13	92.4	3.19	95.0	3.25
		17.8	67.4	1.96	73.0	2.28	79.4	2.66	86.4	3.00	89.0	3.08	92.4	3.14	95.0	3.20
		35.5	67.4	1.80	73.0	2.14	79.4	2.50	86.4	2.80	89.0	2.88	92.4	2.94	95.0	3.00
		44.4	67.4	1.76	73.0	2.10	79.4	2.44	86.4	2.76	89.0	2.82	92.4	2.90	95.0	2.92
		53.3	67.4	1.74	73.0	2.08	79.4	2.41	86.4	2.74	89.0	2.79	92.4	2.88	95.0	2.88
	75	14.2	67.4	2.45	73.0	2.82	79.4	3.29	86.4	3.72	89.0	3.80	92.4	3.90	95.0	3.96
		17.8	67.4	2.40	73.0	2.78	79.4	3.24	86.4	3.66	89.0	3.74	92.4	3.84	95.0	3.90
		35.5	67.4	2.20	73.0	2.60	79.4	3.04	86.4	3.42	89.0	3.50	92.4	3.60	95.0	3.66
		44.4	67.4	2.14	73.0	2.56	79.4	2.98	86.4	3.36	89.0	3.44	92.4	3.52	95.0	3.56
		53.3	67.4	2.11	73.0	2.54	79.4	2.95	86.4	3.33	89.0	3.41	92.4	3.48	95.0	3.51
	86	14.2	67.4	3.00	73.0	3.50	79.4	4.06	86.4	4.57	89.0	4.67	92.4	4.79	95.0	4.87
		17.8	67.4	2.94	73.0	3.44	79.4	4.00	86.4	4.49	89.0	4.59	92.4	4.71	95.0	4.79
		35.5	67.4	2.70	73.0	3.20	79.4	3.74	86.4	4.20	89.0	4.30	92.4	4.41	95.0	4.49
		44.4	67.4	2.64	73.0	3.14	79.4	3.66	86.4	4.12	89.0	4.22	92.4	4.34	95.0	4.38
		53.3	67.4	2.61	73.0	3.11	79.4	3.62	86.4	4.08	89.0	4.18	92.4	4.30	95.0	4.32
	95	14.2	67.4	3.32	73.0	3.88	79.4	4.51	86.4	5.08	89.0	5.20	92.4	5.31	95.0	5.42
		17.8	67.4	3.26	73.0	3.82	79.4	4.43	86.4	4.99	89.0	5.11	92.4	5.23	95.0	5.33
		35.5	67.4	3.00	73.0	3.56	79.4	4.16	86.4	4.67	89.0	4.77	92.4	4.91	95.0	4.99
		44.4	67.4	2.92	73.0	3.48	79.4	4.06	86.4	4.57	89.0	4.69	92.4	4.81	95.0	4.85
		53.3	67.4	2.88	73.0	3.44	79.4	4.01	86.4	4.53	89.0	4.65	92.4	4.76	95.0	4.78
	104	14.2	67.4	3.96	73.0	4.59	79.4	5.34	86.4	6.01	89.0	6.15	92.4	6.31	95.0	6.41
		17.8	67.4	3.88	73.0	4.51	79.4	5.25	86.4	5.91	89.0	6.05	92.4	6.21	95.0	6.31
		35.5	67.4	3.56	73.0	4.22	79.4	4.91	86.4	5.53	89.0	5.65	92.4	5.81	95.0	5.91
		44.4	67.4	3.46	73.0	4.14	79.4	4.81	86.4	5.41	89.0	5.55	92.4	5.69	95.0	5.75
		53.3	67.4	3.41	73.0	4.10	79.4	4.76	86.4	5.35	89.0	5.50	92.4	5.63	95.0	5.67
	113	14.2	67.4	4.59	73.0	5.30	79.4	6.17	86.4	6.94	89.0	7.11	92.4	7.31	95.0	7.41
		17.8	67.4	4.49	73.0	5.21	79.4	6.07	86.4	6.83	89.0	6.99	92.4	7.19	95.0	7.29
		35.5	67.4	4.12	73.0	4.87	79.4	5.67	86.4	6.39	89.0	6.53	92.4	6.71	95.0	6.83
		44.4	67.4	4.00	73.0	4.79	79.4	5.57	86.4	6.25	89.0	6.41	92.4	6.57	95.0	6.65
		53.3	67.4	3.94	73.0	4.75	79.4	5.52	86.4	6.18	89.0	6.35	92.4	6.50	95.0	6.56
50	23	9.4	56.2	0.87	60.8	1.03	66.2	1.24	72.0	1.37	74.2	1.38	77.0	1.43	79.2	1.47
	32	10.5	56.2	0.87	60.8	1.03	66.2	1.24	72.0	1.37	74.2	1.38	77.0	1.43	79.2	1.47
	41	12.1	56.2	0.87	60.8	1.03	66.2	1.24	72.0	1.37	74.2	1.38	77.0	1.43	79.2	1.47
	50	14.2	56.2	0.87	60.8	1.03	66.2	1.24	72.0	1.37	74.2	1.38	77.0	1.43	79.2	1.47
		17.8	56.2	0.86	60.8	1.02	66.2	1.21	72.0	1.35	74.2	1.36	77.0	1.40	79.2	1.44
		35.5	56.2	0.83	60.8	0.96	66.2	1.09	72.0	1.25	74.2	1.29	77.0	1.31	79.2	1.35
		44.4	56.2	0.79	60.8	0.92	66.2	1.10	72.0	1.21	74.2	1.25	77.0	1.27	79.2	1.29
		53.3	56.2	0.77	60.8	0.90	66.2	1.10	72.0	1.19	74.2	1.23	77.0	1.25	79.2	1.26
	59	14.2	56.2	1.20	60.8	1.40	66.2	1.65	72.0	1.85	74.2	1.89	77.0	1.93	79.2	1.97
		17.8	56.2	1.18	60.8	1.38	66.2	1.62	72.0	1.82	74.2	1.86	77.0	1.90	79.2	1.94
		35.5	56.2	1.10	60.8	1.30	66.2	1.50	72.0	1.70	74.2	1.74	77.0	1.78	79.2	1.82
		44.4	56.2	1.06	60.8	1.26	66.2	1.48	72.0	1.66	74.2	1.70	77.0	1.74	79.2	1.76
		53.3	56.2	1.04	60.8	1.24	66.2	1.47	72.0	1.64	74.2	1.68	77.0	1.72	79.2	1.73

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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COOLING CAPACITY DATA

ARWN144BAS4, ARWB144BAS4

144,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
50	67	14.2	56.2	1.49	60.8	1.72	66.2	2.01	72.0	2.27	74.2	2.34	77.0	2.37	79.2	2.41
		17.8	56.2	1.46	60.8	1.70	66.2	1.98	72.0	2.24	74.2	2.30	77.0	2.34	79.2	2.38
		35.5	56.2	1.34	60.8	1.60	66.2	1.86	72.0	2.10	74.2	2.14	77.0	2.20	79.2	2.24
		44.4	56.2	1.30	60.8	1.56	66.2	1.82	72.0	2.06	74.2	2.10	77.0	2.16	79.2	2.18
		53.3	56.2	1.28	60.8	1.54	66.2	1.80	72.0	2.04	74.2	2.08	77.0	2.14	79.2	2.15
	75	14.2	56.2	1.81	60.8	2.11	66.2	2.46	72.0	2.76	74.2	2.84	77.0	2.90	79.2	2.97
		17.8	56.2	1.78	60.8	2.08	66.2	2.42	72.0	2.72	74.2	2.80	77.0	2.86	79.2	2.92
		35.5	56.2	1.64	60.8	1.94	66.2	2.26	72.0	2.56	74.2	2.62	77.0	2.68	79.2	2.72
		44.4	56.2	1.60	60.8	1.90	66.2	2.22	72.0	2.50	74.2	2.56	77.0	2.62	79.2	2.66
		53.3	56.2	1.58	60.8	1.88	66.2	2.20	72.0	2.47	74.2	2.53	77.0	2.59	79.2	2.63
	86	14.2	56.2	2.24	60.8	2.60	66.2	3.03	72.0	3.41	74.2	3.49	77.0	3.57	79.2	3.63
		17.8	56.2	2.20	60.8	2.56	66.2	2.98	72.0	3.36	74.2	3.44	77.0	3.52	79.2	3.58
		35.5	56.2	2.02	60.8	2.40	66.2	2.78	72.0	3.14	74.2	3.22	77.0	3.30	79.2	3.36
		44.4	56.2	1.96	60.8	2.34	66.2	2.72	72.0	3.08	74.2	3.16	77.0	3.24	79.2	3.26
		53.3	56.2	1.93	60.8	2.31	66.2	2.69	72.0	3.05	74.2	3.13	77.0	3.21	79.2	3.21
	95	14.2	56.2	2.49	60.8	2.88	66.2	3.37	72.0	3.78	74.2	3.88	77.0	3.98	79.2	4.04
		17.8	56.2	2.44	60.8	2.84	66.2	3.32	72.0	3.72	74.2	3.82	77.0	3.92	79.2	3.98
		35.5	56.2	2.24	60.8	2.66	66.2	3.10	72.0	3.48	74.2	3.56	77.0	3.66	79.2	3.72
		44.4	56.2	2.18	60.8	2.60	66.2	3.04	72.0	3.42	74.2	3.50	77.0	3.60	79.2	3.62
		53.3	56.2	2.15	60.8	2.57	66.2	3.01	72.0	3.39	74.2	3.47	77.0	3.57	79.2	3.57
	104	14.2	56.2	2.93	60.8	3.41	66.2	3.98	72.0	4.49	74.2	4.59	77.0	4.71	79.2	4.79
		17.8	56.2	2.88	60.8	3.36	66.2	3.92	72.0	4.41	74.2	4.51	77.0	4.63	79.2	4.71
		35.5	56.2	2.66	60.8	3.14	66.2	3.66	72.0	4.12	74.2	4.22	77.0	4.34	79.2	4.41
		44.4	56.2	2.58	60.8	3.08	66.2	3.60	72.0	4.04	74.2	4.14	77.0	4.26	79.2	4.30
		53.3	56.2	2.54	60.8	3.05	66.2	3.57	72.0	4.00	74.2	4.10	77.0	4.22	79.2	4.24
	113	14.2	56.2	3.38	60.8	3.94	66.2	4.59	72.0	5.21	74.2	5.30	77.0	5.44	79.2	5.54
		17.8	56.2	3.32	60.8	3.88	66.2	4.51	72.0	5.11	74.2	5.21	77.0	5.35	79.2	5.45
		35.5	56.2	3.08	60.8	3.62	66.2	4.22	72.0	4.75	74.2	4.87	77.0	5.01	79.2	5.11
		44.4	56.2	2.98	60.8	3.56	66.2	4.16	72.0	4.65	74.2	4.77	77.0	4.91	79.2	4.97
		53.3	56.2	2.93	60.8	3.53	66.2	4.13	72.0	4.60	74.2	4.72	77.0	4.86	79.2	4.90

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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COOLING CAPACITY DATA

ARWN192BAS4, ARWB192BAS4

192,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
130	23	13.4	178.2	3.67	193.1	4.30	210.8	5.00	228.7	5.64	235.3	5.80	244.7	5.91	251.4	5.96
	32	15.0	178.2	3.67	193.1	4.30	210.8	5.00	228.7	5.64	235.3	5.80	244.7	5.91	251.4	5.96
	41	17.3	178.2	3.67	193.1	4.30	210.8	5.00	228.7	5.64	235.3	5.80	244.7	5.91	251.4	5.96
	50	20.3	178.2	3.67	193.1	4.30	210.8	5.00	228.7	5.64	235.3	5.80	244.7	5.91	251.4	5.96
		25.4	178.2	3.60	193.1	4.23	210.8	4.93	228.7	5.55	235.3	5.70	244.7	5.81	251.4	5.88
		50.7	178.2	3.34	193.1	3.97	210.8	4.62	228.7	5.19	235.3	5.28	244.7	5.45	251.4	5.58
		63.4	178.2	3.24	193.1	3.87	210.8	4.52	228.7	5.07	235.3	5.22	244.7	5.33	251.4	5.43
		76.1	178.2	3.20	193.1	3.82	210.8	4.47	228.7	5.01	235.3	5.18	244.7	5.27	251.4	5.36
	59	20.3	175.5	4.84	190.1	5.63	207.2	6.57	225.1	7.40	231.7	7.58	240.8	7.75	247.5	7.87
		25.4	175.5	4.75	190.1	5.54	207.2	6.46	225.1	7.29	231.7	7.46	240.8	7.63	247.5	7.76
		50.7	175.5	4.38	190.1	5.20	207.2	6.04	225.1	6.81	231.7	6.96	240.8	7.16	247.5	7.31
		63.4	175.5	4.25	190.1	5.07	207.2	5.92	225.1	6.66	231.7	6.84	240.8	7.01	247.5	7.14
		76.1	175.5	4.19	190.1	5.01	207.2	5.86	225.1	6.59	231.7	6.78	240.8	6.94	247.5	7.05
	67	20.3	173.1	5.89	187.5	6.82	204.0	7.96	221.9	8.97	228.5	9.17	237.3	9.39	244.0	9.57
		25.4	173.1	5.77	187.5	6.71	204.0	7.83	221.9	8.83	228.5	9.03	237.3	9.25	244.0	9.42
		50.7	173.1	5.30	187.5	6.29	204.0	7.31	221.9	8.25	228.5	8.45	237.3	8.68	244.0	8.85
		63.4	173.1	5.15	187.5	6.14	204.0	7.16	221.9	8.08	228.5	8.28	237.3	8.50	244.0	8.65
		76.1	173.1	5.07	187.5	6.07	204.0	7.09	221.9	7.99	228.5	8.19	237.3	8.42	244.0	8.55
	75	20.3	173.1	7.26	187.5	8.41	204.0	9.80	221.9	11.04	228.5	11.32	237.3	11.59	244.0	11.79
		25.4	173.1	7.11	187.5	8.28	204.0	9.65	221.9	10.87	228.5	11.14	237.3	11.41	244.0	11.61
		50.7	173.1	6.54	187.5	7.76	204.0	9.03	221.9	10.17	228.5	10.42	237.3	10.69	244.0	10.92
		63.4	173.1	6.37	187.5	7.58	204.0	8.85	221.9	9.97	228.5	10.22	237.3	10.49	244.0	10.67
		76.1	173.1	6.28	187.5	7.50	204.0	8.76	221.9	9.87	228.5	10.12	237.3	10.39	244.0	10.54
	86	20.3	173.1	8.70	187.5	10.11	204.0	11.77	221.9	13.27	228.5	13.57	237.3	13.92	244.0	14.13
		25.4	173.1	8.53	187.5	9.95	204.0	11.59	221.9	13.05	228.5	13.35	237.3	13.70	244.0	13.92
		50.7	173.1	7.83	187.5	9.30	204.0	10.84	221.9	12.21	228.5	12.51	237.3	12.83	244.0	13.10
		63.4	173.1	7.63	187.5	9.10	204.0	10.62	221.9	11.96	228.5	12.28	237.3	12.58	244.0	12.80
		76.1	173.1	7.53	187.5	9.00	204.0	10.51	221.9	11.84	228.5	12.17	237.3	12.46	244.0	12.66
	95	20.3	155.7	8.80	168.5	10.24	183.7	11.90	199.7	13.42	205.6	13.71	213.6	14.07	219.5	14.32
		25.4	155.7	8.63	168.5	10.07	183.7	11.71	199.7	13.20	205.6	13.50	213.6	13.85	219.5	14.10
		50.7	155.7	7.93	168.5	9.40	183.7	10.96	199.7	12.33	205.6	12.66	213.6	12.98	219.5	13.23
		63.4	155.7	7.71	168.5	9.20	183.7	10.74	199.7	12.08	205.6	12.41	213.6	12.73	219.5	12.95
		76.1	155.7	7.60	168.5	9.10	183.7	10.63	199.7	11.96	205.6	12.28	213.6	12.61	219.5	12.82
	104	20.3	138.4	9.29	149.9	10.79	163.2	12.56	177.3	14.16	182.7	14.48	189.9	14.82	195.2	15.09
		25.4	138.4	9.10	149.9	10.62	163.2	12.36	177.3	13.92	182.7	14.25	189.9	14.59	195.2	14.87
		50.7	138.4	8.35	149.9	9.92	163.2	11.56	177.3	13.00	182.7	13.33	189.9	13.70	195.2	13.97
		63.4	138.4	8.13	149.9	9.70	163.2	11.31	177.3	12.76	182.7	13.08	189.9	13.43	195.2	13.65
		76.1	138.4	8.02	149.9	9.59	163.2	11.19	177.3	12.63	182.7	12.95	189.9	13.29	195.2	13.49
	113	20.3	121.1	9.77	131.2	11.35	142.7	13.22	154.9	14.89	159.7	15.24	166.1	15.57	170.9	15.87
		25.4	121.1	9.57	131.2	11.16	142.7	13.00	154.9	14.64	159.7	14.99	166.1	15.34	170.9	15.64
		50.7	121.1	8.78	131.2	10.44	142.7	12.16	154.9	13.68	159.7	14.00	166.1	14.42	170.9	14.72
		63.4	121.1	8.55	131.2	10.19	142.7	11.88	154.9	13.43	159.7	13.75	166.1	14.12	170.9	14.35
		76.1	121.1	8.44	131.2	10.07	142.7	11.75	154.9	13.30	159.7	13.63	166.1	13.97	170.9	14.16
120	23	13.4	168.7	3.50	182.9	4.05	198.9	4.77	216.5	5.34	223.2	5.50	231.8	5.61	238.2	5.71
	32	15.0	168.7	3.50	182.9	4.05	198.9	4.77	216.5	5.34	223.2	5.50	231.8	5.61	238.2	5.71
	41	17.3	168.7	3.50	182.9	4.05	198.9	4.77	216.5	5.34	223.2	5.50	231.8	5.61	238.2	5.71
	50	20.3	168.7	3.50	182.9	4.05	198.9	4.77	216.5	5.34	223.2	5.50	231.8	5.61	238.2	5.71
		25.4	168.7	3.43	182.9	3.98	198.9	4.68	216.5	5.26	223.2	5.40	231.8	5.52	238.2	5.62
		50.7	168.7	3.14	182.9	3.72	198.9	4.34	216.5	4.92	223.2	5.01	231.8	5.16	238.2	5.23
		63.4	168.7	3.10	182.9	3.65	198.9	4.30	216.5	4.82	223.2	4.92	231.8	5.06	238.2	5.13
		76.1	168.7	3.08	182.9	3.61	198.9	4.28	216.5	4.78	223.2	4.87	231.8	5.01	238.2	5.09
	59	20.3	166.9	4.64	180.8	5.38	196.8	6.30	214.1	7.07	220.5	7.26	229.1	7.43	235.5	7.55
		25.4	166.9	4.55	180.8	5.30	196.8	6.19	214.1	6.96	220.5	7.14	229.1	7.31	235.5	7.43
		50.7	166.9	4.18	180.8	4.95	196.8	5.77	214.1	6.51	220.5	6.66	229.1	6.84	235.5	6.96
		63.4	166.9	4.08	180.8	4.85	196.8	5.67	214.1	6.39	220.5	6.54	229.1	6.71	235.5	6.81
		76.1	166.9	4.03	180.8	4.80	196.8	5.62	214.1	6.33	220.5	6.48	229.1	6.65	235.5	6.74
	67	20.3	165.3	5.66	178.9	6.57	194.9	7.66	212.0	8.62	218.1	8.82	226.7	9.05	233.1	9.19
		25.4	165.3	5.54	178.9	6.46	194.9	7.53	212.0	8.48	218.1	8.68	226.7	8.90	233.1	9.05
		50.7	165.3	5.10	178.9	6.04	194.9	7.04	212.0	7.93	218.1	8.13	226.7	8.33	233.1	8.50
		63.4	165.3	4.95	178.9	5.92	194.9	6.89	212.0	7.78	218.1	7.98	226.7	8.18	233.1	8.30
		76.1	165.3	4.87	178.9	5.86	194.9	6.81	212.0	7.71	218.1	7.91	226.7	8.11	233.1	8.21

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

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COOLING CAPACITY DATA

ARWN192BAS4, ARWB192BAS4

192,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
120	75	20.3	165.3	6.95	178.9	8.06	194.9	9.40	212.0	10.59	218.1	10.84	226.7	11.12	233.1	11.31
		25.4	165.3	6.81	178.9	7.93	194.9	9.25	212.0	10.42	218.1	10.67	226.7	10.94	233.1	11.14
		50.7	165.3	6.27	178.9	7.43	194.9	8.65	212.0	9.75	218.1	9.97	226.7	10.24	233.1	10.44
		63.4	165.3	6.09	178.9	7.26	194.9	8.48	212.0	9.55	218.1	9.80	226.7	10.04	233.1	10.19
		76.1	165.3	6.00	178.9	7.17	194.9	8.39	212.0	9.45	218.1	9.71	226.7	9.95	233.1	10.07
	86	20.3	165.3	8.39	178.9	9.75	194.9	11.37	212.0	12.81	218.1	13.12	226.7	13.44	233.1	13.66
		25.4	165.3	8.23	178.9	9.60	194.9	11.19	212.0	12.61	218.1	12.90	226.7	13.23	233.1	13.45
		50.7	165.3	7.58	178.9	8.98	194.9	10.47	212.0	11.79	218.1	12.06	226.7	12.38	233.1	12.63
		63.4	165.3	7.36	178.9	8.78	194.9	10.24	212.0	11.54	218.1	11.84	226.7	12.16	233.1	12.33
		76.1	165.3	7.25	178.9	8.68	194.9	10.13	212.0	11.41	218.1	11.72	226.7	12.05	233.1	12.18
	95	20.3	151.2	8.60	163.7	10.01	178.4	11.65	193.9	13.11	199.7	13.44	207.5	13.76	213.3	14.02
		25.4	151.2	8.43	163.7	9.85	178.4	11.46	193.9	12.90	199.7	13.23	207.5	13.55	213.3	13.80
		50.7	151.2	7.76	163.7	9.20	178.4	10.72	193.9	12.08	199.7	12.38	207.5	12.71	213.3	12.93
		63.4	151.2	7.56	163.7	9.00	178.4	10.49	193.9	11.84	199.7	12.13	207.5	12.46	213.3	12.63
		76.1	151.2	7.46	163.7	8.90	178.4	10.38	193.9	11.71	199.7	12.01	207.5	12.33	213.3	12.48
	104	20.3	137.3	9.26	148.5	10.77	161.9	12.53	176.0	14.12	181.1	14.45	188.3	14.80	193.6	15.08
		25.4	137.3	9.08	148.5	10.59	161.9	12.33	176.0	13.90	181.1	14.22	188.3	14.57	193.6	14.84
		50.7	137.3	8.35	148.5	9.90	161.9	11.54	176.0	13.00	181.1	13.30	188.3	13.65	193.6	13.92
		63.4	137.3	8.13	148.5	9.70	161.9	11.31	176.0	12.73	181.1	13.05	188.3	13.40	193.6	13.60
		76.1	137.3	8.02	148.5	9.60	161.9	11.20	176.0	12.59	181.1	12.93	188.3	13.28	193.6	13.44
	113	20.3	123.5	9.92	133.3	11.53	145.3	13.42	158.1	15.14	162.4	15.47	169.1	15.84	173.9	16.13
		25.4	123.5	9.72	133.3	11.34	145.3	13.20	158.1	14.89	162.4	15.22	169.1	15.59	173.9	15.89
		50.7	123.5	8.95	133.3	10.59	145.3	12.36	158.1	13.92	162.4	14.22	169.1	14.59	173.9	14.92
		63.4	123.5	8.70	133.3	10.39	145.3	12.13	158.1	13.63	162.4	13.97	169.1	14.35	173.9	14.57
		76.1	123.5	8.58	133.3	10.29	145.3	12.02	158.1	13.48	162.4	13.85	169.1	14.22	173.9	14.40
110	23	13.4	159.3	3.33	172.4	3.85	187.6	4.45	204.1	5.04	210.3	5.12	218.8	5.29	224.4	5.35
	32	15.0	159.3	3.33	172.4	3.85	187.6	4.45	204.1	5.04	210.3	5.12	218.8	5.29	224.4	5.35
	41	17.3	159.3	3.33	172.4	3.85	187.6	4.45	204.1	5.04	210.3	5.12	218.8	5.29	224.4	5.35
	50	20.3	159.3	3.33	172.4	3.85	187.6	4.45	204.1	5.04	210.3	5.12	218.8	5.29	224.4	5.35
		25.4	159.3	3.26	172.4	3.79	187.6	4.38	204.1	4.96	210.3	5.05	218.8	5.20	224.4	5.27
		50.7	159.3	3.00	172.4	3.52	187.6	4.12	204.1	4.65	210.3	4.77	218.8	4.84	224.4	4.93
		63.4	159.3	2.90	172.4	3.45	187.6	4.02	204.1	4.55	210.3	4.65	218.8	4.74	224.4	4.87
		76.1	159.3	2.85	172.4	3.41	187.6	3.98	204.1	4.51	210.3	4.58	218.8	4.69	224.4	4.83
	59	20.3	158.4	4.44	171.5	5.16	186.7	5.99	202.9	6.75	209.1	6.89	217.3	7.07	223.2	7.20
		25.4	158.4	4.35	171.5	5.07	186.7	5.89	202.9	6.64	209.1	6.79	217.3	6.96	223.2	7.09
		50.7	158.4	4.00	171.5	4.72	186.7	5.52	202.9	6.22	209.1	6.37	217.3	6.51	223.2	6.64
		63.4	158.4	3.88	171.5	4.62	186.7	5.40	202.9	6.09	209.1	6.24	217.3	6.39	223.2	6.49
		76.1	158.4	3.82	171.5	4.58	186.7	5.33	202.9	6.03	209.1	6.18	217.3	6.33	223.2	6.42
	67	20.3	157.6	5.43	170.7	6.32	185.9	7.35	201.9	8.26	208.0	8.47	216.0	8.66	222.1	8.84
		25.4	157.6	5.32	170.7	6.22	185.9	7.24	201.9	8.13	208.0	8.33	216.0	8.53	222.1	8.70
		50.7	157.6	4.90	170.7	5.79	185.9	6.76	201.9	7.61	208.0	7.78	216.0	8.01	222.1	8.16
		63.4	157.6	4.75	170.7	5.67	185.9	6.61	201.9	7.46	208.0	7.66	216.0	7.86	222.1	7.93
		76.1	157.6	4.67	170.7	5.61	185.9	6.54	201.9	7.38	208.0	7.60	216.0	7.78	222.1	7.82
	75	20.3	157.6	6.65	170.7	7.73	185.9	9.00	201.9	10.13	208.0	10.36	216.0	10.61	222.1	10.81
		25.4	157.6	6.51	170.7	7.61	185.9	8.85	201.9	9.97	208.0	10.19	216.0	10.44	222.1	10.64
		50.7	157.6	5.99	170.7	7.11	185.9	8.28	201.9	9.32	208.0	9.55	216.0	9.80	222.1	9.97
		63.4	157.6	5.82	170.7	6.96	185.9	8.11	201.9	9.12	208.0	9.37	216.0	9.60	222.1	9.72
		76.1	157.6	5.73	170.7	6.89	185.9	8.02	201.9	9.03	208.0	9.29	216.0	9.50	222.1	9.60
	86	20.3	157.6	8.09	170.7	9.43	185.9	10.97	201.9	12.36	208.0	12.63	216.0	12.96	222.1	13.19
		25.4	157.6	7.93	170.7	9.27	185.9	10.79	201.9	12.16	208.0	12.43	216.0	12.76	222.1	12.98
		50.7	157.6	7.31	170.7	8.65	185.9	10.09	201.9	11.36	208.0	11.64	216.0	11.93	222.1	12.16
		63.4	157.6	7.11	170.7	8.48	185.9	9.87	201.9	11.14	208.0	11.41	216.0	11.71	222.1	11.86
		76.1	157.6	7.01	170.7	8.39	185.9	9.76	201.9	11.03	208.0	11.30	216.0	11.60	222.1	11.71
	95	20.3	146.7	8.42	158.9	9.78	173.1	11.40	188.3	12.84	193.9	13.14	201.3	13.47	206.9	13.72
		25.4	146.7	8.25	158.9	9.62	173.1	11.21	188.3	12.63	193.9	12.93	201.3	13.25	206.9	13.50
		50.7	146.7	7.58	158.9	9.00	173.1	10.49	188.3	11.81	193.9	12.11	201.3	12.41	206.9	12.63
		63.4	146.7	7.38	158.9	8.80	173.1	10.27	188.3	11.59	193.9	11.86	201.3	12.18	206.9	12.33
		76.1	146.7	7.29	158.9	8.70	173.1	10.16	188.3	11.48	193.9	11.74	201.3	12.07	206.9	12.18

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

Due to our policy of continuous product innovation, some specifications may change without notification.
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COOLING CAPACITY DATA

ARWN192BAS4, ARWB192BAS4

192,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
110	104	20.3	136.0	9.26	147.2	10.74	160.5	12.54	174.4	14.10	179.5	14.43	186.7	14.78	191.7	15.05
		25.4	136.0	9.08	147.2	10.57	160.5	12.33	174.4	13.87	179.5	14.20	186.7	14.55	191.7	14.82
		50.7	136.0	8.33	147.2	9.90	160.5	11.51	174.4	12.98	179.5	13.28	186.7	13.63	191.7	13.90
		63.4	136.0	8.11	147.2	9.67	160.5	11.29	174.4	12.73	179.5	13.03	186.7	13.38	191.7	13.55
		76.1	136.0	7.99	147.2	9.56	160.5	11.18	174.4	12.61	179.5	12.90	186.7	13.25	191.7	13.38
	113	20.3	125.3	10.10	135.5	11.69	148.0	13.68	160.5	15.36	165.1	15.72	172.0	16.09	176.5	16.38
		25.4	125.3	9.90	135.5	11.51	148.0	13.45	160.5	15.12	165.1	15.47	172.0	15.84	176.5	16.14
		50.7	125.3	9.08	135.5	10.79	148.0	12.53	160.5	14.15	165.1	14.45	172.0	14.84	176.5	15.17
		63.4	125.3	8.83	135.5	10.54	148.0	12.31	160.5	13.87	165.1	14.20	172.0	14.57	176.5	14.77
		76.1	125.3	8.70	135.5	10.42	148.0	12.20	160.5	13.74	165.1	14.07	172.0	14.43	176.5	14.57
100	23	13.4	149.9	3.10	162.1	3.63	176.5	4.20	192.0	4.70	197.9	4.82	205.3	4.98	211.2	5.09
	32	15.0	149.9	3.10	162.1	3.63	176.5	4.20	192.0	4.70	197.9	4.82	205.3	4.98	211.2	5.09
	41	17.3	149.9	3.10	162.1	3.63	176.5	4.20	192.0	4.70	197.9	4.82	205.3	4.98	211.2	5.09
	50	20.3	149.9	3.10	162.1	3.63	176.5	4.20	192.0	4.70	197.9	4.82	205.3	4.98	211.2	5.09
		25.4	149.9	3.04	162.1	3.56	176.5	4.14	192.0	4.64	197.9	4.76	205.3	4.90	211.2	5.00
		50.7	149.9	2.80	162.1	3.30	176.5	3.88	192.0	4.38	197.9	4.50	205.3	4.59	211.2	4.64
		63.4	149.9	2.75	162.1	3.23	176.5	3.80	192.0	4.25	197.9	4.38	205.3	4.50	211.2	4.57
		76.1	149.9	2.73	162.1	3.19	176.5	3.77	192.0	4.19	197.9	4.31	205.3	4.45	211.2	4.54
	59	20.3	149.9	4.21	162.1	4.91	176.5	5.71	192.0	6.42	197.9	6.57	205.3	6.75	211.2	6.88
		25.4	149.9	4.13	162.1	4.82	176.5	5.62	192.0	6.32	197.9	6.46	205.3	6.64	211.2	6.76
		50.7	149.9	3.80	162.1	4.50	176.5	5.25	192.0	5.92	197.9	6.07	205.3	6.22	211.2	6.32
		63.4	149.9	3.70	162.1	4.40	176.5	5.15	192.0	5.79	197.9	5.94	205.3	6.09	211.2	6.17
		76.1	149.9	3.66	162.1	4.35	176.5	5.10	192.0	5.73	197.9	5.88	205.3	6.03	211.2	6.09
	67	20.3	149.9	5.20	162.1	6.04	176.5	7.06	192.0	7.94	197.9	8.11	205.3	8.31	211.2	8.46
		25.4	149.9	5.10	162.1	5.94	176.5	6.94	192.0	7.81	197.9	7.98	205.3	8.18	211.2	8.33
		50.7	149.9	4.70	162.1	5.57	176.5	6.46	192.0	7.29	197.9	7.46	205.3	7.66	211.2	7.81
		63.4	149.9	4.55	162.1	5.45	176.5	6.34	192.0	7.16	197.9	7.33	205.3	7.51	211.2	7.58
		76.1	149.9	4.48	162.1	5.38	176.5	6.28	192.0	7.10	197.9	7.27	205.3	7.43	211.2	7.47
	75	20.3	149.9	6.34	162.1	7.38	176.5	8.59	192.0	9.68	197.9	9.91	205.3	10.13	211.2	10.34
		25.4	149.9	6.22	162.1	7.26	176.5	8.45	192.0	9.52	197.9	9.75	205.3	9.97	211.2	10.17
		50.7	149.9	5.72	162.1	6.79	176.5	7.91	192.0	8.90	197.9	9.10	205.3	9.35	211.2	9.50
		63.4	149.9	5.57	162.1	6.64	176.5	7.73	192.0	8.73	197.9	8.93	205.3	9.17	211.2	9.25
		76.1	149.9	5.50	162.1	6.56	176.5	7.65	192.0	8.64	197.9	8.84	205.3	9.09	211.2	9.13
	86	20.3	149.9	7.82	162.1	9.08	176.5	10.56	192.0	11.91	197.9	12.19	205.3	12.48	211.2	12.71
		25.4	149.9	7.66	162.1	8.93	176.5	10.39	192.0	11.71	197.9	11.98	205.3	12.28	211.2	12.51
		50.7	149.9	7.04	162.1	8.33	176.5	9.72	192.0	10.94	197.9	11.19	205.3	11.49	211.2	11.69
		63.4	149.9	6.84	162.1	8.16	176.5	9.52	192.0	10.72	197.9	10.99	205.3	11.26	211.2	11.39
		76.1	149.9	6.74	162.1	8.07	176.5	9.42	192.0	10.60	197.9	10.89	205.3	11.15	211.2	11.24
	95	20.3	142.4	8.24	154.1	9.58	167.7	11.15	182.4	12.56	188.0	12.86	195.2	13.16	200.5	13.39
		25.4	142.4	8.08	154.1	9.42	167.7	10.96	182.4	12.36	188.0	12.66	195.2	12.95	200.5	13.18
		50.7	142.4	7.43	154.1	8.80	167.7	10.24	182.4	11.54	188.0	11.84	195.2	12.13	200.5	12.33
		63.4	142.4	7.21	154.1	8.63	167.7	10.04	182.4	11.31	188.0	11.61	195.2	11.91	200.5	12.01
		76.1	142.4	7.10	154.1	8.54	167.7	9.95	182.4	11.20	188.0	11.50	195.2	11.80	200.5	11.85
	104	20.3	134.7	9.23	145.9	10.74	158.9	12.51	172.8	14.08	177.9	14.44	184.8	14.78	190.1	15.03
		25.4	134.7	9.05	145.9	10.57	158.9	12.31	172.8	13.85	177.9	14.20	184.8	14.55	190.1	14.79
		50.7	134.7	8.33	145.9	9.87	158.9	11.51	172.8	12.95	177.9	13.25	184.8	13.60	190.1	13.85
		63.4	134.7	8.11	145.9	9.67	158.9	11.26	172.8	12.71	177.9	13.03	184.8	13.35	190.1	13.48
		76.1	134.7	7.99	145.9	9.57	158.9	11.14	172.8	12.58	177.9	12.92	184.8	13.23	190.1	13.29
	113	20.3	126.9	10.22	137.6	11.91	150.1	13.87	163.2	15.59	167.7	16.01	174.4	16.41	179.7	16.67
		25.4	126.9	10.02	137.6	11.71	150.1	13.65	163.2	15.34	167.7	15.74	174.4	16.14	179.7	16.41
		50.7	126.9	9.22	137.6	10.94	150.1	12.78	163.2	14.37	167.7	14.67	174.4	15.07	179.7	15.37
		63.4	126.9	9.00	137.6	10.72	150.1	12.48	163.2	14.10	167.7	14.45	174.4	14.79	179.7	14.94
		76.1	126.9	8.89	137.6	10.60	150.1	12.33	163.2	13.96	167.7	14.33	174.4	14.66	179.7	14.73
90	23	13.4	134.7	2.68	145.9	3.11	158.9	3.58	172.8	4.08	177.9	4.18	184.8	4.31	190.1	4.38
	32	15.0	134.7	2.68	145.9	3.11	158.9	3.58	172.8	4.08	177.9	4.18	184.8	4.31	190.1	4.38
	41	17.3	134.7	2.68	145.9	3.11	158.9	3.58	172.8	4.08	177.9	4.18	184.8	4.31	190.1	4.38
	50	20.3	134.7	2.68	145.9	3.11	158.9	3.58	172.8	4.08	177.9	4.18	184.8	4.31	190.1	4.38
		25.4	134.7	2.63	145.9	3.06	158.9	3.54	172.8	4.02	177.9	4.11	184.8	4.24	190.1	4.31
		50.7	134.7	2.44	145.9	2.87	158.9	3.35	172.8	3.78	177.9	3.85	184.8	3.95	190.1	4.02
		63.4	134.7	2.34	145.9	2.83	158.9	3.25	172.8	3.68	177.9	3.78	184.8	3.88	190.1	3.90
		76.1	134.7	2.29	145.9	2.80	158.9	3.20	172.8	3.63	177.9	3.74	184.8	3.84	190.1	3.84

TC = Total Capacity (MBh).

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COOLING CAPACITY DATA

ARWN192BAS4, ARWB192BAS4

192,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
90	59	20.3	134.7	3.62	145.9	4.22	158.9	4.90	172.8	5.53	177.9	5.66	184.8	5.81	190.1	5.91
		25.4	134.7	3.56	145.9	4.15	158.9	4.82	172.8	5.45	177.9	5.57	184.8	5.72	190.1	5.82
		50.7	134.7	3.28	145.9	3.88	158.9	4.53	172.8	5.10	177.9	5.22	184.8	5.35	190.1	5.45
		63.4	134.7	3.18	145.9	3.80	158.9	4.43	172.8	5.00	177.9	5.12	184.8	5.25	190.1	5.30
		76.1	134.7	3.13	145.9	3.77	158.9	4.38	172.8	4.95	177.9	5.07	184.8	5.20	190.1	5.22
	67	20.3	134.7	4.46	145.9	5.21	158.9	6.07	172.8	6.83	177.9	6.97	184.8	7.15	190.1	7.27
		25.4	134.7	4.38	145.9	5.12	158.9	5.97	172.8	6.71	177.9	6.86	184.8	7.04	190.1	7.16
		50.7	134.7	4.03	145.9	4.77	158.9	5.57	172.8	6.27	177.9	6.44	184.8	6.59	190.1	6.71
		63.4	134.7	3.93	145.9	4.67	158.9	5.47	172.8	6.17	177.9	6.32	184.8	6.46	190.1	6.54
		76.1	134.7	3.88	145.9	4.62	158.9	5.42	172.8	6.12	177.9	6.25	184.8	6.40	190.1	6.45
	75	20.3	134.7	5.45	145.9	6.34	158.9	7.38	172.8	8.31	177.9	8.52	184.8	8.72	190.1	8.90
		25.4	134.7	5.35	145.9	6.24	158.9	7.26	172.8	8.18	177.9	8.38	184.8	8.58	190.1	8.75
		50.7	134.7	4.92	145.9	5.84	158.9	6.79	172.8	7.66	177.9	7.83	184.8	8.03	190.1	8.18
		63.4	134.7	4.77	145.9	5.72	158.9	6.66	172.8	7.51	177.9	7.68	184.8	7.88	190.1	7.98
		76.1	134.7	4.70	145.9	5.66	158.9	6.60	172.8	7.43	177.9	7.61	184.8	7.81	190.1	7.88
	86	20.3	134.7	6.73	145.9	7.81	158.9	9.10	172.8	10.23	177.9	10.49	184.8	10.74	190.1	10.94
		25.4	134.7	6.59	145.9	7.68	158.9	8.95	172.8	10.07	177.9	10.32	184.8	10.57	190.1	10.77
		50.7	134.7	6.04	145.9	7.19	158.9	8.35	172.8	9.42	177.9	9.65	184.8	9.90	190.1	10.07
		63.4	134.7	5.89	145.9	7.04	158.9	8.18	172.8	9.22	177.9	9.47	184.8	9.70	190.1	9.80
		76.1	134.7	5.82	145.9	6.96	158.9	8.09	172.8	9.13	177.9	9.39	184.8	9.60	190.1	9.66
	95	20.3	130.9	7.26	141.9	8.41	154.7	9.80	168.0	11.04	173.1	11.30	179.7	11.57	184.8	11.80
		25.4	130.9	7.11	141.9	8.28	154.7	9.65	168.0	10.87	173.1	11.11	179.7	11.39	184.8	11.61
		50.7	130.9	6.54	141.9	7.76	154.7	9.03	168.0	10.17	173.1	10.39	179.7	10.67	184.8	10.87
		63.4	130.9	6.34	141.9	7.58	154.7	8.83	168.0	9.97	173.1	10.22	179.7	10.47	184.8	10.57
		76.1	130.9	6.24	141.9	7.50	154.7	8.73	168.0	9.87	173.1	10.13	179.7	10.37	184.8	10.42
	104	20.3	127.2	8.32	137.9	9.68	150.1	11.27	163.2	12.69	168.0	12.99	174.7	13.32	179.5	13.54
		25.4	127.2	8.16	137.9	9.52	150.1	11.09	163.2	12.48	168.0	12.78	174.7	13.10	179.5	13.33
		50.7	127.2	7.51	137.9	8.90	150.1	10.37	163.2	11.66	168.0	11.96	174.7	12.26	179.5	12.48
		63.4	127.2	7.29	137.9	8.70	150.1	10.14	163.2	11.44	168.0	11.74	174.7	12.03	179.5	12.16
		76.1	127.2	7.17	137.9	8.60	150.1	10.03	163.2	11.33	168.0	11.62	174.7	11.92	179.5	12.00
	113	20.3	123.5	9.38	133.9	10.95	145.6	12.74	158.4	14.34	162.9	14.68	169.6	15.06	174.1	15.28
		25.4	123.5	9.20	133.9	10.77	145.6	12.53	158.4	14.10	162.9	14.45	169.6	14.82	174.1	15.04
		50.7	123.5	8.48	133.9	10.04	145.6	11.71	158.4	13.15	162.9	13.53	169.6	13.85	174.1	14.10
		63.4	123.5	8.23	133.9	9.82	145.6	11.46	158.4	12.90	162.9	13.25	169.6	13.60	174.1	13.75
		76.1	123.5	8.11	133.9	9.71	145.6	11.34	158.4	12.78	162.9	13.12	169.6	13.48	174.1	13.58
80	23	13.4	119.7	2.25	129.9	2.59	141.3	3.04	153.6	3.46	158.1	3.50	164.3	3.64	169.1	3.65
	32	15.0	119.7	2.25	129.9	2.59	141.3	3.04	153.6	3.46	158.1	3.50	164.3	3.64	169.1	3.65
	41	17.3	119.7	2.25	129.9	2.59	141.3	3.04	153.6	3.46	158.1	3.50	164.3	3.64	169.1	3.65
	50	20.3	119.7	2.25	129.9	2.59	141.3	3.04	153.6	3.46	158.1	3.50	164.3	3.64	169.1	3.65
		25.4	119.7	2.20	129.9	2.56	141.3	2.99	153.6	3.40	158.1	3.44	164.3	3.57	169.1	3.59
		50.7	119.7	2.01	129.9	2.42	141.3	2.77	153.6	3.16	158.1	3.23	164.3	3.30	169.1	3.35
		63.4	119.7	1.96	129.9	2.34	141.3	2.73	153.6	3.06	158.1	3.13	164.3	3.25	169.1	3.30
		76.1	119.7	1.94	129.9	2.31	141.3	2.70	153.6	3.01	158.1	3.08	164.3	3.23	169.1	3.28
	59	20.3	119.7	3.05	129.9	3.54	141.3	4.12	153.6	4.65	158.1	4.75	164.3	4.88	169.1	4.95
		25.4	119.7	2.98	129.9	3.48	141.3	4.05	153.6	4.57	158.1	4.67	164.3	4.80	169.1	4.87
		50.7	119.7	2.74	129.9	3.26	141.3	3.78	153.6	4.28	158.1	4.38	164.3	4.48	169.1	4.55
		63.4	119.7	2.66	129.9	3.18	141.3	3.70	153.6	4.18	158.1	4.28	164.3	4.40	169.1	4.45
		76.1	119.7	2.62	129.9	3.15	141.3	3.67	153.6	4.13	158.1	4.23	164.3	4.36	169.1	4.40
	67	20.3	119.7	3.76	129.9	4.38	141.3	5.08	153.6	5.71	158.1	5.86	164.3	5.99	169.1	6.12
		25.4	119.7	3.68	129.9	4.30	141.3	5.00	153.6	5.62	158.1	5.77	164.3	5.89	169.1	6.02
		50.7	119.7	3.38	129.9	4.00	141.3	4.67	153.6	5.27	158.1	5.40	164.3	5.52	169.1	5.62
		63.4	119.7	3.28	129.9	3.93	141.3	4.57	153.6	5.17	158.1	5.30	164.3	5.42	169.1	5.47
		76.1	119.7	3.23	129.9	3.89	141.3	4.53	153.6	5.12	158.1	5.25	164.3	5.37	169.1	5.40
	75	20.3	119.7	4.56	129.9	5.30	141.3	6.19	153.6	6.98	158.1	7.16	164.3	7.33	169.1	7.45
		25.4	119.7	4.48	129.9	5.22	141.3	6.09	153.6	6.86	158.1	7.04	164.3	7.21	169.1	7.33
		50.7	119.7	4.13	129.9	4.90	141.3	5.69	153.6	6.41	158.1	6.56	164.3	6.74	169.1	6.86
		63.4	119.7	4.00	129.9	4.80	141.3	5.59	153.6	6.29	158.1	6.44	164.3	6.61	169.1	6.69
		76.1	119.7	3.94	129.9	4.75	141.3	5.54	153.6	6.23	158.1	6.38	164.3	6.55	169.1	6.60

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

Due to our policy of continuous product innovation, some specifications may change without notification.
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MULTI V WATER IV

COOLING CAPACITY DATA

ARWN192BAS4, ARWB192BAS4

192,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
80	86	20.3	119.7	5.63	129.9	6.55	141.3	7.63	153.6	8.60	158.1	8.80	164.3	9.00	169.1	9.18
		25.4	119.7	5.52	129.9	6.44	141.3	7.51	153.6	8.45	158.1	8.65	164.3	8.85	169.1	9.03
		50.7	119.7	5.07	129.9	6.02	141.3	7.01	153.6	7.88	158.1	8.08	164.3	8.28	169.1	8.43
		63.4	119.7	4.92	129.9	5.89	141.3	6.86	153.6	7.73	158.1	7.93	164.3	8.13	169.1	8.21
		76.1	119.7	4.85	129.9	5.83	141.3	6.79	153.6	7.66	158.1	7.86	164.3	8.06	169.1	8.09
	95	20.3	119.7	6.27	129.9	7.28	141.3	8.47	153.6	9.52	158.1	9.75	164.3	10.01	169.1	10.18
		25.4	119.7	6.14	129.9	7.16	141.3	8.33	153.6	9.37	158.1	9.60	164.3	9.85	169.1	10.02
		50.7	119.7	5.64	129.9	6.69	141.3	7.78	153.6	8.78	158.1	8.98	164.3	9.20	169.1	9.37
		63.4	119.7	5.49	129.9	6.54	141.3	7.63	153.6	8.60	158.1	8.80	164.3	9.05	169.1	9.12
		76.1	119.7	5.42	129.9	6.46	141.3	7.56	153.6	8.52	158.1	8.72	164.3	8.98	169.1	9.00
	104	20.3	119.7	7.40	129.9	8.62	141.3	10.03	153.6	11.30	158.1	11.54	164.3	11.85	169.1	12.05
		25.4	119.7	7.26	129.9	8.48	141.3	9.87	153.6	11.11	158.1	11.36	164.3	11.66	169.1	11.86
		50.7	119.7	6.69	129.9	7.91	141.3	9.22	153.6	10.39	158.1	10.64	164.3	10.92	169.1	11.11
		63.4	119.7	6.49	129.9	7.76	141.3	9.03	153.6	10.19	158.1	10.44	164.3	10.69	169.1	10.82
		76.1	119.7	6.39	129.9	7.68	141.3	8.93	153.6	10.10	158.1	10.34	164.3	10.58	169.1	10.67
	113	20.3	119.7	8.54	129.9	9.97	141.3	11.60	153.6	13.07	158.1	13.34	164.3	13.69	169.1	13.91
		25.4	119.7	8.38	129.9	9.80	141.3	11.41	153.6	12.85	158.1	13.13	164.3	13.48	169.1	13.70
		50.7	119.7	7.73	129.9	9.12	141.3	10.67	153.6	12.01	158.1	12.31	164.3	12.63	169.1	12.85
		63.4	119.7	7.48	129.9	8.98	141.3	10.42	153.6	11.79	158.1	12.08	164.3	12.33	169.1	12.51
		76.1	119.7	7.36	129.9	8.90	141.3	10.29	153.6	11.67	158.1	11.97	164.3	12.18	169.1	12.33
70	23	13.4	104.8	1.88	113.6	2.16	123.7	2.56	134.4	2.87	138.4	2.89	143.7	2.99	147.7	3.03
	32	15.0	104.8	1.88	113.6	2.16	123.7	2.56	134.4	2.87	138.4	2.89	143.7	2.99	147.7	3.03
	41	17.3	104.8	1.88	113.6	2.16	123.7	2.56	134.4	2.87	138.4	2.89	143.7	2.99	147.7	3.03
	50	20.3	104.8	1.88	113.6	2.16	123.7	2.56	134.4	2.87	138.4	2.89	143.7	2.99	147.7	3.03
		25.4	104.8	1.84	113.6	2.13	123.7	2.51	134.4	2.83	138.4	2.84	143.7	2.94	147.7	2.99
		50.7	104.8	1.70	113.6	2.01	123.7	2.35	134.4	2.63	138.4	2.68	143.7	2.75	147.7	2.83
		63.4	104.8	1.63	113.6	1.94	123.7	2.27	134.4	2.56	138.4	2.60	143.7	2.70	147.7	2.75
		76.1	104.8	1.59	113.6	1.90	123.7	2.23	134.4	2.52	138.4	2.57	143.7	2.68	147.7	2.72
	59	20.3	104.8	2.54	113.6	2.93	123.7	3.44	134.4	3.87	138.4	3.94	143.7	4.04	147.7	4.12
		25.4	104.8	2.49	113.6	2.88	123.7	3.38	134.4	3.80	138.4	3.88	143.7	3.98	147.7	4.05
		50.7	104.8	2.29	113.6	2.71	123.7	3.16	134.4	3.56	138.4	3.63	143.7	3.73	147.7	3.80
		63.4	104.8	2.21	113.6	2.64	123.7	3.08	134.4	3.48	138.4	3.56	143.7	3.65	147.7	3.70
		76.1	104.8	2.18	113.6	2.60	123.7	3.05	134.4	3.44	138.4	3.52	143.7	3.62	147.7	3.66
	67	20.3	104.8	3.12	113.6	3.61	123.7	4.22	134.4	4.75	138.4	4.88	143.7	4.97	147.7	5.08
		25.4	104.8	3.06	113.6	3.56	123.7	4.15	134.4	4.67	138.4	4.80	143.7	4.90	147.7	5.00
		50.7	104.8	2.81	113.6	3.33	123.7	3.88	134.4	4.38	138.4	4.48	143.7	4.60	147.7	4.67
		63.4	104.8	2.74	113.6	3.26	123.7	3.80	134.4	4.30	138.4	4.40	143.7	4.50	147.7	4.55
		76.1	104.8	2.70	113.6	3.22	123.7	3.77	134.4	4.26	138.4	4.36	143.7	4.45	147.7	4.49
	75	20.3	104.8	3.80	113.6	4.42	123.7	5.15	134.4	5.81	138.4	5.94	143.7	6.09	147.7	6.19
		25.4	104.8	3.73	113.6	4.35	123.7	5.07	134.4	5.72	138.4	5.84	143.7	5.99	147.7	6.09
		50.7	104.8	3.43	113.6	4.08	123.7	4.75	134.4	5.35	138.4	5.47	143.7	5.59	147.7	5.69
		63.4	104.8	3.33	113.6	3.98	123.7	4.65	134.4	5.22	138.4	5.37	143.7	5.49	147.7	5.54
		76.1	104.8	3.28	113.6	3.93	123.7	4.60	134.4	5.16	138.4	5.32	143.7	5.45	147.7	5.47
	86	20.3	104.8	4.69	113.6	5.43	123.7	6.35	134.4	7.12	138.4	7.30	143.7	7.48	147.7	7.60
		25.4	104.8	4.60	113.6	5.35	123.7	6.24	134.4	7.01	138.4	7.19	143.7	7.36	147.7	7.48
		50.7	104.8	4.23	113.6	5.00	123.7	5.82	134.4	6.56	138.4	6.71	143.7	6.89	147.7	7.01
		63.4	104.8	4.10	113.6	4.90	123.7	5.72	134.4	6.44	138.4	6.59	143.7	6.76	147.7	6.84
		76.1	104.8	4.04	113.6	4.85	123.7	5.67	134.4	6.38	138.4	6.53	143.7	6.70	147.7	6.75
	95	20.3	104.8	5.20	113.6	6.04	123.7	7.06	134.4	7.94	138.4	8.11	143.7	8.31	147.7	8.46
		25.4	104.8	5.10	113.6	5.94	123.7	6.94	134.4	7.81	138.4	7.98	143.7	8.18	147.7	8.33
		50.7	104.8	4.70	113.6	5.57	123.7	6.46	134.4	7.29	138.4	7.46	143.7	7.66	147.7	7.81
		63.4	104.8	4.55	113.6	5.45	123.7	6.34	134.4	7.16	138.4	7.33	143.7	7.51	147.7	7.58
		76.1	104.8	4.48	113.6	5.38	123.7	6.28	134.4	7.10	138.4	7.27	143.7	7.43	147.7	7.47
	104	20.3	104.8	6.17	113.6	7.15	123.7	8.34	134.4	9.38	138.4	9.60	143.7	9.85	147.7	10.03
		25.4	104.8	6.04	113.6	7.04	123.7	8.21	134.4	9.22	138.4	9.45	143.7	9.70	147.7	9.87
		50.7	104.8	5.54	113.6	6.59	123.7	7.66	134.4	8.63	138.4	8.85	143.7	9.08	147.7	9.22
		63.4	104.8	5.40	113.6	6.44	123.7	7.51	134.4	8.48	138.4	8.68	143.7	8.90	147.7	9.00
		76.1	104.8	5.32	113.6	6.37	123.7	7.43	134.4	8.40	138.4	8.59	143.7	8.81	147.7	8.89

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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COOLING CAPACITY DATA

ARWN192BAS4, ARWB192BAS4

192,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
70	113	20.3	104.8	7.14	113.6	8.26	123.7	9.63	134.4	10.81	138.4	11.08	143.7	11.40	147.7	11.61
		25.4	104.8	6.99	113.6	8.13	123.7	9.47	134.4	10.64	138.4	10.92	143.7	11.21	147.7	11.41
		50.7	104.8	6.39	113.6	7.61	123.7	8.85	134.4	9.97	138.4	10.24	143.7	10.49	147.7	10.64
		63.4	104.8	6.24	113.6	7.43	123.7	8.68	134.4	9.80	138.4	10.02	143.7	10.29	147.7	10.42
		76.1	104.8	6.17	113.6	7.35	123.7	8.59	134.4	9.71	138.4	9.91	143.7	10.19	147.7	10.31
60	23	13.4	89.9	1.52	97.3	1.76	105.9	2.02	115.2	2.29	118.7	2.35	123.2	2.42	126.7	2.43
	32	15.0	89.9	1.52	97.3	1.76	105.9	2.02	115.2	2.29	118.7	2.35	123.2	2.42	126.7	2.43
	41	17.3	89.9	1.52	97.3	1.76	105.9	2.02	115.2	2.29	118.7	2.35	123.2	2.42	126.7	2.43
	50	20.3	89.9	1.52	97.3	1.76	105.9	2.02	115.2	2.29	118.7	2.35	123.2	2.42	126.7	2.43
		25.4	89.9	1.49	97.3	1.72	105.9	1.99	115.2	2.25	118.7	2.30	123.2	2.37	126.7	2.39
		50.7	89.9	1.34	97.3	1.60	105.9	1.84	115.2	2.11	118.7	2.10	123.2	2.18	126.7	2.25
		63.4	89.9	1.29	97.3	1.55	105.9	1.82	115.2	2.06	118.7	2.08	123.2	2.13	126.7	2.15
		76.1	89.9	1.27	97.3	1.53	105.9	1.81	115.2	2.03	118.7	2.07	123.2	2.10	126.7	2.10
	59	20.3	89.9	2.03	97.3	2.35	105.9	2.73	115.2	3.08	118.7	3.16	123.2	3.24	126.7	3.28
		25.4	89.9	1.99	97.3	2.31	105.9	2.69	115.2	3.03	118.7	3.11	123.2	3.18	126.7	3.23
		50.7	89.9	1.82	97.3	2.16	105.9	2.51	115.2	2.83	118.7	2.88	123.2	2.96	126.7	3.03
		63.4	89.9	1.77	97.3	2.11	105.9	2.46	115.2	2.78	118.7	2.83	123.2	2.91	126.7	2.93
		76.1	89.9	1.74	97.3	2.09	105.9	2.44	115.2	2.76	118.7	2.81	123.2	2.88	126.7	2.88
	67	20.3	89.9	2.49	97.3	2.88	105.9	3.36	115.2	3.79	118.7	3.89	123.2	3.97	126.7	4.04
		25.4	89.9	2.44	97.3	2.83	105.9	3.31	115.2	3.73	118.7	3.83	123.2	3.90	126.7	3.98
		50.7	89.9	2.24	97.3	2.66	105.9	3.11	115.2	3.48	118.7	3.58	123.2	3.65	126.7	3.73
		63.4	89.9	2.19	97.3	2.61	105.9	3.03	115.2	3.43	118.7	3.51	123.2	3.61	126.7	3.63
		76.1	89.9	2.16	97.3	2.59	105.9	3.00	115.2	3.41	118.7	3.47	123.2	3.58	126.7	3.58
	75	20.3	89.9	3.05	97.3	3.51	105.9	4.09	115.2	4.63	118.7	4.72	123.2	4.85	126.7	4.92
		25.4	89.9	2.98	97.3	3.46	105.9	4.03	115.2	4.55	118.7	4.65	123.2	4.77	126.7	4.85
		50.7	89.9	2.74	97.3	3.23	105.9	3.78	115.2	4.25	118.7	4.35	123.2	4.48	126.7	4.55
		63.4	89.9	2.66	97.3	3.18	105.9	3.70	115.2	4.18	118.7	4.28	123.2	4.38	126.7	4.43
		76.1	89.9	2.62	97.3	3.16	105.9	3.67	115.2	4.14	118.7	4.24	123.2	4.33	126.7	4.36
	86	20.3	89.9	3.73	97.3	4.35	105.9	5.05	115.2	5.69	118.7	5.81	123.2	5.96	126.7	6.06
		25.4	89.9	3.65	97.3	4.28	105.9	4.97	115.2	5.59	118.7	5.72	123.2	5.87	126.7	5.97
		50.7	89.9	3.36	97.3	3.98	105.9	4.65	115.2	5.22	118.7	5.35	123.2	5.49	126.7	5.59
		63.4	89.9	3.28	97.3	3.90	105.9	4.55	115.2	5.12	118.7	5.25	123.2	5.40	126.7	5.45
		76.1	89.9	3.24	97.3	3.87	105.9	4.50	115.2	5.07	118.7	5.20	123.2	5.35	126.7	5.37
	95	20.3	89.9	4.13	97.3	4.83	105.9	5.61	115.2	6.32	118.7	6.47	123.2	6.61	126.7	6.75
		25.4	89.9	4.05	97.3	4.75	105.9	5.52	115.2	6.22	118.7	6.37	123.2	6.51	126.7	6.64
		50.7	89.9	3.73	97.3	4.43	105.9	5.17	115.2	5.82	118.7	5.94	123.2	6.12	126.7	6.22
		63.4	89.9	3.63	97.3	4.33	105.9	5.05	115.2	5.69	118.7	5.84	123.2	5.99	126.7	6.04
		76.1	89.9	3.58	97.3	4.28	105.9	4.99	115.2	5.63	118.7	5.79	123.2	5.93	126.7	5.96
	104	20.3	89.9	4.92	97.3	5.71	105.9	6.65	115.2	7.48	118.7	7.66	123.2	7.86	126.7	7.98
		25.4	89.9	4.82	97.3	5.62	105.9	6.54	115.2	7.36	118.7	7.53	123.2	7.73	126.7	7.86
		50.7	89.9	4.43	97.3	5.25	105.9	6.12	115.2	6.89	118.7	7.04	123.2	7.24	126.7	7.36
		63.4	89.9	4.30	97.3	5.15	105.9	5.99	115.2	6.74	118.7	6.91	123.2	7.09	126.7	7.16
		76.1	89.9	4.24	97.3	5.10	105.9	5.93	115.2	6.66	118.7	6.85	123.2	7.01	126.7	7.06
	113	20.3	89.9	5.71	97.3	6.60	105.9	7.68	115.2	8.64	118.7	8.85	123.2	9.10	126.7	9.22
		25.4	89.9	5.59	97.3	6.49	105.9	7.56	115.2	8.50	118.7	8.70	123.2	8.95	126.7	9.08
		50.7	89.9	5.12	97.3	6.07	105.9	7.06	115.2	7.96	118.7	8.13	123.2	8.35	126.7	8.50
		63.4	89.9	4.97	97.3	5.97	105.9	6.94	115.2	7.78	118.7	7.98	123.2	8.18	126.7	8.28
		76.1	89.9	4.90	97.3	5.92	105.9	6.88	115.2	7.70	118.7	7.91	123.2	8.09	126.7	8.17
50	23	13.4	74.9	1.09	81.1	1.29	88.3	1.55	96.0	1.71	98.9	1.72	102.7	1.78	105.6	1.83
	32	15.0	74.9	1.09	81.1	1.29	88.3	1.55	96.0	1.71	98.9	1.72	102.7	1.78	105.6	1.83
	41	17.3	74.9	1.09	81.1	1.29	88.3	1.55	96.0	1.71	98.9	1.72	102.7	1.78	105.6	1.83
	50	20.3	74.9	1.09	81.1	1.29	88.3	1.55	96.0	1.71	98.9	1.72	102.7	1.78	105.6	1.83
		25.4	74.9	1.08	81.1	1.27	88.3	1.51	96.0	1.68	98.9	1.70	102.7	1.75	105.6	1.80
		50.7	74.9	1.03	81.1	1.20	88.3	1.36	96.0	1.55	98.9	1.60	102.7	1.63	105.6	1.68
		63.4	74.9	0.98	81.1	1.15	88.3	1.36	96.0	1.50	98.9	1.55	102.7	1.58	105.6	1.60
		76.1	74.9	0.96	81.1	1.12	88.3	1.37	96.0	1.48	98.9	1.53	102.7	1.55	105.6	1.56
	59	20.3	74.9	1.49	81.1	1.74	88.3	2.05	96.0	2.30	98.9	2.35	102.7	2.40	105.6	2.45
		25.4	74.9	1.47	81.1	1.72	88.3	2.01	96.0	2.26	98.9	2.31	102.7	2.36	105.6	2.41
		50.7	74.9	1.37	81.1	1.62	88.3	1.86	96.0	2.11	98.9	2.16	102.7	2.21	105.6	2.26
		63.4	74.9	1.32	81.1	1.57	88.3	1.84	96.0	2.06	98.9	2.11	102.7	2.16	105.6	2.19
		76.1	74.9	1.29	81.1	1.54	88.3	1.83	96.0	2.04	98.9	2.09	102.7	2.14	105.6	2.15

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

Due to our policy of continuous product innovation, some specifications may change without notification.
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COOLING CAPACITY DATA

ARWN192BAS4, ARWB192BAS4

192,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
50	67	20.3	74.9	1.85	81.1	2.14	88.3	2.50	96.0	2.83	98.9	2.91	102.7	2.95	105.6	3.00
		25.4	74.9	1.82	81.1	2.11	88.3	2.46	96.0	2.78	98.9	2.86	102.7	2.91	105.6	2.96
		50.7	74.9	1.67	81.1	1.99	88.3	2.31	96.0	2.61	98.9	2.66	102.7	2.74	105.6	2.78
		63.4	74.9	1.62	81.1	1.94	88.3	2.26	96.0	2.56	98.9	2.61	102.7	2.69	105.6	2.71
		76.1	74.9	1.59	81.1	1.91	88.3	2.24	96.0	2.54	98.9	2.59	102.7	2.66	105.6	2.67
	75	20.3	74.9	2.26	81.1	2.63	88.3	3.06	96.0	3.43	98.9	3.54	102.7	3.61	105.6	3.69
		25.4	74.9	2.21	81.1	2.59	88.3	3.01	96.0	3.38	98.9	3.48	102.7	3.56	105.6	3.63
		50.7	74.9	2.04	81.1	2.41	88.3	2.81	96.0	3.18	98.9	3.26	102.7	3.33	105.6	3.38
		63.4	74.9	1.99	81.1	2.36	88.3	2.76	96.0	3.11	98.9	3.18	102.7	3.26	105.6	3.31
		76.1	74.9	1.96	81.1	2.34	88.3	2.74	96.0	3.07	98.9	3.15	102.7	3.22	105.6	3.27
	86	20.3	74.9	2.79	81.1	3.23	88.3	3.77	96.0	4.25	98.9	4.35	102.7	4.45	105.6	4.52
		25.4	74.9	2.74	81.1	3.18	88.3	3.70	96.0	4.18	98.9	4.28	102.7	4.38	105.6	4.45
		50.7	74.9	2.51	81.1	2.98	88.3	3.46	96.0	3.90	98.9	4.00	102.7	4.10	105.6	4.18
		63.4	74.9	2.44	81.1	2.91	88.3	3.38	96.0	3.83	98.9	3.93	102.7	4.03	105.6	4.05
		76.1	74.9	2.40	81.1	2.87	88.3	3.34	96.0	3.79	98.9	3.89	102.7	3.99	105.6	3.99
	95	20.3	74.9	3.10	81.1	3.59	88.3	4.20	96.0	4.70	98.9	4.83	102.7	4.95	105.6	5.03
		25.4	74.9	3.03	81.1	3.53	88.3	4.13	96.0	4.62	98.9	4.75	102.7	4.87	105.6	4.95
		50.7	74.9	2.78	81.1	3.31	88.3	3.85	96.0	4.33	98.9	4.43	102.7	4.55	105.6	4.62
		63.4	74.9	2.71	81.1	3.23	88.3	3.78	96.0	4.25	98.9	4.35	102.7	4.48	105.6	4.50
		76.1	74.9	2.67	81.1	3.20	88.3	3.74	96.0	4.21	98.9	4.31	102.7	4.44	105.6	4.44
	104	20.3	74.9	3.65	81.1	4.25	88.3	4.95	96.0	5.59	98.9	5.71	102.7	5.86	105.6	5.96
		25.4	74.9	3.58	81.1	4.18	88.3	4.87	96.0	5.49	98.9	5.62	102.7	5.77	105.6	5.87
		50.7	74.9	3.31	81.1	3.90	88.3	4.55	96.0	5.12	98.9	5.25	102.7	5.40	105.6	5.49
		63.4	74.9	3.21	81.1	3.83	88.3	4.48	96.0	5.02	98.9	5.15	102.7	5.30	105.6	5.35
		76.1	74.9	3.16	81.1	3.79	88.3	4.44	96.0	4.97	98.9	5.10	102.7	5.25	105.6	5.27
	113	20.3	74.9	4.20	81.1	4.91	88.3	5.71	96.0	6.48	98.9	6.60	102.7	6.77	105.6	6.89
		25.4	74.9	4.13	81.1	4.82	88.3	5.62	96.0	6.37	98.9	6.49	102.7	6.66	105.6	6.79
		50.7	74.9	3.83	81.1	4.50	88.3	5.25	96.0	5.92	98.9	6.07	102.7	6.24	105.6	6.37
		63.4	74.9	3.70	81.1	4.43	88.3	5.17	96.0	5.79	98.9	5.94	102.7	6.12	105.6	6.19
		76.1	74.9	3.64	81.1	4.39	88.3	5.13	96.0	5.73	98.9	5.88	102.7	6.05	105.6	6.10

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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COOLING CAPACITY DATA

ARWN240BAS4, ARWB240BAS4
240,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]
130	23	16.1	222.7	4.7	241.4	5.5	263.5	6.4	285.8	7.3	294.2	7.5	305.9	7.6	314.2	7.7
	32	18.1	222.7	4.7	241.4	5.5	263.5	6.4	285.8	7.3	294.2	7.5	305.9	7.6	314.2	7.7
	41	20.7	222.7	4.7	241.4	5.5	263.5	6.4	285.8	7.3	294.2	7.5	305.9	7.6	314.2	7.7
	50	24.4	222.7	4.7	241.4	5.5	263.5	6.4	285.8	7.3	294.2	7.5	305.9	7.6	314.2	7.7
		30.4	222.7	4.6	241.4	5.4	263.5	6.3	285.8	7.1	294.2	7.3	305.9	7.5	314.2	7.6
		60.8	222.7	4.3	241.4	5.1	263.5	5.9	285.8	6.7	294.2	6.8	305.9	7.0	314.2	7.2
		76.0	222.7	4.2	241.4	5.0	263.5	5.8	285.8	6.5	294.2	6.7	305.9	6.9	314.2	7.0
		91.2	222.7	4.1	241.4	4.9	263.5	5.7	285.8	6.4	294.2	6.7	305.9	6.8	314.2	6.9
	59	24.4	219.3	6.2	237.7	7.2	259.0	8.4	281.3	9.5	289.7	9.7	301.0	10.0	309.3	10.1
		30.4	219.3	6.1	237.7	7.1	259.0	8.3	281.3	9.4	289.7	9.6	301.0	9.8	309.3	10.0
		60.8	219.3	5.6	237.7	6.7	259.0	7.8	281.3	8.8	289.7	8.9	301.0	9.2	309.3	9.4
		76.0	219.3	5.5	237.7	6.5	259.0	7.6	281.3	8.6	289.7	8.8	301.0	9.0	309.3	9.2
		91.2	219.3	5.4	237.7	6.4	259.0	7.5	281.3	8.5	289.7	8.7	301.0	8.9	309.3	9.1
	67	24.4	216.3	7.6	234.3	8.8	255.0	10.2	277.3	11.5	285.7	11.8	296.7	12.1	305.0	12.3
		30.4	216.3	7.4	234.3	8.6	255.0	10.1	277.3	11.3	285.7	11.6	296.7	11.9	305.0	12.1
		60.8	216.3	6.8	234.3	8.1	255.0	9.4	277.3	10.6	285.7	10.9	296.7	11.2	305.0	11.4
		76.0	216.3	6.6	234.3	7.9	255.0	9.2	277.3	10.4	285.7	10.6	296.7	10.9	305.0	11.1
		91.2	216.3	6.5	234.3	7.8	255.0	9.1	277.3	10.3	285.7	10.5	296.7	10.8	305.0	11.0
	75	24.4	216.3	9.3	234.3	10.8	255.0	12.6	277.3	14.2	285.7	14.5	296.7	14.9	305.0	15.1
		30.4	216.3	9.1	234.3	10.6	255.0	12.4	277.3	14.0	285.7	14.3	296.7	14.7	305.0	14.9
		60.8	216.3	8.4	234.3	10.0	255.0	11.6	277.3	13.1	285.7	13.4	296.7	13.7	305.0	14.0
		76.0	216.3	8.2	234.3	9.7	255.0	11.4	277.3	12.8	285.7	13.1	296.7	13.5	305.0	13.7
		91.2	216.3	8.1	234.3	9.6	255.0	11.3	277.3	12.7	285.7	13.0	296.7	13.4	305.0	13.5
	86	24.4	216.3	11.2	234.3	13.0	255.0	15.1	277.3	17.1	285.7	17.4	296.7	17.9	305.0	18.2
		30.4	216.3	11.0	234.3	12.8	255.0	14.9	277.3	16.8	285.7	17.2	296.7	17.6	305.0	17.9
		60.8	216.3	10.1	234.3	12.0	255.0	13.9	277.3	15.7	285.7	16.1	296.7	16.5	305.0	16.8
		76.0	216.3	9.8	234.3	11.7	255.0	13.6	277.3	15.4	285.7	15.8	296.7	16.2	305.0	16.5
		91.2	216.3	9.7	234.3	11.6	255.0	13.5	277.3	15.2	285.7	15.6	296.7	16.0	305.0	16.3
	95	24.4	194.7	11.3	210.7	13.2	229.7	15.3	249.7	17.3	257.0	17.6	267.0	18.1	274.3	18.4
		30.4	194.7	11.1	210.7	12.9	229.7	15.1	249.7	17.0	257.0	17.4	267.0	17.8	274.3	18.1
		60.8	194.7	10.2	210.7	12.1	229.7	14.1	249.7	15.8	257.0	16.3	267.0	16.7	274.3	17.0
		76.0	194.7	9.9	210.7	11.8	229.7	13.8	249.7	15.5	257.0	15.9	267.0	16.4	274.3	16.6
		91.2	194.7	9.8	210.7	11.7	229.7	13.7	249.7	15.4	257.0	15.8	267.0	16.2	274.3	16.5
	104	24.4	173.0	11.9	187.3	13.9	204.0	16.1	221.7	18.2	228.3	18.6	237.3	19.0	244.0	19.4
		30.4	173.0	11.7	187.3	13.6	204.0	15.9	221.7	17.9	228.3	18.3	237.3	18.8	244.0	19.1
		60.8	173.0	10.7	187.3	12.7	204.0	14.9	221.7	16.7	228.3	17.1	237.3	17.6	244.0	18.0
		76.0	173.0	10.4	187.3	12.5	204.0	14.5	221.7	16.4	228.3	16.8	237.3	17.3	244.0	17.5
		91.2	173.0	10.3	187.3	12.3	204.0	14.4	221.7	16.2	228.3	16.6	237.3	17.1	244.0	17.3
	113	24.4	151.3	12.6	164.0	14.6	178.3	17.0	193.7	19.1	199.7	19.6	207.7	20.0	213.7	20.4
		30.4	151.3	12.3	164.0	14.3	178.3	16.7	193.7	18.8	199.7	19.3	207.7	19.7	213.7	20.1
		60.8	151.3	11.3	164.0	13.4	178.3	15.6	193.7	17.6	199.7	18.0	207.7	18.5	213.7	18.9
		76.0	151.3	11.0	164.0	13.1	178.3	15.3	193.7	17.3	199.7	17.7	207.7	18.2	213.7	18.4
		91.2	151.3	10.8	164.0	12.9	178.3	15.1	193.7	17.1	199.7	17.5	207.7	18.0	213.7	18.2

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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COOLING CAPACITY DATA

ARWN240BAS4, ARWB240BAS4
240,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet water Temp. (°F)	Water flow rate [gpm]	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]
120	23	16.1	210.9	4.5	228.6	5.2	248.6	6.1	270.7	6.9	279.0	7.1	289.7	7.2	297.7	7.3
	32	18.1	210.9	4.5	228.6	5.2	248.6	6.1	270.7	6.9	279.0	7.1	289.7	7.2	297.7	7.3
	41	20.7	210.9	4.5	228.6	5.2	248.6	6.1	270.7	6.9	279.0	7.1	289.7	7.2	297.7	7.3
	50	24.4	210.9	4.5	228.6	5.2	248.6	6.1	270.7	6.9	279.0	7.1	289.7	7.2	297.7	7.3
		30.4	210.9	4.4	228.6	5.1	248.6	6.0	270.7	6.8	279.0	6.9	289.7	7.1	297.7	7.2
		60.8	210.9	4.0	228.6	4.8	248.6	5.6	270.7	6.3	279.0	6.4	289.7	6.6	297.7	6.7
		76.0	210.9	4.0	228.6	4.7	248.6	5.5	270.7	6.2	279.0	6.3	289.7	6.5	297.7	6.6
		91.2	210.9	4.0	228.6	4.6	248.6	5.5	270.7	6.1	279.0	6.3	289.7	6.4	297.7	6.5
	59	24.4	208.7	6.0	226.0	6.9	246.0	8.1	267.7	9.1	275.7	9.3	286.3	9.5	294.3	9.7
		30.4	208.7	5.8	226.0	6.8	246.0	8.0	267.7	8.9	275.7	9.2	286.3	9.4	294.3	9.6
		60.8	208.7	5.4	226.0	6.4	246.0	7.4	267.7	8.4	275.7	8.6	286.3	8.8	294.3	8.9
		76.0	208.7	5.2	226.0	6.2	246.0	7.3	267.7	8.2	275.7	8.4	286.3	8.6	294.3	8.8
		91.2	208.7	5.2	226.0	6.2	246.0	7.2	267.7	8.1	275.7	8.3	286.3	8.5	294.3	8.7
	67	24.4	206.7	7.3	223.7	8.4	243.7	9.8	265.0	11.1	272.7	11.3	283.3	11.6	291.3	11.8
		30.4	206.7	7.1	223.7	8.3	243.7	9.7	265.0	10.9	272.7	11.2	283.3	11.4	291.3	11.6
		60.8	206.7	6.6	223.7	7.8	243.7	9.0	265.0	10.2	272.7	10.4	283.3	10.7	291.3	10.9
		76.0	206.7	6.4	223.7	7.6	243.7	8.9	265.0	10.0	272.7	10.3	283.3	10.5	291.3	10.7
		91.2	206.7	6.3	223.7	7.5	243.7	8.8	265.0	9.9	272.7	10.2	283.3	10.4	291.3	10.5
	75	24.4	206.7	8.9	223.7	10.4	243.7	12.1	265.0	13.6	272.7	13.9	283.3	14.3	291.3	14.5
		30.4	206.7	8.8	223.7	10.2	243.7	11.9	265.0	13.4	272.7	13.7	283.3	14.1	291.3	14.3
		60.8	206.7	8.1	223.7	9.6	243.7	11.1	265.0	12.5	272.7	12.8	283.3	13.2	291.3	13.4
		76.0	206.7	7.8	223.7	9.3	243.7	10.9	265.0	12.3	272.7	12.6	283.3	12.9	291.3	13.1
		91.2	206.7	7.7	223.7	9.2	243.7	10.8	265.0	12.1	272.7	12.5	283.3	12.8	291.3	12.9
	86	24.4	206.7	10.8	223.7	12.5	243.7	14.6	265.0	16.5	272.7	16.9	283.3	17.3	291.3	17.6
		30.4	206.7	10.6	223.7	12.3	243.7	14.4	265.0	16.2	272.7	16.6	283.3	17.0	291.3	17.3
		60.8	206.7	9.7	223.7	11.5	243.7	13.5	265.0	15.1	272.7	15.5	283.3	15.9	291.3	16.2
		76.0	206.7	9.5	223.7	11.3	243.7	13.2	265.0	14.8	272.7	15.2	283.3	15.6	291.3	15.8
		91.2	206.7	9.3	223.7	11.2	243.7	13.0	265.0	14.7	272.7	15.1	283.3	15.5	291.3	15.7
	95	24.4	189.0	11.1	204.7	12.9	223.0	15.0	242.3	16.9	249.7	17.3	259.3	17.7	266.7	18.0
		30.4	189.0	10.8	204.7	12.7	223.0	14.7	242.3	16.6	249.7	17.0	259.3	17.4	266.7	17.7
		60.8	189.0	10.0	204.7	11.8	223.0	13.8	242.3	15.5	249.7	15.9	259.3	16.3	266.7	16.6
		76.0	189.0	9.7	204.7	11.6	223.0	13.5	242.3	15.2	249.7	15.6	259.3	16.0	266.7	16.2
		91.2	189.0	9.6	204.7	11.4	223.0	13.3	242.3	15.1	249.7	15.4	259.3	15.9	266.7	16.0
	104	24.4	171.7	11.9	185.7	13.8	202.3	16.1	220.0	18.2	226.3	18.6	235.3	19.0	242.0	19.4
		30.4	171.7	11.7	185.7	13.6	202.3	15.8	220.0	17.9	226.3	18.3	235.3	18.7	242.0	19.1
		60.8	171.7	10.7	185.7	12.7	202.3	14.8	220.0	16.7	226.3	17.1	235.3	17.5	242.0	17.9
		76.0	171.7	10.4	185.7	12.5	202.3	14.5	220.0	16.4	226.3	16.8	235.3	17.2	242.0	17.5
		91.2	171.7	10.3	185.7	12.3	202.3	14.4	220.0	16.2	226.3	16.6	235.3	17.1	242.0	17.3
	113	24.4	154.3	12.7	166.7	14.8	181.7	17.2	197.7	19.5	203.0	19.9	211.3	20.4	217.3	20.7
		30.4	154.3	12.5	166.7	14.6	181.7	17.0	197.7	19.1	203.0	19.6	211.3	20.0	217.3	20.4
		60.8	154.3	11.5	166.7	13.6	181.7	15.9	197.7	17.9	203.0	18.3	211.3	18.8	217.3	19.2
		76.0	154.3	11.2	166.7	13.4	181.7	15.6	197.7	17.5	203.0	18.0	211.3	18.4	217.3	18.7
		91.2	154.3	11.0	166.7	13.2	181.7	15.5	197.7	17.3	203.0	17.8	211.3	18.3	217.3	18.5

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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COOLING CAPACITY DATA

ARWN240BAS4, ARWB240BAS4

240,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet water Temp. (°F)	Water flow rate [gpm]	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]
110	23	16.1	199.1	4.3	215.5	5.0	234.5	5.7	255.2	6.5	262.8	6.6	273.5	6.8	280.5	6.9
	32	18.1	199.1	4.3	215.5	5.0	234.5	5.7	255.2	6.5	262.8	6.6	273.5	6.8	280.5	6.9
	41	20.7	199.1	4.3	215.5	5.0	234.5	5.7	255.2	6.5	262.8	6.6	273.5	6.8	280.5	6.9
	50	24.4	199.1	4.3	215.5	5.0	234.5	5.7	255.2	6.5	262.8	6.6	273.5	6.8	280.5	6.9
		30.4	199.1	4.2	215.5	4.9	234.5	5.6	255.2	6.4	262.8	6.5	273.5	6.7	280.5	6.8
		60.8	199.1	3.9	215.5	4.5	234.5	5.3	255.2	6.0	262.8	6.1	273.5	6.2	280.5	6.3
		76.0	199.1	3.7	215.5	4.4	234.5	5.2	255.2	5.9	262.8	6.0	273.5	6.1	280.5	6.3
		91.2	199.1	3.7	215.5	4.4	234.5	5.1	255.2	5.8	262.8	5.9	273.5	6.0	280.5	6.2
	59	24.4	198.0	5.7	214.3	6.6	233.3	7.7	253.7	8.7	261.3	8.9	271.7	9.1	279.0	9.3
		30.4	198.0	5.6	214.3	6.5	233.3	7.6	253.7	8.5	261.3	8.7	271.7	8.9	279.0	9.1
		60.8	198.0	5.1	214.3	6.1	233.3	7.1	253.7	8.0	261.3	8.2	271.7	8.4	279.0	8.5
		76.0	198.0	5.0	214.3	5.9	233.3	6.9	253.7	7.8	261.3	8.0	271.7	8.2	279.0	8.3
		91.2	198.0	4.9	214.3	5.9	233.3	6.9	253.7	7.7	261.3	7.9	271.7	8.1	279.0	8.2
	67	24.4	197.0	7.0	213.3	8.1	232.3	9.5	252.3	10.6	260.0	10.9	270.0	11.1	277.7	11.4
		30.4	197.0	6.8	213.3	8.0	232.3	9.3	252.3	10.4	260.0	10.7	270.0	11.0	277.7	11.2
		60.8	197.0	6.3	213.3	7.4	232.3	8.7	252.3	9.8	260.0	10.0	270.0	10.3	277.7	10.5
		76.0	197.0	6.1	213.3	7.3	232.3	8.5	252.3	9.6	260.0	9.8	270.0	10.1	277.7	10.2
		91.2	197.0	6.0	213.3	7.2	232.3	8.4	252.3	9.5	260.0	9.8	270.0	10.0	277.7	10.1
	75	24.4	197.0	8.5	213.3	9.9	232.3	11.6	252.3	13.0	260.0	13.3	270.0	13.6	277.7	13.9
		30.4	197.0	8.4	213.3	9.8	232.3	11.4	252.3	12.8	260.0	13.1	270.0	13.4	277.7	13.7
		60.8	197.0	7.7	213.3	9.1	232.3	10.6	252.3	12.0	260.0	12.3	270.0	12.6	277.7	12.8
		76.0	197.0	7.5	213.3	8.9	232.3	10.4	252.3	11.7	260.0	12.0	270.0	12.3	277.7	12.5
		91.2	197.0	7.4	213.3	8.9	232.3	10.3	252.3	11.6	260.0	11.9	270.0	12.2	277.7	12.3
	86	24.4	197.0	10.4	213.3	12.1	232.3	14.1	252.3	15.9	260.0	16.2	270.0	16.7	277.7	16.9
		30.4	197.0	10.2	213.3	11.9	232.3	13.9	252.3	15.6	260.0	16.0	270.0	16.4	277.7	16.7
		60.8	197.0	9.4	213.3	11.1	232.3	13.0	252.3	14.6	260.0	15.0	270.0	15.3	277.7	15.6
		76.0	197.0	9.1	213.3	10.9	232.3	12.7	252.3	14.3	260.0	14.7	270.0	15.1	277.7	15.2
		91.2	197.0	9.0	213.3	10.8	232.3	12.5	252.3	14.2	260.0	14.5	270.0	14.9	277.7	15.1
	95	24.4	183.3	10.8	198.7	12.6	216.3	14.6	235.3	16.5	242.3	16.9	251.7	17.3	258.7	17.6
		30.4	183.3	10.6	198.7	12.4	216.3	14.4	235.3	16.2	242.3	16.6	251.7	17.0	258.7	17.4
		60.8	183.3	9.7	198.7	11.6	216.3	13.5	235.3	15.2	242.3	15.6	251.7	15.9	258.7	16.2
		76.0	183.3	9.5	198.7	11.3	216.3	13.2	235.3	14.9	242.3	15.2	251.7	15.7	258.7	15.8
		91.2	183.3	9.4	198.7	11.2	216.3	13.1	235.3	14.7	242.3	15.1	251.7	15.5	258.7	15.7
	104	24.4	170.0	11.9	184.0	13.8	200.7	16.1	218.0	18.1	224.3	18.5	233.3	19.0	239.7	19.3
		30.4	170.0	11.7	184.0	13.6	200.7	15.8	218.0	17.8	224.3	18.2	233.3	18.7	239.7	19.0
		60.8	170.0	10.7	184.0	12.7	200.7	14.8	218.0	16.7	224.3	17.1	233.3	17.5	239.7	17.9
		76.0	170.0	10.4	184.0	12.4	200.7	14.5	218.0	16.4	224.3	16.7	233.3	17.2	239.7	17.4
		91.2	170.0	10.3	184.0	12.3	200.7	14.4	218.0	16.2	224.3	16.6	233.3	17.0	239.7	17.2
	113	24.4	156.7	13.0	169.3	15.0	185.0	17.6	200.7	19.7	206.3	20.2	215.0	20.7	220.7	21.1
		30.4	156.7	12.7	169.3	14.8	185.0	17.3	200.7	19.4	206.3	19.9	215.0	20.4	220.7	20.7
		60.8	156.7	11.7	169.3	13.9	185.0	16.1	200.7	18.2	206.3	18.6	215.0	19.1	220.7	19.5
		76.0	156.7	11.3	169.3	13.5	185.0	15.8	200.7	17.8	206.3	18.2	215.0	18.7	220.7	19.0
		91.2	156.7	11.2	169.3	13.4	185.0	15.7	200.7	17.7	206.3	18.1	215.0	18.6	220.7	18.7

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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COOLING CAPACITY DATA

ARWN240BAS4, ARWB240BAS4

240,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet water Temp. (°F)	Water flow rate [gpm]	Indoor Air Temperature (°F DB / °F WB))													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]
100	23	16.1	187.3	4.0	202.7	4.7	220.7	5.4	240.0	6.0	247.3	6.2	256.7	6.4	264.0	6.5
	32	18.1	187.3	4.0	202.7	4.7	220.7	5.4	240.0	6.0	247.3	6.2	256.7	6.4	264.0	6.5
	41	20.7	187.3	4.0	202.7	4.7	220.7	5.4	240.0	6.0	247.3	6.2	256.7	6.4	264.0	6.5
	50	24.4	187.3	4.0	202.7	4.7	220.7	5.4	240.0	6.0	247.3	6.2	256.7	6.4	264.0	6.5
		30.4	187.3	3.9	202.7	4.6	220.7	5.3	240.0	6.0	247.3	6.1	256.7	6.3	264.0	6.4
		60.8	187.3	3.6	202.7	4.2	220.7	5.0	240.0	5.6	247.3	5.8	256.7	5.9	264.0	6.0
		76.0	187.3	3.5	202.7	4.1	220.7	4.9	240.0	5.5	247.3	5.6	256.7	5.8	264.0	5.9
		91.2	187.3	3.5	202.7	4.1	220.7	4.8	240.0	5.4	247.3	5.5	256.7	5.7	264.0	5.8
	59	24.4	187.3	5.4	202.7	6.3	220.7	7.3	240.0	8.2	247.3	8.4	256.7	8.7	264.0	8.8
		30.4	187.3	5.3	202.7	6.2	220.7	7.2	240.0	8.1	247.3	8.3	256.7	8.5	264.0	8.7
		60.8	187.3	4.9	202.7	5.8	220.7	6.7	240.0	7.6	247.3	7.8	256.7	8.0	264.0	8.1
		76.0	187.3	4.8	202.7	5.7	220.7	6.6	240.0	7.4	247.3	7.6	256.7	7.8	264.0	7.9
		91.2	187.3	4.7	202.7	5.6	220.7	6.6	240.0	7.4	247.3	7.6	256.7	7.7	264.0	7.8
	67	24.4	187.3	6.7	202.7	7.8	220.7	9.1	240.0	10.2	247.3	10.4	256.7	10.7	264.0	10.9
		30.4	187.3	6.6	202.7	7.6	220.7	8.9	240.0	10.0	247.3	10.3	256.7	10.5	264.0	10.7
		60.8	187.3	6.0	202.7	7.2	220.7	8.3	240.0	9.4	247.3	9.6	256.7	9.8	264.0	10.0
		76.0	187.3	5.8	202.7	7.0	220.7	8.1	240.0	9.2	247.3	9.4	256.7	9.7	264.0	9.7
		91.2	187.3	5.8	202.7	6.9	220.7	8.1	240.0	9.1	247.3	9.3	256.7	9.6	264.0	9.6
	75	24.4	187.3	8.2	202.7	9.5	220.7	11.0	240.0	12.4	247.3	12.7	256.7	13.0	264.0	13.3
		30.4	187.3	8.0	202.7	9.3	220.7	10.9	240.0	12.2	247.3	12.5	256.7	12.8	264.0	13.1
		60.8	187.3	7.3	202.7	8.7	220.7	10.2	240.0	11.4	247.3	11.7	256.7	12.0	264.0	12.2
		76.0	187.3	7.2	202.7	8.5	220.7	9.9	240.0	11.2	247.3	11.5	256.7	11.8	264.0	11.9
		91.2	187.3	7.1	202.7	8.4	220.7	9.8	240.0	11.1	247.3	11.4	256.7	11.7	264.0	11.7
	86	24.4	187.3	10.0	202.7	11.7	220.7	13.6	240.0	15.3	247.3	15.7	256.7	16.0	264.0	16.3
		30.4	187.3	9.8	202.7	11.5	220.7	13.4	240.0	15.1	247.3	15.4	256.7	15.8	264.0	16.1
		60.8	187.3	9.0	202.7	10.7	220.7	12.5	240.0	14.1	247.3	14.4	256.7	14.8	264.0	15.0
		76.0	187.3	8.8	202.7	10.5	220.7	12.2	240.0	13.8	247.3	14.1	256.7	14.5	264.0	14.6
		91.2	187.3	8.7	202.7	10.4	220.7	12.1	240.0	13.6	247.3	14.0	256.7	14.3	264.0	14.4
	95	24.4	178.0	10.6	192.7	12.3	209.7	14.3	228.0	16.1	235.0	16.5	244.0	16.9	250.7	17.2
		30.4	178.0	10.4	192.7	12.1	209.7	14.1	228.0	15.9	235.0	16.3	244.0	16.6	250.7	16.9
		60.8	178.0	9.6	192.7	11.3	209.7	13.2	228.0	14.8	235.0	15.2	244.0	15.6	250.7	15.8
		76.0	178.0	9.3	192.7	11.1	209.7	12.9	228.0	14.5	235.0	14.9	244.0	15.3	250.7	15.4
		91.2	178.0	9.1	192.7	11.0	209.7	12.8	228.0	14.4	235.0	14.8	244.0	15.2	250.7	15.2
	104	24.4	168.3	11.9	182.3	13.8	198.7	16.1	216.0	18.1	222.3	18.6	231.0	19.0	237.7	19.3
		30.4	168.3	11.6	182.3	13.6	198.7	15.8	216.0	17.8	222.3	18.2	231.0	18.7	237.7	19.0
		60.8	168.3	10.7	182.3	12.7	198.7	14.8	216.0	16.6	222.3	17.0	231.0	17.5	237.7	17.8
		76.0	168.3	10.4	182.3	12.4	198.7	14.5	216.0	16.3	222.3	16.7	231.0	17.2	237.7	17.3
		91.2	168.3	10.3	182.3	12.3	198.7	14.3	216.0	16.2	222.3	16.6	231.0	17.0	237.7	17.1
	113	24.4	158.7	13.1	172.0	15.3	187.7	17.8	204.0	20.0	209.7	20.6	218.0	21.1	224.7	21.4
		30.4	158.7	12.9	172.0	15.1	187.7	17.5	204.0	19.7	209.7	20.2	218.0	20.7	224.7	21.1
		60.8	158.7	11.9	172.0	14.1	187.7	16.4	204.0	18.5	209.7	18.9	218.0	19.4	224.7	19.7
		76.0	158.7	11.6	172.0	13.8	187.7	16.0	204.0	18.1	209.7	18.6	218.0	19.0	224.7	19.2
		91.2	158.7	11.4	172.0	13.6	187.7	15.9	204.0	17.9	209.7	18.4	218.0	18.8	224.7	18.9

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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COOLING CAPACITY DATA

ARWN240BAS4, ARWB240BAS4

240,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet water Temp. (°F)	Water flow rate [gpm]	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]
90	23	16.1	168.3	3.4	182.3	4.0	198.7	4.6	216.0	5.2	222.3	5.4	231.0	5.5	237.7	5.6
	32	18.1	168.3	3.4	182.3	4.0	198.7	4.6	216.0	5.2	222.3	5.4	231.0	5.5	237.7	5.6
	41	20.7	168.3	3.4	182.3	4.0	198.7	4.6	216.0	5.2	222.3	5.4	231.0	5.5	237.7	5.6
	50	24.4	168.3	3.4	182.3	4.0	198.7	4.6	216.0	5.2	222.3	5.4	231.0	5.5	237.7	5.6
		30.4	168.3	3.4	182.3	3.9	198.7	4.5	216.0	5.2	222.3	5.3	231.0	5.4	237.7	5.5
		60.8	168.3	3.1	182.3	3.7	198.7	4.3	216.0	4.9	222.3	4.9	231.0	5.1	237.7	5.2
		76.0	168.3	3.0	182.3	3.6	198.7	4.2	216.0	4.7	222.3	4.9	231.0	5.0	237.7	5.0
		91.2	168.3	2.9	182.3	3.6	198.7	4.1	216.0	4.7	222.3	4.8	231.0	4.9	237.7	4.9
	59	24.4	168.3	4.7	182.3	5.4	198.7	6.3	216.0	7.1	222.3	7.3	231.0	7.5	237.7	7.6
		30.4	168.3	4.6	182.3	5.3	198.7	6.2	216.0	7.0	222.3	7.2	231.0	7.3	237.7	7.5
		60.8	168.3	4.2	182.3	5.0	198.7	5.8	216.0	6.6	222.3	6.7	231.0	6.9	237.7	7.0
		76.0	168.3	4.1	182.3	4.9	198.7	5.7	216.0	6.4	222.3	6.6	231.0	6.7	237.7	6.8
		91.2	168.3	4.0	182.3	4.8	198.7	5.6	216.0	6.4	222.3	6.5	231.0	6.7	237.7	6.7
	67	24.4	168.3	5.7	182.3	6.7	198.7	7.8	216.0	8.8	222.3	9.0	231.0	9.2	237.7	9.3
		30.4	168.3	5.6	182.3	6.6	198.7	7.7	216.0	8.6	222.3	8.8	231.0	9.0	237.7	9.2
		60.8	168.3	5.2	182.3	6.1	198.7	7.2	216.0	8.1	222.3	8.3	231.0	8.5	237.7	8.6
		76.0	168.3	5.0	182.3	6.0	198.7	7.0	216.0	7.9	222.3	8.1	231.0	8.3	237.7	8.4
		91.2	168.3	5.0	182.3	5.9	198.7	7.0	216.0	7.9	222.3	8.0	231.0	8.2	237.7	8.3
	75	24.4	168.3	7.0	182.3	8.1	198.7	9.5	216.0	10.7	222.3	10.9	231.0	11.2	237.7	11.4
		30.4	168.3	6.9	182.3	8.0	198.7	9.3	216.0	10.5	222.3	10.8	231.0	11.0	237.7	11.2
		60.8	168.3	6.3	182.3	7.5	198.7	8.7	216.0	9.8	222.3	10.1	231.0	10.3	237.7	10.5
		76.0	168.3	6.1	182.3	7.3	198.7	8.6	216.0	9.7	222.3	9.9	231.0	10.1	237.7	10.3
		91.2	168.3	6.0	182.3	7.3	198.7	8.5	216.0	9.6	222.3	9.8	231.0	10.0	237.7	10.1
	86	24.4	168.3	8.6	182.3	10.0	198.7	11.7	216.0	13.2	222.3	13.5	231.0	13.8	237.7	14.1
		30.4	168.3	8.5	182.3	9.9	198.7	11.5	216.0	12.9	222.3	13.3	231.0	13.6	237.7	13.8
		60.8	168.3	7.8	182.3	9.2	198.7	10.7	216.0	12.1	222.3	12.4	231.0	12.7	237.7	12.9
		76.0	168.3	7.6	182.3	9.0	198.7	10.5	216.0	11.9	222.3	12.2	231.0	12.5	237.7	12.6
		91.2	168.3	7.5	182.3	8.9	198.7	10.4	216.0	11.7	222.3	12.1	231.0	12.3	237.7	12.4
	95	24.4	163.7	9.3	177.3	10.8	193.3	12.6	210.0	14.2	216.3	14.5	224.7	14.9	231.0	15.2
		30.4	163.7	9.1	177.3	10.6	193.3	12.4	210.0	14.0	216.3	14.3	224.7	14.6	231.0	14.9
		60.8	163.7	8.4	177.3	10.0	193.3	11.6	210.0	13.1	216.3	13.4	224.7	13.7	231.0	14.0
		76.0	163.7	8.1	177.3	9.7	193.3	11.3	210.0	12.8	216.3	13.1	224.7	13.5	231.0	13.6
		91.2	163.7	8.0	177.3	9.6	193.3	11.2	210.0	12.7	216.3	13.0	224.7	13.3	231.0	13.4
	104	24.4	159.0	10.7	172.3	12.4	187.7	14.5	204.0	16.3	210.0	16.7	218.3	17.1	224.3	17.4
		30.4	159.0	10.5	172.3	12.2	187.7	14.3	204.0	16.0	210.0	16.4	218.3	16.8	224.3	17.1
		60.8	159.0	9.7	172.3	11.4	187.7	13.3	204.0	15.0	210.0	15.4	218.3	15.8	224.3	16.0
		76.0	159.0	9.4	172.3	11.2	187.7	13.0	204.0	14.7	210.0	15.1	218.3	15.5	224.3	15.6
		91.2	159.0	9.2	172.3	11.1	187.7	12.9	204.0	14.6	210.0	14.9	218.3	15.3	224.3	15.4
	113	24.4	154.3	12.1	167.3	14.1	182.0	16.4	198.0	18.4	203.7	18.9	212.0	19.4	217.7	19.6
		30.4	154.3	11.8	167.3	13.8	182.0	16.1	198.0	18.1	203.7	18.6	212.0	19.0	217.7	19.3
		60.8	154.3	10.9	167.3	12.9	182.0	15.1	198.0	16.9	203.7	17.4	212.0	17.8	217.7	18.1
		76.0	154.3	10.6	167.3	12.6	182.0	14.7	198.0	16.6	203.7	17.0	212.0	17.5	217.7	17.7
		91.2	154.3	10.4	167.3	12.5	182.0	14.6	198.0	16.4	203.7	16.9	212.0	17.3	217.7	17.4

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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COOLING CAPACITY DATA

ARWN240BAS4, ARWB240BAS4

240,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet water Temp. (°F)	Water flow rate [gpm]	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]
80	23	16.1	149.7	2.9	162.3	3.3	176.7	3.9	192.0	4.4	197.7	4.5	205.3	4.7	211.3	4.7
	32	18.1	149.7	2.9	162.3	3.3	176.7	3.9	192.0	4.4	197.7	4.5	205.3	4.7	211.3	4.7
	41	20.7	149.7	2.9	162.3	3.3	176.7	3.9	192.0	4.4	197.7	4.5	205.3	4.7	211.3	4.7
	50	24.4	149.7	2.9	162.3	3.3	176.7	3.9	192.0	4.4	197.7	4.5	205.3	4.7	211.3	4.7
		30.4	149.7	2.8	162.3	3.3	176.7	3.8	192.0	4.4	197.7	4.4	205.3	4.6	211.3	4.6
		60.8	149.7	2.6	162.3	3.1	176.7	3.6	192.0	4.1	197.7	4.2	205.3	4.2	211.3	4.3
		76.0	149.7	2.5	162.3	3.0	176.7	3.5	192.0	3.9	197.7	4.0	205.3	4.2	211.3	4.2
		91.2	149.7	2.5	162.3	3.0	176.7	3.5	192.0	3.9	197.7	4.0	205.3	4.2	211.3	4.2
	59	24.4	149.7	3.9	162.3	4.5	176.7	5.3	192.0	6.0	197.7	6.1	205.3	6.3	211.3	6.4
		30.4	149.7	3.8	162.3	4.5	176.7	5.2	192.0	5.9	197.7	6.0	205.3	6.2	211.3	6.3
		60.8	149.7	3.5	162.3	4.2	176.7	4.9	192.0	5.5	197.7	5.6	205.3	5.8	211.3	5.8
		76.0	149.7	3.4	162.3	4.1	176.7	4.8	192.0	5.4	197.7	5.5	205.3	5.7	211.3	5.7
		91.2	149.7	3.4	162.3	4.0	176.7	4.7	192.0	5.3	197.7	5.4	205.3	5.6	211.3	5.7
	67	24.4	149.7	4.8	162.3	5.6	176.7	6.5	192.0	7.3	197.7	7.5	205.3	7.7	211.3	7.9
		30.4	149.7	4.7	162.3	5.5	176.7	6.4	192.0	7.2	197.7	7.4	205.3	7.6	211.3	7.7
		60.8	149.7	4.3	162.3	5.1	176.7	6.0	192.0	6.8	197.7	6.9	205.3	7.1	211.3	7.2
		76.0	149.7	4.2	162.3	5.0	176.7	5.9	192.0	6.6	197.7	6.8	205.3	7.0	211.3	7.0
		91.2	149.7	4.2	162.3	5.0	176.7	5.8	192.0	6.6	197.7	6.7	205.3	6.9	211.3	6.9
	75	24.4	149.7	5.9	162.3	6.8	176.7	8.0	192.0	9.0	197.7	9.2	205.3	9.4	211.3	9.6
		30.4	149.7	5.8	162.3	6.7	176.7	7.8	192.0	8.8	197.7	9.0	205.3	9.3	211.3	9.4
		60.8	149.7	5.3	162.3	6.3	176.7	7.3	192.0	8.2	197.7	8.4	205.3	8.7	211.3	8.8
		76.0	149.7	5.1	162.3	6.2	176.7	7.2	192.0	8.1	197.7	8.3	205.3	8.5	211.3	8.6
		91.2	149.7	5.1	162.3	6.1	176.7	7.1	192.0	8.0	197.7	8.2	205.3	8.4	211.3	8.5
	86	24.4	149.7	7.2	162.3	8.4	176.7	9.8	192.0	11.1	197.7	11.3	205.3	11.6	211.3	11.8
		30.4	149.7	7.1	162.3	8.3	176.7	9.7	192.0	10.9	197.7	11.1	205.3	11.4	211.3	11.6
		60.8	149.7	6.5	162.3	7.7	176.7	9.0	192.0	10.1	197.7	10.4	205.3	10.6	211.3	10.8
		76.0	149.7	6.3	162.3	7.6	176.7	8.8	192.0	9.9	197.7	10.2	205.3	10.4	211.3	10.5
		91.2	149.7	6.2	162.3	7.5	176.7	8.7	192.0	9.8	197.7	10.1	205.3	10.4	211.3	10.4
	95	24.4	149.7	8.1	162.3	9.4	176.7	10.9	192.0	12.2	197.7	12.5	205.3	12.9	211.3	13.1
		30.4	149.7	7.9	162.3	9.2	176.7	10.7	192.0	12.0	197.7	12.3	205.3	12.7	211.3	12.9
		60.8	149.7	7.3	162.3	8.6	176.7	10.0	192.0	11.3	197.7	11.5	205.3	11.8	211.3	12.0
		76.0	149.7	7.1	162.3	8.4	176.7	9.8	192.0	11.1	197.7	11.3	205.3	11.6	211.3	11.7
		91.2	149.7	7.0	162.3	8.3	176.7	9.7	192.0	10.9	197.7	11.2	205.3	11.5	211.3	11.6
	104	24.4	149.7	9.5	162.3	11.1	176.7	12.9	192.0	14.5	197.7	14.8	205.3	15.2	211.3	15.5
		30.4	149.7	9.3	162.3	10.9	176.7	12.7	192.0	14.3	197.7	14.6	205.3	15.0	211.3	15.2
		60.8	149.7	8.6	162.3	10.2	176.7	11.9	192.0	13.4	197.7	13.7	205.3	14.0	211.3	14.3
		76.0	149.7	8.3	162.3	10.0	176.7	11.6	192.0	13.1	197.7	13.4	205.3	13.7	211.3	13.9
		91.2	149.7	8.2	162.3	9.9	176.7	11.5	192.0	13.0	197.7	13.3	205.3	13.6	211.3	13.7
	113	24.4	149.7	11.0	162.3	12.8	176.7	14.9	192.0	16.8	197.7	17.1	205.3	17.6	211.3	17.9
		30.4	149.7	10.8	162.3	12.6	176.7	14.7	192.0	16.5	197.7	16.9	205.3	17.3	211.3	17.6
		60.8	149.7	9.9	162.3	11.7	176.7	13.7	192.0	15.4	197.7	15.8	205.3	16.2	211.3	16.5
		76.0	149.7	9.6	162.3	11.5	176.7	13.4	192.0	15.1	197.7	15.5	205.3	15.8	211.3	16.1
		91.2	149.7	9.5	162.3	11.4	176.7	13.2	192.0	15.0	197.7	15.4	205.3	15.7	211.3	15.9

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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COOLING CAPACITY DATA

ARWN240BAS4, ARWB240BAS4

240,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet water Temp. (°F)	Water flow rate [gpm]	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]
70	23	16.1	131.0	2.4	142.0	2.8	154.7	3.3	168.0	3.7	173.0	3.7	179.7	3.8	184.7	3.9
	32	18.1	131.0	2.4	142.0	2.8	154.7	3.3	168.0	3.7	173.0	3.7	179.7	3.8	184.7	3.9
	41	20.7	131.0	2.4	142.0	2.8	154.7	3.3	168.0	3.7	173.0	3.7	179.7	3.8	184.7	3.9
	50	24.4	131.0	2.4	142.0	2.8	154.7	3.3	168.0	3.7	173.0	3.7	179.7	3.8	184.7	3.9
		30.4	131.0	2.4	142.0	2.7	154.7	3.2	168.0	3.6	173.0	3.7	179.7	3.8	184.7	3.8
		60.8	131.0	2.2	142.0	2.6	154.7	3.0	168.0	3.4	173.0	3.4	179.7	3.5	184.7	3.6
		76.0	131.0	2.1	142.0	2.5	154.7	2.9	168.0	3.3	173.0	3.3	179.7	3.5	184.7	3.5
		91.2	131.0	2.0	142.0	2.4	154.7	2.9	168.0	3.2	173.0	3.3	179.7	3.4	184.7	3.5
	59	24.4	131.0	3.3	142.0	3.8	154.7	4.4	168.0	5.0	173.0	5.1	179.7	5.2	184.7	5.3
		30.4	131.0	3.2	142.0	3.7	154.7	4.3	168.0	4.9	173.0	5.0	179.7	5.1	184.7	5.2
		60.8	131.0	2.9	142.0	3.5	154.7	4.1	168.0	4.6	173.0	4.7	179.7	4.8	184.7	4.9
		76.0	131.0	2.8	142.0	3.4	154.7	4.0	168.0	4.5	173.0	4.6	179.7	4.7	184.7	4.8
		91.2	131.0	2.8	142.0	3.3	154.7	3.9	168.0	4.4	173.0	4.5	179.7	4.6	184.7	4.7
	67	24.4	131.0	4.0	142.0	4.6	154.7	5.4	168.0	6.1	173.0	6.3	179.7	6.4	184.7	6.5
		30.4	131.0	3.9	142.0	4.6	154.7	5.3	168.0	6.0	173.0	6.2	179.7	6.3	184.7	6.4
		60.8	131.0	3.6	142.0	4.3	154.7	5.0	168.0	5.6	173.0	5.8	179.7	5.9	184.7	6.0
		76.0	131.0	3.5	142.0	4.2	154.7	4.9	168.0	5.5	173.0	5.7	179.7	5.8	184.7	5.8
		91.2	131.0	3.5	142.0	4.1	154.7	4.8	168.0	5.5	173.0	5.6	179.7	5.7	184.7	5.8
	75	24.4	131.0	4.9	142.0	5.7	154.7	6.6	168.0	7.5	173.0	7.6	179.7	7.8	184.7	8.0
		30.4	131.0	4.8	142.0	5.6	154.7	6.5	168.0	7.3	173.0	7.5	179.7	7.7	184.7	7.8
		60.8	131.0	4.4	142.0	5.2	154.7	6.1	168.0	6.9	173.0	7.0	179.7	7.2	184.7	7.3
		76.0	131.0	4.3	142.0	5.1	154.7	6.0	168.0	6.7	173.0	6.9	179.7	7.1	184.7	7.1
		91.2	131.0	4.2	142.0	5.0	154.7	5.9	168.0	6.6	173.0	6.8	179.7	7.0	184.7	7.0
	86	24.4	131.0	6.0	142.0	7.0	154.7	8.2	168.0	9.2	173.0	9.4	179.7	9.6	184.7	9.8
		30.4	131.0	5.9	142.0	6.9	154.7	8.0	168.0	9.0	173.0	9.2	179.7	9.5	184.7	9.6
		60.8	131.0	5.4	142.0	6.4	154.7	7.5	168.0	8.4	173.0	8.6	179.7	8.9	184.7	9.0
		76.0	131.0	5.3	142.0	6.3	154.7	7.3	168.0	8.3	173.0	8.5	179.7	8.7	184.7	8.8
		91.2	131.0	5.2	142.0	6.2	154.7	7.3	168.0	8.2	173.0	8.4	179.7	8.6	184.7	8.7
	95	24.4	131.0	6.7	142.0	7.8	154.7	9.1	168.0	10.2	173.0	10.4	179.7	10.7	184.7	10.9
		30.4	131.0	6.6	142.0	7.6	154.7	8.9	168.0	10.0	173.0	10.3	179.7	10.5	184.7	10.7
		60.8	131.0	6.0	142.0	7.2	154.7	8.3	168.0	9.4	173.0	9.6	179.7	9.8	184.7	10.0
		76.0	131.0	5.8	142.0	7.0	154.7	8.1	168.0	9.2	173.0	9.4	179.7	9.7	184.7	9.7
		91.2	131.0	5.8	142.0	6.9	154.7	8.1	168.0	9.1	173.0	9.3	179.7	9.6	184.7	9.6
	104	24.4	131.0	7.9	142.0	9.2	154.7	10.7	168.0	12.0	173.0	12.3	179.7	12.7	184.7	12.9
		30.4	131.0	7.8	142.0	9.0	154.7	10.5	168.0	11.9	173.0	12.1	179.7	12.5	184.7	12.7
		60.8	131.0	7.1	142.0	8.5	154.7	9.8	168.0	11.1	173.0	11.4	179.7	11.7	184.7	11.9
		76.0	131.0	6.9	142.0	8.3	154.7	9.7	168.0	10.9	173.0	11.2	179.7	11.4	184.7	11.6
		91.2	131.0	6.8	142.0	8.2	154.7	9.6	168.0	10.8	173.0	11.0	179.7	11.3	184.7	11.4
	113	24.4	131.0	9.2	142.0	10.6	154.7	12.4	168.0	13.9	173.0	14.2	179.7	14.6	184.7	14.9
		30.4	131.0	9.0	142.0	10.4	154.7	12.2	168.0	13.7	173.0	14.0	179.7	14.4	184.7	14.7
		60.8	131.0	8.2	142.0	9.8	154.7	11.4	168.0	12.8	173.0	13.2	179.7	13.5	184.7	13.7
		76.0	131.0	8.0	142.0	9.6	154.7	11.2	168.0	12.6	173.0	12.9	179.7	13.2	184.7	13.4
		91.2	131.0	7.9	142.0	9.4	154.7	11.0	168.0	12.5	173.0	12.7	179.7	13.1	184.7	13.2

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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COOLING CAPACITY DATA

ARWN240BAS4, ARWB240BAS4
240,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet water Temp. (°F)	Water flow rate [gpm]	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]
60	23	16.1	112.3	2.0	121.7	2.3	132.3	2.6	144.0	2.9	148.3	3.0	154.0	3.1	158.3	3.1
	32	18.1	112.3	2.0	121.7	2.3	132.3	2.6	144.0	2.9	148.3	3.0	154.0	3.1	158.3	3.1
	41	20.7	112.3	2.0	121.7	2.3	132.3	2.6	144.0	2.9	148.3	3.0	154.0	3.1	158.3	3.1
	50	24.4	112.3	2.0	121.7	2.3	132.3	2.6	144.0	2.9	148.3	3.0	154.0	3.1	158.3	3.1
		30.4	112.3	1.9	121.7	2.2	132.3	2.6	144.0	2.9	148.3	3.0	154.0	3.0	158.3	3.1
		60.8	112.3	1.7	121.7	2.1	132.3	2.4	144.0	2.7	148.3	2.7	154.0	2.8	158.3	2.9
		76.0	112.3	1.7	121.7	2.0	132.3	2.3	144.0	2.6	148.3	2.7	154.0	2.7	158.3	2.8
		91.2	112.3	1.6	121.7	2.0	132.3	2.3	144.0	2.6	148.3	2.7	154.0	2.7	158.3	2.7
	59	24.4	112.3	2.6	121.7	3.0	132.3	3.5	144.0	4.0	148.3	4.1	154.0	4.2	158.3	4.2
		30.4	112.3	2.6	121.7	3.0	132.3	3.5	144.0	3.9	148.3	4.0	154.0	4.1	158.3	4.2
		60.8	112.3	2.3	121.7	2.8	132.3	3.2	144.0	3.6	148.3	3.7	154.0	3.8	158.3	3.9
		76.0	112.3	2.3	121.7	2.7	132.3	3.2	144.0	3.6	148.3	3.6	154.0	3.7	158.3	3.8
		91.2	112.3	2.2	121.7	2.7	132.3	3.1	144.0	3.5	148.3	3.6	154.0	3.7	158.3	3.7
	67	24.4	112.3	3.2	121.7	3.7	132.3	4.3	144.0	4.9	148.3	5.0	154.0	5.1	158.3	5.2
		30.4	112.3	3.1	121.7	3.6	132.3	4.2	144.0	4.8	148.3	4.9	154.0	5.0	158.3	5.1
		60.8	112.3	2.9	121.7	3.4	132.3	4.0	144.0	4.5	148.3	4.6	154.0	4.7	158.3	4.8
		76.0	112.3	2.8	121.7	3.4	132.3	3.9	144.0	4.4	148.3	4.5	154.0	4.6	158.3	4.7
		91.2	112.3	2.8	121.7	3.3	132.3	3.9	144.0	4.4	148.3	4.5	154.0	4.6	158.3	4.6
	75	24.4	112.3	3.9	121.7	4.5	132.3	5.3	144.0	5.9	148.3	6.1	154.0	6.2	158.3	6.3
		30.4	112.3	3.8	121.7	4.4	132.3	5.2	144.0	5.8	148.3	6.0	154.0	6.1	158.3	6.2
		60.8	112.3	3.5	121.7	4.2	132.3	4.9	144.0	5.5	148.3	5.6	154.0	5.8	158.3	5.8
		76.0	112.3	3.4	121.7	4.1	132.3	4.8	144.0	5.4	148.3	5.5	154.0	5.6	158.3	5.7
		91.2	112.3	3.4	121.7	4.1	132.3	4.7	144.0	5.3	148.3	5.4	154.0	5.6	158.3	5.6
	86	24.4	112.3	4.8	121.7	5.6	132.3	6.5	144.0	7.3	148.3	7.5	154.0	7.7	158.3	7.8
		30.4	112.3	4.7	121.7	5.5	132.3	6.4	144.0	7.2	148.3	7.3	154.0	7.5	158.3	7.7
		60.8	112.3	4.3	121.7	5.1	132.3	6.0	144.0	6.7	148.3	6.9	154.0	7.1	158.3	7.2
		76.0	112.3	4.2	121.7	5.0	132.3	5.8	144.0	6.6	148.3	6.7	154.0	6.9	158.3	7.0
		91.2	112.3	4.2	121.7	5.0	132.3	5.8	144.0	6.5	148.3	6.7	154.0	6.9	158.3	6.9
	95	24.4	112.3	5.3	121.7	6.2	132.3	7.2	144.0	8.1	148.3	8.3	154.0	8.5	158.3	8.7
		30.4	112.3	5.2	121.7	6.1	132.3	7.1	144.0	8.0	148.3	8.2	154.0	8.4	158.3	8.5
		60.8	112.3	4.8	121.7	5.7	132.3	6.6	144.0	7.5	148.3	7.6	154.0	7.9	158.3	8.0
		76.0	112.3	4.7	121.7	5.6	132.3	6.5	144.0	7.3	148.3	7.5	154.0	7.7	158.3	7.8
		91.2	112.3	4.6	121.7	5.5	132.3	6.4	144.0	7.2	148.3	7.4	154.0	7.6	158.3	7.7
	104	24.4	112.3	6.3	121.7	7.3	132.3	8.5	144.0	9.6	148.3	9.8	154.0	10.1	158.3	10.3
		30.4	112.3	6.2	121.7	7.2	132.3	8.4	144.0	9.5	148.3	9.7	154.0	9.9	158.3	10.1
		60.8	112.3	5.7	121.7	6.7	132.3	7.9	144.0	8.9	148.3	9.0	154.0	9.3	158.3	9.5
		76.0	112.3	5.5	121.7	6.6	132.3	7.7	144.0	8.7	148.3	8.9	154.0	9.1	158.3	9.2
		91.2	112.3	5.4	121.7	6.6	132.3	7.6	144.0	8.6	148.3	8.8	154.0	9.0	158.3	9.1
	113	24.4	112.3	7.3	121.7	8.5	132.3	9.9	144.0	11.1	148.3	11.4	154.0	11.7	158.3	11.8
		30.4	112.3	7.2	121.7	8.3	132.3	9.7	144.0	10.9	148.3	11.2	154.0	11.5	158.3	11.7
		60.8	112.3	6.6	121.7	7.8	132.3	9.1	144.0	10.2	148.3	10.4	154.0	10.7	158.3	10.9
		76.0	112.3	6.4	121.7	7.7	132.3	8.9	144.0	10.0	148.3	10.3	154.0	10.5	158.3	10.6
		91.2	112.3	6.3	121.7	7.6	132.3	8.8	144.0	9.9	148.3	10.2	154.0	10.4	158.3	10.5

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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COOLING CAPACITY DATA

ARWN240BAS4, ARWB240BAS4

240,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet water Temp. (°F)	Water flow rate [gpm]	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]
50	23	16.1	93.7	1.4	101.3	1.7	110.3	2.0	120.0	2.2	123.7	2.2	128.3	2.3	132.0	2.3
	32	18.1	93.7	1.4	101.3	1.7	110.3	2.0	120.0	2.2	123.7	2.2	128.3	2.3	132.0	2.3
	41	20.7	93.7	1.4	101.3	1.7	110.3	2.0	120.0	2.2	123.7	2.2	128.3	2.3	132.0	2.3
	50	24.4	93.7	1.4	101.3	1.7	110.3	2.0	120.0	2.2	123.7	2.2	128.3	2.3	132.0	2.3
		30.4	93.7	1.4	101.3	1.6	110.3	1.9	120.0	2.2	123.7	2.2	128.3	2.2	132.0	2.3
		60.8	93.7	1.3	101.3	1.5	110.3	1.7	120.0	2.0	123.7	2.1	128.3	2.1	132.0	2.2
		76.0	93.7	1.3	101.3	1.5	110.3	1.8	120.0	1.9	123.7	2.0	128.3	2.0	132.0	2.1
		91.2	93.7	1.2	101.3	1.4	110.3	1.8	120.0	1.9	123.7	2.0	128.3	2.0	132.0	2.0
	59	24.4	93.7	1.9	101.3	2.2	110.3	2.6	120.0	3.0	123.7	3.0	128.3	3.1	132.0	3.1
		30.4	93.7	1.9	101.3	2.2	110.3	2.6	120.0	2.9	123.7	3.0	128.3	3.0	132.0	3.1
		60.8	93.7	1.8	101.3	2.1	110.3	2.4	120.0	2.7	123.7	2.8	128.3	2.8	132.0	2.9
		76.0	93.7	1.7	101.3	2.0	110.3	2.4	120.0	2.7	123.7	2.7	128.3	2.8	132.0	2.8
		91.2	93.7	1.7	101.3	2.0	110.3	2.3	120.0	2.6	123.7	2.7	128.3	2.7	132.0	2.8
	67	24.4	93.7	2.4	101.3	2.8	110.3	3.2	120.0	3.6	123.7	3.7	128.3	3.8	132.0	3.9
		30.4	93.7	2.3	101.3	2.7	110.3	3.2	120.0	3.6	123.7	3.7	128.3	3.7	132.0	3.8
		60.8	93.7	2.1	101.3	2.6	110.3	3.0	120.0	3.4	123.7	3.4	128.3	3.5	132.0	3.6
		76.0	93.7	2.1	101.3	2.5	110.3	2.9	120.0	3.3	123.7	3.4	128.3	3.5	132.0	3.5
		91.2	93.7	2.0	101.3	2.5	110.3	2.9	120.0	3.3	123.7	3.3	128.3	3.4	132.0	3.4
	75	24.4	93.7	2.9	101.3	3.4	110.3	3.9	120.0	4.4	123.7	4.5	128.3	4.6	132.0	4.7
		30.4	93.7	2.8	101.3	3.3	110.3	3.9	120.0	4.3	123.7	4.5	128.3	4.6	132.0	4.7
		60.8	93.7	2.6	101.3	3.1	110.3	3.6	120.0	4.1	123.7	4.2	128.3	4.3	132.0	4.3
		76.0	93.7	2.6	101.3	3.0	110.3	3.5	120.0	4.0	123.7	4.1	128.3	4.2	132.0	4.2
		91.2	93.7	2.5	101.3	3.0	110.3	3.5	120.0	3.9	123.7	4.0	128.3	4.1	132.0	4.2
	86	24.4	93.7	3.6	101.3	4.2	110.3	4.8	120.0	5.5	123.7	5.6	128.3	5.7	132.0	5.8
		30.4	93.7	3.5	101.3	4.1	110.3	4.8	120.0	5.4	123.7	5.5	128.3	5.6	132.0	5.7
		60.8	93.7	3.2	101.3	3.8	110.3	4.4	120.0	5.0	123.7	5.1	128.3	5.3	132.0	5.4
		76.0	93.7	3.1	101.3	3.7	110.3	4.3	120.0	4.9	123.7	5.0	128.3	5.2	132.0	5.2
		91.2	93.7	3.1	101.3	3.7	110.3	4.3	120.0	4.9	123.7	5.0	128.3	5.1	132.0	5.1
	95	24.4	93.7	4.0	101.3	4.6	110.3	5.4	120.0	6.0	123.7	6.2	128.3	6.4	132.0	6.5
		30.4	93.7	3.9	101.3	4.5	110.3	5.3	120.0	5.9	123.7	6.1	128.3	6.3	132.0	6.4
		60.8	93.7	3.6	101.3	4.2	110.3	5.0	120.0	5.6	123.7	5.7	128.3	5.8	132.0	5.9
		76.0	93.7	3.5	101.3	4.2	110.3	4.9	120.0	5.5	123.7	5.6	128.3	5.8	132.0	5.8
		91.2	93.7	3.4	101.3	4.1	110.3	4.8	120.0	5.4	123.7	5.5	128.3	5.7	132.0	5.7
	104	24.4	93.7	4.7	101.3	5.5	110.3	6.4	120.0	7.2	123.7	7.3	128.3	7.5	132.0	7.7
		30.4	93.7	4.6	101.3	5.4	110.3	6.3	120.0	7.1	123.7	7.2	128.3	7.4	132.0	7.5
		60.8	93.7	4.2	101.3	5.0	110.3	5.8	120.0	6.6	123.7	6.7	128.3	6.9	132.0	7.1
		76.0	93.7	4.1	101.3	4.9	110.3	5.8	120.0	6.5	123.7	6.6	128.3	6.8	132.0	6.9
		91.2	93.7	4.1	101.3	4.9	110.3	5.7	120.0	6.4	123.7	6.6	128.3	6.7	132.0	6.8
	113	24.4	93.7	5.4	101.3	6.3	110.3	7.3	120.0	8.3	123.7	8.5	128.3	8.7	132.0	8.9
		30.4	93.7	5.3	101.3	6.2	110.3	7.2	120.0	8.2	123.7	8.3	128.3	8.6	132.0	8.7
		60.8	93.7	4.9	101.3	5.8	110.3	6.7	120.0	7.6	123.7	7.8	128.3	8.0	132.0	8.2
		76.0	93.7	4.8	101.3	5.7	110.3	6.6	120.0	7.4	123.7	7.6	128.3	7.9	132.0	8.0
		91.2	93.7	4.7	101.3	5.6	110.3	6.6	120.0	7.4	123.7	7.6	128.3	7.8	132.0	7.8

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

Due to our policy of continuous product innovation, some specifications may change without notification.
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COOLING CAPACITY DATA

ARWN288BAS4, ARWB288BAS4

288,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
130	23	18.7	267.3	5.89	289.7	6.90	316.2	8.04	343.0	9.07	353.0	9.32	367.1	9.49	377.1	9.58
	32	21.0	267.3	5.89	289.7	6.90	316.2	8.04	343.0	9.07	353.0	9.32	367.1	9.49	377.1	9.58
	41	24.1	267.3	5.89	289.7	6.90	316.2	8.04	343.0	9.07	353.0	9.32	367.1	9.49	377.1	9.58
	50	28.4	267.3	5.89	289.7	6.90	316.2	8.04	343.0	9.07	353.0	9.32	367.1	9.49	377.1	9.58
		35.5	267.3	5.79	289.7	6.80	316.2	7.92	343.0	8.92	353.0	9.15	367.1	9.34	377.1	9.45
		71.0	267.3	5.37	289.7	6.37	316.2	7.42	343.0	8.34	353.0	8.49	367.1	8.77	377.1	8.96
		88.8	267.3	5.21	289.7	6.22	316.2	7.26	343.0	8.15	353.0	8.38	367.1	8.57	377.1	8.73
		106.5	267.3	5.14	289.7	6.14	316.2	7.18	343.0	8.05	353.0	8.33	367.1	8.47	377.1	8.61
	59	28.4	263.2	7.78	285.2	9.05	310.8	10.56	337.6	11.90	347.6	12.19	361.2	12.46	371.2	12.65
		35.5	263.2	7.63	285.2	8.91	310.8	10.39	337.6	11.71	347.6	11.99	361.2	12.27	371.2	12.47
		71.0	263.2	7.03	285.2	8.35	310.8	9.71	337.6	10.95	347.6	11.19	361.2	11.51	371.2	11.75
		88.8	263.2	6.83	285.2	8.15	310.8	9.51	337.6	10.71	347.6	10.99	361.2	11.27	371.2	11.47
		106.5	263.2	6.73	285.2	8.05	310.8	9.41	337.6	10.59	347.6	10.89	361.2	11.15	371.2	11.33
	67	28.4	259.6	9.46	281.2	10.96	306.0	12.80	332.8	14.42	342.8	14.74	356.0	15.10	366.0	15.37
		35.5	259.6	9.27	281.2	10.79	306.0	12.59	332.8	14.18	342.8	14.50	356.0	14.86	366.0	15.14
		71.0	259.6	8.51	281.2	10.11	306.0	11.75	332.8	13.26	342.8	13.58	356.0	13.94	366.0	14.22
		88.8	259.6	8.27	281.2	9.87	306.0	11.51	332.8	12.99	342.8	13.30	356.0	13.66	366.0	13.90
		106.5	259.6	8.15	281.2	9.75	306.0	11.39	332.8	12.85	342.8	13.17	356.0	13.53	366.0	13.75
	75	28.4	259.6	11.66	281.2	13.52	306.0	15.75	332.8	17.74	342.8	18.19	356.0	18.63	366.0	18.94
		35.5	259.6	11.43	281.2	13.30	306.0	15.50	332.8	17.46	342.8	17.90	356.0	18.34	366.0	18.66
		71.0	259.6	10.51	281.2	12.47	306.0	14.50	332.8	16.34	342.8	16.74	356.0	17.18	366.0	17.54
		88.8	259.6	10.23	281.2	12.19	306.0	14.22	332.8	16.02	342.8	16.42	356.0	16.86	366.0	17.14
		106.5	259.6	10.09	281.2	12.05	306.0	14.08	332.8	15.86	342.8	16.26	356.0	16.70	366.0	16.94
	86	28.4	259.6	13.99	281.2	16.24	306.0	18.92	332.8	21.32	342.8	21.80	356.0	22.37	366.0	22.71
		35.5	259.6	13.70	281.2	15.98	306.0	18.62	332.8	20.98	342.8	21.46	356.0	22.01	366.0	22.37
		71.0	259.6	12.59	281.2	14.94	306.0	17.42	332.8	19.62	342.8	20.10	356.0	20.62	366.0	21.06
		88.8	259.6	12.27	281.2	14.62	306.0	17.06	332.8	19.22	342.8	19.74	356.0	20.22	366.0	20.58
		106.5	259.6	12.11	281.2	14.46	306.0	16.88	332.8	19.02	342.8	19.56	356.0	20.02	366.0	20.34
	95	28.4	233.6	14.15	252.8	16.45	275.6	19.12	299.6	21.57	308.4	22.04	320.4	22.61	329.2	23.01
		35.5	233.6	13.86	252.8	16.18	275.6	18.82	299.6	21.22	308.4	21.70	320.4	22.25	329.2	22.65
		71.0	233.6	12.75	252.8	15.10	275.6	17.62	299.6	19.82	308.4	20.34	320.4	20.86	329.2	21.26
		88.8	233.6	12.39	252.8	14.78	275.6	17.26	299.6	19.42	308.4	19.94	320.4	20.46	329.2	20.82
		106.5	233.6	12.21	252.8	14.62	275.6	17.08	299.6	19.22	308.4	19.74	320.4	20.26	329.2	20.60
	104	28.4	207.6	14.93	224.8	17.34	244.8	20.18	266.0	22.75	274.0	23.27	284.8	23.82	292.8	24.26
		35.5	207.6	14.62	224.8	17.06	244.8	19.86	266.0	22.37	274.0	22.89	284.8	23.45	292.8	23.89
		71.0	207.6	13.42	224.8	15.94	244.8	18.58	266.0	20.90	274.0	21.42	284.8	22.01	292.8	22.45
		88.8	207.6	13.07	224.8	15.58	244.8	18.18	266.0	20.50	274.0	21.02	284.8	21.58	292.8	21.94
		106.5	207.6	12.89	224.8	15.40	244.8	17.98	266.0	20.30	274.0	20.82	284.8	21.36	292.8	21.68
	113	28.4	181.6	15.71	196.8	18.23	214.0	21.24	232.4	23.93	239.6	24.50	249.2	25.03	256.4	25.50
		35.5	181.6	15.38	196.8	17.94	214.0	20.90	232.4	23.53	239.6	24.09	249.2	24.65	256.4	25.13
		71.0	181.6	14.10	196.8	16.78	214.0	19.54	232.4	21.98	239.6	22.49	249.2	23.17	256.4	23.65
		88.8	181.6	13.74	196.8	16.38	214.0	19.10	232.4	21.58	239.6	22.09	249.2	22.69	256.4	23.05
		106.5	181.6	13.57	196.8	16.18	214.0	18.88	232.4	21.38	239.6	21.90	249.2	22.46	256.4	22.76
120	23	18.7	253.1	5.63	274.4	6.50	298.4	7.66	324.8	8.58	334.9	8.84	347.7	9.02	357.3	9.18
	32	21.0	253.1	5.63	274.4	6.50	298.4	7.66	324.8	8.58	334.9	8.84	347.7	9.02	357.3	9.18
	41	24.1	253.1	5.63	274.4	6.50	298.4	7.66	324.8	8.58	334.9	8.84	347.7	9.02	357.3	9.18
	50	28.4	253.1	5.63	274.4	6.50	298.4	7.66	324.8	8.58	334.9	8.84	347.7	9.02	357.3	9.18
		35.5	253.1	5.51	274.4	6.40	298.4	7.52	324.8	8.45	334.9	8.68	347.7	8.87	357.3	9.02
		71.0	253.1	5.05	274.4	5.97	298.4	6.98	324.8	7.91	334.9	8.06	347.7	8.29	357.3	8.40
		88.8	253.1	4.98	274.4	5.86	298.4	6.91	324.8	7.75	334.9	7.90	347.7	8.14	357.3	8.25
		106.5	253.1	4.94	274.4	5.80	298.4	6.87	324.8	7.67	334.9	7.82	347.7	8.06	357.3	8.18
	59	28.4	250.4	7.46	271.2	8.65	295.2	10.12	321.2	11.37	330.8	11.66	343.6	11.94	353.2	12.14
		35.5	250.4	7.31	271.2	8.51	295.2	9.95	321.2	11.19	330.8	11.47	343.6	11.75	353.2	11.95
		71.0	250.4	6.71	271.2	7.95	295.2	9.27	321.2	10.47	330.8	10.71	343.6	10.99	353.2	11.19
		88.8	250.4	6.55	271.2	7.79	295.2	9.11	321.2	10.27	330.8	10.51	343.6	10.79	353.2	10.95
		106.5	250.4	6.47	271.2	7.71	295.2	9.03	321.2	10.17	330.8	10.41	343.6	10.69	353.2	10.83
	67	28.4	248.0	9.09	268.4	10.56	292.4	12.31	318.0	13.85	327.2	14.17	340.0	14.54	349.6	14.77
		35.5	248.0	8.91	268.4	10.39	292.4	12.11	318.0	13.62	327.2	13.94	340.0	14.30	349.6	14.54
		71.0	248.0	8.19	268.4	9.71	292.4	11.31	318.0	12.75	327.2	13.07	340.0	13.38	349.6	13.66
		88.8	248.0	7.95	268.4	9.51	292.4	11.07	318.0	12.51	327.2	12.83	340.0	13.15	349.6	13.34
		106.5	248.0	7.83	268.4	9.41	292.4	10.95	318.0	12.39	327.2	12.71	340.0	13.03	349.6	13.19

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

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COOLING CAPACITY DATA

ARWN288BAS4, ARWB288BAS4
288,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
120	75	28.4	248.0	11.17	268.4	12.95	292.4	15.11	318.0	17.01	327.2	17.42	340.0	17.86	349.6	18.18
		35.5	248.0	10.95	268.4	12.75	292.4	14.86	318.0	16.74	327.2	17.14	340.0	17.58	349.6	17.90
		71.0	248.0	10.07	268.4	11.95	292.4	13.90	318.0	15.66	327.2	16.02	340.0	16.46	349.6	16.78
		88.8	248.0	9.79	268.4	11.67	292.4	13.62	318.0	15.34	327.2	15.74	340.0	16.14	349.6	16.38
		106.5	248.0	9.65	268.4	11.53	292.4	13.49	318.0	15.18	327.2	15.60	340.0	15.98	349.6	16.18
	86	28.4	248.0	13.49	268.4	15.67	292.4	18.27	318.0	20.59	327.2	21.08	340.0	21.60	349.6	21.95
		35.5	248.0	13.22	268.4	15.42	292.4	17.98	318.0	20.26	327.2	20.74	340.0	21.26	349.6	21.62
		71.0	248.0	12.19	268.4	14.42	292.4	16.82	318.0	18.94	327.2	19.38	340.0	19.90	349.6	20.30
		88.8	248.0	11.83	268.4	14.10	292.4	16.46	318.0	18.54	327.2	19.02	340.0	19.54	349.6	19.82
		106.5	248.0	11.65	268.4	13.94	292.4	16.28	318.0	18.34	327.2	18.84	340.0	19.36	349.6	19.58
	95	28.4	226.8	13.82	245.6	16.08	267.6	18.72	290.8	21.07	299.6	21.60	311.2	22.12	320.0	22.53
		35.5	226.8	13.54	245.6	15.82	267.6	18.42	290.8	20.74	299.6	21.26	311.2	21.78	320.0	22.17
		71.0	226.8	12.47	245.6	14.78	267.6	17.22	290.8	19.42	299.6	19.90	311.2	20.42	320.0	20.78
		88.8	226.8	12.15	245.6	14.46	267.6	16.86	290.8	19.02	299.6	19.50	311.2	20.02	320.0	20.30
		106.5	226.8	11.99	245.6	14.30	267.6	16.68	290.8	18.82	299.6	19.30	311.2	19.82	320.0	20.06
	104	28.4	206.0	14.88	222.8	17.30	242.8	20.14	264.0	22.70	271.6	23.23	282.4	23.79	290.4	24.23
		35.5	206.0	14.58	222.8	17.02	242.8	19.82	264.0	22.33	271.6	22.85	282.4	23.41	290.4	23.85
		71.0	206.0	13.42	222.8	15.90	242.8	18.54	264.0	20.90	271.6	21.38	282.4	21.94	290.4	22.37
		88.8	206.0	13.07	222.8	15.58	242.8	18.18	264.0	20.46	271.6	20.98	282.4	21.54	290.4	21.86
		106.5	206.0	12.89	222.8	15.42	242.8	18.00	264.0	20.24	271.6	20.78	282.4	21.34	290.4	21.60
	113	28.4	185.2	15.94	200.0	18.52	218.0	21.56	237.2	24.33	243.6	24.86	253.6	25.46	260.8	25.92
		35.5	185.2	15.62	200.0	18.22	218.0	21.22	237.2	23.93	243.6	24.45	253.6	25.05	260.8	25.53
		71.0	185.2	14.38	200.0	17.02	218.0	19.86	237.2	22.37	243.6	22.85	253.6	23.45	260.8	23.97
		88.8	185.2	13.98	200.0	16.70	218.0	19.50	237.2	21.90	243.6	22.45	253.6	23.05	260.8	23.41
		106.5	185.2	13.79	200.0	16.54	218.0	19.32	237.2	21.66	243.6	22.26	253.6	22.85	260.8	23.14
110	23	18.7	239.0	5.35	258.6	6.19	281.4	7.15	306.2	8.10	315.4	8.24	328.3	8.50	336.6	8.60
	32	21.0	239.0	5.35	258.6	6.19	281.4	7.15	306.2	8.10	315.4	8.24	328.3	8.50	336.6	8.60
	41	24.1	239.0	5.35	258.6	6.19	281.4	7.15	306.2	8.10	315.4	8.24	328.3	8.50	336.6	8.60
	50	28.4	239.0	5.35	258.6	6.19	281.4	7.15	306.2	8.10	315.4	8.24	328.3	8.50	336.6	8.60
		35.5	239.0	5.24	258.6	6.08	281.4	7.04	306.2	7.97	315.4	8.12	328.3	8.36	336.6	8.47
		71.0	239.0	4.81	258.6	5.66	281.4	6.62	306.2	7.47	315.4	7.67	328.3	7.77	336.6	7.93
		88.8	239.0	4.66	258.6	5.54	281.4	6.47	306.2	7.32	315.4	7.47	328.3	7.62	336.6	7.82
		106.5	239.0	4.58	258.6	5.49	281.4	6.39	306.2	7.24	315.4	7.37	328.3	7.54	336.6	7.77
	59	28.4	237.6	7.13	257.2	8.29	280.0	9.62	304.4	10.84	313.6	11.08	326.0	11.37	334.8	11.57
		35.5	237.6	6.99	257.2	8.15	280.0	9.47	304.4	10.67	313.6	10.91	326.0	11.19	334.8	11.39
		71.0	237.6	6.43	257.2	7.59	280.0	8.87	304.4	9.99	313.6	10.23	326.0	10.47	334.8	10.67
		88.8	237.6	6.23	257.2	7.43	280.0	8.67	304.4	9.79	313.6	10.03	326.0	10.27	334.8	10.43
		106.5	237.6	6.13	257.2	7.35	280.0	8.57	304.4	9.69	313.6	9.93	326.0	10.17	334.8	10.31
	67	28.4	236.4	8.72	256.0	10.16	278.8	11.82	302.8	13.28	312.0	13.61	324.0	13.92	333.2	14.21
		35.5	236.4	8.55	256.0	9.99	278.8	11.63	302.8	13.07	312.0	13.38	324.0	13.70	333.2	13.98
		71.0	236.4	7.87	256.0	9.31	278.8	10.87	302.8	12.23	312.0	12.51	324.0	12.87	333.2	13.11
		88.8	236.4	7.63	256.0	9.11	278.8	10.63	302.8	11.99	312.0	12.31	324.0	12.63	333.2	12.75
		106.5	236.4	7.51	256.0	9.01	278.8	10.51	302.8	11.87	312.0	12.21	324.0	12.51	333.2	12.57
	75	28.4	236.4	10.68	256.0	12.43	278.8	14.46	302.8	16.28	312.0	16.64	324.0	17.04	333.2	17.37
		35.5	236.4	10.47	256.0	12.23	278.8	14.22	302.8	16.02	312.0	16.38	324.0	16.78	333.2	17.10
		71.0	236.4	9.63	256.0	11.43	278.8	13.30	302.8	14.98	312.0	15.34	324.0	15.74	333.2	16.02
		88.8	236.4	9.35	256.0	11.19	278.8	13.03	302.8	14.66	312.0	15.06	324.0	15.42	333.2	15.625
		106.5	236.4	9.21	256.0	11.07	278.8	12.89	302.8	14.50	312.0	14.92	324.0	15.26	333.2	15.42
	86	28.4	236.4	13.00	256.0	15.16	278.8	17.62	302.8	19.86	312.0	20.30	324.0	20.83	333.2	21.19
		35.5	236.4	12.75	256.0	14.90	278.8	17.34	302.8	19.54	312.0	19.98	324.0	20.50	333.2	20.86
		71.0	236.4	11.75	256.0	13.90	278.8	16.22	302.8	18.26	312.0	18.70	324.0	19.18	333.2	19.54
		88.8	236.4	11.43	256.0	13.62	278.8	15.86	302.8	17.90	312.0	18.34	324.0	18.82	333.2	19.06
		106.5	236.4	11.27	256.0	13.49	278.8	15.68	302.8	17.72	312.0	18.16	324.0	18.64	333.2	18.82
	95	28.4	220.0	13.54	238.4	15.71	259.6	18.31	282.4	20.63	290.8	21.11	302.0	21.64	310.4	22.05
		35.5	220.0	13.26	238.4	15.46	259.6	18.02	282.4	20.30	290.8	20.78	302.0	21.30	310.4	21.70
		71.0	220.0	12.19	238.4	14.46	259.6	16.86	282.4	18.98	290.8	19.46	302.0	19.94	310.4	20.30
		88.8	220.0	11.87	238.4	14.14	259.6	16.50	282.4	18.62	290.8	19.06	302.0	19.58	310.4	19.82
		106.5	220.0	11.71	238.4	13.98	259.6	16.32	282.4	18.44	290.8	18.86	302.0	19.40	310.4	19.58

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

Due to our policy of continuous product innovation, some specifications may change without notification.
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COOLING CAPACITY DATA

ARWN288BAS4, ARWB288BAS4

288,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
110	104	28.4	204.0	14.89	220.8	17.25	240.8	20.15	261.6	22.66	269.2	23.19	280.0	23.75	287.6	24.19
		35.5	204.0	14.58	220.8	16.98	240.8	19.82	261.6	22.29	269.2	22.81	280.0	23.37	287.6	23.81
		71.0	204.0	13.38	220.8	15.90	240.8	18.50	261.6	20.86	269.2	21.34	280.0	21.90	287.6	22.33
		88.8	204.0	13.03	220.8	15.54	240.8	18.14	261.6	20.46	269.2	20.94	280.0	21.50	287.6	21.78
		106.5	204.0	12.85	220.8	15.36	240.8	17.96	261.6	20.26	269.2	20.74	280.0	21.30	287.6	21.50
	113	28.4	188.0	16.23	203.2	18.79	222.0	21.99	240.8	24.69	247.6	25.27	258.0	25.85	264.8	26.32
		35.5	188.0	15.90	203.2	18.50	222.0	21.62	240.8	24.29	247.6	24.85	258.0	24.45	264.8	25.93
		71.0	188.0	14.58	203.2	17.34	222.0	20.14	240.8	22.73	247.6	23.21	258.0	23.85	264.8	24.37
		88.8	188.0	14.18	203.2	16.94	222.0	19.78	240.8	22.29	247.6	22.81	258.0	23.41	264.8	23.73
		106.5	188.0	13.99	203.2	16.74	222.0	19.60	240.8	22.08	247.6	22.62	258.0	23.19	264.8	23.41
100	23	18.7	224.8	4.98	243.2	5.84	264.8	6.75	288.0	7.56	296.8	7.75	308.0	8.01	316.8	8.18
	32	21.0	224.8	4.98	243.2	5.84	264.8	6.75	288.0	7.56	296.8	7.75	308.0	8.01	316.8	8.18
	41	24.1	224.8	4.98	243.2	5.84	264.8	6.75	288.0	7.56	296.8	7.75	308.0	8.01	316.8	8.18
	50	28.4	224.8	4.98	243.2	5.84	264.8	6.75	288.0	7.56	296.8	7.75	308.0	8.01	316.8	8.18
		35.5	224.8	4.88	243.2	5.73	264.8	6.65	288.0	7.45	296.8	7.65	308.0	7.88	316.8	8.04
		71.0	224.8	4.49	243.2	5.30	264.8	6.23	288.0	7.04	296.8	7.23	308.0	7.38	316.8	7.45
		88.8	224.8	4.42	243.2	5.18	264.8	6.11	288.0	6.84	296.8	7.03	308.0	7.23	316.8	7.35
		106.5	224.8	4.39	243.2	5.13	264.8	6.06	288.0	6.74	296.8	6.93	308.0	7.15	316.8	7.29
	59	28.4	224.8	6.76	243.2	7.88	264.8	9.18	288.0	10.31	296.8	10.55	308.0	10.84	316.8	11.05
		35.5	224.8	6.63	243.2	7.75	264.8	9.03	288.0	10.15	296.8	10.39	308.0	10.67	316.8	10.87
		71.0	224.8	6.11	243.2	7.23	264.8	8.43	288.0	9.51	296.8	9.75	308.0	9.99	316.8	10.15
		88.8	224.8	5.95	243.2	7.07	264.8	8.27	288.0	9.31	296.8	9.55	308.0	9.79	316.8	9.91
		106.5	224.8	5.87	243.2	6.99	264.8	8.19	288.0	9.21	296.8	9.45	308.0	9.69	316.8	9.79
	67	28.4	224.8	8.35	243.2	9.70	264.8	11.34	288.0	12.76	296.8	13.04	308.0	13.36	316.8	13.60
		35.5	224.8	8.19	243.2	9.55	264.8	11.15	288.0	12.55	296.8	12.83	308.0	13.15	316.8	13.38
		71.0	224.8	7.55	243.2	8.95	264.8	10.39	288.0	11.71	296.8	11.99	308.0	12.31	316.8	12.55
		88.8	224.8	7.31	243.2	8.75	264.8	10.19	288.0	11.51	296.8	11.79	308.0	12.07	316.8	12.19
		106.5	224.8	7.19	243.2	8.65	264.8	10.09	288.0	11.41	296.8	11.69	308.0	11.95	316.8	12.01
	75	28.4	224.8	10.19	243.2	11.86	264.8	13.81	288.0	15.55	296.8	15.92	308.0	16.27	316.8	16.61
		35.5	224.8	9.99	243.2	11.67	264.8	13.58	288.0	15.30	296.8	15.66	308.0	16.02	316.8	16.34
		71.0	224.8	9.19	243.2	10.91	264.8	12.71	288.0	14.30	296.8	14.62	308.0	15.02	316.8	15.26
		88.8	224.8	8.95	243.2	10.67	264.8	12.43	288.0	14.02	296.8	14.34	308.0	14.74	316.8	14.86
		106.5	224.8	8.83	243.2	10.55	264.8	12.29	288.0	13.88	296.8	14.20	308.0	14.60	316.8	14.66
	86	28.4	224.8	12.56	243.2	14.59	264.8	16.97	288.0	19.13	296.8	19.58	308.0	20.06	316.8	20.43
		35.5	224.8	12.31	243.2	14.34	264.8	16.70	288.0	18.82	296.8	19.26	308.0	19.74	316.8	20.10
		71.0	224.8	11.31	243.2	13.38	264.8	15.62	288.0	17.58	296.8	17.98	308.0	18.46	316.8	18.78
		88.8	224.8	10.99	243.2	13.11	264.8	15.30	288.0	17.22	296.8	17.66	308.0	18.10	316.8	18.30
		106.5	224.8	10.83	243.2	12.97	264.8	15.14	288.0	17.04	296.8	17.50	308.0	17.92	316.8	18.06
	95	28.4	213.6	13.25	231.2	15.40	251.6	17.91	273.6	20.19	282.0	20.67	292.8	21.15	300.8	21.52
		35.5	213.6	12.99	231.2	15.14	251.6	17.62	273.6	19.86	282.0	20.34	292.8	20.82	300.8	21.18
		71.0	213.6	11.95	231.2	14.14	251.6	16.46	273.6	18.54	282.0	19.02	292.8	19.50	300.8	19.82
		88.8	213.6	11.59	231.2	13.86	251.6	16.14	273.6	18.18	282.0	18.66	292.8	19.14	300.8	19.30
		106.5	213.6	11.41	231.2	13.73	251.6	15.98	273.6	18.00	282.0	18.48	292.8	18.96	300.8	19.04
	104	28.4	202.0	14.84	218.8	17.26	238.4	20.10	259.2	22.62	266.8	23.20	277.2	23.76	285.2	24.16
		35.5	202.0	14.54	218.8	16.98	238.4	19.78	259.2	22.25	266.8	22.81	277.2	23.37	285.2	23.77
		71.0	202.0	13.38	218.8	15.86	238.4	18.50	259.2	20.82	266.8	21.30	277.2	21.86	285.2	22.25
		88.8	202.0	13.03	218.8	15.54	238.4	18.10	259.2	20.42	266.8	20.94	277.2	21.46	285.2	21.66
		106.5	202.0	12.85	218.8	15.38	238.4	17.90	259.2	20.22	266.8	20.76	277.2	21.26	285.2	21.36
	113	28.4	190.4	16.42	206.4	19.13	225.2	22.29	244.8	25.05	251.6	25.73	261.6	26.36	269.6	26.79
		35.5	190.4	16.10	206.4	18.82	225.2	21.94	244.8	24.65	251.6	25.29	261.6	25.93	269.6	26.37
		71.0	190.4	14.82	206.4	17.58	225.2	20.54	244.8	23.09	251.6	23.57	261.6	24.21	269.6	24.69
		88.8	190.4	14.46	206.4	17.22	225.2	20.06	244.8	22.65	251.6	23.21	261.6	23.77	269.6	24.01
		106.5	190.4	14.28	206.4	17.04	225.2	19.82	244.8	22.44	251.6	23.03	261.6	23.55	269.6	23.67
90	23	18.7	202.0	4.31	218.8	5.00	238.4	5.76	259.2	6.55	266.8	6.72	277.2	6.92	285.2	7.04
	32	21.0	202.0	4.31	218.8	5.00	238.4	5.76	259.2	6.55	266.8	6.72	277.2	6.92	285.2	7.04
	41	24.1	202.0	4.31	218.8	5.00	238.4	5.76	259.2	6.55	266.8	6.72	277.2	6.92	285.2	7.04
	50	28.4	202.0	4.31	218.8	5.00	238.4	5.76	259.2	6.55	266.8	6.72	277.2	6.92	285.2	7.04
		35.5	202.0	4.23	218.8	4.92	238.4	5.68	259.2	6.46	266.8	6.61	277.2	6.81	285.2	6.92
		71.0	202.0	3.93	218.8	4.61	238.4	5.38	259.2	6.08	266.8	6.19	277.2	6.34	285.2	6.46
		88.8	202.0	3.77	218.8	4.54	238.4	5.22	259.2	5.92	266.8	6.07	277.2	6.23	285.2	6.26
		106.5	202.0	3.69	218.8	4.50	238.4	5.14	259.2	5.84	266.8	6.02	277.2	6.17	285.2	6.17

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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COOLING CAPACITY DATA

ARWN288BAS4, ARWB288BAS4

288,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
90	59	28.4	202.0	5.82	218.8	6.78	238.4	7.87	259.2	8.89	266.8	9.09	277.2	9.34	285.2	9.50
		35.5	202.0	5.71	218.8	6.67	238.4	7.75	259.2	8.75	266.8	8.95	277.2	9.19	285.2	9.35
		71.0	202.0	5.27	218.8	6.23	238.4	7.27	259.2	8.19	266.8	8.39	277.2	8.59	285.2	8.75
		88.8	202.0	5.11	218.8	6.11	238.4	7.11	259.2	8.03	266.8	8.23	277.2	8.43	285.2	8.51
		106.5	202.0	5.03	218.8	6.05	238.4	7.03	259.2	7.95	266.8	8.15	277.2	8.35	285.2	8.39
	67	28.4	202.0	7.17	218.8	8.37	238.4	9.75	259.2	10.97	266.8	11.20	277.2	11.49	285.2	11.69
		35.5	202.0	7.03	218.8	8.23	238.4	9.59	259.2	10.79	266.8	11.03	277.2	11.31	285.2	11.51
		71.0	202.0	6.47	218.8	7.67	238.4	8.95	259.2	10.07	266.8	10.35	277.2	10.59	285.2	10.79
		88.8	202.0	6.31	218.8	7.51	238.4	8.79	259.2	9.91	266.8	10.15	277.2	10.39	285.2	10.51
		106.5	202.0	6.23	218.8	7.43	238.4	8.71	259.2	9.83	266.8	10.05	277.2	10.29	285.2	10.37
	75	28.4	202.0	8.76	218.8	10.19	238.4	11.86	259.2	13.36	266.8	13.69	277.2	14.01	285.2	14.30
		35.5	202.0	8.59	218.8	10.03	238.4	11.67	259.2	13.15	266.8	13.46	277.2	13.78	285.2	14.06
		71.0	202.0	7.91	218.8	9.39	238.4	10.91	259.2	12.31	266.8	12.59	277.2	12.91	285.2	13.15
		88.8	202.0	7.67	218.8	9.19	238.4	10.71	259.2	12.07	266.8	12.35	277.2	12.67	285.2	12.83
		106.5	202.0	7.55	218.8	9.09	238.4	10.61	259.2	11.95	266.8	12.23	277.2	12.55	285.2	12.67
	86	28.4	202.0	10.81	218.8	12.55	238.4	14.63	259.2	16.44	266.8	16.85	277.2	17.25	285.2	17.58
		35.5	202.0	10.59	218.8	12.35	238.4	14.38	259.2	16.18	266.8	16.58	277.2	16.98	285.2	17.30
		71.0	202.0	9.71	218.8	11.55	238.4	13.42	259.2	15.14	266.8	15.50	277.2	15.90	285.2	16.18
		88.8	202.0	9.47	218.8	11.31	238.4	13.15	259.2	14.82	266.8	15.22	277.2	15.58	285.2	15.74
		106.5	202.0	9.35	218.8	11.19	238.4	13.01	259.2	14.66	266.8	15.08	277.2	15.42	285.2	15.52
	95	28.4	196.4	11.66	212.8	13.52	232.0	15.75	252.0	17.74	259.6	18.15	269.6	18.59	277.2	18.96
		35.5	196.4	11.43	212.8	13.30	232.0	15.50	252.0	17.46	259.6	17.86	269.6	18.30	277.2	18.66
		71.0	196.4	10.51	212.8	12.47	232.0	14.50	252.0	16.34	259.6	16.70	269.6	17.14	277.2	17.46
		88.8	196.4	10.19	212.8	12.19	232.0	14.18	252.0	16.02	259.6	16.42	269.6	16.82	277.2	16.98
		106.5	196.4	10.03	212.8	12.05	232.0	14.02	252.0	15.86	259.6	16.28	269.6	16.66	277.2	16.74
	104	28.4	190.8	13.37	206.8	15.55	225.2	18.11	244.8	20.39	252.0	20.87	262.0	21.40	269.2	21.76
		35.5	190.8	13.11	206.8	15.30	225.2	17.82	244.8	20.06	252.0	20.54	262.0	21.06	269.2	21.42
		71.0	190.8	12.07	206.8	14.30	225.2	16.66	244.8	18.74	252.0	19.22	262.0	19.70	269.2	20.06
		88.8	190.8	11.71	206.8	13.98	225.2	16.30	244.8	18.38	252.0	18.86	262.0	19.34	269.2	19.54
		106.5	190.8	11.53	206.8	13.83	225.2	16.12	244.8	18.20	252.0	18.68	262.0	19.16	269.2	19.28
	113	28.4	185.2	15.08	200.8	17.59	218.4	20.47	237.6	23.04	244.4	23.59	254.4	24.21	261.2	24.56
		35.5	185.2	14.78	200.8	17.30	218.4	20.14	237.6	22.65	244.4	23.21	254.4	23.81	261.2	24.17
		71.0	185.2	13.62	200.8	16.14	218.4	18.82	237.6	21.14	244.4	21.74	254.4	22.25	261.2	22.65
		88.8	185.2	13.22	200.8	15.78	218.4	18.42	237.6	20.74	244.4	21.30	254.4	21.86	261.2	22.09
		106.5	185.2	13.03	200.8	15.60	218.4	18.22	237.6	20.54	244.4	21.08	254.4	21.66	261.2	21.82
80	23	18.7	179.6	3.61	194.8	4.17	212.0	4.89	230.4	5.56	237.2	5.62	246.4	5.84	253.6	5.86
	32	21.0	179.6	3.61	194.8	4.17	212.0	4.89	230.4	5.56	237.2	5.62	246.4	5.84	253.6	5.86
	41	24.1	179.6	3.61	194.8	4.17	212.0	4.89	230.4	5.56	237.2	5.62	246.4	5.84	253.6	5.86
	50	28.4	179.6	3.61	194.8	4.17	212.0	4.89	230.4	5.56	237.2	5.62	246.4	5.84	253.6	5.86
		35.5	179.6	3.54	194.8	4.11	212.0	4.80	230.4	5.46	237.2	5.53	246.4	5.73	253.6	5.76
		71.0	179.6	3.23	194.8	3.89	212.0	4.45	230.4	5.07	237.2	5.19	246.4	5.30	253.6	5.38
		88.8	179.6	3.15	194.8	3.77	212.0	4.38	230.4	4.91	237.2	5.03	246.4	5.23	253.6	5.31
		106.5	179.6	3.11	194.8	3.71	212.0	4.34	230.4	4.83	237.2	4.95	246.4	5.19	253.6	5.27
	59	28.4	179.6	4.90	194.8	5.68	212.0	6.62	230.4	7.47	237.2	7.63	246.4	7.84	253.6	7.96
		35.5	179.6	4.79	194.8	5.59	212.0	6.51	230.4	7.35	237.2	7.51	246.4	7.71	253.6	7.83
		71.0	179.6	4.40	194.8	5.23	212.0	6.07	230.4	6.87	237.2	7.03	246.4	7.19	253.6	7.31
		88.8	179.6	4.28	194.8	5.11	212.0	5.95	230.4	6.71	237.2	6.87	246.4	7.07	253.6	7.15
		106.5	179.6	4.22	194.8	5.05	212.0	5.89	230.4	6.63	237.2	6.79	246.4	7.01	253.6	7.07
	67	28.4	179.6	6.03	194.8	7.03	212.0	8.16	230.4	9.17	237.2	9.42	246.4	9.62	253.6	9.83
		35.5	179.6	5.91	194.8	6.91	212.0	8.03	230.4	9.03	237.2	9.27	246.4	9.47	253.6	9.67
		71.0	179.6	5.43	194.8	6.43	212.0	7.51	230.4	8.47	237.2	8.67	246.4	8.87	253.6	9.03
		88.8	179.6	5.27	194.8	6.31	212.0	7.35	230.4	8.31	237.2	8.51	246.4	8.71	253.6	8.79
		106.5	179.6	5.19	194.8	6.25	212.0	7.27	230.4	8.23	237.2	8.43	246.4	8.63	253.6	8.67
	75	28.4	179.6	7.33	194.8	8.52	212.0	9.95	230.4	11.21	237.2	11.50	246.4	11.78	253.6	11.98
		35.5	179.6	7.19	194.8	8.39	212.0	9.79	230.4	11.03	237.2	11.31	246.4	11.59	253.6	11.79
		71.0	179.6	6.63	194.8	7.87	212.0	9.15	230.4	10.31	237.2	10.55	246.4	10.83	253.6	11.03
		88.8	179.6	6.43	194.8	7.71	212.0	8.99	230.4	10.11	237.2	10.35	246.4	10.63	253.6	10.75
		106.5	179.6	6.33	194.8	7.63	212.0	8.91	230.4	10.01	237.2	10.25	246.4	10.53	253.6	10.61

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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COOLING CAPACITY DATA

ARWN288BAS4, ARWB288BAS4

288,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
80	86	28.4	179.6	9.05	194.8	10.52	212.0	12.27	230.4	13.82	237.2	14.14	246.4	14.46	253.6	14.75
		35.5	179.6	8.87	194.8	10.35	212.0	12.07	230.4	13.58	237.2	13.90	246.4	14.22	253.6	14.50
		71.0	179.6	8.15	194.8	9.67	212.0	11.27	230.4	12.67	237.2	12.99	246.4	13.30	253.6	13.54
		88.8	179.6	7.91	194.8	9.47	212.0	11.03	230.4	12.43	237.2	12.75	246.4	13.07	253.6	13.19
		106.5	179.6	7.79	194.8	9.37	212.0	10.91	230.4	12.31	237.2	12.63	246.4	12.95	253.6	13.01
	95	28.4	179.6	10.07	194.8	11.70	212.0	13.61	230.4	15.31	237.2	15.67	246.4	16.08	253.6	16.36
		35.5	179.6	9.87	194.8	11.51	212.0	13.38	230.4	15.06	237.2	15.42	246.4	15.82	253.6	16.10
		71.0	179.6	9.07	194.8	10.75	212.0	12.51	230.4	14.10	237.2	14.42	246.4	14.78	253.6	15.06
		88.8	179.6	8.83	194.8	10.51	212.0	12.27	230.4	13.82	237.2	14.14	246.4	14.54	253.6	14.66
		106.5	179.6	8.71	194.8	10.39	212.0	12.15	230.4	13.69	237.2	14.00	246.4	14.42	253.6	14.46
	104	28.4	179.6	11.90	194.8	13.86	212.0	16.12	230.4	18.15	237.2	18.55	246.4	19.04	253.6	19.36
		35.5	179.6	11.67	194.8	13.62	212.0	15.86	230.4	17.86	237.2	18.26	246.4	18.74	253.6	19.06
		71.0	179.6	10.75	194.8	12.71	212.0	14.82	230.4	16.70	237.2	17.10	246.4	17.54	253.6	17.86
		88.8	179.6	10.43	194.8	12.47	212.0	14.50	230.4	16.38	237.2	16.78	246.4	17.18	253.6	17.38
		106.5	179.6	10.27	194.8	12.35	212.0	14.34	230.4	16.22	237.2	16.62	246.4	17.00	253.6	17.14
	113	28.4	179.6	13.73	194.8	16.01	212.0	18.64	230.4	21.00	237.2	21.43	246.4	22.00	253.6	22.36
		35.5	179.6	13.46	194.8	15.74	212.0	18.34	230.4	20.66	237.2	21.10	246.4	21.66	253.6	22.01
		71.0	179.6	12.43	194.8	14.66	212.0	17.14	230.4	19.30	237.2	19.78	246.4	20.30	253.6	20.66
		88.8	179.6	12.03	194.8	14.42	212.0	16.74	230.4	18.94	237.2	19.42	246.4	19.82	253.6	20.10
		106.5	179.6	11.83	194.8	14.30	212.0	16.54	230.4	18.76	237.2	19.24	246.4	19.58	253.6	19.82
70	23	18.7	157.2	3.02	170.4	3.47	185.6	4.11	201.6	4.62	207.6	4.64	215.6	4.81	221.6	4.87
	32	21.0	157.2	3.02	170.4	3.47	185.6	4.11	201.6	4.62	207.6	4.64	215.6	4.81	221.6	4.87
	41	24.1	157.2	3.02	170.4	3.47	185.6	4.11	201.6	4.62	207.6	4.64	215.6	4.81	221.6	4.87
	50	28.4	157.2	3.02	170.4	3.47	185.6	4.11	201.6	4.62	207.6	4.64	215.6	4.81	221.6	4.87
		35.5	157.2	2.96	170.4	3.42	185.6	4.04	201.6	4.54	207.6	4.57	215.6	4.73	221.6	4.80
		71.0	157.2	2.73	170.4	3.23	185.6	3.77	201.6	4.23	207.6	4.31	215.6	4.42	221.6	4.54
		88.8	157.2	2.61	170.4	3.11	185.6	3.65	201.6	4.11	207.6	4.19	215.6	4.35	221.6	4.42
		106.5	157.2	2.55	170.4	3.05	185.6	3.59	201.6	4.05	207.6	4.13	215.6	4.31	221.6	4.37
	59	28.4	157.2	4.08	170.4	4.71	185.6	5.52	201.6	6.21	207.6	6.33	215.6	6.49	221.6	6.61
		35.5	157.2	4.00	170.4	4.63	185.6	5.43	201.6	6.11	207.6	6.23	215.6	6.39	221.6	6.51
		71.0	157.2	3.68	170.4	4.36	185.6	5.07	201.6	5.71	207.6	5.83	215.6	5.99	221.6	6.11
		88.8	157.2	3.56	170.4	4.24	185.6	4.95	201.6	5.59	207.6	5.71	215.6	5.87	221.6	5.95
		106.5	157.2	3.50	170.4	4.18	185.6	4.89	201.6	5.53	207.6	5.65	215.6	5.81	221.6	5.87
	67	28.4	157.2	5.02	170.4	5.80	185.6	6.78	201.6	7.63	207.6	7.84	215.6	7.99	221.6	8.16
		35.5	157.2	4.91	170.4	5.71	185.6	6.67	201.6	7.51	207.6	7.71	215.6	7.87	221.6	8.03
		71.0	157.2	4.51	170.4	5.35	185.6	6.23	201.6	7.03	207.6	7.19	215.6	7.39	221.6	7.51
		88.8	157.2	4.40	170.4	5.23	185.6	6.11	201.6	6.91	207.6	7.07	215.6	7.23	221.6	7.31
		106.5	157.2	4.34	170.4	5.17	185.6	6.05	201.6	6.85	207.6	7.01	215.6	7.15	221.6	7.21
	75	28.4	157.2	6.11	170.4	7.10	185.6	8.28	201.6	9.34	207.6	9.54	215.6	9.79	221.6	9.95
		35.5	157.2	5.99	170.4	6.99	185.6	8.15	201.6	9.19	207.6	9.39	215.6	9.63	221.6	9.79
		71.0	157.2	5.51	170.4	6.55	185.6	7.63	201.6	8.59	207.6	8.79	215.6	8.99	221.6	9.15
		88.8	157.2	5.35	170.4	6.39	185.6	7.47	201.6	8.39	207.6	8.63	215.6	8.83	221.6	8.91
		106.5	157.2	5.27	170.4	6.31	185.6	7.39	201.6	8.29	207.6	8.55	215.6	8.75	221.6	8.79
	86	28.4	157.2	7.54	170.4	8.73	185.6	10.20	201.6	11.45	207.6	11.74	215.6	12.02	221.6	12.22
		35.5	157.2	7.39	170.4	8.59	185.6	10.03	201.6	11.27	207.6	11.55	215.6	11.83	221.6	12.03
		71.0	157.2	6.79	170.4	8.03	185.6	9.35	201.6	10.55	207.6	10.79	215.6	11.07	221.6	11.27
		88.8	157.2	6.59	170.4	7.87	185.6	9.19	201.6	10.35	207.6	10.59	215.6	10.87	221.6	10.99
		106.5	157.2	6.49	170.4	7.79	185.6	9.11	201.6	10.25	207.6	10.49	215.6	10.77	221.6	10.85
	95	28.4	157.2	8.35	170.4	9.70	185.6	11.34	201.6	12.76	207.6	13.04	215.6	13.36	221.6	13.60
		35.5	157.2	8.19	170.4	9.55	185.6	11.15	201.6	12.55	207.6	12.83	215.6	13.15	221.6	13.38
		71.0	157.2	7.55	170.4	8.95	185.6	10.39	201.6	11.71	207.6	11.99	215.6	12.31	221.6	12.55
		88.8	157.2	7.31	170.4	8.75	185.6	10.19	201.6	11.51	207.6	11.79	215.6	12.07	221.6	12.19
		106.5	157.2	7.19	170.4	8.65	185.6	10.09	201.6	11.41	207.6	11.69	215.6	11.95	221.6	12.01
	104	28.4	157.2	9.91	170.4	11.49	185.6	13.41	201.6	15.07	207.6	15.42	215.6	15.83	221.6	16.12
		35.5	157.2	9.71	170.4	11.31	185.6	13.19	201.6	14.82	207.6	15.18	215.6	15.58	221.6	15.86
		71.0	157.2	8.91	170.4	10.59	185.6	12.31	201.6	13.86	207.6	14.22	215.6	14.58	221.6	14.82
		88.8	157.2	8.67	170.4	10.35	185.6	12.07	201.6	13.62	207.6	13.94	215.6	14.30	221.6	14.46
		106.5	157.2	8.55	170.4	10.23	185.6	11.95	201.6	13.51	207.6	13.80	215.6	14.16	221.6	14.28

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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COOLING CAPACITY DATA

ARWN288BAS4, ARWB288BAS4

288,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

MULTI V WATER IV

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
70	113	28.4	157.2	11.47	170.4	13.28	185.6	15.47	201.6	17.37	207.6	17.81	215.6	18.31	221.6	18.65
		35.5	157.2	11.23	170.4	13.07	185.6	15.22	201.6	17.10	207.6	17.54	215.6	18.02	221.6	18.34
		71.0	157.2	10.27	170.4	12.23	185.6	14.22	201.6	16.02	207.6	16.46	215.6	16.86	221.6	17.10
		88.8	157.2	10.03	170.4	11.95	185.6	13.94	201.6	15.74	207.6	16.10	215.6	16.54	221.6	16.74
		106.5	157.2	9.91	170.4	11.81	185.6	13.80	201.6	15.60	207.6	15.92	215.6	16.38	221.6	16.56
60	23	18.7	134.8	2.45	146.0	2.82	158.8	3.25	172.8	3.67	178.0	3.77	184.8	3.89	190.0	3.90
	32	21.0	134.8	2.45	146.0	2.82	158.8	3.25	172.8	3.67	178.0	3.77	184.8	3.89	190.0	3.90
	41	24.1	134.8	2.45	146.0	2.82	158.8	3.25	172.8	3.67	178.0	3.77	184.8	3.89	190.0	3.90
	50	28.4	134.8	2.45	146.0	2.82	158.8	3.25	172.8	3.67	178.0	3.77	184.8	3.89	190.0	3.90
		35.5	134.8	2.39	146.0	2.77	158.8	3.19	172.8	3.62	178.0	3.69	184.8	3.81	190.0	3.85
		71.0	134.8	2.15	146.0	2.58	158.8	2.96	172.8	3.39	178.0	3.38	184.8	3.50	190.0	3.62
		88.8	134.8	2.07	146.0	2.50	158.8	2.92	172.8	3.31	178.0	3.34	184.8	3.42	190.0	3.46
		106.5	134.8	2.03	146.0	2.46	158.8	2.90	172.8	3.27	178.0	3.32	184.8	3.38	190.0	3.38
	59	28.4	134.8	3.27	146.0	3.78	158.8	4.39	172.8	4.96	178.0	5.09	184.8	5.21	190.0	5.27
		35.5	134.8	3.20	146.0	3.72	158.8	4.32	172.8	4.87	178.0	4.99	184.8	5.11	190.0	5.19
		71.0	134.8	2.92	146.0	3.48	158.8	4.04	172.8	4.55	178.0	4.63	184.8	4.75	190.0	4.87
		88.8	134.8	2.84	146.0	3.40	158.8	3.96	172.8	4.47	178.0	4.55	184.8	4.67	190.0	4.71
		106.5	134.8	2.80	146.0	3.36	158.8	3.92	172.8	4.44	178.0	4.52	184.8	4.63	190.0	4.64
	67	28.4	134.8	4.00	146.0	4.63	158.8	5.39	172.8	6.09	178.0	6.25	184.8	6.37	190.0	6.49
		35.5	134.8	3.92	146.0	4.55	158.8	5.31	172.8	5.99	178.0	6.15	184.8	6.27	190.0	6.39
		71.0	134.8	3.60	146.0	4.28	158.8	4.99	172.8	5.59	178.0	5.75	184.8	5.87	190.0	5.99
		88.8	134.8	3.52	146.0	4.20	158.8	4.87	172.8	5.51	178.0	5.63	184.8	5.79	190.0	5.83
		106.5	134.8	3.48	146.0	4.16	158.8	4.81	172.8	5.47	178.0	5.57	184.8	5.75	190.0	5.75
	75	28.4	134.8	4.90	146.0	5.64	158.8	6.57	172.8	7.43	178.0	7.59	184.8	7.79	190.0	7.91
		35.5	134.8	4.79	146.0	5.55	158.8	6.47	172.8	7.31	178.0	7.47	184.8	7.67	190.0	7.79
		71.0	134.8	4.40	146.0	5.19	158.8	6.07	172.8	6.83	178.0	6.99	184.8	7.19	190.0	7.31
		88.8	134.8	4.28	146.0	5.11	158.8	5.95	172.8	6.71	178.0	6.87	184.8	7.03	190.0	7.11
		106.5	134.8	4.22	146.0	5.07	158.8	5.89	172.8	6.65	178.0	6.81	184.8	6.95	190.0	7.01
	86	28.4	134.8	5.99	146.0	6.99	158.8	8.12	172.8	9.14	178.0	9.34	184.8	9.58	190.0	9.74
		35.5	134.8	5.87	146.0	6.87	158.8	7.99	172.8	8.99	178.0	9.19	184.8	9.43	190.0	9.59
		71.0	134.8	5.39	146.0	6.39	158.8	7.47	172.8	8.39	178.0	8.59	184.8	8.83	190.0	8.99
		88.8	134.8	5.27	146.0	6.27	158.8	7.31	172.8	8.23	178.0	8.43	184.8	8.67	190.0	8.75
		106.5	134.8	5.21	146.0	6.21	158.8	7.23	172.8	8.15	178.0	8.35	184.8	8.59	190.0	8.63
	95	28.4	134.8	6.64	146.0	7.76	158.8	9.01	172.8	10.15	178.0	10.40	184.8	10.63	190.0	10.84
		35.5	134.8	6.51	146.0	7.63	158.8	8.87	172.8	9.99	178.0	10.23	184.8	10.47	190.0	10.67
		71.0	134.8	5.99	146.0	7.11	158.8	8.31	172.8	9.35	178.0	9.55	184.8	9.83	190.0	9.99
		88.8	134.8	5.83	146.0	6.95	158.8	8.11	172.8	9.15	178.0	9.39	184.8	9.63	190.0	9.71
		106.5	134.8	5.75	146.0	6.87	158.8	8.01	172.8	9.05	178.0	9.31	184.8	9.53	190.0	9.57
	104	28.4	134.8	7.91	146.0	9.18	158.8	10.68	172.8	12.02	178.0	12.31	184.8	12.63	190.0	12.83
		35.5	134.8	7.75	146.0	9.03	158.8	10.51	172.8	11.83	178.0	12.11	184.8	12.43	190.0	12.63
		71.0	134.8	7.11	146.0	8.43	158.8	9.83	172.8	11.07	178.0	11.31	184.8	11.63	190.0	11.83
		88.8	134.8	6.91	146.0	8.27	158.8	9.63	172.8	10.83	178.0	11.11	184.8	11.39	190.0	11.51
		106.5	134.8	6.81	146.0	8.19	158.8	9.53	172.8	10.71	178.0	11.01	184.8	11.27	190.0	11.35
	113	28.4	134.8	9.18	146.0	10.60	158.8	12.35	172.8	13.89	178.0	14.22	184.8	14.63	190.0	14.82
		35.5	134.8	8.99	146.0	10.43	158.8	12.15	172.8	13.66	178.0	13.98	184.8	14.38	190.0	14.58
		71.0	134.8	8.23	146.0	9.75	158.8	11.35	172.8	12.79	178.0	13.07	184.8	13.42	190.0	13.66
		88.8	134.8	7.99	146.0	9.59	158.8	11.15	172.8	12.51	178.0	12.83	184.8	13.15	190.0	13.30
		106.5	134.8	7.87	146.0	9.51	158.8	11.05	172.8	12.37	178.0	12.71	184.8	13.01	190.0	13.13
50	23	18.7	112.4	1.75	121.6	2.07	132.4	2.49	144.0	2.74	148.4	2.76	154.0	2.86	158.4	2.94
	32	21.0	112.4	1.75	121.6	2.07	132.4	2.49	144.0	2.74	148.4	2.76	154.0	2.86	158.4	2.94
	41	24.1	112.4	1.75	121.6	2.07	132.4	2.49	144.0	2.74	148.4	2.76	154.0	2.86	158.4	2.94
	50	28.4	112.4	1.75	121.6	2.07	132.4	2.49	144.0	2.74	148.4	2.76	154.0	2.86	158.4	2.94
		35.5	112.4	1.73	121.6	2.04	132.4	2.43	144.0	2.69	148.4	2.73	154.0	2.81	158.4	2.89
		71.0	112.4	1.66	121.6	1.92	132.4	2.19	144.0	2.50	148.4	2.58	154.0	2.61	158.4	2.69
		88.8	112.4	1.58	121.6	1.84	132.4	2.19	144.0	2.42	148.4	2.50	154.0	2.53	158.4	2.57
		106.5	112.4	1.54	121.6	1.80	132.4	2.19	144.0	2.38	148.4	2.46	154.0	2.49	158.4	2.51
	59	28.4	112.4	2.40	121.6	2.80	132.4	3.30	144.0	3.70	148.4	3.78	154.0	3.86	158.4	3.94
		35.5	112.4	2.36	121.6	2.76	132.4	3.24	144.0	3.64	148.4	3.72	154.0	3.80	158.4	3.88
		71.0	112.4	2.20	121.6	2.60	132.4	3.00	144.0	3.40	148.4	3.48	154.0	3.56	158.4	3.64
		88.8	112.4	2.12	121.6	2.52	132.4	2.96	144.0	3.32	148.4	3.40	154.0	3.48	158.4	3.52
		106.5	112.4	2.08	121.6	2.48	132.4	2.94	144.0	3.28	148.4	3.36	154.0	3.44	158.4	3.46

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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LG

MULTI V WATER IV

COOLING CAPACITY DATA

ARWN288BAS4, ARWB288BAS4

288,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
50	67	28.4	112.4	2.98	121.6	3.45	132.4	4.02	144.0	4.55	148.4	4.68	154.0	4.75	158.4	4.83
		35.5	112.4	2.92	121.6	3.40	132.4	3.96	144.0	4.47	148.4	4.59	154.0	4.67	158.4	4.75
		71.0	112.4	2.68	121.6	3.20	132.4	3.72	144.0	4.20	148.4	4.28	154.0	4.40	158.4	4.47
		88.8	112.4	2.60	121.6	3.12	132.4	3.64	144.0	4.12	148.4	4.20	154.0	4.32	158.4	4.36
		106.5	112.4	2.56	121.6	3.08	132.4	3.60	144.0	4.08	148.4	4.16	154.0	4.28	158.4	4.30
	75	28.4	112.4	3.63	121.6	4.23	132.4	4.92	144.0	5.51	148.4	5.68	154.0	5.80	158.4	5.93
		35.5	112.4	3.56	121.6	4.16	132.4	4.83	144.0	5.43	148.4	5.59	154.0	5.71	158.4	5.83
		71.0	112.4	3.28	121.6	3.88	132.4	4.51	144.0	5.11	148.4	5.23	154.0	5.35	158.4	5.43
		88.8	112.4	3.20	121.6	3.80	132.4	4.43	144.0	4.99	148.4	5.11	154.0	5.23	158.4	5.31
		106.5	112.4	3.16	121.6	3.76	132.4	4.40	144.0	4.93	148.4	5.05	154.0	5.17	158.4	5.25
	86	28.4	112.4	4.49	121.6	5.19	132.4	6.05	144.0	6.82	148.4	6.98	154.0	7.14	158.4	7.26
		35.5	112.4	4.40	121.6	5.11	132.4	5.95	144.0	6.71	148.4	6.87	154.0	7.03	158.4	7.15
		71.0	112.4	4.04	121.6	4.79	132.4	5.55	144.0	6.27	148.4	6.43	154.0	6.59	158.4	6.71
		88.8	112.4	3.92	121.6	4.67	132.4	5.43	144.0	6.15	148.4	6.31	154.0	6.47	158.4	6.51
		106.5	112.4	3.86	121.6	4.62	132.4	5.37	144.0	6.09	148.4	6.25	154.0	6.41	158.4	6.41
	95	28.4	112.4	4.98	121.6	5.76	132.4	6.74	144.0	7.55	148.4	7.76	154.0	7.96	158.4	8.08
		35.5	112.4	4.87	121.6	5.67	132.4	6.63	144.0	7.43	148.4	7.63	154.0	7.83	158.4	7.95
		71.0	112.4	4.47	121.6	5.31	132.4	6.19	144.0	6.95	148.4	7.11	154.0	7.31	158.4	7.43
		88.8	112.4	4.36	121.6	5.19	132.4	6.07	144.0	6.83	148.4	6.99	154.0	7.19	158.4	7.23
		106.5	112.4	4.30	121.6	5.13	132.4	6.01	144.0	6.77	148.4	6.93	154.0	7.13	158.4	7.13
	104	28.4	112.4	5.86	121.6	6.82	132.4	7.96	144.0	8.98	148.4	9.18	154.0	9.42	158.4	9.58
		35.5	112.4	5.75	121.6	6.71	132.4	7.83	144.0	8.83	148.4	9.03	154.0	9.27	158.4	9.43
		71.0	112.4	5.31	121.6	6.27	132.4	7.31	144.0	8.23	148.4	8.43	154.0	8.67	158.4	8.83
		88.8	112.4	5.15	121.6	6.15	132.4	7.19	144.0	8.07	148.4	8.27	154.0	8.51	158.4	8.59
		106.5	112.4	5.07	121.6	6.09	132.4	7.13	144.0	7.99	148.4	8.19	154.0	8.43	158.4	8.47
	113	28.4	112.4	6.75	121.6	7.88	132.4	9.18	144.0	10.41	148.4	10.60	154.0	10.88	158.4	11.08
		35.5	112.4	6.63	121.6	7.75	132.4	9.03	144.0	10.23	148.4	10.43	154.0	10.71	158.4	10.91
		71.0	112.4	6.15	121.6	7.23	132.4	8.43	144.0	9.51	148.4	9.75	154.0	10.03	158.4	10.23
		88.8	112.4	5.95	121.6	7.11	132.4	8.31	144.0	9.31	148.4	9.55	154.0	9.83	158.4	9.95
		106.5	112.4	5.85	121.6	7.05	132.4	8.25	144.0	9.21	148.4	9.45	154.0	9.73	158.4	9.81

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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COOLING CAPACITY DATA

ARWN336BAS4, ARWB336BAS4

336,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet water Temp. (°F)	Water flow rate [gpm]	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]
130	23	22.8	311.8	6.5	338.0	7.6	368.9	8.9	400.2	10.0	411.8	10.3	428.2	10.5	439.9	10.6
	32	25.6	311.8	6.5	338.0	7.6	368.9	8.9	400.2	10.0	411.8	10.3	428.2	10.5	439.9	10.6
	41	29.4	311.8	6.5	338.0	7.6	368.9	8.9	400.2	10.0	411.8	10.3	428.2	10.5	439.9	10.6
	50	34.6	311.8	6.5	338.0	7.6	368.9	8.9	400.2	10.0	411.8	10.3	428.2	10.5	439.9	10.6
		43.1	311.8	6.4	338.0	7.5	368.9	8.8	400.2	9.9	411.8	10.1	428.2	10.3	439.9	10.5
		86.2	311.8	5.9	338.0	7.1	368.9	8.2	400.2	9.2	411.8	9.4	428.2	9.7	439.9	9.9
		107.8	311.8	5.8	338.0	6.9	368.9	8.0	400.2	9.0	411.8	9.3	428.2	9.5	439.9	9.7
		129.3	311.8	5.7	338.0	6.8	368.9	8.0	400.2	8.9	411.8	9.2	428.2	9.4	439.9	9.5
	59	34.6	307.1	8.6	332.7	10.0	362.6	11.7	393.9	13.2	405.5	13.5	421.4	13.8	433.1	14.0
		43.1	307.1	8.5	332.7	9.9	362.6	11.5	393.9	13.0	405.5	13.3	421.4	13.6	433.1	13.8
		86.2	307.1	7.8	332.7	9.2	362.6	10.8	393.9	12.1	405.5	12.4	421.4	12.7	433.1	13.0
		107.8	307.1	7.6	332.7	9.0	362.6	10.5	393.9	11.9	405.5	12.2	421.4	12.5	433.1	12.7
		129.3	307.1	7.5	332.7	8.9	362.6	10.4	393.9	11.7	405.5	12.1	421.4	12.3	433.1	12.5
	67	34.6	302.9	10.5	328.1	12.1	357.0	14.2	388.3	16.0	399.9	16.3	415.3	16.7	427.0	17.0
		43.1	302.9	10.3	328.1	11.9	357.0	13.9	388.3	15.7	399.9	16.1	415.3	16.5	427.0	16.8
		86.2	302.9	9.4	328.1	11.2	357.0	13.0	388.3	14.7	399.9	15.0	415.3	15.4	427.0	15.8
		107.8	302.9	9.2	328.1	10.9	357.0	12.7	388.3	14.4	399.9	14.7	415.3	15.1	427.0	15.4
		129.3	302.9	9.0	328.1	10.8	357.0	12.6	388.3	14.2	399.9	14.6	415.3	15.0	427.0	15.2
	75	34.6	302.9	12.9	328.1	15.0	357.0	17.4	388.3	19.7	399.9	20.1	415.3	20.6	427.0	21.0
		43.1	302.9	12.7	328.1	14.7	357.0	17.2	388.3	19.3	399.9	19.8	415.3	20.3	427.0	20.7
		86.2	302.9	11.6	328.1	13.8	357.0	16.1	388.3	18.1	399.9	18.5	415.3	19.0	427.0	19.4
		107.8	302.9	11.3	328.1	13.5	357.0	15.8	388.3	17.7	399.9	18.2	415.3	18.7	427.0	19.0
		129.3	302.9	11.2	328.1	13.3	357.0	15.6	388.3	17.6	399.9	18.0	415.3	18.5	427.0	18.8
	86	34.6	302.9	15.5	328.1	18.0	357.0	21.0	388.3	23.6	399.9	24.1	415.3	24.8	427.0	25.1
		43.1	302.9	15.2	328.1	17.7	357.0	20.6	388.3	23.2	399.9	23.8	415.3	24.4	427.0	24.8
		86.2	302.9	13.9	328.1	16.5	357.0	19.3	388.3	21.7	399.9	22.3	415.3	22.8	427.0	23.3
		107.8	302.9	13.6	328.1	16.2	357.0	18.9	388.3	21.3	399.9	21.9	415.3	22.4	427.0	22.8
		129.3	302.9	13.4	328.1	16.0	357.0	18.7	388.3	21.1	399.9	21.7	415.3	22.2	427.0	22.5
	95	34.6	272.5	15.7	294.9	18.2	321.5	21.2	349.5	23.9	359.8	24.4	373.8	25.0	384.1	25.5
		43.1	272.5	15.4	294.9	17.9	321.5	20.8	349.5	23.5	359.8	24.0	373.8	24.6	384.1	25.1
		86.2	272.5	14.1	294.9	16.7	321.5	19.5	349.5	21.9	359.8	22.5	373.8	23.1	384.1	23.5
		107.8	272.5	13.7	294.9	16.4	321.5	19.1	349.5	21.5	359.8	22.1	373.8	22.7	384.1	23.1
		129.3	272.5	13.5	294.9	16.2	321.5	18.9	349.5	21.3	359.8	21.9	373.8	22.4	384.1	22.8
	104	34.6	242.2	16.5	262.3	19.2	285.6	22.3	310.3	25.2	319.7	25.8	332.3	26.4	341.6	26.9
		43.1	242.2	16.2	262.3	18.9	285.6	22.0	310.3	24.8	319.7	25.4	332.3	26.0	341.6	26.5
		86.2	242.2	14.9	262.3	17.7	285.6	20.6	310.3	23.1	319.7	23.7	332.3	24.4	341.6	24.9
		107.8	242.2	14.5	262.3	17.3	285.6	20.1	310.3	22.7	319.7	23.3	332.3	23.9	341.6	24.3
		129.3	242.2	14.3	262.3	17.1	285.6	19.9	310.3	22.5	319.7	23.1	332.3	23.7	341.6	24.0
	113	34.6	211.9	17.4	229.6	20.2	249.7	23.5	271.1	26.5	279.5	27.1	290.7	27.7	299.1	28.2
		43.1	211.9	17.0	229.6	19.9	249.7	23.1	271.1	26.1	279.5	26.7	290.7	27.3	299.1	27.8
		86.2	211.9	15.6	229.6	18.6	249.7	21.6	271.1	24.3	279.5	24.9	290.7	25.7	299.1	26.2
		107.8	211.9	15.2	229.6	18.1	249.7	21.2	271.1	23.9	279.5	24.5	290.7	25.1	299.1	25.5
		129.3	211.9	15.0	229.6	17.9	249.7	20.9	271.1	23.7	279.5	24.3	290.7	24.9	299.1	25.2

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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COOLING CAPACITY DATA

ARWN336BAS4, ARWB336BAS4

336,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet water Temp. (°F)	Water flow rate [gpm]	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]
120	23	22.8	295.3	6.2	320.1	7.2	348.1	8.5	378.9	9.5	390.7	9.8	405.6	10.0	416.8	10.2
	32	25.6	295.3	6.2	320.1	7.2	348.1	8.5	378.9	9.5	390.7	9.8	405.6	10.0	416.8	10.2
	41	29.4	295.3	6.2	320.1	7.2	348.1	8.5	378.9	9.5	390.7	9.8	405.6	10.0	416.8	10.2
	50	34.6	295.3	6.2	320.1	7.2	348.1	8.5	378.9	9.5	390.7	9.8	405.6	10.0	416.8	10.2
		43.1	295.3	6.1	320.1	7.1	348.1	8.3	378.9	9.4	390.7	9.6	405.6	9.8	416.8	10.0
		86.2	295.3	5.6	320.1	6.6	348.1	7.7	378.9	8.8	390.7	8.9	405.6	9.2	416.8	9.3
		107.8	295.3	5.5	320.1	6.5	348.1	7.6	378.9	8.6	390.7	8.8	405.6	9.0	416.8	9.1
		129.3	295.3	5.5	320.1	6.4	348.1	7.6	378.9	8.5	390.7	8.7	405.6	8.9	416.8	9.1
	59	34.6	292.1	8.3	316.4	9.6	344.4	11.2	374.7	12.6	385.9	12.9	400.9	13.2	412.1	13.4
		43.1	292.1	8.1	316.4	9.4	344.4	11.0	374.7	12.4	385.9	12.7	400.9	13.0	412.1	13.2
		86.2	292.1	7.4	316.4	8.8	344.4	10.3	374.7	11.6	385.9	11.9	400.9	12.2	412.1	12.4
		107.8	292.1	7.3	316.4	8.6	344.4	10.1	374.7	11.4	385.9	11.6	400.9	11.9	412.1	12.1
		129.3	292.1	7.2	316.4	8.5	344.4	10.0	374.7	11.3	385.9	11.5	400.9	11.8	412.1	12.0
	67	34.6	289.3	10.1	313.1	11.7	341.1	13.6	371.0	15.3	381.7	15.7	396.7	16.1	407.9	16.4
		43.1	289.3	9.9	313.1	11.5	341.1	13.4	371.0	15.1	381.7	15.4	396.7	15.8	407.9	16.1
		86.2	289.3	9.1	313.1	10.8	341.1	12.5	371.0	14.1	381.7	14.5	396.7	14.8	407.9	15.1
		107.8	289.3	8.8	313.1	10.5	341.1	12.3	371.0	13.9	381.7	14.2	396.7	14.6	407.9	14.8
		129.3	289.3	8.7	313.1	10.4	341.1	12.1	371.0	13.7	381.7	14.1	396.7	14.4	407.9	14.6
	75	34.6	289.3	12.4	313.1	14.3	341.1	16.7	371.0	18.8	381.7	19.3	396.7	19.8	407.9	20.1
		43.1	289.3	12.1	313.1	14.1	341.1	16.5	371.0	18.5	381.7	19.0	396.7	19.5	407.9	19.8
		86.2	289.3	11.2	313.1	13.2	341.1	15.4	371.0	17.3	381.7	17.7	396.7	18.2	407.9	18.6
		107.8	289.3	10.8	313.1	12.9	341.1	15.1	371.0	17.0	381.7	17.4	396.7	17.9	407.9	18.1
		129.3	289.3	10.7	313.1	12.8	341.1	14.9	371.0	16.8	381.7	17.3	396.7	17.7	407.9	17.9
	86	34.6	289.3	14.9	313.1	17.4	341.1	20.2	371.0	22.8	381.7	23.3	396.7	23.9	407.9	24.3
		43.1	289.3	14.6	313.1	17.1	341.1	19.9	371.0	22.4	381.7	23.0	396.7	23.5	407.9	23.9
		86.2	289.3	13.5	313.1	16.0	341.1	18.6	371.0	21.0	381.7	21.5	396.7	22.0	407.9	22.5
		107.8	289.3	13.1	313.1	15.6	341.1	18.2	371.0	20.5	381.7	21.1	396.7	21.6	407.9	21.9
		129.3	289.3	12.9	313.1	15.4	341.1	18.0	371.0	20.3	381.7	20.9	396.7	21.4	407.9	21.7
	95	34.6	264.6	15.3	286.5	17.8	312.2	20.7	339.3	23.3	349.5	23.9	363.1	24.5	373.3	24.9
		43.1	264.6	15.0	286.5	17.5	312.2	20.4	339.3	23.0	349.5	23.5	363.1	24.1	373.3	24.6
		86.2	264.6	13.8	286.5	16.4	312.2	19.1	339.3	21.5	349.5	22.0	363.1	22.6	373.3	23.0
		107.8	264.6	13.5	286.5	16.0	312.2	18.7	339.3	21.1	349.5	21.6	363.1	22.2	373.3	22.5
		129.3	264.6	13.3	286.5	15.8	312.2	18.5	339.3	20.8	349.5	21.4	363.1	21.9	373.3	22.2
	104	34.6	240.3	16.5	259.9	19.2	283.3	22.3	308.0	25.1	316.9	25.7	329.5	26.3	338.8	26.8
		43.1	240.3	16.2	259.9	18.9	283.3	21.9	308.0	24.7	316.9	25.3	329.5	25.9	338.8	26.4
		86.2	240.3	14.9	259.9	17.6	283.3	20.5	308.0	23.1	316.9	23.7	329.5	24.3	338.8	24.8
		107.8	240.3	14.5	259.9	17.3	283.3	20.1	308.0	22.7	316.9	23.2	329.5	23.9	338.8	24.2
		129.3	240.3	14.3	259.9	17.1	283.3	19.9	308.0	22.4	316.9	23.0	329.5	23.6	338.8	23.9
	113	34.6	216.1	17.6	233.3	20.5	254.3	23.9	276.7	26.9	284.2	27.5	295.9	28.2	304.3	28.7
		43.1	216.1	17.3	233.3	20.2	254.3	23.5	276.7	26.5	284.2	27.1	295.9	27.7	304.3	28.3
		86.2	216.1	15.9	233.3	18.9	254.3	22.0	276.7	24.8	284.2	25.3	295.9	26.0	304.3	26.6
		107.8	216.1	15.5	233.3	18.5	254.3	21.6	276.7	24.2	284.2	24.9	295.9	25.5	304.3	25.9
		129.3	216.1	15.3	233.3	18.3	254.3	21.4	276.7	24.0	284.2	24.6	295.9	25.3	304.3	25.6

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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COOLING CAPACITY DATA

ARWN336BAS4, ARWB336BAS4

336,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet water Temp. (°F)	Water flow rate [gpm]	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]
110	23	22.8	278.8	5.9	301.6	6.9	328.2	7.9	357.2	9.0	368.0	9.1	383.0	9.4	392.7	9.5
	32	25.6	278.8	5.9	301.6	6.9	328.2	7.9	357.2	9.0	368.0	9.1	383.0	9.4	392.7	9.5
	41	29.4	278.8	5.9	301.6	6.9	328.2	7.9	357.2	9.0	368.0	9.1	383.0	9.4	392.7	9.5
	50	34.6	278.8	5.9	301.6	6.9	328.2	7.9	357.2	9.0	368.0	9.1	383.0	9.4	392.7	9.5
		43.1	278.8	5.8	301.6	6.7	328.2	7.8	357.2	8.8	368.0	9.0	383.0	9.3	392.7	9.4
		86.2	278.8	5.3	301.6	6.3	328.2	7.3	357.2	8.3	368.0	8.5	383.0	8.6	392.7	8.8
		107.8	278.8	5.2	301.6	6.1	328.2	7.2	357.2	8.1	368.0	8.3	383.0	8.4	392.7	8.7
		129.3	278.8	5.1	301.6	6.1	328.2	7.1	357.2	8.0	368.0	8.2	383.0	8.3	392.7	8.6
	59	34.6	277.2	7.9	300.1	9.2	326.7	10.7	355.1	12.0	365.9	12.3	380.3	12.6	390.6	12.8
		43.1	277.2	7.7	300.1	9.0	326.7	10.5	355.1	11.8	365.9	12.1	380.3	12.4	390.6	12.6
		86.2	277.2	7.1	300.1	8.4	326.7	9.8	355.1	11.1	365.9	11.3	380.3	11.6	390.6	11.8
		107.8	277.2	6.9	300.1	8.2	326.7	9.6	355.1	10.8	365.9	11.1	380.3	11.4	390.6	11.5
		129.3	277.2	6.8	300.1	8.1	326.7	9.5	355.1	10.7	365.9	11.0	380.3	11.3	390.6	11.4
	67	34.6	275.8	9.7	298.7	11.3	325.3	13.1	353.3	14.7	364.0	15.1	378.0	15.4	388.7	15.7
		43.1	275.8	9.5	298.7	11.1	325.3	12.9	353.3	14.5	364.0	14.8	378.0	15.2	388.7	15.5
		86.2	275.8	8.7	298.7	10.3	325.3	12.0	353.3	13.5	364.0	13.9	378.0	14.2	388.7	14.5
		107.8	275.8	8.5	298.7	10.1	325.3	11.8	353.3	13.3	364.0	13.6	378.0	14.0	388.7	14.1
		129.3	275.8	8.3	298.7	10.0	325.3	11.6	353.3	13.1	364.0	13.5	378.0	13.9	388.7	13.9
	75	34.6	275.8	11.8	298.7	13.8	325.3	16.0	353.3	18.0	364.0	18.4	378.0	18.9	388.7	19.2
		43.1	275.8	11.6	298.7	13.5	325.3	15.8	353.3	17.7	364.0	18.1	378.0	18.6	388.7	18.9
		86.2	275.8	10.7	298.7	12.7	325.3	14.7	353.3	16.6	364.0	17.0	378.0	17.4	388.7	17.7
		107.8	275.8	10.4	298.7	12.4	325.3	14.4	353.3	16.2	364.0	16.7	378.0	17.1	388.7	17.3
		129.3	275.8	10.2	298.7	12.3	325.3	14.3	353.3	16.1	364.0	16.5	378.0	16.9	388.7	17.1
	86	34.6	275.8	14.4	298.7	16.8	325.3	19.5	353.3	22.0	364.0	22.5	378.0	23.1	388.7	23.5
		43.1	275.8	14.1	298.7	16.5	325.3	19.2	353.3	21.6	364.0	22.1	378.0	22.7	388.7	23.1
		86.2	275.8	13.0	298.7	15.4	325.3	18.0	353.3	20.2	364.0	20.7	378.0	21.2	388.7	21.6
		107.8	275.8	12.7	298.7	15.1	325.3	17.6	353.3	19.8	364.0	20.3	378.0	20.8	388.7	21.1
		129.3	275.8	12.5	298.7	14.9	325.3	17.4	353.3	19.6	364.0	20.1	378.0	20.6	388.7	20.8
	95	34.6	256.7	15.0	278.1	17.4	302.9	20.3	329.5	22.8	339.3	23.4	352.3	24.0	362.1	24.4
		43.1	256.7	14.7	278.1	17.1	302.9	20.0	329.5	22.5	339.3	23.0	352.3	23.6	362.1	24.0
		86.2	256.7	13.5	278.1	16.0	302.9	18.7	329.5	21.0	339.3	21.5	352.3	22.1	362.1	22.5
		107.8	256.7	13.1	278.1	15.7	302.9	18.3	329.5	20.6	339.3	21.1	352.3	21.7	362.1	21.9
		129.3	256.7	13.0	278.1	15.5	302.9	18.1	329.5	20.4	339.3	20.9	352.3	21.5	362.1	21.7
	104	34.6	238.0	16.5	257.6	19.1	280.9	22.3	305.2	25.1	314.1	25.7	326.7	26.3	335.5	26.8
		43.1	238.0	16.2	257.6	18.8	280.9	21.9	305.2	24.7	314.1	25.3	326.7	25.9	335.5	26.4
		86.2	238.0	14.8	257.6	17.6	280.9	20.5	305.2	23.1	314.1	23.6	326.7	24.2	335.5	24.7
		107.8	238.0	14.4	257.6	17.2	280.9	20.1	305.2	22.7	314.1	23.2	326.7	23.8	335.5	24.1
		129.3	238.0	14.2	257.6	17.0	280.9	19.9	305.2	22.4	314.1	23.0	326.7	23.6	335.5	23.8
	113	34.6	219.3	18.0	237.1	20.8	259.0	24.4	280.9	27.3	288.9	28.0	301.0	28.6	308.9	29.2
		43.1	219.3	17.6	237.1	20.5	259.0	23.9	280.9	26.9	288.9	27.5	301.0	28.2	308.9	28.7
		86.2	219.3	16.2	237.1	19.2	259.0	22.3	280.9	25.2	288.9	25.7	301.0	26.4	308.9	27.0
		107.8	219.3	15.7	237.1	18.8	259.0	21.9	280.9	24.7	288.9	25.3	301.0	25.9	308.9	26.3
		129.3	219.3	15.5	237.1	18.5	259.0	21.7	280.9	24.4	288.9	25.0	301.0	25.7	308.9	25.9

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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COOLING CAPACITY DATA

ARWN336BAS4, ARWB336BAS4

336,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet water Temp. (°F)	Water flow rate [gpm]	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]
100	23	22.8	262.3	5.5	283.7	6.5	308.9	7.5	336.0	8.4	346.3	8.6	359.3	8.9	369.6	9.1
	32	25.6	262.3	5.5	283.7	6.5	308.9	7.5	336.0	8.4	346.3	8.6	359.3	8.9	369.6	9.1
	41	29.4	262.3	5.5	283.7	6.5	308.9	7.5	336.0	8.4	346.3	8.6	359.3	8.9	369.6	9.1
	50	34.6	262.3	5.5	283.7	6.5	308.9	7.5	336.0	8.4	346.3	8.6	359.3	8.9	369.6	9.1
		43.1	262.3	5.4	283.7	6.3	308.9	7.4	336.0	8.3	346.3	8.5	359.3	8.7	369.6	8.9
		86.2	262.3	5.0	283.7	5.9	308.9	6.9	336.0	7.8	346.3	8.0	359.3	8.2	369.6	8.3
		107.8	262.3	4.9	283.7	5.7	308.9	6.8	336.0	7.6	346.3	7.8	359.3	8.0	369.6	8.1
		129.3	262.3	4.9	283.7	5.7	308.9	6.7	336.0	7.5	346.3	7.7	359.3	7.9	369.6	8.1
	59	34.6	262.3	7.5	283.7	8.7	308.9	10.2	336.0	11.4	346.3	11.7	359.3	12.0	369.6	12.2
		43.1	262.3	7.3	283.7	8.6	308.9	10.0	336.0	11.2	346.3	11.5	359.3	11.8	369.6	12.0
		86.2	262.3	6.8	283.7	8.0	308.9	9.3	336.0	10.5	346.3	10.8	359.3	11.1	369.6	11.2
		107.8	262.3	6.6	283.7	7.8	308.9	9.2	336.0	10.3	346.3	10.6	359.3	10.8	369.6	11.0
		129.3	262.3	6.5	283.7	7.7	308.9	9.1	336.0	10.2	346.3	10.5	359.3	10.7	369.6	10.8
	67	34.6	262.3	9.3	283.7	10.7	308.9	12.6	336.0	14.1	346.3	14.4	359.3	14.8	369.6	15.1
		43.1	262.3	9.1	283.7	10.6	308.9	12.3	336.0	13.9	346.3	14.2	359.3	14.6	369.6	14.8
		86.2	262.3	8.4	283.7	9.9	308.9	11.5	336.0	13.0	346.3	13.3	359.3	13.6	369.6	13.9
		107.8	262.3	8.1	283.7	9.7	308.9	11.3	336.0	12.7	346.3	13.1	359.3	13.4	369.6	13.5
		129.3	262.3	8.0	283.7	9.6	308.9	11.2	336.0	12.6	346.3	12.9	359.3	13.2	369.6	13.3
	75	34.6	262.3	11.3	283.7	13.1	308.9	15.3	336.0	17.2	346.3	17.6	359.3	18.0	369.6	18.4
		43.1	262.3	11.1	283.7	12.9	308.9	15.0	336.0	16.9	346.3	17.3	359.3	17.7	369.6	18.1
		86.2	262.3	10.2	283.7	12.1	308.9	14.1	336.0	15.8	346.3	16.2	359.3	16.6	369.6	16.9
		107.8	262.3	9.9	283.7	11.8	308.9	13.8	336.0	15.5	346.3	15.9	359.3	16.3	369.6	16.5
		129.3	262.3	9.8	283.7	11.7	308.9	13.6	336.0	15.4	346.3	15.7	359.3	16.2	369.6	16.2
	86	34.6	262.3	13.9	283.7	16.2	308.9	18.8	336.0	21.2	346.3	21.7	359.3	22.2	369.6	22.6
		43.1	262.3	13.6	283.7	15.9	308.9	18.5	336.0	20.8	346.3	21.3	359.3	21.9	369.6	22.3
		86.2	262.3	12.5	283.7	14.8	308.9	17.3	336.0	19.5	346.3	19.9	359.3	20.4	369.6	20.8
		107.8	262.3	12.2	283.7	14.5	308.9	16.9	336.0	19.1	346.3	19.6	359.3	20.0	369.6	20.3
		129.3	262.3	12.0	283.7	14.4	308.9	16.8	336.0	18.9	346.3	19.4	359.3	19.8	369.6	20.0
	95	34.6	249.2	14.7	269.7	17.1	293.5	19.8	319.2	22.4	329.0	22.9	341.6	23.4	350.9	23.8
		43.1	249.2	14.4	269.7	16.8	293.5	19.5	319.2	22.0	329.0	22.5	341.6	23.1	350.9	23.5
		86.2	249.2	13.2	269.7	15.7	293.5	18.2	319.2	20.5	329.0	21.1	341.6	21.6	350.9	21.9
		107.8	249.2	12.8	269.7	15.4	293.5	17.9	319.2	20.1	329.0	20.7	341.6	21.2	350.9	21.4
		129.3	249.2	12.6	269.7	15.2	293.5	17.7	319.2	19.9	329.0	20.5	341.6	21.0	350.9	21.1
	104	34.6	235.7	16.4	255.3	19.1	278.1	22.3	302.4	25.0	311.3	25.7	323.4	26.3	332.7	26.8
		43.1	235.7	16.1	255.3	18.8	278.1	21.9	302.4	24.6	311.3	25.3	323.4	25.9	332.7	26.3
		86.2	235.7	14.8	255.3	17.6	278.1	20.5	302.4	23.1	311.3	23.6	323.4	24.2	332.7	24.6
		107.8	235.7	14.4	255.3	17.2	278.1	20.0	302.4	22.6	311.3	23.2	323.4	23.8	332.7	24.0
		129.3	235.7	14.2	255.3	17.0	278.1	19.8	302.4	22.4	311.3	23.0	323.4	23.5	332.7	23.7
	113	34.6	222.1	18.2	240.8	21.2	262.7	24.7	285.6	27.7	293.5	28.5	305.2	29.2	314.5	29.7
		43.1	222.1	17.8	240.8	20.8	262.7	24.3	285.6	27.3	293.5	28.0	305.2	28.7	314.5	29.2
		86.2	222.1	16.4	240.8	19.5	262.7	22.7	285.6	25.6	293.5	26.1	305.2	26.8	314.5	27.3
		107.8	222.1	16.0	240.8	19.1	262.7	22.2	285.6	25.1	293.5	25.7	305.2	26.3	314.5	26.6
		129.3	222.1	15.8	240.8	18.9	262.7	21.9	285.6	24.8	293.5	25.5	305.2	26.1	314.5	26.2

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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COOLING CAPACITY DATA

ARWN336BAS4, ARWB336BAS4

336,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet water Temp. (°F)	Water flow rate [gpm]	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]
90	23	22.8	235.7	4.8	255.3	5.5	278.1	6.4	302.4	7.3	311.3	7.4	323.4	7.7	332.7	7.8
	32	25.6	235.7	4.8	255.3	5.5	278.1	6.4	302.4	7.3	311.3	7.4	323.4	7.7	332.7	7.8
	41	29.4	235.7	4.8	255.3	5.5	278.1	6.4	302.4	7.3	311.3	7.4	323.4	7.7	332.7	7.8
	50	34.6	235.7	4.8	255.3	5.5	278.1	6.4	302.4	7.3	311.3	7.4	323.4	7.7	332.7	7.8
		43.1	235.7	4.7	255.3	5.4	278.1	6.3	302.4	7.2	311.3	7.3	323.4	7.5	332.7	7.7
		86.2	235.7	4.3	255.3	5.1	278.1	6.0	302.4	6.7	311.3	6.9	323.4	7.0	332.7	7.2
		107.8	235.7	4.2	255.3	5.0	278.1	5.8	302.4	6.6	311.3	6.7	323.4	6.9	332.7	6.9
		129.3	235.7	4.1	255.3	5.0	278.1	5.7	302.4	6.5	311.3	6.7	323.4	6.8	332.7	6.8
	59	34.6	235.7	6.5	255.3	7.5	278.1	8.7	302.4	9.8	311.3	10.1	323.4	10.3	332.7	10.5
		43.1	235.7	6.3	255.3	7.4	278.1	8.6	302.4	9.7	311.3	9.9	323.4	10.2	332.7	10.4
		86.2	235.7	5.8	255.3	6.9	278.1	8.1	302.4	9.1	311.3	9.3	323.4	9.5	332.7	9.7
		107.8	235.7	5.7	255.3	6.8	278.1	7.9	302.4	8.9	311.3	9.1	323.4	9.3	332.7	9.4
		129.3	235.7	5.6	255.3	6.7	278.1	7.8	302.4	8.8	311.3	9.0	323.4	9.2	332.7	9.3
	67	34.6	235.7	7.9	255.3	9.3	278.1	10.8	302.4	12.1	311.3	12.4	323.4	12.7	332.7	12.9
		43.1	235.7	7.8	255.3	9.1	278.1	10.6	302.4	11.9	311.3	12.2	323.4	12.5	332.7	12.7
		86.2	235.7	7.2	255.3	8.5	278.1	9.9	302.4	11.2	311.3	11.5	323.4	11.7	332.7	11.9
		107.8	235.7	7.0	255.3	8.3	278.1	9.7	302.4	11.0	311.3	11.2	323.4	11.5	332.7	11.6
		129.3	235.7	6.9	255.3	8.2	278.1	9.6	302.4	10.9	311.3	11.1	323.4	11.4	332.7	11.5
	75	34.6	235.7	9.7	255.3	11.3	278.1	13.1	302.4	14.8	311.3	15.2	323.4	15.5	332.7	15.8
		43.1	235.7	9.5	255.3	11.1	278.1	12.9	302.4	14.6	311.3	14.9	323.4	15.3	332.7	15.6
		86.2	235.7	8.8	255.3	10.4	278.1	12.1	302.4	13.6	311.3	13.9	323.4	14.3	332.7	14.6
		107.8	235.7	8.5	255.3	10.2	278.1	11.9	302.4	13.4	311.3	13.7	323.4	14.0	332.7	14.2
		129.3	235.7	8.4	255.3	10.1	278.1	11.7	302.4	13.2	311.3	13.5	323.4	13.9	332.7	14.0
	86	34.6	235.7	12.0	255.3	13.9	278.1	16.2	302.4	18.2	311.3	18.7	323.4	19.1	332.7	19.5
		43.1	235.7	11.7	255.3	13.7	278.1	15.9	302.4	17.9	311.3	18.4	323.4	18.8	332.7	19.2
		86.2	235.7	10.8	255.3	12.8	278.1	14.9	302.4	16.8	311.3	17.2	323.4	17.6	332.7	17.9
		107.8	235.7	10.5	255.3	12.5	278.1	14.6	302.4	16.4	311.3	16.9	323.4	17.3	332.7	17.4
		129.3	235.7	10.4	255.3	12.4	278.1	14.4	302.4	16.2	311.3	16.7	323.4	17.1	332.7	17.2
	95	34.6	229.1	12.9	248.3	15.0	270.7	17.4	294.0	19.7	302.9	20.1	314.5	20.6	323.4	21.0
		43.1	229.1	12.7	248.3	14.7	270.7	17.2	294.0	19.3	302.9	19.8	314.5	20.3	323.4	20.7
		86.2	229.1	11.6	248.3	13.8	270.7	16.1	294.0	18.1	302.9	18.5	314.5	19.0	323.4	19.3
		107.8	229.1	11.3	248.3	13.5	270.7	15.7	294.0	17.7	302.9	18.2	314.5	18.6	323.4	18.8
		129.3	229.1	11.1	248.3	13.3	270.7	15.5	294.0	17.6	302.9	18.0	314.5	18.5	323.4	18.5
	104	34.6	222.6	14.8	241.3	17.2	262.7	20.1	285.6	22.6	294.0	23.1	305.7	23.7	314.1	24.1
		43.1	222.6	14.5	241.3	16.9	262.7	19.7	285.6	22.2	294.0	22.7	305.7	23.3	314.1	23.7
		86.2	222.6	13.4	241.3	15.8	262.7	18.5	285.6	20.8	294.0	21.3	305.7	21.8	314.1	22.2
		107.8	222.6	13.0	241.3	15.5	262.7	18.1	285.6	20.4	294.0	20.9	305.7	21.4	314.1	21.6
		129.3	222.6	12.8	241.3	15.3	262.7	17.9	285.6	20.2	294.0	20.7	305.7	21.2	314.1	21.4
	113	34.6	216.1	16.7	234.3	19.5	254.8	22.7	277.2	25.5	285.1	26.1	296.8	26.8	304.7	27.2
		43.1	216.1	16.4	234.3	19.2	254.8	22.3	277.2	25.1	285.1	25.7	296.8	26.4	304.7	26.8
		86.2	216.1	15.1	234.3	17.9	254.8	20.8	277.2	23.4	285.1	24.1	296.8	24.6	304.7	25.1
		107.8	216.1	14.6	234.3	17.5	254.8	20.4	277.2	23.0	285.1	23.6	296.8	24.2	304.7	24.5
		129.3	216.1	14.4	234.3	17.3	254.8	20.2	277.2	22.7	285.1	23.3	296.8	24.0	304.7	24.2

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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COOLING CAPACITY DATA

ARWN336BAS4, ARWB336BAS4

336,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet water Temp. (°F)	Water flow rate [gpm]	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]
80	23	22.8	209.5	4.0	227.3	4.6	247.3	5.4	268.8	6.2	276.7	6.2	287.5	6.5	295.9	6.5
	32	25.6	209.5	4.0	227.3	4.6	247.3	5.4	268.8	6.2	276.7	6.2	287.5	6.5	295.9	6.5
	41	29.4	209.5	4.0	227.3	4.6	247.3	5.4	268.8	6.2	276.7	6.2	287.5	6.5	295.9	6.5
	50	34.6	209.5	4.0	227.3	4.6	247.3	5.4	268.8	6.2	276.7	6.2	287.5	6.5	295.9	6.5
		43.1	209.5	3.9	227.3	4.6	247.3	5.3	268.8	6.1	276.7	6.1	287.5	6.3	295.9	6.4
		86.2	209.5	3.6	227.3	4.3	247.3	4.9	268.8	5.6	276.7	5.7	287.5	5.9	295.9	6.0
		107.8	209.5	3.5	227.3	4.2	247.3	4.9	268.8	5.4	276.7	5.6	287.5	5.8	295.9	5.9
		129.3	209.5	3.4	227.3	4.1	247.3	4.8	268.8	5.4	276.7	5.5	287.5	5.7	295.9	5.8
	59	34.6	209.5	5.4	227.3	6.3	247.3	7.3	268.8	8.3	276.7	8.5	287.5	8.7	295.9	8.8
		43.1	209.5	5.3	227.3	6.2	247.3	7.2	268.8	8.1	276.7	8.3	287.5	8.5	295.9	8.7
		86.2	209.5	4.9	227.3	5.8	247.3	6.7	268.8	7.6	276.7	7.8	287.5	8.0	295.9	8.1
		107.8	209.5	4.7	227.3	5.7	247.3	6.6	268.8	7.4	276.7	7.6	287.5	7.8	295.9	7.9
		129.3	209.5	4.7	227.3	5.6	247.3	6.5	268.8	7.3	276.7	7.5	287.5	7.8	295.9	7.8
	67	34.6	209.5	6.7	227.3	7.8	247.3	9.0	268.8	10.2	276.7	10.4	287.5	10.7	295.9	10.9
		43.1	209.5	6.5	227.3	7.7	247.3	8.9	268.8	10.0	276.7	10.3	287.5	10.5	295.9	10.7
		86.2	209.5	6.0	227.3	7.1	247.3	8.3	268.8	9.4	276.7	9.6	287.5	9.8	295.9	10.0
		107.8	209.5	5.8	227.3	7.0	247.3	8.1	268.8	9.2	276.7	9.4	287.5	9.6	295.9	9.7
		129.3	209.5	5.8	227.3	6.9	247.3	8.1	268.8	9.1	276.7	9.3	287.5	9.6	295.9	9.6
	75	34.6	209.5	8.1	227.3	9.4	247.3	11.0	268.8	12.4	276.7	12.7	287.5	13.0	295.9	13.3
		43.1	209.5	8.0	227.3	9.3	247.3	10.8	268.8	12.2	276.7	12.5	287.5	12.8	295.9	13.1
		86.2	209.5	7.3	227.3	8.7	247.3	10.1	268.8	11.4	276.7	11.7	287.5	12.0	295.9	12.2
		107.8	209.5	7.1	227.3	8.5	247.3	10.0	268.8	11.2	276.7	11.5	287.5	11.8	295.9	11.9
		129.3	209.5	7.0	227.3	8.5	247.3	9.9	268.8	11.1	276.7	11.4	287.5	11.7	295.9	11.7
	86	34.6	209.5	10.0	227.3	11.7	247.3	13.6	268.8	15.3	276.7	15.7	287.5	16.0	295.9	16.3
		43.1	209.5	9.8	227.3	11.5	247.3	13.4	268.8	15.0	276.7	15.4	287.5	15.8	295.9	16.1
		86.2	209.5	9.0	227.3	10.7	247.3	12.5	268.8	14.0	276.7	14.4	287.5	14.7	295.9	15.0
		107.8	209.5	8.8	227.3	10.5	247.3	12.2	268.8	13.8	276.7	14.1	287.5	14.5	295.9	14.6
		129.3	209.5	8.6	227.3	10.4	247.3	12.1	268.8	13.6	276.7	14.0	287.5	14.3	295.9	14.4
	95	34.6	209.5	11.2	227.3	13.0	247.3	15.1	268.8	17.0	276.7	17.4	287.5	17.8	295.9	18.1
		43.1	209.5	10.9	227.3	12.7	247.3	14.8	268.8	16.7	276.7	17.1	287.5	17.5	295.9	17.8
		86.2	209.5	10.0	227.3	11.9	247.3	13.9	268.8	15.6	276.7	16.0	287.5	16.4	295.9	16.7
		107.8	209.5	9.8	227.3	11.6	247.3	13.6	268.8	15.3	276.7	15.7	287.5	16.1	295.9	16.2
		129.3	209.5	9.6	227.3	11.5	247.3	13.5	268.8	15.2	276.7	15.5	287.5	16.0	295.9	16.0
	104	34.6	209.5	13.2	227.3	15.3	247.3	17.9	268.8	20.1	276.7	20.5	287.5	21.1	295.9	21.4
		43.1	209.5	12.9	227.3	15.1	247.3	17.6	268.8	19.8	276.7	20.2	287.5	20.8	295.9	21.1
		86.2	209.5	11.9	227.3	14.1	247.3	16.4	268.8	18.5	276.7	18.9	287.5	19.4	295.9	19.8
		107.8	209.5	11.5	227.3	13.8	247.3	16.1	268.8	18.1	276.7	18.6	287.5	19.0	295.9	19.2
		129.3	209.5	11.4	227.3	13.7	247.3	15.9	268.8	18.0	276.7	18.4	287.5	18.8	295.9	19.0
	113	34.6	209.5	15.2	227.3	17.7	247.3	20.6	268.8	23.3	276.7	23.7	287.5	24.4	295.9	24.8
		43.1	209.5	14.9	227.3	17.4	247.3	20.3	268.8	22.9	276.7	23.4	287.5	24.0	295.9	24.4
		86.2	209.5	13.8	227.3	16.2	247.3	19.0	268.8	21.4	276.7	21.9	287.5	22.5	295.9	22.9
		107.8	209.5	13.3	227.3	16.0	247.3	18.5	268.8	21.0	276.7	21.5	287.5	21.9	295.9	22.3
		129.3	209.5	13.1	227.3	15.8	247.3	18.3	268.8	20.8	276.7	21.3	287.5	21.7	295.9	21.9

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

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COOLING CAPACITY DATA

ARWN336BAS4, ARWB336BAS4

336,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet water Temp. (°F)	Water flow rate [gpm]	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]
70	23	22.8	183.4	3.3	198.8	3.8	216.5	4.6	235.2	5.1	242.2	5.1	251.5	5.3	258.5	5.4
	32	25.6	183.4	3.3	198.8	3.8	216.5	4.6	235.2	5.1	242.2	5.1	251.5	5.3	258.5	5.4
	41	29.4	183.4	3.3	198.8	3.8	216.5	4.6	235.2	5.1	242.2	5.1	251.5	5.3	258.5	5.4
	50	34.6	183.4	3.3	198.8	3.8	216.5	4.6	235.2	5.1	242.2	5.1	251.5	5.3	258.5	5.4
		43.1	183.4	3.3	198.8	3.8	216.5	4.5	235.2	5.0	242.2	5.1	251.5	5.2	258.5	5.3
		86.2	183.4	3.0	198.8	3.6	216.5	4.2	235.2	4.7	242.2	4.8	251.5	4.9	258.5	5.0
		107.8	183.4	2.9	198.8	3.4	216.5	4.0	235.2	4.6	242.2	4.6	251.5	4.8	258.5	4.9
		129.3	183.4	2.8	198.8	3.4	216.5	4.0	235.2	4.5	242.2	4.6	251.5	4.8	258.5	4.8
	59	34.6	183.4	4.5	198.8	5.2	216.5	6.1	235.2	6.9	242.2	7.0	251.5	7.2	258.5	7.3
		43.1	183.4	4.4	198.8	5.1	216.5	6.0	235.2	6.8	242.2	6.9	251.5	7.1	258.5	7.2
		86.2	183.4	4.1	198.8	4.8	216.5	5.6	235.2	6.3	242.2	6.5	251.5	6.6	258.5	6.8
		107.8	183.4	3.9	198.8	4.7	216.5	5.5	235.2	6.2	242.2	6.3	251.5	6.5	258.5	6.6
		129.3	183.4	3.9	198.8	4.6	216.5	5.4	235.2	6.1	242.2	6.3	251.5	6.4	258.5	6.5
	67	34.6	183.4	5.6	198.8	6.4	216.5	7.5	235.2	8.5	242.2	8.7	251.5	8.9	258.5	9.0
		43.1	183.4	5.4	198.8	6.3	216.5	7.4	235.2	8.3	242.2	8.5	251.5	8.7	258.5	8.9
		86.2	183.4	5.0	198.8	5.9	216.5	6.9	235.2	7.8	242.2	8.0	251.5	8.2	258.5	8.3
		107.8	183.4	4.9	198.8	5.8	216.5	6.8	235.2	7.7	242.2	7.8	251.5	8.0	258.5	8.1
		129.3	183.4	4.8	198.8	5.7	216.5	6.7	235.2	7.6	242.2	7.8	251.5	7.9	258.5	8.0
	75	34.6	183.4	6.8	198.8	7.9	216.5	9.2	235.2	10.3	242.2	10.6	251.5	10.8	258.5	11.0
		43.1	183.4	6.6	198.8	7.7	216.5	9.0	235.2	10.2	242.2	10.4	251.5	10.7	258.5	10.8
		86.2	183.4	6.1	198.8	7.3	216.5	8.5	235.2	9.5	242.2	9.7	251.5	10.0	258.5	10.1
		107.8	183.4	5.9	198.8	7.1	216.5	8.3	235.2	9.3	242.2	9.6	251.5	9.8	258.5	9.9
		129.3	183.4	5.8	198.8	7.0	216.5	8.2	235.2	9.2	242.2	9.5	251.5	9.7	258.5	9.7
	86	34.6	183.4	8.4	198.8	9.7	216.5	11.3	235.2	12.7	242.2	13.0	251.5	13.3	258.5	13.5
		43.1	183.4	8.2	198.8	9.5	216.5	11.1	235.2	12.5	242.2	12.8	251.5	13.1	258.5	13.3
		86.2	183.4	7.5	198.8	8.9	216.5	10.4	235.2	11.7	242.2	11.9	251.5	12.3	258.5	12.5
		107.8	183.4	7.3	198.8	8.7	216.5	10.2	235.2	11.5	242.2	11.7	251.5	12.0	258.5	12.2
		129.3	183.4	7.2	198.8	8.6	216.5	10.1	235.2	11.4	242.2	11.6	251.5	11.9	258.5	12.0
	95	34.6	183.4	9.3	198.8	10.7	216.5	12.6	235.2	14.1	242.2	14.4	251.5	14.8	258.5	15.1
		43.1	183.4	9.1	198.8	10.6	216.5	12.3	235.2	13.9	242.2	14.2	251.5	14.6	258.5	14.8
		86.2	183.4	8.4	198.8	9.9	216.5	11.5	235.2	13.0	242.2	13.3	251.5	13.6	258.5	13.9
		107.8	183.4	8.1	198.8	9.7	216.5	11.3	235.2	12.7	242.2	13.1	251.5	13.4	258.5	13.5
		129.3	183.4	8.0	198.8	9.6	216.5	11.2	235.2	12.6	242.2	12.9	251.5	13.2	258.5	13.3
	104	34.6	183.4	11.0	198.8	12.7	216.5	14.8	235.2	16.7	242.2	17.1	251.5	17.5	258.5	17.9
		43.1	183.4	10.8	198.8	12.5	216.5	14.6	235.2	16.4	242.2	16.8	251.5	17.3	258.5	17.6
		86.2	183.4	9.9	198.8	11.7	216.5	13.6	235.2	15.4	242.2	15.8	251.5	16.2	258.5	16.4
		107.8	183.4	9.6	198.8	11.5	216.5	13.4	235.2	15.1	242.2	15.4	251.5	15.8	258.5	16.0
		129.3	183.4	9.5	198.8	11.3	216.5	13.2	235.2	15.0	242.2	15.3	251.5	15.7	258.5	15.8
	113	34.6	183.4	12.7	198.8	14.7	216.5	17.1	235.2	19.2	242.2	19.7	251.5	20.3	258.5	20.7
		43.1	183.4	12.4	198.8	14.5	216.5	16.9	235.2	18.9	242.2	19.4	251.5	20.0	258.5	20.3
		86.2	183.4	11.4	198.8	13.5	216.5	15.8	235.2	17.7	242.2	18.2	251.5	18.7	258.5	18.9
		107.8	183.4	11.1	198.8	13.2	216.5	15.4	235.2	17.4	242.2	17.8	251.5	18.3	258.5	18.5
		129.3	183.4	11.0	198.8	13.1	216.5	15.3	235.2	17.3	242.2	17.6	251.5	18.1	258.5	18.3

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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COOLING CAPACITY DATA

ARWN336BAS4, ARWB336BAS4

336,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet water Temp. (°F)	Water flow rate [gpm]	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]
60	23	22.8	157.3	2.7	170.3	3.1	185.3	3.6	201.6	4.1	207.7	4.2	215.6	4.3	221.7	4.3
	32	25.6	157.3	2.7	170.3	3.1	185.3	3.6	201.6	4.1	207.7	4.2	215.6	4.3	221.7	4.3
	41	29.4	157.3	2.7	170.3	3.1	185.3	3.6	201.6	4.1	207.7	4.2	215.6	4.3	221.7	4.3
	50	34.6	157.3	2.7	170.3	3.1	185.3	3.6	201.6	4.1	207.7	4.2	215.6	4.3	221.7	4.3
		43.1	157.3	2.6	170.3	3.1	185.3	3.5	201.6	4.0	207.7	4.1	215.6	4.2	221.7	4.3
		86.2	157.3	2.4	170.3	2.9	185.3	3.3	201.6	3.8	207.7	3.7	215.6	3.9	221.7	4.0
		107.8	157.3	2.3	170.3	2.8	185.3	3.2	201.6	3.7	207.7	3.7	215.6	3.8	221.7	3.8
		129.3	157.3	2.3	170.3	2.7	185.3	3.2	201.6	3.6	207.7	3.7	215.6	3.7	221.7	3.7
	59	34.6	157.3	3.6	170.3	4.2	185.3	4.9	201.6	5.5	207.7	5.6	215.6	5.8	221.7	5.8
		43.1	157.3	3.5	170.3	4.1	185.3	4.8	201.6	5.4	207.7	5.5	215.6	5.7	221.7	5.8
		86.2	157.3	3.2	170.3	3.8	185.3	4.5	201.6	5.0	207.7	5.1	215.6	5.3	221.7	5.4
		107.8	157.3	3.1	170.3	3.8	185.3	4.4	201.6	5.0	207.7	5.0	215.6	5.2	221.7	5.2
		129.3	157.3	3.1	170.3	3.7	185.3	4.3	201.6	4.9	207.7	5.0	215.6	5.1	221.7	5.1
	67	34.6	157.3	4.4	170.3	5.1	185.3	6.0	201.6	6.7	207.7	6.9	215.6	7.1	221.7	7.2
		43.1	157.3	4.3	170.3	5.0	185.3	5.9	201.6	6.6	207.7	6.8	215.6	6.9	221.7	7.1
		86.2	157.3	4.0	170.3	4.7	185.3	5.5	201.6	6.2	207.7	6.4	215.6	6.5	221.7	6.6
		107.8	157.3	3.9	170.3	4.6	185.3	5.4	201.6	6.1	207.7	6.2	215.6	6.4	221.7	6.5
		129.3	157.3	3.8	170.3	4.6	185.3	5.3	201.6	6.1	207.7	6.2	215.6	6.4	221.7	6.4
	75	34.6	157.3	5.4	170.3	6.3	185.3	7.3	201.6	8.2	207.7	8.4	215.6	8.6	221.7	8.8
		43.1	157.3	5.3	170.3	6.2	185.3	7.2	201.6	8.1	207.7	8.3	215.6	8.5	221.7	8.6
		86.2	157.3	4.9	170.3	5.8	185.3	6.7	201.6	7.6	207.7	7.7	215.6	8.0	221.7	8.1
		107.8	157.3	4.7	170.3	5.7	185.3	6.6	201.6	7.4	207.7	7.6	215.6	7.8	221.7	7.9
		129.3	157.3	4.7	170.3	5.6	185.3	6.5	201.6	7.4	207.7	7.5	215.6	7.7	221.7	7.8
	86	34.6	157.3	6.6	170.3	7.7	185.3	9.0	201.6	10.1	207.7	10.3	215.6	10.6	221.7	10.8
		43.1	157.3	6.5	170.3	7.6	185.3	8.9	201.6	10.0	207.7	10.2	215.6	10.4	221.7	10.6
		86.2	157.3	6.0	170.3	7.1	185.3	8.3	201.6	9.3	207.7	9.5	215.6	9.8	221.7	10.0
		107.8	157.3	5.8	170.3	6.9	185.3	8.1	201.6	9.1	207.7	9.3	215.6	9.6	221.7	9.7
		129.3	157.3	5.8	170.3	6.9	185.3	8.0	201.6	9.0	207.7	9.2	215.6	9.5	221.7	9.6
	95	34.6	157.3	7.4	170.3	8.6	185.3	10.0	201.6	11.2	207.7	11.5	215.6	11.8	221.7	12.0
		43.1	157.3	7.2	170.3	8.5	185.3	9.8	201.6	11.1	207.7	11.3	215.6	11.6	221.7	11.8
		86.2	157.3	6.6	170.3	7.9	185.3	9.2	201.6	10.4	207.7	10.6	215.6	10.9	221.7	11.1
		107.8	157.3	6.5	170.3	7.7	185.3	9.0	201.6	10.1	207.7	10.4	215.6	10.7	221.7	10.8
		129.3	157.3	6.4	170.3	7.6	185.3	8.9	201.6	10.0	207.7	10.3	215.6	10.6	221.7	10.6
	104	34.6	157.3	8.8	170.3	10.2	185.3	11.8	201.6	13.3	207.7	13.6	215.6	14.0	221.7	14.2
		43.1	157.3	8.6	170.3	10.0	185.3	11.6	201.6	13.1	207.7	13.4	215.6	13.8	221.7	14.0
		86.2	157.3	7.9	170.3	9.3	185.3	10.9	201.6	12.3	207.7	12.5	215.6	12.9	221.7	13.1
		107.8	157.3	7.7	170.3	9.2	185.3	10.7	201.6	12.0	207.7	12.3	215.6	12.6	221.7	12.7
		129.3	157.3	7.5	170.3	9.1	185.3	10.6	201.6	11.9	207.7	12.2	215.6	12.5	221.7	12.6
	113	34.6	157.3	10.2	170.3	11.7	185.3	13.7	201.6	15.4	207.7	15.7	215.6	16.2	221.7	16.4
		43.1	157.3	10.0	170.3	11.5	185.3	13.5	201.6	15.1	207.7	15.5	215.6	15.9	221.7	16.2
		86.2	157.3	9.1	170.3	10.8	185.3	12.6	201.6	14.2	207.7	14.5	215.6	14.9	221.7	15.1
		107.8	157.3	8.9	170.3	10.6	185.3	12.3	201.6	13.9	207.7	14.2	215.6	14.6	221.7	14.7
		129.3	157.3	8.7	170.3	10.5	185.3	12.2	201.6	13.7	207.7	14.1	215.6	14.4	221.7	14.5

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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COOLING CAPACITY DATA

ARWN336BAS4, ARWB336BAS4

336,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet water Temp. (°F)	Water flow rate [gpm]	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]
50	23	22.8	131.1	1.9	141.9	2.3	154.5	2.8	168.0	3.0	173.1	3.1	179.7	3.2	184.8	3.3
	32	25.6	131.1	1.9	141.9	2.3	154.5	2.8	168.0	3.0	173.1	3.1	179.7	3.2	184.8	3.3
	41	29.4	131.1	1.9	141.9	2.3	154.5	2.8	168.0	3.0	173.1	3.1	179.7	3.2	184.8	3.3
	50	34.6	131.1	1.9	141.9	2.3	154.5	2.8	168.0	3.0	173.1	3.1	179.7	3.2	184.8	3.3
		43.1	131.1	1.9	141.9	2.3	154.5	2.7	168.0	3.0	173.1	3.0	179.7	3.1	184.8	3.2
		86.2	131.1	1.8	141.9	2.1	154.5	2.4	168.0	2.8	173.1	2.9	179.7	2.9	184.8	3.0
		107.8	131.1	1.7	141.9	2.0	154.5	2.4	168.0	2.7	173.1	2.8	179.7	2.8	184.8	2.8
		129.3	131.1	1.7	141.9	2.0	154.5	2.4	168.0	2.6	173.1	2.7	179.7	2.8	184.8	2.8
	59	34.6	131.1	2.7	141.9	3.1	154.5	3.7	168.0	4.1	173.1	4.2	179.7	4.3	184.8	4.4
		43.1	131.1	2.6	141.9	3.1	154.5	3.6	168.0	4.0	173.1	4.1	179.7	4.2	184.8	4.3
		86.2	131.1	2.4	141.9	2.9	154.5	3.3	168.0	3.8	173.1	3.8	179.7	3.9	184.8	4.0
		107.8	131.1	2.3	141.9	2.8	154.5	3.3	168.0	3.7	173.1	3.8	179.7	3.8	184.8	3.9
		129.3	131.1	2.3	141.9	2.7	154.5	3.3	168.0	3.6	173.1	3.7	179.7	3.8	184.8	3.8
	67	34.6	131.1	3.3	141.9	3.8	154.5	4.4	168.0	5.0	173.1	5.2	179.7	5.3	184.8	5.3
		43.1	131.1	3.2	141.9	3.8	154.5	4.4	168.0	5.0	173.1	5.1	179.7	5.2	184.8	5.3
		86.2	131.1	3.0	141.9	3.5	154.5	4.1	168.0	4.6	173.1	4.7	179.7	4.9	184.8	5.0
		107.8	131.1	2.9	141.9	3.5	154.5	4.0	168.0	4.6	173.1	4.6	179.7	4.8	184.8	4.8
		129.3	131.1	2.8	141.9	3.4	154.5	4.0	168.0	4.5	173.1	4.6	179.7	4.7	184.8	4.8
	75	34.6	131.1	4.0	141.9	4.7	154.5	5.4	168.0	6.1	173.1	6.3	179.7	6.4	184.8	6.6
		43.1	131.1	3.9	141.9	4.6	154.5	5.4	168.0	6.0	173.1	6.2	179.7	6.3	184.8	6.5
		86.2	131.1	3.6	141.9	4.3	154.5	5.0	168.0	5.7	173.1	5.8	179.7	5.9	184.8	6.0
		107.8	131.1	3.5	141.9	4.2	154.5	4.9	168.0	5.5	173.1	5.7	179.7	5.8	184.8	5.9
		129.3	131.1	3.5	141.9	4.2	154.5	4.9	168.0	5.5	173.1	5.6	179.7	5.7	184.8	5.8
	86	34.6	131.1	5.0	141.9	5.8	154.5	6.7	168.0	7.6	173.1	7.7	179.7	7.9	184.8	8.0
		43.1	131.1	4.9	141.9	5.7	154.5	6.6	168.0	7.4	173.1	7.6	179.7	7.8	184.8	7.9
		86.2	131.1	4.5	141.9	5.3	154.5	6.2	168.0	6.9	173.1	7.1	179.7	7.3	184.8	7.4
		107.8	131.1	4.3	141.9	5.2	154.5	6.0	168.0	6.8	173.1	7.0	179.7	7.2	184.8	7.2
		129.3	131.1	4.3	141.9	5.1	154.5	6.0	168.0	6.7	173.1	6.9	179.7	7.1	184.8	7.1
	95	34.6	131.1	5.5	141.9	6.4	154.5	7.5	168.0	8.4	173.1	8.6	179.7	8.8	184.8	9.0
		43.1	131.1	5.4	141.9	6.3	154.5	7.3	168.0	8.2	173.1	8.5	179.7	8.7	184.8	8.8
		86.2	131.1	5.0	141.9	5.9	154.5	6.9	168.0	7.7	173.1	7.9	179.7	8.1	184.8	8.2
		107.8	131.1	4.8	141.9	5.8	154.5	6.7	168.0	7.6	173.1	7.7	179.7	8.0	184.8	8.0
		129.3	131.1	4.8	141.9	5.7	154.5	6.7	168.0	7.5	173.1	7.7	179.7	7.9	184.8	7.9
	104	34.6	131.1	6.5	141.9	7.6	154.5	8.8	168.0	9.9	173.1	10.2	179.7	10.4	184.8	10.6
		43.1	131.1	6.4	141.9	7.4	154.5	8.7	168.0	9.8	173.1	10.0	179.7	10.3	184.8	10.4
		86.2	131.1	5.9	141.9	6.9	154.5	8.1	168.0	9.1	173.1	9.3	179.7	9.6	184.8	9.8
		107.8	131.1	5.7	141.9	6.8	154.5	8.0	168.0	8.9	173.1	9.2	179.7	9.4	184.8	9.5
		129.3	131.1	5.6	141.9	6.7	154.5	7.9	168.0	8.9	173.1	9.1	179.7	9.3	184.8	9.4
	113	34.6	131.1	7.5	141.9	8.7	154.5	10.2	168.0	11.5	173.1	11.7	179.7	12.0	184.8	12.3
		43.1	131.1	7.3	141.9	8.6	154.5	10.0	168.0	11.3	173.1	11.5	179.7	11.9	184.8	12.1
		86.2	131.1	6.8	141.9	8.0	154.5	9.3	168.0	10.5	173.1	10.8	179.7	11.1	184.8	11.3
		107.8	131.1	6.6	141.9	7.9	154.5	9.2	168.0	10.3	173.1	10.6	179.7	10.9	184.8	11.0
		129.3	131.1	6.5	141.9	7.8	154.5	9.1	168.0	10.2	173.1	10.5	179.7	10.8	184.8	10.9

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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COOLING CAPACITY DATA

ARWN432BAS4, ARWB432BAS4

432,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
130	23	28.1	400.9	8.84	434.6	10.36	474.3	12.06	514.5	13.60	529.5	13.98	550.6	14.24	565.6	14.37
	32	31.5	400.9	8.84	434.6	10.36	474.3	12.06	514.5	13.60	529.5	13.98	550.6	14.24	565.6	14.37
	41	36.2	400.9	8.84	434.6	10.36	474.3	12.06	514.5	13.60	529.5	13.98	550.6	14.24	565.6	14.37
	50	42.6	400.9	8.84	434.6	10.36	474.3	12.06	514.5	13.60	529.5	13.98	550.6	14.24	565.6	14.37
		53.3	400.9	8.68	434.6	10.20	474.3	11.87	514.5	13.38	529.5	13.73	550.6	14.02	565.6	14.18
		106.5	400.9	8.05	434.6	9.56	474.3	11.12	514.5	12.51	529.5	12.74	550.6	13.15	565.6	13.44
		133.1	400.9	7.82	434.6	9.33	474.3	10.89	514.5	12.22	529.5	12.57	550.6	12.86	565.6	13.09
		159.8	400.9	7.71	434.6	9.21	474.3	10.78	514.5	12.07	529.5	12.49	550.6	12.71	565.6	12.91
	59	42.6	394.8	11.67	427.8	13.58	466.2	15.84	506.4	17.85	521.4	18.28	541.8	18.69	556.8	18.97
		53.3	394.8	11.45	427.8	13.36	466.2	15.58	506.4	17.56	521.4	17.98	541.8	18.40	556.8	18.70
		106.5	394.8	10.55	427.8	12.53	466.2	14.56	506.4	16.42	521.4	16.78	541.8	17.26	556.8	17.62
		133.1	394.8	10.25	427.8	12.23	466.2	14.26	506.4	16.06	521.4	16.48	541.8	16.90	556.8	17.20
		159.8	394.8	10.10	427.8	12.08	466.2	14.11	506.4	15.88	521.4	16.33	541.8	16.72	556.8	16.99
	67	42.6	389.4	14.19	421.8	16.44	459.0	19.20	499.2	21.62	514.2	22.10	534.0	22.64	549.0	23.06
		53.3	389.4	13.90	421.8	16.18	459.0	18.88	499.2	21.28	514.2	21.76	534.0	22.29	549.0	22.71
		106.5	389.4	12.77	421.8	15.16	459.0	17.62	499.2	19.90	514.2	20.38	534.0	20.92	549.0	21.34
		133.1	389.4	12.41	421.8	14.80	459.0	17.26	499.2	19.48	514.2	19.96	534.0	20.50	549.0	20.86
		159.8	389.4	12.23	421.8	14.62	459.0	17.08	499.2	19.27	514.2	19.75	534.0	20.29	549.0	20.62
	75	42.6	389.4	17.49	421.8	20.28	459.0	23.63	499.2	26.61	514.2	27.29	534.0	27.95	549.0	28.41
		53.3	389.4	17.14	421.8	19.96	459.0	23.25	499.2	26.19	514.2	26.85	534.0	27.51	549.0	27.99
		106.5	389.4	15.76	421.8	18.70	459.0	21.76	499.2	24.51	514.2	25.11	534.0	25.77	549.0	26.31
		133.1	389.4	15.34	421.8	18.28	459.0	21.34	499.2	24.03	514.2	24.63	534.0	25.29	549.0	25.71
		159.8	389.4	15.13	421.8	18.07	459.0	21.13	499.2	23.79	514.2	24.39	534.0	25.05	549.0	25.41
	86	42.6	389.4	20.98	421.8	24.37	459.0	28.38	499.2	31.98	514.2	32.70	534.0	33.55	549.0	34.06
		53.3	389.4	20.56	421.8	23.97	459.0	27.93	499.2	31.46	514.2	32.18	534.0	33.02	549.0	33.56
		106.5	389.4	18.88	421.8	22.41	459.0	26.13	499.2	29.43	514.2	30.15	534.0	30.92	549.0	31.58
		133.1	389.4	18.40	421.8	21.94	459.0	25.59	499.2	28.83	514.2	29.61	534.0	30.33	549.0	30.86
		159.8	389.4	18.16	421.8	21.70	459.0	25.32	499.2	28.53	514.2	29.34	534.0	30.03	549.0	30.51
	95	42.6	350.4	21.22	379.2	24.68	413.4	28.68	449.4	32.35	462.6	33.06	480.6	33.91	493.8	34.51
		53.3	350.4	20.80	379.2	24.27	413.4	28.23	449.4	31.82	462.6	32.54	480.6	33.38	493.8	33.98
		106.5	350.4	19.12	379.2	22.65	413.4	26.43	449.4	29.73	462.6	30.51	480.6	31.28	493.8	31.88
		133.1	350.4	18.58	379.2	22.17	413.4	25.89	449.4	29.13	462.6	29.91	480.6	30.69	493.8	31.22
		159.8	350.4	18.31	379.2	21.94	413.4	25.62	449.4	28.83	462.6	29.61	480.6	30.39	493.8	30.90
	104	42.6	311.4	22.39	337.2	26.01	367.2	30.27	399.0	34.12	411.0	34.90	427.2	35.72	439.2	36.38
		53.3	311.4	21.94	337.2	25.59	367.2	29.79	399.0	33.56	411.0	34.34	427.2	35.18	439.2	35.84
		106.5	311.4	20.14	337.2	23.91	367.2	27.87	399.0	31.34	411.0	32.12	427.2	33.02	439.2	33.68
		133.1	311.4	19.60	337.2	23.37	367.2	27.27	399.0	30.75	411.0	31.52	427.2	32.36	439.2	32.90
		159.8	311.4	19.33	337.2	23.10	367.2	26.97	399.0	30.45	411.0	31.23	427.2	32.04	439.2	32.51
	113	42.6	272.4	23.56	295.2	27.35	321.0	31.86	348.6	35.89	359.4	36.74	373.8	37.54	384.6	38.26
		53.3	272.4	23.07	295.2	26.91	321.0	31.34	348.6	35.30	359.4	36.14	373.8	36.98	384.6	37.70
		106.5	272.4	21.16	295.2	25.17	321.0	29.31	348.6	32.96	359.4	33.74	373.8	34.76	384.6	35.48
		133.1	272.4	20.62	295.2	24.57	321.0	28.65	348.6	32.36	359.4	33.14	373.8	34.04	384.6	34.58
		159.8	272.4	20.35	295.2	24.27	321.0	28.32	348.6	32.06	359.4	32.84	373.8	33.68	384.6	34.13
120	23	28.1	379.7	8.45	411.5	9.76	447.5	11.49	487.2	12.87	502.3	13.26	521.5	13.52	535.9	13.77
	32	31.5	379.7	8.45	411.5	9.76	447.5	11.49	487.2	12.87	502.3	13.26	521.5	13.52	535.9	13.77
	41	36.2	379.7	8.45	411.5	9.76	447.5	11.49	487.2	12.87	502.3	13.26	521.5	13.52	535.9	13.77
	50	42.6	379.7	8.45	411.5	9.76	447.5	11.49	487.2	12.87	502.3	13.26	521.5	13.52	535.9	13.77
		53.3	379.7	8.27	411.5	9.60	447.5	11.28	487.2	12.67	502.3	13.02	521.5	13.30	535.9	13.54
		106.5	379.7	7.57	411.5	8.96	447.5	10.47	487.2	11.86	502.3	12.08	521.5	12.44	535.9	12.60
		133.1	379.7	7.47	411.5	8.79	447.5	10.36	487.2	11.63	502.3	11.85	521.5	12.20	535.9	12.38
		159.8	379.7	7.42	411.5	8.70	447.5	10.31	487.2	11.51	502.3	11.74	521.5	12.09	535.9	12.26
	59	42.6	375.6	11.19	406.8	12.98	442.8	15.18	481.8	17.05	496.2	17.49	515.4	17.91	529.8	18.21
		53.3	375.6	10.97	406.8	12.77	442.8	14.92	481.8	16.78	496.2	17.20	515.4	17.62	529.8	17.92
		106.5	375.6	10.07	406.8	11.93	442.8	13.90	481.8	15.70	496.2	16.06	515.4	16.48	529.8	16.78
		133.1	375.6	9.83	406.8	11.69	442.8	13.66	481.8	15.40	496.2	15.76	515.4	16.18	529.8	16.42
		159.8	375.6	9.71	406.8	11.57	442.8	13.55	481.8	15.25	496.2	15.61	515.4	16.03	529.8	16.24
	67	42.6	372.0	13.64	402.6	15.84	438.6	18.46	477.0	20.77	490.8	21.25	510.0	21.80	524.4	22.15
		53.3	372.0	13.36	402.6	15.58	438.6	18.16	477.0	20.44	490.8	20.92	510.0	21.46	524.4	21.82
		106.5	372.0	12.29	402.6	14.56	438.6	16.96	477.0	19.12	490.8	19.60	510.0	20.08	524.4	20.50
		133.1	372.0	11.93	402.6	14.26	438.6	16.60	477.0	18.76	490.8	19.24	510.0	19.72	524.4	20.02
		159.8	372.0	11.75	402.6	14.11	438.6	16.42	477.0	18.58	490.8	19.06	510.0	19.54	524.4	19.78

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

Due to our policy of continuous product innovation, some specifications may change without notification.
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COOLING CAPACITY DATA

ARWN432BAS4, ARWB432BAS4

432,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
120	75	42.6	372.0	16.75	402.6	19.42	438.6	22.66	477.0	25.52	490.8	26.13	510.0	26.79	524.4	27.27
		53.3	372.0	16.42	402.6	19.12	438.6	22.29	477.0	25.11	490.8	25.71	510.0	26.37	524.4	26.85
		106.5	372.0	15.10	402.6	17.92	438.6	20.86	477.0	23.49	490.8	24.03	510.0	24.69	524.4	25.17
		133.1	372.0	14.68	402.6	17.50	438.6	20.44	477.0	23.01	490.8	23.61	510.0	24.21	524.4	24.57
		159.8	372.0	14.47	402.6	17.29	438.6	20.23	477.0	22.78	490.8	23.40	510.0	23.97	524.4	24.27
	86	42.6	372.0	20.23	402.6	23.51	438.6	27.41	477.0	30.88	490.8	31.62	510.0	32.40	524.4	32.92
		53.3	372.0	19.84	402.6	23.13	438.6	26.97	477.0	30.39	490.8	31.10	510.0	31.88	524.4	32.42
		106.5	372.0	18.28	402.6	21.64	438.6	25.23	477.0	28.41	490.8	29.07	510.0	29.85	524.4	30.45
		133.1	372.0	17.74	402.6	21.16	438.6	24.69	477.0	27.81	490.8	28.53	510.0	29.31	524.4	29.73
		159.8	372.0	17.47	402.6	20.92	438.6	24.42	477.0	27.51	490.8	28.26	510.0	29.04	524.4	29.37
	95	42.6	340.2	20.73	368.4	24.13	401.4	28.08	436.2	31.60	449.4	32.40	466.8	33.18	480.0	33.79
		53.3	340.2	20.32	368.4	23.73	401.4	27.63	436.2	31.10	449.4	31.88	466.8	32.66	480.0	33.26
		106.5	340.2	18.70	368.4	22.17	401.4	25.83	436.2	29.13	449.4	29.85	466.8	30.63	480.0	31.16
		133.1	340.2	18.22	368.4	21.70	401.4	25.29	436.2	28.53	449.4	29.25	466.8	30.03	480.0	30.45
		159.8	340.2	17.98	368.4	21.46	401.4	25.02	436.2	28.23	449.4	28.95	466.8	29.73	480.0	30.09
	104	42.6	309.0	22.31	334.2	25.95	364.2	30.21	396.0	34.05	407.4	34.84	423.6	35.68	435.6	36.34
		53.3	309.0	21.88	334.2	25.53	364.2	29.73	396.0	33.50	407.4	34.28	423.6	35.12	435.6	35.78
		106.5	309.0	20.14	334.2	23.85	364.2	27.81	396.0	31.34	407.4	32.06	423.6	32.90	435.6	33.56
		133.1	309.0	19.60	334.2	23.37	364.2	27.27	396.0	30.69	407.4	31.46	423.6	32.30	435.6	32.78
		159.8	309.0	19.33	334.2	23.13	364.2	27.00	396.0	30.36	407.4	31.17	423.6	32.01	435.6	32.39
	113	42.6	277.8	23.90	300.0	27.78	327.0	32.34	355.8	36.49	365.4	37.28	380.4	38.18	391.2	38.89
		53.3	277.8	23.43	300.0	27.33	327.0	31.82	355.8	35.90	365.4	36.68	380.4	37.58	391.2	38.30
		106.5	277.8	21.58	300.0	25.53	327.0	29.79	355.8	33.56	365.4	34.28	380.4	35.18	391.2	35.96
		133.1	277.8	20.98	300.0	25.05	327.0	29.25	355.8	32.84	365.4	33.68	380.4	34.58	391.2	35.12
		159.8	277.8	20.68	300.0	24.81	327.0	28.98	355.8	32.48	365.4	33.38	380.4	34.28	391.2	34.70
110	23	28.1	358.4	8.02	387.8	9.29	422.0	10.72	459.3	12.15	473.1	12.35	492.4	12.75	504.9	12.90
	32	31.5	358.4	8.02	387.8	9.29	422.0	10.72	459.3	12.15	473.1	12.35	492.4	12.75	504.9	12.90
	41	36.2	358.4	8.02	387.8	9.29	422.0	10.72	459.3	12.15	473.1	12.35	492.4	12.75	504.9	12.90
	50	42.6	358.4	8.02	387.8	9.29	422.0	10.72	459.3	12.15	473.1	12.35	492.4	12.75	504.9	12.90
		53.3	358.4	7.86	387.8	9.12	422.0	10.56	459.3	11.96	473.1	12.18	492.4	12.53	504.9	12.70
		106.5	358.4	7.22	387.8	8.49	422.0	9.93	459.3	11.21	473.1	11.50	492.4	11.66	504.9	11.89
		133.1	358.4	6.99	387.8	8.32	422.0	9.70	459.3	10.98	473.1	11.20	492.4	11.42	504.9	11.73
		159.8	358.4	6.87	387.8	8.23	422.0	9.59	459.3	10.86	473.1	11.05	492.4	11.31	504.9	11.65
	59	42.6	356.4	10.70	385.8	12.44	420.0	14.43	456.6	16.26	470.4	16.62	489.0	17.05	502.2	17.35
		53.3	356.4	10.49	385.8	12.23	420.0	14.20	456.6	16.00	470.4	16.36	489.0	16.78	502.2	17.08
		106.5	356.4	9.65	385.8	11.39	420.0	13.30	456.6	14.98	470.4	15.34	489.0	15.70	502.2	16.00
		133.1	356.4	9.35	385.8	11.15	420.0	13.01	456.6	14.68	470.4	15.04	489.0	15.40	502.2	15.64
		159.8	356.4	9.20	385.8	11.03	420.0	12.86	456.6	14.53	470.4	14.89	489.0	15.25	502.2	15.46
	67	42.6	354.6	13.08	384.0	15.24	418.2	17.73	454.2	19.92	468.0	20.41	486.0	20.87	499.8	21.31
		53.3	354.6	12.83	384.0	14.98	418.2	17.44	454.2	19.60	468.0	20.08	486.0	20.56	499.8	20.98
		106.5	354.6	11.81	384.0	13.96	418.2	16.30	454.2	18.34	468.0	18.76	486.0	19.30	499.8	19.66
		133.1	354.6	11.45	384.0	13.66	418.2	15.94	454.2	17.98	468.0	18.46	486.0	18.94	499.8	19.12
		159.8	354.6	11.27	384.0	13.52	418.2	15.76	454.2	17.80	468.0	18.31	486.0	18.76	499.8	18.85
	75	42.6	354.6	16.02	384.0	18.64	418.2	21.68	454.2	24.43	468.0	24.97	486.0	25.56	499.8	26.06
		53.3	354.6	15.70	384.0	18.34	418.2	21.34	454.2	24.03	468.0	24.57	486.0	25.17	499.8	25.65
		106.5	354.6	14.44	384.0	17.14	418.2	19.96	454.2	22.47	468.0	23.01	486.0	23.61	499.8	24.03
		133.1	354.6	14.02	384.0	16.78	418.2	19.54	454.2	21.99	468.0	22.59	486.0	23.13	499.8	23.43
		159.8	354.6	13.82	384.0	16.60	418.2	19.33	454.2	21.76	468.0	22.39	486.0	22.90	499.8	23.14
	86	42.6	354.6	19.50	384.0	22.73	418.2	26.43	454.2	29.79	468.0	30.45	486.0	31.24	499.8	31.78
		53.3	354.6	19.12	384.0	22.35	418.2	26.01	454.2	29.31	468.0	29.97	486.0	30.75	499.8	31.28
		106.5	354.6	17.62	384.0	20.86	418.2	24.33	454.2	27.39	468.0	28.05	486.0	28.77	499.8	29.31
		133.1	354.6	17.14	384.0	20.44	418.2	23.79	454.2	26.85	468.0	27.51	486.0	28.23	499.8	28.59
		159.8	354.6	16.90	384.0	20.23	418.2	23.52	454.2	26.58	468.0	27.24	486.0	27.96	499.8	28.23
	95	42.6	330.0	20.31	357.6	23.57	389.4	27.47	423.6	30.94	436.2	31.66	453.0	32.46	465.6	33.07
		53.3	330.0	19.90	357.6	23.19	389.4	27.03	423.6	30.45	436.2	31.16	453.0	31.94	465.6	32.54
		106.5	330.0	18.28	357.6	21.70	389.4	25.29	423.6	28.47	436.2	29.19	453.0	29.91	465.6	30.45
		133.1	330.0	17.80	357.6	21.22	389.4	24.75	423.6	27.93	436.2	28.59	453.0	29.37	465.6	29.73
		159.8	330.0	17.56	357.6	20.98	389.4	24.48	423.6	27.66	436.2	28.29	453.0	29.10	465.6	29.37

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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COOLING CAPACITY DATA

ARWN432BAS4, ARWB432BAS4

432,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
110	104	42.6	306.0	22.33	331.2	25.88	361.2	30.23	392.4	33.99	403.8	34.78	420.0	35.62	431.4	36.28
		53.3	306.0	21.88	331.2	25.47	361.2	29.73	392.4	33.44	403.8	34.22	420.0	35.06	431.4	35.72
		106.5	306.0	20.08	331.2	23.85	361.2	27.75	392.4	31.28	403.8	32.00	420.0	32.84	431.4	33.50
		133.1	306.0	19.54	331.2	23.31	361.2	27.21	392.4	30.69	403.8	31.40	420.0	32.24	431.4	32.66
		159.8	306.0	19.27	331.2	23.05	361.2	26.94	392.4	30.39	403.8	31.11	420.0	31.95	431.4	32.25
	113	42.6	282.0	24.35	304.8	28.19	333.0	32.98	361.2	37.03	371.4	37.90	387.0	38.78	397.2	39.49
		53.3	282.0	23.85	304.8	27.75	333.0	32.42	361.2	36.44	371.4	37.28	387.0	38.18	397.2	38.90
		106.5	282.0	21.88	304.8	26.01	333.0	30.21	361.2	34.10	371.4	34.82	387.0	35.78	397.2	36.56
		133.1	282.0	21.28	304.8	25.41	333.0	29.67	361.2	33.44	371.4	34.22	387.0	35.12	397.2	35.60
		159.8	282.0	20.98	304.8	25.11	333.0	29.40	361.2	33.11	371.4	33.92	387.0	34.79	397.2	35.12
100	23	28.1	337.2	7.46	364.8	8.76	397.2	10.13	432.0	11.33	445.2	11.63	462.0	12.01	475.2	12.28
	32	31.5	337.2	7.46	364.8	8.76	397.2	10.13	432.0	11.33	445.2	11.63	462.0	12.01	475.2	12.28
	41	36.2	337.2	7.46	364.8	8.76	397.2	10.13	432.0	11.33	445.2	11.63	462.0	12.01	475.2	12.28
	50	42.6	337.2	7.46	364.8	8.76	397.2	10.13	432.0	11.33	445.2	11.63	462.0	12.01	475.2	12.28
		53.3	337.2	7.32	364.8	8.59	397.2	9.97	432.0	11.18	445.2	11.47	462.0	11.82	475.2	12.05
		106.5	337.2	6.74	364.8	7.95	397.2	9.34	432.0	10.56	445.2	10.85	462.0	11.07	475.2	11.18
		133.1	337.2	6.64	364.8	7.78	397.2	9.17	432.0	10.26	445.2	10.55	462.0	10.84	475.2	11.02
		159.8	337.2	6.59	364.8	7.69	397.2	9.08	432.0	10.11	445.2	10.40	462.0	10.72	475.2	10.94
	59	42.6	337.2	10.15	364.8	11.82	397.2	13.77	432.0	15.46	445.2	15.82	462.0	16.26	475.2	16.57
		53.3	337.2	9.95	364.8	11.63	397.2	13.54	432.0	15.22	445.2	15.58	462.0	16.00	475.2	16.30
		106.5	337.2	9.17	364.8	10.85	397.2	12.65	432.0	14.26	445.2	14.62	462.0	14.98	475.2	15.22
		133.1	337.2	8.93	364.8	10.61	397.2	12.41	432.0	13.96	445.2	14.32	462.0	14.68	475.2	14.86
		159.8	337.2	8.81	364.8	10.49	397.2	12.29	432.0	13.81	445.2	14.17	462.0	14.53	475.2	14.68
	67	42.6	337.2	12.53	364.8	14.55	397.2	17.01	432.0	19.14	445.2	19.56	462.0	20.04	475.2	20.40
		53.3	337.2	12.29	364.8	14.32	397.2	16.72	432.0	18.82	445.2	19.24	462.0	19.72	475.2	20.08
		106.5	337.2	11.33	364.8	13.42	397.2	15.58	432.0	17.56	445.2	17.98	462.0	18.46	475.2	18.82
		133.1	337.2	10.97	364.8	13.13	397.2	15.28	432.0	17.26	445.2	17.68	462.0	18.10	475.2	18.28
		159.8	337.2	10.79	364.8	12.98	397.2	15.13	432.0	17.11	445.2	17.53	462.0	17.92	475.2	18.01
	75	42.6	337.2	15.29	364.8	17.79	397.2	20.71	432.0	23.33	445.2	23.89	462.0	24.41	475.2	24.92
		53.3	337.2	14.98	364.8	17.50	397.2	20.38	432.0	22.95	445.2	23.49	462.0	24.03	475.2	24.51
		106.5	337.2	13.78	364.8	16.36	397.2	19.06	432.0	21.46	445.2	21.94	462.0	22.53	475.2	22.89
		133.1	337.2	13.42	364.8	16.00	397.2	18.64	432.0	21.04	445.2	21.52	462.0	22.11	475.2	22.29
		159.8	337.2	13.25	364.8	15.82	397.2	18.43	432.0	20.83	445.2	21.31	462.0	21.91	475.2	22.00
	86	42.6	337.2	18.84	364.8	21.88	397.2	25.46	432.0	28.70	445.2	29.37	462.0	30.09	475.2	30.65
		53.3	337.2	18.46	364.8	21.52	397.2	25.05	432.0	28.23	445.2	28.89	462.0	29.61	475.2	30.15
		106.5	337.2	16.96	364.8	20.08	397.2	23.43	432.0	26.37	445.2	26.97	462.0	27.69	475.2	28.17
		133.1	337.2	16.48	364.8	19.66	397.2	22.95	432.0	25.83	445.2	26.49	462.0	27.15	475.2	27.45
		159.8	337.2	16.24	364.8	19.45	397.2	22.72	432.0	25.56	445.2	26.25	462.0	26.88	475.2	27.09
	95	42.6	320.4	19.87	346.8	23.09	377.4	26.87	410.4	30.29	423.0	31.00	439.2	31.72	451.2	32.28
		53.3	320.4	19.48	346.8	22.71	377.4	26.43	410.4	29.79	423.0	30.51	439.2	31.22	451.2	31.76
		106.5	320.4	17.92	346.8	21.22	377.4	24.69	410.4	27.81	423.0	28.53	439.2	29.25	451.2	29.73
		133.1	320.4	17.38	346.8	20.80	377.4	24.21	410.4	27.27	423.0	27.99	439.2	28.71	451.2	28.95
		159.8	320.4	17.11	346.8	20.59	377.4	23.97	410.4	27.00	423.0	27.72	439.2	28.44	451.2	28.56
	104	42.6	303.0	22.25	328.2	25.89	357.6	30.15	388.8	33.93	400.2	34.80	415.8	35.64	427.8	36.23
		53.3	303.0	21.82	328.2	25.47	357.6	29.67	388.8	33.38	400.2	34.22	415.8	35.06	427.8	35.66
		106.5	303.0	20.08	328.2	23.79	357.6	27.75	388.8	31.22	400.2	31.94	415.8	32.78	427.8	33.38
		133.1	303.0	19.54	328.2	23.31	357.6	27.15	388.8	30.63	400.2	31.40	415.8	32.18	427.8	32.48
		159.8	303.0	19.27	328.2	23.07	357.6	26.85	388.8	30.33	400.2	31.14	415.8	31.89	427.8	32.04
	113	42.6	285.6	24.64	309.6	28.70	337.8	33.43	367.2	37.57	377.4	38.59	392.4	39.55	404.4	40.19
		53.3	285.6	24.15	309.6	28.23	337.8	32.90	367.2	36.98	377.4	37.94	392.4	38.90	404.4	39.56
		106.5	285.6	22.23	309.6	26.37	337.8	30.80	367.2	34.64	377.4	35.36	392.4	36.32	404.4	37.04
		133.1	285.6	21.70	309.6	25.83	337.8	30.09	367.2	33.98	377.4	34.82	392.4	35.66	404.4	36.02
		159.8	285.6	21.43	309.6	25.56	337.8	29.73	367.2	33.65	377.4	34.55	392.4	35.33	404.4	35.51
90	23	28.1	303.0	6.46	328.2	7.49	357.6	8.64	388.8	9.83	400.2	10.08	415.8	10.39	427.8	10.56
	32	31.5	303.0	6.46	328.2	7.49	357.6	8.64	388.8	9.83	400.2	10.08	415.8	10.39	427.8	10.56
	41	36.2	303.0	6.46	328.2	7.49	357.6	8.64	388.8	9.83	400.2	10.08	415.8	10.39	427.8	10.56
	50	42.6	303.0	6.46	328.2	7.49	357.6	8.64	388.8	9.83	400.2	10.08	415.8	10.39	427.8	10.56
		53.3	303.0	6.35	328.2	7.38	357.6	8.53	388.8	9.69	400.2	9.92	415.8	10.21	427.8	10.38
		106.5	303.0	5.89	328.2	6.92	357.6	8.08	388.8	9.12	400.2	9.28	415.8	9.51	427.8	9.69
		133.1	303.0	5.65	328.2	6.81	357.6	7.84	388.8	8.88	400.2	9.11	415.8	9.34	427.8	9.39
		159.8	303.0	5.53	328.2	6.75	357.6	7.72	388.8	8.76	400.2	9.02	415.8	9.26	427.8	9.25

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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COOLING CAPACITY DATA

ARWN432BAS4, ARWB432BAS4

432,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
90	59	42.6	303.0	8.74	328.2	10.18	357.6	11.81	388.8	13.34	400.2	13.64	415.8	14.01	427.8	14.25
		53.3	303.0	8.57	328.2	10.01	357.6	11.63	388.8	13.13	400.2	13.42	415.8	13.78	427.8	14.02
		106.5	303.0	7.91	328.2	9.35	357.6	10.91	388.8	12.29	400.2	12.59	415.8	12.89	427.8	13.13
		133.1	303.0	7.67	328.2	9.17	357.6	10.67	388.8	12.05	400.2	12.35	415.8	12.65	427.8	12.77
		159.8	303.0	7.55	328.2	9.08	357.6	10.55	388.8	11.93	400.2	12.23	415.8	12.53	427.8	12.59
	67	42.6	303.0	10.76	328.2	12.56	357.6	14.63	388.8	16.45	400.2	16.80	415.8	17.23	427.8	17.53
		53.3	303.0	10.55	328.2	12.35	357.6	14.38	388.8	16.18	400.2	16.54	415.8	16.96	427.8	17.26
		106.5	303.0	9.71	328.2	11.51	357.6	13.42	388.8	15.10	400.2	15.52	415.8	15.88	427.8	16.18
		133.1	303.0	9.47	328.2	11.27	357.6	13.19	388.8	14.86	400.2	15.22	415.8	15.58	427.8	15.76
		159.8	303.0	9.35	328.2	11.15	357.6	13.07	388.8	14.74	400.2	15.07	415.8	15.43	427.8	15.55
	75	42.6	303.0	13.14	328.2	15.29	357.6	17.79	388.8	20.04	400.2	20.53	415.8	21.01	427.8	21.44
		53.3	303.0	12.89	328.2	15.04	357.6	17.50	388.8	19.72	400.2	20.20	415.8	20.68	427.8	21.10
		106.5	303.0	11.87	328.2	14.08	357.6	16.36	388.8	18.46	400.2	18.88	415.8	19.36	427.8	19.72
		133.1	303.0	11.51	328.2	13.78	357.6	16.06	388.8	18.10	400.2	18.52	415.8	19.00	427.8	19.24
		159.8	303.0	11.33	328.2	13.64	357.6	15.91	388.8	17.92	400.2	18.34	415.8	18.82	427.8	19.00
	86	42.6	303.0	16.21	328.2	18.82	357.6	21.94	388.8	24.67	400.2	25.28	415.8	25.88	427.8	26.37
		53.3	303.0	15.88	328.2	18.52	357.6	21.58	388.8	24.27	400.2	24.87	415.8	25.47	427.8	25.95
		106.5	303.0	14.56	328.2	17.32	357.6	20.14	388.8	22.71	400.2	23.25	415.8	23.85	427.8	24.27
		133.1	303.0	14.20	328.2	16.96	357.6	19.72	388.8	22.23	400.2	22.83	415.8	23.37	427.8	23.61
		159.8	303.0	14.02	328.2	16.78	357.6	19.51	388.8	22.00	400.2	22.63	415.8	23.13	427.8	23.29
	95	42.6	294.6	17.49	319.2	20.28	348.0	23.63	378.0	26.61	389.4	27.23	404.4	27.89	415.8	28.44
		53.3	294.6	17.14	319.2	19.96	348.0	23.25	378.0	26.19	389.4	26.79	404.4	27.45	415.8	27.99
		106.5	294.6	15.76	319.2	18.70	348.0	21.76	378.0	24.51	389.4	25.05	404.4	25.71	415.8	26.19
		133.1	294.6	15.28	319.2	18.28	348.0	21.28	378.0	24.03	389.4	24.63	404.4	25.23	415.8	25.47
		159.8	294.6	15.04	319.2	18.07	348.0	21.04	378.0	23.79	389.4	24.42	404.4	24.99	415.8	25.11
	104	42.6	286.2	20.05	310.2	23.33	337.8	27.17	367.2	30.59	378.0	31.30	393.0	32.10	403.8	32.64
		53.3	286.2	19.66	310.2	22.95	337.8	26.73	367.2	30.09	378.0	30.80	393.0	31.58	403.8	32.12
		106.5	286.2	18.10	310.2	21.46	337.8	24.99	367.2	28.11	378.0	28.83	393.0	29.55	403.8	30.09
		133.1	286.2	17.56	310.2	20.98	337.8	24.45	367.2	27.57	378.0	28.29	393.0	29.01	403.8	29.31
		159.8	286.2	17.29	310.2	20.74	337.8	24.18	367.2	27.30	378.0	28.02	393.0	28.74	403.8	28.92
	113	42.6	277.8	22.61	301.2	26.39	327.6	30.71	356.4	34.56	366.6	35.38	381.6	36.31	391.8	36.83
		53.3	277.8	22.17	301.2	25.95	327.6	30.21	356.4	33.98	366.6	34.82	381.6	35.72	391.8	36.26
		106.5	277.8	20.44	301.2	24.21	327.6	28.23	356.4	31.70	366.6	32.60	381.6	33.38	391.8	33.98
		133.1	277.8	19.84	301.2	23.67	327.6	27.63	356.4	31.10	366.6	31.94	381.6	32.78	391.8	33.14
		159.8	277.8	19.54	301.2	23.40	327.6	27.33	356.4	30.81	366.6	31.62	381.6	32.48	391.8	32.72
80	23	28.1	269.4	5.42	292.2	6.25	318.0	7.34	345.6	8.34	355.8	8.43	369.6	8.76	380.4	8.79
	32	31.5	269.4	5.42	292.2	6.25	318.0	7.34	345.6	8.34	355.8	8.43	369.6	8.76	380.4	8.79
	41	36.2	269.4	5.42	292.2	6.25	318.0	7.34	345.6	8.34	355.8	8.43	369.6	8.76	380.4	8.79
	50	42.6	269.4	5.42	292.2	6.25	318.0	7.34	345.6	8.34	355.8	8.43	369.6	8.76	380.4	8.79
		53.3	269.4	5.30	292.2	6.17	318.0	7.21	345.6	8.20	355.8	8.30	369.6	8.60	380.4	8.65
		106.5	269.4	4.84	292.2	5.83	318.0	6.68	345.6	7.61	355.8	7.78	369.6	7.96	380.4	8.07
		133.1	269.4	4.73	292.2	5.65	318.0	6.57	345.6	7.37	355.8	7.54	369.6	7.84	380.4	7.96
		159.8	269.4	4.67	292.2	5.56	318.0	6.51	345.6	7.25	355.8	7.42	369.6	7.79	380.4	7.91
	59	42.6	269.4	7.34	292.2	8.53	318.0	9.94	345.6	11.21	355.8	11.45	369.6	11.76	380.4	11.94
		53.3	269.4	7.19	292.2	8.39	318.0	9.77	345.6	11.03	355.8	11.27	369.6	11.57	380.4	11.75
		106.5	269.4	6.59	292.2	7.85	318.0	9.11	345.6	10.31	355.8	10.55	369.6	10.79	380.4	10.97
		133.1	269.4	6.41	292.2	7.67	318.0	8.93	345.6	10.07	355.8	10.31	369.6	10.61	380.4	10.73
		159.8	269.4	6.32	292.2	7.58	318.0	8.84	345.6	9.95	355.8	10.19	369.6	10.52	380.4	10.61
	67	42.6	269.4	9.05	292.2	10.55	318.0	12.24	345.6	13.76	355.8	14.13	369.6	14.43	380.4	14.75
		53.3	269.4	8.87	292.2	10.37	318.0	12.05	345.6	13.54	355.8	13.90	369.6	14.20	380.4	14.50
		106.5	269.4	8.15	292.2	9.65	318.0	11.27	345.6	12.71	355.8	13.01	369.6	13.30	380.4	13.54
		133.1	269.4	7.91	292.2	9.47	318.0	11.03	345.6	12.47	355.8	12.77	369.6	13.07	380.4	13.19
		159.8	269.4	7.79	292.2	9.38	318.0	10.91	345.6	12.35	355.8	12.65	369.6	12.95	380.4	13.01
	75	42.6	269.4	11.00	292.2	12.78	318.0	14.93	345.6	16.81	355.8	17.25	369.6	17.67	380.4	17.97
		53.3	269.4	10.79	292.2	12.59	318.0	14.68	345.6	16.54	355.8	16.96	369.6	17.38	380.4	17.68
		106.5	269.4	9.95	292.2	11.81	318.0	13.72	345.6	15.46	355.8	15.82	369.6	16.24	380.4	16.54
		133.1	269.4	9.65	292.2	11.57	318.0	13.48	345.6	15.16	355.8	15.52	369.6	15.94	380.4	16.12
		159.8	269.4	9.50	292.2	11.45	318.0	13.37	345.6	15.01	355.8	15.37	369.6	15.79	380.4	15.91

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

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COOLING CAPACITY DATA

ARWN432BAS4, ARWB432BAS4

432,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
80	86	42.6	269.4	13.58	292.2	15.78	318.0	18.40	345.6	20.72	355.8	21.20	369.6	21.68	380.4	22.12
		53.3	269.4	13.30	292.2	15.52	318.0	18.10	345.6	20.38	355.8	20.86	369.6	21.34	380.4	21.76
		106.5	269.4	12.23	292.2	14.50	318.0	16.90	345.6	19.00	355.8	19.48	369.6	19.96	380.4	20.32
		133.1	269.4	11.87	292.2	14.20	318.0	16.54	345.6	18.64	355.8	19.12	369.6	19.60	380.4	19.78
		159.8	269.4	11.69	292.2	14.05	318.0	16.36	345.6	18.46	355.8	18.94	369.6	19.42	380.4	19.51
	95	42.6	269.4	15.11	292.2	17.55	318.0	20.41	345.6	22.96	355.8	23.51	369.6	24.13	380.4	24.55
		53.3	269.4	14.80	292.2	17.26	318.0	20.08	345.6	22.59	355.8	23.13	369.6	23.73	380.4	24.15
		106.5	269.4	13.60	292.2	16.12	318.0	18.76	345.6	21.16	355.8	21.64	369.6	22.17	380.4	22.59
		133.1	269.4	13.24	292.2	15.76	318.0	18.40	345.6	20.74	355.8	21.22	369.6	21.82	380.4	21.99
		159.8	269.4	13.07	292.2	15.58	318.0	18.22	345.6	20.53	355.8	21.01	369.6	21.64	380.4	21.70
	104	42.6	269.4	17.85	292.2	20.78	318.0	24.19	345.6	27.23	355.8	27.83	369.6	28.56	380.4	29.04
		53.3	269.4	17.50	292.2	20.44	318.0	23.79	345.6	26.79	355.8	27.39	369.6	28.11	380.4	28.59
		106.5	269.4	16.12	292.2	19.06	318.0	22.23	345.6	25.05	355.8	25.65	369.6	26.31	380.4	26.79
		133.1	269.4	15.64	292.2	18.70	318.0	21.76	345.6	24.57	355.8	25.17	369.6	25.77	380.4	26.07
		159.8	269.4	15.40	292.2	18.52	318.0	21.52	345.6	24.33	355.8	24.93	369.6	25.50	380.4	25.71
	113	42.6	269.4	20.59	292.2	24.02	318.0	27.96	345.6	31.50	355.8	32.14	369.6	33.00	380.4	33.54
		53.3	269.4	20.20	292.2	23.61	318.0	27.51	345.6	30.98	355.8	31.64	369.6	32.48	380.4	33.02
		106.5	269.4	18.64	292.2	21.99	318.0	25.71	345.6	28.95	355.8	29.67	369.6	30.45	380.4	30.98
		133.1	269.4	18.04	292.2	21.64	318.0	25.11	345.6	28.41	355.8	29.13	369.6	29.73	380.4	30.15
		159.8	269.4	17.74	292.2	21.46	318.0	24.81	345.6	28.14	355.8	28.86	369.6	29.37	380.4	29.73
70	23	28.1	235.8	4.53	255.6	5.20	278.4	6.16	302.4	6.93	311.4	6.95	323.4	7.21	332.4	7.31
	32	31.5	235.8	4.53	255.6	5.20	278.4	6.16	302.4	6.93	311.4	6.95	323.4	7.21	332.4	7.31
	41	36.2	235.8	4.53	255.6	5.20	278.4	6.16	302.4	6.93	311.4	6.95	323.4	7.21	332.4	7.31
	50	42.6	235.8	4.53	255.6	5.20	278.4	6.16	302.4	6.93	311.4	6.95	323.4	7.21	332.4	7.31
		53.3	235.8	4.44	255.6	5.13	278.4	6.06	302.4	6.81	311.4	6.85	323.4	7.09	332.4	7.21
		106.5	235.8	4.10	255.6	4.85	278.4	5.66	302.4	6.35	311.4	6.46	323.4	6.63	332.4	6.81
		133.1	235.8	3.92	255.6	4.67	278.4	5.48	302.4	6.17	311.4	6.28	323.4	6.52	332.4	6.64
		159.8	235.8	3.83	255.6	4.58	278.4	5.39	302.4	6.08	311.4	6.19	323.4	6.46	332.4	6.55
	59	42.6	235.8	6.11	255.6	7.06	278.4	8.29	302.4	9.32	311.4	9.50	323.4	9.74	332.4	9.92
		53.3	235.8	5.99	255.6	6.95	278.4	8.15	302.4	9.17	311.4	9.35	323.4	9.59	332.4	9.77
		106.5	235.8	5.51	255.6	6.53	278.4	7.61	302.4	8.57	311.4	8.75	323.4	8.99	332.4	9.17
		133.1	235.8	5.33	255.6	6.35	278.4	7.43	302.4	8.39	311.4	8.57	323.4	8.81	332.4	8.93
		159.8	235.8	5.24	255.6	6.26	278.4	7.34	302.4	8.30	311.4	8.48	323.4	8.72	332.4	8.81
	67	42.6	235.8	7.52	255.6	8.71	278.4	10.18	302.4	11.45	311.4	11.76	323.4	11.99	332.4	12.24
		53.3	235.8	7.37	255.6	8.57	278.4	10.01	302.4	11.27	311.4	11.57	323.4	11.81	332.4	12.05
		106.5	235.8	6.77	255.6	8.03	278.4	9.35	302.4	10.55	311.4	10.79	323.4	11.09	332.4	11.27
		133.1	235.8	6.59	255.6	7.85	278.4	9.17	302.4	10.37	311.4	10.61	323.4	10.85	332.4	10.97
		159.8	235.8	6.50	255.6	7.76	278.4	9.08	302.4	10.28	311.4	10.52	323.4	10.73	332.4	10.82
	75	42.6	235.8	9.17	255.6	10.65	278.4	12.42	302.4	14.01	311.4	14.31	323.4	14.69	332.4	14.93
		53.3	235.8	8.99	255.6	10.49	278.4	12.23	302.4	13.78	311.4	14.08	323.4	14.44	332.4	14.68
		106.5	235.8	8.27	255.6	9.83	278.4	11.45	302.4	12.89	311.4	13.19	323.4	13.48	332.4	13.72
		133.1	235.8	8.03	255.6	9.59	278.4	11.21	302.4	12.59	311.4	12.95	323.4	13.24	332.4	13.36
		159.8	235.8	7.91	255.6	9.47	278.4	11.09	302.4	12.44	311.4	12.83	323.4	13.13	332.4	13.19
	86	42.6	235.8	11.31	255.6	13.10	278.4	15.30	302.4	17.17	311.4	17.61	323.4	18.03	332.4	18.33
		53.3	235.8	11.09	255.6	12.89	278.4	15.04	302.4	16.90	311.4	17.32	323.4	17.74	332.4	18.04
		106.5	235.8	10.19	255.6	12.05	278.4	14.02	302.4	15.82	311.4	16.18	323.4	16.60	332.4	16.90
		133.1	235.8	9.89	255.6	11.81	278.4	13.78	302.4	15.52	311.4	15.88	323.4	16.30	332.4	16.48
		159.8	235.8	9.74	255.6	11.69	278.4	13.67	302.4	15.37	311.4	15.73	323.4	16.15	332.4	16.27
	95	42.6	235.8	12.53	255.6	14.55	278.4	17.01	302.4	19.14	311.4	19.56	323.4	20.04	332.4	20.40
		53.3	235.8	12.29	255.6	14.32	278.4	16.72	302.4	18.82	311.4	19.24	323.4	19.72	332.4	20.08
		106.5	235.8	11.33	255.6	13.42	278.4	15.58	302.4	17.56	311.4	17.98	323.4	18.46	332.4	18.82
		133.1	235.8	10.97	255.6	13.13	278.4	15.28	302.4	17.26	311.4	17.68	323.4	18.10	332.4	18.28
		159.8	235.8	10.79	255.6	12.98	278.4	15.13	302.4	17.11	311.4	17.53	323.4	17.92	332.4	18.01
	104	42.6	235.8	14.87	255.6	17.23	278.4	20.11	302.4	22.60	311.4	23.14	323.4	23.75	332.4	24.19
		53.3	235.8	14.56	255.6	16.96	278.4	19.78	302.4	22.23	311.4	22.77	323.4	23.37	332.4	23.79
		106.5	235.8	13.36	255.6	15.88	278.4	18.46	302.4	20.80	311.4	21.34	323.4	21.88	332.4	22.23
		133.1	235.8	13.01	255.6	15.52	278.4	18.10	302.4	20.44	311.4	20.92	323.4	21.46	332.4	21.70
		159.8	235.8	12.83	255.6	15.34	278.4	17.92	302.4	20.26	311.4	20.71	323.4	21.25	332.4	21.43

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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COOLING CAPACITY DATA

ARWN432BAS4, ARWB432BAS4
432,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
70	113	42.6	235.8	17.20	255.6	19.92	278.4	23.21	302.4	26.06	311.4	26.72	323.4	27.47	332.4	27.98
		53.3	235.8	16.84	255.6	19.60	278.4	22.83	302.4	25.65	311.4	26.31	323.4	27.03	332.4	27.51
		106.5	235.8	15.40	255.6	18.34	278.4	21.34	302.4	24.03	311.4	24.69	323.4	25.29	332.4	25.65
		133.1	235.8	15.04	255.6	17.92	278.4	20.92	302.4	23.61	311.4	24.15	323.4	24.81	332.4	25.11
		159.8	235.8	14.86	255.6	17.71	278.4	20.71	302.4	23.40	311.4	23.88	323.4	24.57	332.4	24.84
60	23	28.1	202.2	3.67	219.0	4.23	238.2	4.88	259.2	5.51	267.0	5.66	277.2	5.84	285.0	5.86
	32	31.5	202.2	3.67	219.0	4.23	238.2	4.88	259.2	5.51	267.0	5.66	277.2	5.84	285.0	5.86
	41	36.2	202.2	3.67	219.0	4.23	238.2	4.88	259.2	5.51	267.0	5.66	277.2	5.84	285.0	5.86
	50	42.6	202.2	3.67	219.0	4.23	238.2	4.88	259.2	5.51	267.0	5.66	277.2	5.84	285.0	5.86
		53.3	202.2	3.58	219.0	4.16	238.2	4.79	259.2	5.42	267.0	5.54	277.2	5.72	285.0	5.77
		106.5	202.2	3.23	219.0	3.87	238.2	4.43	259.2	5.08	267.0	5.06	277.2	5.24	285.0	5.42
		133.1	202.2	3.11	219.0	3.75	238.2	4.38	259.2	4.96	267.0	5.01	277.2	5.12	285.0	5.18
		159.8	202.2	3.05	219.0	3.69	238.2	4.36	259.2	4.90	267.0	4.99	277.2	5.06	285.0	5.06
	59	42.6	202.2	4.90	219.0	5.66	238.2	6.58	259.2	7.43	267.0	7.63	277.2	7.81	285.0	7.91
		53.3	202.2	4.79	219.0	5.57	238.2	6.47	259.2	7.31	267.0	7.49	277.2	7.67	285.0	7.79
		106.5	202.2	4.38	219.0	5.21	238.2	6.05	259.2	6.83	267.0	6.95	277.2	7.13	285.0	7.31
		133.1	202.2	4.26	219.0	5.09	238.2	5.93	259.2	6.71	267.0	6.83	277.2	7.01	285.0	7.07
		159.8	202.2	4.20	219.0	5.03	238.2	5.87	259.2	6.65	267.0	6.77	277.2	6.95	285.0	6.95
	67	42.6	202.2	5.99	219.0	6.94	238.2	8.09	259.2	9.14	267.0	9.38	277.2	9.56	285.0	9.74
		53.3	202.2	5.87	219.0	6.83	238.2	7.97	259.2	8.99	267.0	9.23	277.2	9.41	285.0	9.59
		106.5	202.2	5.39	219.0	6.41	238.2	7.49	259.2	8.39	267.0	8.63	277.2	8.81	285.0	8.99
		133.1	202.2	5.27	219.0	6.29	238.2	7.31	259.2	8.27	267.0	8.45	277.2	8.69	285.0	8.75
		159.8	202.2	5.21	219.0	6.23	238.2	7.22	259.2	8.21	267.0	8.36	277.2	8.63	285.0	8.63
	75	42.6	202.2	7.34	219.0	8.47	238.2	9.86	259.2	11.15	267.0	11.39	277.2	11.69	285.0	11.87
		53.3	202.2	7.19	219.0	8.33	238.2	9.71	259.2	10.97	267.0	11.21	277.2	11.51	285.0	11.69
		106.5	202.2	6.59	219.0	7.79	238.2	9.11	259.2	10.25	267.0	10.49	277.2	10.79	285.0	10.97
		133.1	202.2	6.41	219.0	7.67	238.2	8.93	259.2	10.07	267.0	10.31	277.2	10.55	285.0	10.67
		159.8	202.2	6.32	219.0	7.61	238.2	8.84	259.2	9.98	267.0	10.22	277.2	10.43	285.0	10.52
	86	42.6	202.2	8.99	219.0	10.49	238.2	12.18	259.2	13.71	267.0	14.01	277.2	14.37	285.0	14.61
		53.3	202.2	8.81	219.0	10.31	238.2	11.99	259.2	13.48	267.0	13.78	277.2	14.14	285.0	14.38
		106.5	202.2	8.09	219.0	9.59	238.2	11.21	259.2	12.59	267.0	12.89	277.2	13.24	285.0	13.48
		133.1	202.2	7.91	219.0	9.41	238.2	10.97	259.2	12.35	267.0	12.65	277.2	13.01	285.0	13.13
		159.8	202.2	7.82	219.0	9.32	238.2	10.85	259.2	12.23	267.0	12.53	277.2	12.89	285.0	12.95
	95	42.6	202.2	9.97	219.0	11.64	238.2	13.52	259.2	15.23	267.0	15.60	277.2	15.94	285.0	16.26
		53.3	202.2	9.77	219.0	11.45	238.2	13.30	259.2	14.98	267.0	15.34	277.2	15.70	285.0	16.00
		106.5	202.2	8.99	219.0	10.67	238.2	12.47	259.2	14.02	267.0	14.32	277.2	14.74	285.0	14.98
		133.1	202.2	8.75	219.0	10.43	238.2	12.17	259.2	13.72	267.0	14.08	277.2	14.44	285.0	14.56
		159.8	202.2	8.63	219.0	10.31	238.2	12.02	259.2	13.58	267.0	13.96	277.2	14.29	285.0	14.35
	104	42.6	202.2	11.87	219.0	13.77	238.2	16.02	259.2	18.03	267.0	18.46	277.2	18.94	285.0	19.24
		53.3	202.2	11.63	219.0	13.54	238.2	15.76	259.2	17.74	267.0	18.16	277.2	18.64	285.0	18.94
		106.5	202.2	10.67	219.0	12.65	238.2	14.74	259.2	16.60	267.0	16.96	277.2	17.44	285.0	17.74
		133.1	202.2	10.37	219.0	12.41	238.2	14.44	259.2	16.24	267.0	16.66	277.2	17.08	285.0	17.26
		159.8	202.2	10.22	219.0	12.29	238.2	14.29	259.2	16.06	267.0	16.51	277.2	16.90	285.0	17.02
	113	42.6	202.2	13.77	219.0	15.90	238.2	18.52	259.2	20.83	267.0	21.32	277.2	21.94	285.0	22.22
		53.3	202.2	13.48	219.0	15.64	238.2	18.22	259.2	20.50	267.0	20.98	277.2	21.58	285.0	21.88
		106.5	202.2	12.35	219.0	14.62	238.2	17.02	259.2	19.18	267.0	19.60	277.2	20.14	285.0	20.50
		133.1	202.2	11.99	219.0	14.38	238.2	16.72	259.2	18.76	267.0	19.24	277.2	19.72	285.0	19.96
		159.8	202.2	11.81	219.0	14.26	238.2	16.57	259.2	18.55	267.0	19.06	277.2	19.51	285.0	19.69
50	23	28.1	168.6	2.62	182.4	3.10	198.6	3.73	216.0	4.11	222.6	4.15	231.0	4.28	237.6	4.40
	32	31.5	168.6	2.62	182.4	3.10	198.6	3.73	216.0	4.11	222.6	4.15	231.0	4.28	237.6	4.40
	41	36.2	168.6	2.62	182.4	3.10	198.6	3.73	216.0	4.11	222.6	4.15	231.0	4.28	237.6	4.40
	50	42.6	168.6	2.62	182.4	3.10	198.6	3.73	216.0	4.11	222.6	4.15	231.0	4.28	237.6	4.40
		53.3	168.6	2.59	182.4	3.06	198.6	3.64	216.0	4.04	222.6	4.09	231.0	4.21	237.6	4.33
		106.5	168.6	2.49	182.4	2.88	198.6	3.28	216.0	3.75	222.6	3.87	231.0	3.92	237.6	4.04
		133.1	168.6	2.37	182.4	2.76	198.6	3.29	216.0	3.63	222.6	3.75	231.0	3.80	237.6	3.86
		159.8	168.6	2.31	182.4	2.70	198.6	3.29	216.0	3.57	222.6	3.69	231.0	3.74	237.6	3.77
	59	42.6	168.6	3.60	182.4	4.20	198.6	4.95	216.0	5.54	222.6	5.66	231.0	5.78	237.6	5.90
		53.3	168.6	3.54	182.4	4.14	198.6	4.85	216.0	5.45	222.6	5.57	231.0	5.69	237.6	5.81
		106.5	168.6	3.30	182.4	3.90	198.6	4.49	216.0	5.09	222.6	5.21	231.0	5.33	237.6	5.45
		133.1	168.6	3.18	182.4	3.78	198.6	4.43	216.0	4.97	222.6	5.09	231.0	5.21	237.6	5.27
		159.8	168.6	3.12	182.4	3.72	198.6	4.41	216.0	4.91	222.6	5.03	231.0	5.15	237.6	5.18

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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COOLING CAPACITY DATA

ARWN432BAS4, ARWB432BAS4
432,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
50	67	42.6	168.6	4.47	182.4	5.17	198.6	6.02	216.0	6.82	222.6	7.01	231.0	7.12	237.6	7.24
		53.3	168.6	4.38	182.4	5.09	198.6	5.93	216.0	6.71	222.6	6.89	231.0	7.01	237.6	7.13
		106.5	168.6	4.02	182.4	4.79	198.6	5.57	216.0	6.29	222.6	6.41	231.0	6.59	237.6	6.71
		133.1	168.6	3.90	182.4	4.67	198.6	5.45	216.0	6.17	222.6	6.29	231.0	6.47	237.6	6.53
		159.8	168.6	3.84	182.4	4.62	198.6	5.39	216.0	6.11	222.6	6.23	231.0	6.41	237.6	6.44
	75	42.6	168.6	5.44	182.4	6.34	198.6	7.37	216.0	8.27	222.6	8.53	231.0	8.71	237.6	8.90
		53.3	168.6	5.33	182.4	6.23	198.6	7.25	216.0	8.15	222.6	8.39	231.0	8.57	237.6	8.75
		106.5	168.6	4.91	182.4	5.81	198.6	6.77	216.0	7.67	222.6	7.85	231.0	8.03	237.6	8.15
		133.1	168.6	4.79	182.4	5.69	198.6	6.65	216.0	7.49	222.6	7.67	231.0	7.85	237.6	7.97
		159.8	168.6	4.73	182.4	5.63	198.6	6.59	216.0	7.40	222.6	7.58	231.0	7.76	237.6	7.88
	86	42.6	168.6	6.73	182.4	7.79	198.6	9.08	216.0	10.24	222.6	10.47	231.0	10.71	237.6	10.89
		53.3	168.6	6.59	182.4	7.67	198.6	8.93	216.0	10.07	222.6	10.31	231.0	10.55	237.6	10.73
		106.5	168.6	6.05	182.4	7.19	198.6	8.33	216.0	9.41	222.6	9.65	231.0	9.89	237.6	10.07
		133.1	168.6	5.87	182.4	7.01	198.6	8.15	216.0	9.23	222.6	9.47	231.0	9.71	237.6	9.77
		159.8	168.6	5.78	182.4	6.92	198.6	8.06	216.0	9.14	222.6	9.38	231.0	9.62	237.6	9.62
	95	42.6	168.6	7.46	182.4	8.65	198.6	10.12	216.0	11.33	222.6	11.64	231.0	11.94	237.6	12.12
		53.3	168.6	7.31	182.4	8.51	198.6	9.95	216.0	11.15	222.6	11.45	231.0	11.75	237.6	11.93
		106.5	168.6	6.71	182.4	7.97	198.6	9.29	216.0	10.43	222.6	10.67	231.0	10.97	237.6	11.15
		133.1	168.6	6.53	182.4	7.79	198.6	9.11	216.0	10.25	222.6	10.49	231.0	10.79	237.6	10.85
		159.8	168.6	6.44	182.4	7.70	198.6	9.02	216.0	10.16	222.6	10.40	231.0	10.70	237.6	10.70
	104	42.6	168.6	8.80	182.4	10.24	198.6	11.94	216.0	13.47	222.6	13.77	231.0	14.13	237.6	14.37
		53.3	168.6	8.63	182.4	10.07	198.6	11.75	216.0	13.24	222.6	13.54	231.0	13.90	237.6	14.14
		106.5	168.6	7.97	182.4	9.41	198.6	10.97	216.0	12.35	222.6	12.65	231.0	13.01	237.6	13.24
		133.1	168.6	7.73	182.4	9.23	198.6	10.79	216.0	12.11	222.6	12.41	231.0	12.77	237.6	12.89
		159.8	168.6	7.61	182.4	9.14	198.6	10.70	216.0	11.99	222.6	12.29	231.0	12.65	237.6	12.71
	113	42.6	168.6	10.13	182.4	11.82	198.6	13.77	216.0	15.62	222.6	15.90	231.0	16.32	237.6	16.62
		53.3	168.6	9.95	182.4	11.63	198.6	13.54	216.0	15.34	222.6	15.64	231.0	16.06	237.6	16.36
		106.5	168.6	9.23	182.4	10.85	198.6	12.65	216.0	14.26	222.6	14.62	231.0	15.04	237.6	15.34
		133.1	168.6	8.93	182.4	10.67	198.6	12.47	216.0	13.96	222.6	14.32	231.0	14.74	237.6	14.92
		159.8	168.6	8.78	182.4	10.58	198.6	12.38	216.0	13.81	222.6	14.17	231.0	14.59	237.6	14.71

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN072BAS4, ARWB072BAS4

72,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
130	23	8.1	38.3	4.28	38.0	4.03	37.8	3.75	37.3	3.64	37.7	3.55	36.7	3.18
		10.2	39.6	4.36	39.3	4.11	39.1	3.84	38.6	3.72	39.0	3.62	38.0	3.25
		20.3	44.8	4.65	44.5	4.42	44.2	4.16	43.6	4.04	44.2	3.93	43.0	3.53
		25.4	49.6	4.95	49.1	4.72	48.8	4.48	48.2	4.37	48.8	4.24	47.5	3.80
		30.5	52.0	5.10	51.5	4.88	51.1	4.65	50.5	4.53	51.2	4.39	49.8	3.94
	32	8.1	68.5	5.86	66.9	5.68	65.5	5.50	64.0	5.34	64.3	5.20	61.3	4.65
		10.2	68.9	5.87	67.3	5.70	65.9	5.51	64.4	5.36	64.6	5.21	61.7	4.67
		20.3	70.5	5.94	68.8	5.75	67.4	5.58	65.9	5.42	66.2	5.27	63.2	4.72
		25.4	71.6	5.94	69.8	5.75	68.4	5.58	66.9	5.42	67.1	5.27	64.1	4.72
		30.5	72.1	5.94	70.4	5.75	68.9	5.58	67.4	5.42	67.6	5.27	64.6	4.72
	41	8.1	98.6	6.30	97.1	6.14	95.1	5.98	92.7	5.82	90.2	5.66	85.2	5.06
		10.2	98.9	6.33	97.3	6.17	95.1	6.02	92.7	5.85	90.2	5.68	85.2	5.09
		20.3	100.3	6.44	98.0	6.28	95.2	6.14	92.7	5.97	90.2	5.80	85.2	5.20
		25.4	100.9	6.48	98.3	6.33	95.2	6.18	92.7	6.01	90.2	5.84	85.2	5.23
		30.5	101.2	6.50	98.4	6.35	95.2	6.20	92.7	6.03	90.2	5.86	85.2	5.25
	50	8.1	98.7	5.73	97.1	5.54	94.8	5.43	92.3	5.31	89.8	5.13	84.9	4.63
		10.2	99.3	5.72	97.6	5.54	95.2	5.44	92.7	5.31	90.2	5.13	85.2	4.63
		20.3	101.6	5.68	99.4	5.56	96.7	5.49	94.2	5.30	91.5	5.11	86.6	4.61
		25.4	102.2	5.75	100.1	5.64	97.3	5.51	94.6	5.32	92.2	5.20	87.1	4.83
		30.5	102.4	5.79	100.4	5.68	97.6	5.52	94.9	5.33	92.5	5.24	87.4	4.94
	59	8.1	98.9	5.16	97.1	4.94	94.4	4.89	91.9	4.81	89.5	4.61	84.5	4.20
		10.2	99.7	5.11	97.9	4.92	95.2	4.88	92.7	4.77	90.2	4.57	85.2	4.16
		20.3	102.9	4.91	100.8	4.84	98.2	4.84	95.7	4.63	92.9	4.43	87.9	4.02
		25.4	103.5	5.03	101.8	4.95	99.4	4.84	96.7	4.63	94.2	4.56	89.0	4.43
		30.5	103.7	5.09	102.3	5.01	100.0	4.84	97.2	4.63	94.8	4.62	89.5	4.63
	68	8.1	102.6	4.74	100.8	4.52	98.1	4.42	95.4	4.28	92.6	4.18	87.1	4.05
		10.2	103.5	4.70	101.6	4.51	98.9	4.41	96.1	4.29	93.4	4.21	87.9	4.02
		20.3	106.7	4.57	104.8	4.50	101.9	4.40	99.2	4.37	96.7	4.32	91.2	3.89
		25.4	107.1	4.57	105.6	4.50	103.1	4.43	100.1	4.37	97.4	4.32	91.9	4.13
		30.5	107.4	4.57	105.9	4.50	103.7	4.44	100.6	4.37	97.8	4.32	92.3	4.26
	77	8.1	108.4	4.52	105.6	4.39	103.1	4.31	101.1	4.24	98.9	4.18	93.2	3.90
		10.2	108.4	4.50	105.6	4.38	103.1	4.29	101.1	4.22	98.9	4.16	93.2	3.89
		20.3	108.4	4.43	105.6	4.35	103.1	4.22	101.1	4.16	98.9	4.09	93.2	3.81
		25.4	108.4	4.37	105.6	4.24	103.1	4.16	101.1	4.09	98.9	4.02	93.2	3.75
		30.5	108.4	4.33	105.6	4.18	103.1	4.13	101.1	4.05	98.9	3.98	93.2	3.72
	86	8.1	108.4	4.40	105.6	4.18	103.1	4.14	101.1	4.04	98.9	3.99	93.2	3.71
		10.2	108.4	4.37	105.6	4.17	103.1	4.12	101.1	4.02	98.9	3.96	93.2	3.68
		20.3	108.4	4.22	105.6	4.15	103.1	4.02	101.1	3.96	98.9	3.81	93.2	3.55
		25.4	108.4	4.16	105.6	4.03	103.1	3.96	101.1	3.89	98.9	3.81	93.2	3.55
		30.5	108.4	4.13	105.6	3.98	103.1	3.92	101.1	3.85	98.9	3.81	93.2	3.55
	95	8.1	108.4	4.20	105.6	4.06	103.1	3.97	101.1	3.83	98.9	3.70	93.2	3.44
		10.2	108.4	4.16	105.6	4.03	103.1	3.96	101.1	3.81	98.9	3.68	93.2	3.41
		20.3	108.4	4.02	105.6	3.94	103.1	3.89	101.1	3.75	98.9	3.61	93.2	3.27
		25.4	108.4	4.02	105.6	3.90	103.1	3.81	101.1	3.68	98.9	3.55	93.2	3.27
		30.5	108.4	4.02	105.6	3.88	103.1	3.78	101.1	3.65	98.9	3.52	93.2	3.27
	104	8.1	108.4	4.05	105.6	3.92	103.1	3.85	101.1	3.71	98.9	3.58	93.2	3.24
		10.2	108.4	4.02	105.6	3.90	103.1	3.81	101.1	3.68	98.9	3.55	93.2	3.20
		20.3	108.4	3.89	105.6	3.80	103.1	3.68	101.1	3.55	98.9	3.41	93.2	3.07
		25.4	108.4	3.81	105.6	3.74	103.1	3.68	101.1	3.55	98.9	3.41	93.2	3.07
		30.5	108.4	3.78	105.6	3.71	103.1	3.68	101.1	3.55	98.9	3.41	93.2	3.07
	113	8.1	108.4	3.92	105.6	3.79	103.1	3.73	101.1	3.60	98.9	3.46	93.2	3.03
		10.2	108.4	3.89	105.6	3.77	103.1	3.68	101.1	3.55	98.9	3.41	93.2	3.00
		20.3	108.4	3.75	105.6	3.67	103.1	3.48	101.1	3.34	98.9	3.20	93.2	2.86
		25.4	108.4	3.61	105.6	3.58	103.1	3.55	101.1	3.41	98.9	3.27	93.2	2.86
		30.5	108.4	3.54	105.6	3.53	103.1	3.58	101.1	3.44	98.9	3.31	93.2	2.86

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN072BAS4, ARWB072BAS4

72,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
120	23	8.1	36.4	4.28	36.1	4.03	35.9	3.75	35.5	3.60	35.8	3.49	34.8	3.12
		10.2	37.7	4.36	37.4	4.11	37.1	3.84	36.7	3.67	37.0	3.57	36.0	3.19
		20.3	42.6	4.65	42.3	4.42	42.0	4.16	41.5	3.98	41.9	3.87	40.8	3.47
		25.4	47.1	4.95	46.7	4.72	46.4	4.48	45.9	4.30	46.3	4.17	45.0	3.74
		30.5	49.3	5.10	49.0	4.88	48.6	4.65	48.1	4.46	48.5	4.33	47.1	3.87
	32	8.1	65.1	5.86	63.5	5.68	62.2	5.50	60.9	5.27	60.9	5.12	58.1	4.58
		10.2	65.5	5.87	63.9	5.70	62.5	5.51	61.3	5.28	61.3	5.13	58.5	4.59
		20.3	67.0	5.94	65.4	5.75	64.0	5.58	62.7	5.35	62.7	5.19	59.9	4.65
		25.4	68.0	5.94	66.5	5.75	65.0	5.58	63.7	5.35	63.6	5.19	60.8	4.65
		30.5	68.6	5.94	67.0	5.75	65.5	5.58	64.2	5.35	64.1	5.19	61.3	4.65
	41	8.1	93.8	6.30	92.4	6.14	90.4	5.98	88.2	5.73	85.4	5.57	80.8	4.99
		10.2	94.2	6.33	92.6	6.17	90.4	6.02	88.2	5.76	85.4	5.60	80.8	5.01
		20.3	95.5	6.44	93.3	6.28	90.4	6.14	88.2	5.88	85.4	5.71	80.8	5.11
		25.4	96.1	6.48	92.8	6.33	90.4	6.18	88.2	5.92	85.4	5.75	80.8	5.15
		30.5	96.3	6.50	92.5	6.35	90.4	6.20	88.2	5.94	85.4	5.78	80.8	5.17
	50	8.1	94.2	5.66	92.4	5.50	90.2	5.39	88.0	5.23	85.2	5.05	80.6	4.54
		10.2	94.6	5.68	92.8	5.52	90.4	5.41	88.2	5.23	85.4	5.05	80.8	4.55
		20.3	96.4	5.75	94.3	5.61	91.4	5.49	89.2	5.26	86.3	5.03	81.6	4.57
		25.4	96.9	5.73	94.0	5.61	91.8	5.51	89.6	5.28	86.7	5.06	82.0	4.72
		30.5	97.2	5.72	93.9	5.61	92.0	5.52	89.8	5.29	86.9	5.07	82.2	4.80
	59	8.1	94.5	5.02	92.6	4.87	89.9	4.79	87.7	4.72	85.0	4.53	80.3	4.11
		10.2	95.0	5.03	93.1	4.88	90.4	4.80	88.2	4.70	85.4	4.50	80.8	4.09
		20.3	97.2	5.07	95.4	4.92	92.5	4.84	90.2	4.63	87.2	4.37	82.5	4.02
		25.4	97.7	4.99	95.3	4.88	93.2	4.84	90.9	4.63	87.9	4.37	83.3	4.29
		30.5	98.0	4.95	95.3	4.86	93.6	4.84	91.3	4.63	88.3	4.37	83.6	4.43
	68	8.1	97.1	4.51	95.3	4.32	92.4	4.21	89.8	4.14	86.9	4.09	82.2	3.89
		10.2	97.7	4.51	95.8	4.34	92.9	4.22	90.4	4.16	87.5	4.09	82.7	3.87
		20.3	100.2	4.51	98.1	4.40	94.9	4.29	92.7	4.22	89.7	4.08	84.7	3.81
		25.4	100.7	4.47	98.0	4.37	95.7	4.29	93.2	4.22	90.2	4.09	85.2	3.96
		30.5	100.9	4.45	98.0	4.35	96.1	4.29	93.5	4.22	90.5	4.10	85.5	4.03
	77	8.1	101.8	4.27	98.9	4.07	95.7	3.99	93.7	3.90	91.2	3.83	86.2	3.56
		10.2	101.9	4.25	98.9	4.06	95.7	3.98	93.7	3.89	91.2	3.81	86.2	3.55
		20.3	102.1	4.19	98.9	4.03	95.7	3.96	93.7	3.81	91.2	3.75	86.2	3.48
		25.4	102.4	4.03	98.9	3.93	95.7	3.89	93.7	3.81	91.2	3.68	86.2	3.48
		30.5	102.6	3.96	98.9	3.87	95.7	3.85	93.7	3.81	91.2	3.65	86.2	3.48
	86	8.1	102.4	4.08	98.9	3.88	95.7	3.77	93.7	3.63	91.2	3.58	86.2	3.29
		10.2	102.4	4.05	98.9	3.86	95.7	3.75	93.7	3.61	91.2	3.55	86.2	3.27
		20.3	102.4	3.91	98.9	3.77	95.7	3.68	93.7	3.55	91.2	3.41	86.2	3.20
		25.4	102.4	3.79	98.9	3.68	95.7	3.61	93.7	3.55	91.2	3.41	86.2	3.14
		30.5	102.4	3.72	98.9	3.64	95.7	3.57	93.7	3.55	91.2	3.41	86.2	3.11
	95	8.1	102.4	3.90	98.9	3.69	95.7	3.58	93.7	3.44	91.2	3.31	86.2	3.01
		10.2	102.4	3.84	98.9	3.65	95.7	3.55	93.7	3.41	91.2	3.27	86.2	3.00
		20.3	102.4	3.62	98.9	3.52	95.7	3.41	93.7	3.27	91.2	3.14	86.2	2.93
		25.4	102.4	3.58	98.9	3.49	95.7	3.41	93.7	3.27	91.2	3.14	86.2	2.86
		30.5	102.4	3.56	98.9	3.48	95.7	3.41	93.7	3.27	91.2	3.14	86.2	2.83
	104	8.1	102.4	3.78	98.9	3.52	95.7	3.38	93.7	3.24	91.2	3.10	86.2	2.81
		10.2	102.4	3.71	98.9	3.48	95.7	3.34	93.7	3.20	91.2	3.07	86.2	2.79
		20.3	102.4	3.42	98.9	3.31	95.7	3.20	93.7	3.07	91.2	2.93	86.2	2.73
		25.4	102.4	3.38	98.9	3.27	95.7	3.20	93.7	3.07	91.2	2.93	86.2	2.66
		30.5	102.4	3.36	98.9	3.25	95.7	3.20	93.7	3.07	91.2	2.93	86.2	2.62
	113	8.1	102.4	3.67	98.9	3.35	95.7	3.17	93.7	3.03	91.2	2.90	86.2	2.60
		10.2	102.4	3.58	98.9	3.30	95.7	3.14	93.7	3.00	91.2	2.86	86.2	2.59
		20.3	102.4	3.22	98.9	3.11	95.7	3.00	93.7	2.86	91.2	2.73	86.2	2.52
		25.4	102.4	3.17	98.9	3.05	95.7	3.00	93.7	2.86	91.2	2.73	86.2	2.45
		30.5	102.4	3.15	98.9	3.02	95.7	3.00	93.7	2.86	91.2	2.73	86.2	2.42

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN072BAS4, ARWB072BAS4

72,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
110	23	8.1	34.5	4.34	34.2	4.03	34.0	3.75	33.7	3.60	33.7	3.49	33.0	3.12
		10.2	35.6	4.41	35.4	4.11	35.2	3.84	34.8	3.67	34.9	3.57	34.1	3.19
		20.3	40.3	4.71	40.1	4.42	39.9	4.16	39.4	3.98	39.4	3.87	38.7	3.47
		25.4	44.5	5.01	44.2	4.72	44.0	4.48	43.6	4.30	43.6	4.17	42.6	3.74
		30.5	46.7	5.17	46.3	4.88	46.1	4.65	45.6	4.46	45.6	4.33	44.7	3.87
	32	8.1	61.6	5.94	60.2	5.68	59.0	5.50	57.8	5.27	57.3	5.12	55.1	4.58
		10.2	61.9	5.95	60.6	5.70	59.3	5.51	58.2	5.28	57.6	5.13	55.5	4.59
		20.3	63.4	6.01	62.0	5.75	60.7	5.58	59.5	5.35	59.0	5.19	56.7	4.65
		25.4	64.3	6.01	63.0	5.75	61.6	5.58	60.4	5.35	59.9	5.19	57.6	4.65
		30.5	64.8	6.01	63.5	5.75	62.1	5.58	60.9	5.35	60.4	5.19	58.0	4.65
	41	8.1	89.8	6.38	87.7	6.14	85.7	5.98	83.7	5.73	80.5	5.57	76.6	4.99
		10.2	90.1	6.41	87.9	6.17	85.7	6.02	83.7	5.76	80.5	5.60	76.6	5.01
		20.3	91.3	6.52	88.5	6.28	85.7	6.14	83.7	5.88	80.5	5.71	76.6	5.11
		25.4	91.9	6.57	88.8	6.33	85.7	6.18	83.7	5.92	80.5	5.75	76.6	5.15
		30.5	92.1	6.59	88.9	6.35	85.7	6.20	83.7	5.94	80.5	5.78	76.6	5.17
	50	8.1	90.2	5.72	87.9	5.53	85.5	5.41	83.6	5.23	80.3	5.05	76.5	4.54
		10.2	90.5	5.73	88.2	5.54	85.7	5.42	83.7	5.23	80.5	5.05	76.6	4.55
		20.3	91.9	5.78	89.1	5.61	86.2	5.49	84.2	5.26	81.0	5.03	76.9	4.57
		25.4	92.4	5.78	89.4	5.61	86.5	5.47	84.4	5.25	81.2	5.06	77.2	4.62
		30.5	92.6	5.78	89.6	5.61	86.7	5.47	84.5	5.24	81.2	5.07	77.3	4.64
	59	8.1	90.4	5.06	88.1	4.92	85.5	4.84	83.5	4.72	80.2	4.53	76.4	4.11
		10.2	90.8	5.06	88.4	4.92	85.7	4.84	83.7	4.70	80.5	4.50	76.6	4.09
		20.3	92.3	5.03	89.7	4.92	86.7	4.84	84.7	4.63	81.5	4.37	77.3	4.02
		25.4	92.8	4.99	90.1	4.88	87.2	4.77	85.0	4.57	81.8	4.37	77.8	4.09
		30.5	93.1	4.97	90.3	4.86	87.4	4.74	85.1	4.54	81.9	4.37	78.0	4.13
	68	8.1	92.1	4.37	89.6	4.27	86.7	4.16	84.4	4.09	81.3	3.97	77.0	3.72
		10.2	92.6	4.38	89.9	4.27	87.0	4.16	84.7	4.09	81.5	3.96	77.3	3.71
		20.3	94.6	4.41	91.1	4.27	87.9	4.16	86.0	4.09	82.5	3.89	78.5	3.68
		25.4	95.1	4.41	91.9	4.27	88.5	4.16	86.2	4.02	83.0	3.89	78.7	3.68
		30.5	95.4	4.41	92.2	4.27	88.7	4.16	86.3	3.98	83.2	3.89	78.9	3.68
	77	8.1	95.0	3.98	92.2	3.83	88.5	3.77	86.5	3.63	83.5	3.49	79.0	3.20
		10.2	95.2	3.97	92.2	3.81	88.5	3.75	86.5	3.61	83.5	3.48	79.0	3.20
		20.3	95.9	3.94	92.2	3.75	88.5	3.68	86.5	3.55	83.5	3.41	79.0	3.20
		25.4	96.4	3.94	92.2	3.77	88.5	3.61	86.5	3.55	83.5	3.34	79.0	3.14
		30.5	96.6	3.94	92.2	3.77	88.5	3.57	86.5	3.55	83.5	3.31	79.0	3.11
	86	8.1	96.4	3.63	92.2	3.49	88.5	3.36	86.5	3.29	83.5	3.09	79.0	2.88
		10.2	96.4	3.61	92.2	3.48	88.5	3.34	86.5	3.27	83.5	3.07	79.0	2.86
		20.3	96.4	3.55	92.2	3.41	88.5	3.27	86.5	3.20	83.5	3.00	79.0	2.79
		25.4	96.4	3.52	92.2	3.34	88.5	3.20	86.5	3.14	83.5	3.00	79.0	2.79
		30.5	96.4	3.50	92.2	3.31	88.5	3.17	86.5	3.11	83.5	3.00	79.0	2.79
	95	8.1	96.4	3.44	92.2	3.22	88.5	3.09	86.5	2.95	83.5	2.81	79.0	2.60
		10.2	96.4	3.41	92.2	3.20	88.5	3.07	86.5	2.93	83.5	2.79	79.0	2.59
		20.3	96.4	3.27	92.2	3.14	88.5	3.00	86.5	2.86	83.5	2.73	79.0	2.52
		25.4	96.4	3.19	92.2	3.07	88.5	2.93	86.5	2.86	83.5	2.73	79.0	2.52
		30.5	96.4	3.14	92.2	3.03	88.5	2.90	86.5	2.86	83.5	2.73	79.0	2.52
	104	8.1	96.4	3.24	92.2	3.10	88.5	2.90	86.5	2.75	83.5	2.60	79.0	2.40
		10.2	96.4	3.20	92.2	3.07	88.5	2.86	86.5	2.73	83.5	2.59	79.0	2.38
		20.3	96.4	3.07	92.2	2.93	88.5	2.73	86.5	2.66	83.5	2.52	79.0	2.32
		25.4	96.4	3.03	92.2	2.86	88.5	2.73	86.5	2.59	83.5	2.45	79.0	2.25
		30.5	96.4	3.00	92.2	2.83	88.5	2.73	86.5	2.55	83.5	2.42	79.0	2.21
	113	8.1	96.4	3.03	92.2	2.99	88.5	2.71	86.5	2.54	83.5	2.40	79.0	2.20
		10.2	96.4	3.00	92.2	2.93	88.5	2.66	86.5	2.52	83.5	2.38	79.0	2.18
		20.3	96.4	2.86	92.2	2.73	88.5	2.45	86.5	2.45	83.5	2.32	79.0	2.12
		25.4	96.4	2.86	92.2	2.66	88.5	2.52	86.5	2.32	83.5	2.18	79.0	1.97
		30.5	96.4	2.86	92.2	2.62	88.5	2.56	86.5	2.25	83.5	2.11	79.0	1.90

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN072BAS4, ARWB072BAS4

72,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
100	23	8.1	32.6	4.34	32.3	4.09	32.2	3.75	31.9	3.60	31.6	3.44	31.0	3.12
		10.2	33.7	4.41	33.5	4.17	33.3	3.84	33.0	3.67	32.7	3.51	32.1	3.19
		20.3	38.1	4.71	37.9	4.48	37.7	4.16	37.3	3.98	37.0	3.81	36.4	3.47
		25.4	42.1	5.01	41.8	4.79	41.6	4.48	41.2	4.30	40.9	4.11	40.2	3.74
		30.5	44.1	5.17	43.8	4.94	43.6	4.65	43.2	4.46	42.9	4.26	42.1	3.87
	32	8.1	58.2	5.94	56.9	5.76	55.7	5.50	54.8	5.27	53.8	5.04	51.9	4.58
		10.2	58.5	5.95	57.3	5.78	56.1	5.51	55.1	5.28	54.1	5.06	52.2	4.59
		20.3	59.9	6.01	58.6	5.83	57.3	5.58	56.4	5.35	55.4	5.11	53.4	4.65
		25.4	60.8	6.01	59.5	5.83	58.2	5.58	57.2	5.35	56.2	5.11	54.3	4.65
		30.5	61.3	6.01	60.0	5.83	58.7	5.58	57.6	5.35	56.6	5.11	54.7	4.65
	41	8.1	85.9	6.38	83.0	6.23	80.9	5.98	79.3	5.73	75.5	5.49	72.0	4.99
		10.2	86.2	6.41	83.2	6.25	80.9	6.02	79.3	5.76	75.5	5.51	72.0	5.01
		20.3	87.4	6.52	83.8	6.37	81.0	6.14	79.3	5.88	75.5	5.63	72.0	5.11
		25.4	87.9	6.57	84.0	6.41	81.0	6.18	79.3	5.92	75.5	5.66	72.0	5.15
		30.5	88.2	6.59	84.1	6.43	81.0	6.20	79.3	5.94	75.5	5.68	72.0	5.17
	50	8.1	86.4	5.71	83.3	5.58	81.0	5.41	79.3	5.23	75.5	4.97	72.0	4.54
		10.2	86.6	5.73	83.4	5.60	81.0	5.42	79.3	5.23	75.5	4.97	72.0	4.55
		20.3	87.4	5.84	83.9	5.67	81.0	5.49	79.3	5.26	75.5	4.99	72.0	4.57
		25.4	88.0	5.82	84.2	5.67	81.0	5.47	79.3	5.25	75.5	4.98	72.0	4.55
		30.5	88.3	5.81	84.4	5.67	81.0	5.47	79.3	5.24	75.5	4.97	72.0	4.54
	59	8.1	86.8	5.03	83.7	4.95	81.0	4.84	79.3	4.72	75.5	4.44	72.0	4.11
		10.2	87.0	5.06	83.7	4.95	81.0	4.84	79.3	4.70	75.5	4.43	72.0	4.09
		20.3	87.4	5.15	83.9	4.96	81.0	4.84	79.3	4.63	75.5	4.37	72.0	4.02
		25.4	88.2	5.07	84.4	4.92	81.0	4.77	79.3	4.57	75.5	4.29	72.0	3.96
		30.5	88.5	5.03	84.6	4.90	81.0	4.74	79.3	4.54	75.5	4.26	72.0	3.92
	68	8.1	87.3	4.30	84.1	4.19	81.0	4.09	79.3	4.04	75.5	3.77	72.0	3.58
		10.2	87.6	4.32	84.2	4.20	81.0	4.09	79.3	4.02	75.5	3.75	72.0	3.55
		20.3	88.9	4.40	84.4	4.21	81.0	4.09	79.3	3.96	75.5	3.68	72.0	3.41
		25.4	89.4	4.32	85.1	4.17	81.0	4.02	79.3	3.89	75.5	3.61	72.0	3.34
		30.5	89.7	4.28	85.5	4.16	81.0	3.98	79.3	3.85	75.5	3.57	72.0	3.31
	77	8.1	88.4	3.76	85.4	3.64	81.0	3.49	79.3	3.36	75.5	3.16	72.0	2.86
		10.2	88.7	3.77	85.4	3.62	81.0	3.48	79.3	3.34	75.5	3.14	72.0	2.86
		20.3	90.0	3.78	85.4	3.55	81.0	3.41	79.3	3.27	75.5	3.07	72.0	2.86
		25.4	90.4	3.70	85.4	3.52	81.0	3.34	79.3	3.20	75.5	3.07	72.0	2.79
		30.5	90.6	3.65	85.4	3.50	81.0	3.31	79.3	3.17	75.5	3.07	72.0	2.76
	86	8.1	90.4	3.42	85.4	3.16	81.0	2.94	79.3	2.88	75.5	2.66	72.0	2.54
		10.2	90.4	3.41	85.4	3.14	81.0	2.93	79.3	2.86	75.5	2.66	72.0	2.52
		20.3	90.4	3.34	85.4	3.07	81.0	2.91	79.3	2.79	75.5	2.66	72.0	2.45
		25.4	90.4	3.27	85.4	3.07	81.0	2.86	79.3	2.79	75.5	2.59	72.0	2.45
		30.5	90.4	3.24	85.4	3.07	81.0	2.84	79.3	2.79	75.5	2.55	72.0	2.45
	95	8.1	90.4	3.17	85.4	2.90	81.0	2.60	79.3	2.54	75.5	2.40	72.0	2.20
		10.2	90.4	3.14	85.4	2.86	81.0	2.59	79.3	2.52	75.5	2.38	72.0	2.18
		20.3	90.4	3.00	85.4	2.73	81.0	2.56	79.3	2.45	75.5	2.32	72.0	2.12
		25.4	90.4	3.00	85.4	2.73	81.0	2.52	79.3	2.45	75.5	2.32	72.0	2.12
		30.5	90.4	3.00	85.4	2.73	81.0	2.51	79.3	2.45	75.5	2.32	72.0	2.12
	104	8.1	90.4	2.97	85.4	2.69	81.0	2.33	79.3	2.27	75.5	2.13	72.0	1.99
		10.2	90.4	2.93	85.4	2.66	81.0	2.32	79.3	2.25	75.5	2.12	72.0	1.97
		20.3	90.4	2.79	85.4	2.52	81.0	2.29	79.3	2.18	75.5	2.05	72.0	1.91
		25.4	90.4	2.73	85.4	2.52	81.0	2.25	79.3	2.18	75.5	2.05	72.0	1.91
		30.5	90.4	2.70	85.4	2.52	81.0	2.23	79.3	2.18	75.5	2.05	72.0	1.91
	113	8.1	90.4	2.76	85.4	2.49	81.0	2.05	79.3	1.99	75.5	1.86	72.0	1.79
		10.2	90.4	2.73	85.4	2.45	81.0	2.05	79.3	1.97	75.5	1.84	72.0	1.77
		20.3	90.4	2.59	85.4	2.32	81.0	2.02	79.3	1.91	75.5	1.77	72.0	1.71
		25.4	90.4	2.45	85.4	2.32	81.0	1.97	79.3	1.91	75.5	1.77	72.0	1.71
		30.5	90.4	2.39	85.4	2.32	81.0	1.95	79.3	1.91	75.5	1.77	72.0	1.71

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN072BAS4, ARWB072BAS4

72,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
90	23	8.1	30.7	4.03	29.8	3.67	28.9	3.22	28.7	3.07	28.5	2.96	28.0	2.66
		10.2	31.8	4.10	30.8	3.74	29.9	3.29	29.7	3.14	29.5	3.03	28.9	2.71
		20.3	36.0	4.37	34.9	4.01	33.8	3.58	33.6	3.41	33.4	3.29	32.7	2.95
		25.4	39.8	4.65	38.5	4.29	37.4	3.86	37.1	3.67	36.8	3.54	36.2	3.18
		30.5	41.7	4.79	40.3	4.44	39.2	4.00	38.8	3.81	38.6	3.67	37.9	3.30
	32	8.1	55.0	5.49	52.4	5.15	50.0	4.73	49.3	4.51	48.5	4.34	46.7	3.90
		10.2	55.3	5.50	52.7	5.16	50.3	4.74	49.6	4.52	48.8	4.35	46.9	3.91
		20.3	56.6	5.56	53.9	5.22	51.5	4.79	50.7	4.57	49.9	4.40	48.1	3.95
		25.4	57.4	5.56	54.8	5.22	52.4	4.79	51.5	4.57	50.7	4.40	48.8	3.95
		30.5	57.8	5.56	55.2	5.22	52.8	4.79	51.8	4.57	51.1	4.40	49.2	3.95
	41	8.1	77.7	5.89	75.2	5.56	72.8	5.14	71.3	4.90	68.1	4.72	64.9	4.24
		10.2	77.8	5.92	75.1	5.58	72.8	5.17	71.3	4.93	68.1	4.75	64.9	4.26
		20.3	78.1	6.02	74.9	5.69	72.8	5.27	71.3	5.03	68.1	4.84	64.9	4.34
		25.4	78.5	6.06	75.1	5.73	72.8	5.31	71.3	5.06	68.1	4.88	64.9	4.38
		30.5	78.7	6.08	75.2	5.74	72.8	5.33	71.3	5.08	68.1	4.90	64.9	4.40
	50	8.1	78.1	5.20	75.4	4.94	72.8	4.66	71.3	4.47	68.1	4.28	64.9	3.86
		10.2	78.1	5.20	75.3	4.95	72.8	4.66	71.3	4.47	68.1	4.28	64.9	3.86
		20.3	77.9	5.22	75.0	4.97	72.8	4.68	71.3	4.49	68.1	4.27	64.9	3.88
		25.4	78.4	5.20	75.2	4.96	72.8	4.67	71.3	4.48	68.1	4.28	64.9	3.89
		30.5	78.7	5.20	75.3	4.95	72.8	4.66	71.3	4.47	68.1	4.29	64.9	3.90
	59	8.1	78.5	4.50	75.7	4.34	72.8	4.18	71.3	4.04	68.1	3.85	64.9	3.49
		10.2	78.4	4.48	75.6	4.32	72.8	4.16	71.3	4.02	68.1	3.81	64.9	3.48
		20.3	77.8	4.41	75.0	4.25	72.8	4.09	71.3	3.96	68.1	3.68	64.9	3.41
		25.4	78.4	4.35	75.3	4.19	72.8	4.02	71.3	3.89	68.1	3.68	64.9	3.41
		30.5	78.6	4.32	75.4	4.16	72.8	3.98	71.3	3.85	68.1	3.68	64.9	3.41
	68	8.1	79.0	3.80	76.0	3.69	72.8	3.56	71.3	3.42	68.1	3.31	64.9	3.10
		10.2	78.9	3.80	75.9	3.68	72.8	3.55	71.3	3.41	68.1	3.27	64.9	3.07
		20.3	78.6	3.80	75.3	3.64	72.8	3.48	71.3	3.34	68.1	3.14	64.9	2.93
		25.4	78.8	3.74	75.5	3.61	72.8	3.48	71.3	3.34	68.1	3.14	64.9	2.93
		30.5	78.9	3.71	75.6	3.60	72.8	3.48	71.3	3.34	68.1	3.14	64.9	2.93
	77	8.1	80.3	3.32	77.0	3.15	72.8	3.01	71.3	2.86	68.1	2.75	64.9	2.54
		10.2	80.5	3.31	77.0	3.14	72.8	3.00	71.3	2.86	68.1	2.73	64.9	2.52
		20.3	81.2	3.29	77.0	3.11	72.8	2.93	71.3	2.86	68.1	2.66	64.9	2.45
		25.4	81.5	3.20	77.0	3.04	72.8	2.93	71.3	2.79	68.1	2.66	64.9	2.45
		30.5	81.7	3.16	77.0	3.00	72.8	2.93	71.3	2.76	68.1	2.66	64.9	2.45
	86	8.1	81.5	3.01	77.0	2.81	72.8	2.60	71.3	2.54	68.1	2.40	64.9	2.18
		10.2	81.5	3.00	77.0	2.79	72.8	2.59	71.3	2.52	68.1	2.38	64.9	2.18
		20.3	81.5	2.93	77.0	2.73	72.8	2.52	71.3	2.45	68.1	2.32	64.9	2.18
		25.4	81.5	2.86	77.0	2.66	72.8	2.52	71.3	2.45	68.1	2.32	64.9	2.12
		30.5	81.5	2.83	77.0	2.62	72.8	2.52	71.3	2.45	68.1	2.32	64.9	2.08
	95	8.1	81.5	2.75	77.0	2.54	72.8	2.34	71.3	2.27	68.1	2.13	64.9	1.99
		10.2	81.5	2.73	77.0	2.52	72.8	2.32	71.3	2.25	68.1	2.12	64.9	1.97
		20.3	81.5	2.66	77.0	2.45	72.8	2.25	71.3	2.18	68.1	2.05	64.9	1.91
		25.4	81.5	2.59	77.0	2.38	72.8	2.18	71.3	2.12	68.1	2.05	64.9	1.91
		30.5	81.5	2.55	77.0	2.35	72.8	2.14	71.3	2.08	68.1	2.05	64.9	1.91
	104	8.1	81.5	2.56	77.0	2.34	72.8	2.06	71.3	1.99	68.1	1.93	64.9	1.79
		10.2	81.5	2.52	77.0	2.32	72.8	2.05	71.3	1.97	68.1	1.91	64.9	1.77
		20.3	81.5	2.38	77.0	2.25	72.8	1.97	71.3	1.91	68.1	1.84	64.9	1.71
		25.4	81.5	2.38	77.0	2.25	72.8	1.97	71.3	1.91	68.1	1.84	64.9	1.71
		30.5	81.5	2.38	77.0	2.25	72.8	1.97	71.3	1.91	68.1	1.84	64.9	1.71
	113	8.1	81.5	2.37	77.0	2.13	72.8	1.79	71.3	1.72	68.1	1.72	64.9	1.58
		10.2	81.5	2.32	77.0	2.12	72.8	1.77	71.3	1.71	68.1	1.71	64.9	1.57
		20.3	81.5	2.12	77.0	2.05	72.8	1.71	71.3	1.64	68.1	1.64	64.9	1.50
		25.4	81.5	2.18	77.0	2.12	72.8	1.77	71.3	1.71	68.1	1.64	64.9	1.50
		30.5	81.5	2.21	77.0	2.15	72.8	1.80	71.3	1.74	68.1	1.64	64.9	1.50

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN072BAS4, ARWB072BAS4

72,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
80	23	8.1	29.1	2.87	27.2	2.76	25.8	2.64	25.5	2.55	25.3	2.44	24.8	2.24
		10.2	30.1	2.93	28.2	2.82	26.7	2.70	26.4	2.61	26.2	2.49	25.7	2.29
		20.3	34.0	3.19	31.9	3.06	30.1	2.93	29.8	2.83	29.7	2.70	29.1	2.48
		25.4	37.6	3.43	35.2	3.30	33.3	3.16	32.9	3.05	32.8	2.91	32.1	2.68
		30.5	39.4	3.56	36.9	3.42	34.9	3.28	34.5	3.17	34.3	3.02	33.6	2.78
	32	8.1	51.9	4.21	47.9	4.04	44.6	3.87	43.7	3.74	43.1	3.56	41.5	3.28
		10.2	52.2	4.22	48.1	4.05	44.8	3.89	44.0	3.75	43.4	3.58	41.7	3.29
		20.3	53.5	4.27	49.3	4.10	45.9	3.93	45.1	3.79	44.5	3.62	42.7	3.33
		25.4	54.3	4.27	50.0	4.10	46.6	3.93	45.7	3.79	45.1	3.62	43.4	3.33
		30.5	54.6	4.27	50.4	4.10	47.0	3.93	46.1	3.79	45.5	3.62	43.7	3.33
	41	8.1	71.8	4.58	67.8	4.41	64.8	4.21	63.4	4.07	60.7	3.88	57.6	3.57
		10.2	72.0	4.60	67.9	4.43	64.8	4.23	63.4	4.09	60.7	3.90	57.6	3.59
		20.3	72.6	4.70	68.4	4.51	64.9	4.32	63.4	4.17	60.7	3.98	57.6	3.67
		25.4	72.6	4.73	68.3	4.55	64.9	4.35	63.4	4.20	60.7	4.01	57.6	3.69
		30.5	72.6	4.75	68.3	4.57	64.9	4.37	63.4	4.22	60.7	4.02	57.6	3.70
	50	8.1	72.2	4.22	68.0	4.02	64.8	3.82	63.4	3.71	60.7	3.52	57.6	3.26
		10.2	72.3	4.21	68.1	4.02	64.8	3.82	63.4	3.72	60.7	3.52	57.6	3.26
		20.3	72.6	4.19	68.4	4.00	64.9	3.83	63.4	3.72	60.7	3.53	57.6	3.26
		25.4	72.6	4.17	68.3	4.01	64.9	3.84	63.4	3.70	60.7	3.50	57.6	3.24
		30.5	72.6	4.17	68.3	4.02	64.9	3.85	63.4	3.69	60.7	3.49	57.6	3.23
	59	8.1	72.6	3.85	68.3	3.64	64.9	3.42	63.4	3.36	60.7	3.16	57.6	2.95
		10.2	72.6	3.81	68.3	3.61	64.9	3.41	63.4	3.34	60.7	3.14	57.6	2.93
		20.3	72.6	3.68	68.3	3.48	64.9	3.34	63.4	3.27	60.7	3.07	57.6	2.86
		25.4	72.6	3.61	68.3	3.48	64.9	3.34	63.4	3.20	60.7	3.00	57.6	2.79
		30.5	72.6	3.57	68.3	3.48	64.9	3.34	63.4	3.17	60.7	2.96	57.6	2.76
	68	8.1	72.6	3.22	68.3	3.09	64.9	2.93	63.4	2.88	60.7	2.75	57.6	2.54
		10.2	72.6	3.20	68.3	3.07	64.9	2.93	63.4	2.86	60.7	2.73	57.6	2.52
		20.3	72.6	3.14	68.3	3.00	64.9	2.93	63.4	2.79	60.7	2.66	57.6	2.45
		25.4	72.6	3.07	68.3	2.93	64.9	2.86	63.4	2.79	60.7	2.59	57.6	2.45
		30.5	72.6	3.03	68.3	2.90	64.9	2.83	63.4	2.79	60.7	2.55	57.6	2.45
	77	8.1	72.6	2.88	68.3	2.68	64.9	2.52	63.4	2.47	60.7	2.34	57.6	2.20
		10.2	72.6	2.86	68.3	2.66	64.9	2.52	63.4	2.45	60.7	2.32	57.6	2.18
		20.3	72.6	2.79	68.3	2.59	64.9	2.52	63.4	2.38	60.7	2.25	57.6	2.12
		25.4	72.6	2.73	68.3	2.59	64.9	2.45	63.4	2.38	60.7	2.25	57.6	2.12
		30.5	72.6	2.70	68.3	2.59	64.9	2.42	63.4	2.38	60.7	2.25	57.6	2.12
	86	8.1	72.6	2.54	68.3	2.40	64.9	2.27	63.4	2.20	60.7	2.06	57.6	1.93
		10.2	72.6	2.52	68.3	2.38	64.9	2.25	63.4	2.18	60.7	2.05	57.6	1.91
		20.3	72.6	2.45	68.3	2.32	64.9	2.18	63.4	2.12	60.7	1.97	57.6	1.84
		25.4	72.6	2.45	68.3	2.32	64.9	2.18	63.4	2.12	60.7	1.97	57.6	1.84
		30.5	72.6	2.45	68.3	2.32	64.9	2.18	63.4	2.12	60.7	1.97	57.6	1.84
	95	8.1	72.6	2.34	68.3	2.20	64.9	1.99	63.4	1.91	60.7	1.86	57.6	1.71
		10.2	72.6	2.32	68.3	2.18	64.9	1.97	63.4	1.91	60.7	1.84	57.6	1.71
		20.3	72.6	2.25	68.3	2.12	64.9	1.91	63.4	1.91	60.7	1.77	57.6	1.71
		25.4	72.6	2.25	68.3	2.05	64.9	1.91	63.4	1.84	60.7	1.77	57.6	1.64
		30.5	72.6	2.25	68.3	2.01	64.9	1.91	63.4	1.80	60.7	1.77	57.6	1.60
	104	8.1	72.6	2.21	68.3	1.99	64.9	1.77	63.4	1.79	60.7	1.64	57.6	1.58
		10.2	72.6	2.18	68.3	1.97	64.9	1.77	63.4	1.77	60.7	1.64	57.6	1.57
		20.3	72.6	2.05	68.3	1.91	64.9	1.77	63.4	1.71	60.7	1.64	57.6	1.50
		25.4	72.6	2.05	68.3	1.91	64.9	1.71	63.4	1.71	60.7	1.64	57.6	1.50
		30.5	72.6	2.05	68.3	1.91	64.9	1.67	63.4	1.71	60.7	1.64	57.6	1.50
	113	8.1	72.6	2.10	68.3	1.79	64.9	1.55	63.4	1.67	60.7	1.41	57.6	1.47
		10.2	72.6	2.05	68.3	1.77	64.9	1.57	63.4	1.64	60.7	1.43	57.6	1.43
		20.3	72.6	1.84	68.3	1.71	64.9	1.64	63.4	1.50	60.7	1.50	57.6	1.30
		25.4	72.6	1.84	68.3	1.77	64.9	1.50	63.4	1.57	60.7	1.50	57.6	1.36
		30.5	72.6	1.84	68.3	1.80	64.9	1.43	63.4	1.60	60.7	1.50	57.6	1.39

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN072BAS4, ARWB072BAS4

72,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
70	23	8.1	25.3	2.46	23.8	2.35	22.5	2.27	22.3	2.14	22.1	2.06	21.8	1.88
		10.2	26.2	2.52	24.6	2.40	23.3	2.32	23.1	2.19	22.9	2.11	22.5	1.92
		20.3	29.7	2.73	27.9	2.60	26.3	2.52	26.1	2.37	25.9	2.28	25.5	2.08
		25.4	32.9	2.95	30.8	2.81	29.1	2.71	28.9	2.55	28.6	2.47	28.1	2.24
		30.5	34.4	3.06	32.3	2.91	30.5	2.81	30.3	2.65	30.0	2.56	29.4	2.32
	32	8.1	45.4	3.61	41.9	3.44	39.0	3.32	38.3	3.13	37.7	3.02	36.3	2.75
		10.2	45.7	3.62	42.2	3.45	39.2	3.34	38.5	3.14	37.9	3.03	36.5	2.76
		20.3	46.7	3.66	43.2	3.48	40.1	3.38	39.4	3.17	38.8	3.07	37.4	2.79
		25.4	47.4	3.66	43.9	3.48	40.7	3.38	40.0	3.17	39.4	3.07	38.0	2.79
		30.5	47.7	3.66	44.2	3.48	41.0	3.38	40.3	3.17	39.7	3.07	38.3	2.79
	41	8.1	62.7	3.93	59.4	3.74	56.6	3.62	55.4	3.41	52.9	3.29	50.4	2.99
		10.2	62.8	3.95	59.5	3.76	56.6	3.64	55.4	3.43	52.9	3.31	50.4	3.00
		20.3	63.4	4.03	60.0	3.84	56.7	3.72	55.4	3.49	52.9	3.38	50.4	3.07
		25.4	63.4	4.05	59.9	3.86	56.7	3.74	55.4	3.52	52.9	3.40	50.4	3.09
		30.5	63.4	4.07	59.9	3.88	56.7	3.76	55.4	3.53	52.9	3.41	50.4	3.10
	50	8.1	63.0	3.62	59.6	3.42	56.7	3.29	55.4	3.11	52.9	2.98	50.4	2.73
		10.2	63.1	3.61	59.7	3.41	56.7	3.29	55.4	3.11	52.9	2.98	50.4	2.73
		20.3	63.4	3.58	59.9	3.38	56.7	3.26	55.4	3.11	52.9	2.98	50.4	2.73
		25.4	63.4	3.60	59.9	3.40	56.7	3.27	55.4	3.12	52.9	2.96	50.4	2.74
		30.5	63.4	3.60	59.9	3.41	56.7	3.28	55.4	3.13	52.9	2.95	50.4	2.74
	59	8.1	63.4	3.31	59.9	3.10	56.7	2.97	55.4	2.81	52.9	2.68	50.4	2.47
		10.2	63.4	3.27	59.9	3.07	56.7	2.93	55.4	2.79	52.9	2.66	50.4	2.45
		20.3	63.4	3.14	59.9	2.93	56.7	2.79	55.4	2.73	52.9	2.59	50.4	2.38
		25.4	63.4	3.14	59.9	2.93	56.7	2.79	55.4	2.73	52.9	2.52	50.4	2.38
		30.5	63.4	3.14	59.9	2.93	56.7	2.79	55.4	2.73	52.9	2.49	50.4	2.38
	68	8.1	63.4	2.75	59.9	2.60	56.7	2.54	55.4	2.47	52.9	2.34	50.4	2.20
		10.2	63.4	2.73	59.9	2.59	56.7	2.52	55.4	2.45	52.9	2.32	50.4	2.18
		20.3	63.4	2.66	59.9	2.52	56.7	2.45	55.4	2.38	52.9	2.25	50.4	2.12
		25.4	63.4	2.66	59.9	2.52	56.7	2.45	55.4	2.32	52.9	2.25	50.4	2.05
		30.5	63.4	2.66	59.9	2.52	56.7	2.45	55.4	2.29	52.9	2.25	50.4	2.01
	77	8.1	63.4	2.47	59.9	2.34	56.7	2.20	55.4	2.13	52.9	1.97	50.4	1.84
		10.2	63.4	2.45	59.9	2.32	56.7	2.18	55.4	2.12	52.9	1.97	50.4	1.84
		20.3	63.4	2.38	59.9	2.25	56.7	2.12	55.4	2.05	52.9	1.97	50.4	1.84
		25.4	63.4	2.32	59.9	2.18	56.7	2.12	55.4	2.05	52.9	1.91	50.4	1.84
		30.5	63.4	2.29	59.9	2.14	56.7	2.12	55.4	2.05	52.9	1.88	50.4	1.84
	86	8.1	63.4	2.20	59.9	2.06	56.7	1.93	55.4	1.84	52.9	1.79	50.4	1.64
		10.2	63.4	2.18	59.9	2.05	56.7	1.91	55.4	1.84	52.9	1.77	50.4	1.64
		20.3	63.4	2.12	59.9	1.97	56.7	1.84	55.4	1.84	52.9	1.71	50.4	1.64
		25.4	63.4	2.12	59.9	1.97	56.7	1.84	55.4	1.77	52.9	1.71	50.4	1.64
		30.5	63.4	2.12	59.9	1.97	56.7	1.84	55.4	1.73	52.9	1.71	50.4	1.64
	95	8.1	63.4	1.99	59.9	1.86	56.7	1.71	55.4	1.72	52.9	1.57	50.4	1.52
		10.2	63.4	1.97	59.9	1.84	56.7	1.71	55.4	1.71	52.9	1.57	50.4	1.50
		20.3	63.4	1.91	59.9	1.77	56.7	1.71	55.4	1.64	52.9	1.57	50.4	1.43
		25.4	63.4	1.91	59.9	1.77	56.7	1.64	55.4	1.64	52.9	1.57	50.4	1.43
		30.5	63.4	1.91	59.9	1.77	56.7	1.60	55.4	1.64	52.9	1.57	50.4	1.43
	104	8.1	63.4	1.86	59.9	1.72	56.7	1.58	55.4	1.50	52.9	1.43	50.4	1.38
		10.2	63.4	1.84	59.9	1.71	56.7	1.57	55.4	1.50	52.9	1.43	50.4	1.36
		20.3	63.4	1.77	59.9	1.64	56.7	1.50	55.4	1.50	52.9	1.43	50.4	1.30
		25.4	63.4	1.77	59.9	1.64	56.7	1.50	55.4	1.43	52.9	1.36	50.4	1.30
		30.5	63.4	1.77	59.9	1.64	56.7	1.50	55.4	1.40	52.9	1.33	50.4	1.30
	113	8.1	63.4	1.72	59.9	1.58	56.7	1.47	55.4	1.28	52.9	1.30	50.4	1.24
		10.2	63.4	1.71	59.9	1.57	56.7	1.43	55.4	1.30	52.9	1.30	50.4	1.23
		20.3	63.4	1.64	59.9	1.50	56.7	1.30	55.4	1.36	52.9	1.30	50.4	1.16
		25.4	63.4	1.64	59.9	1.50	56.7	1.36	55.4	1.23	52.9	1.16	50.4	1.16
		30.5	63.4	1.64	59.9	1.50	56.7	1.39	55.4	1.16	52.9	1.09	50.4	1.16

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN072BAS4, ARWB072BAS4

72,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
60	23	8.1	21.8	2.00	20.4	1.92	19.3	1.85	19.1	1.72	19.0	1.69	18.6	1.51
		10.2	22.5	2.05	21.1	1.97	20.0	1.89	19.7	1.76	19.7	1.73	19.3	1.54
		20.3	25.5	2.22	23.9	2.14	22.6	2.05	22.4	1.90	22.3	1.88	21.9	1.68
		25.4	28.2	2.39	26.4	2.31	25.0	2.21	24.7	2.06	24.6	2.02	24.1	1.81
		30.5	29.5	2.48	27.6	2.39	26.2	2.30	25.9	2.14	25.8	2.10	25.3	1.87
	32	8.1	39.0	2.93	35.9	2.83	33.5	2.71	32.8	2.52	32.4	2.48	31.2	2.22
		10.2	39.2	2.94	36.1	2.83	33.7	2.71	33.0	2.52	32.6	2.49	31.3	2.22
		20.3	40.1	2.98	36.9	2.86	34.5	2.75	33.8	2.55	33.3	2.52	32.0	2.24
		25.4	40.7	2.98	37.5	2.86	35.0	2.75	34.3	2.55	33.8	2.52	32.6	2.24
		30.5	41.0	2.98	37.8	2.86	35.3	2.75	34.5	2.55	34.1	2.52	32.8	2.24
	41	8.1	53.8	3.19	50.8	3.07	48.7	2.95	47.5	2.74	45.4	2.70	43.3	2.41
		10.2	53.9	3.21	50.9	3.09	48.7	2.96	47.5	2.76	45.4	2.71	43.3	2.42
		20.3	54.4	3.27	51.2	3.15	48.7	3.03	47.5	2.81	45.4	2.77	43.3	2.47
		25.4	54.4	3.30	51.2	3.17	48.7	3.05	47.5	2.83	45.4	2.79	43.3	2.49
		30.5	54.4	3.31	51.1	3.18	48.7	3.06	47.5	2.85	45.4	2.79	43.3	2.50
	50	8.1	54.1	2.93	51.0	2.81	48.7	2.67	47.5	2.50	45.4	2.45	43.3	2.19
		10.2	54.2	2.93	51.0	2.81	48.7	2.67	47.5	2.50	45.4	2.45	43.3	2.20
		20.3	54.4	2.93	51.2	2.81	48.7	2.67	47.5	2.53	45.4	2.44	43.3	2.22
		25.4	54.4	2.94	51.2	2.78	48.7	2.64	47.5	2.50	45.4	2.42	43.3	2.20
		30.5	54.4	2.94	51.1	2.76	48.7	2.63	47.5	2.49	45.4	2.41	43.3	2.19
	59	8.1	54.4	2.68	51.2	2.54	48.7	2.40	47.5	2.25	45.4	2.20	43.3	1.97
		10.2	54.4	2.66	51.2	2.52	48.7	2.38	47.5	2.25	45.4	2.18	43.3	1.97
		20.3	54.4	2.59	51.2	2.45	48.7	2.32	47.5	2.25	45.4	2.12	43.3	1.97
		25.4	54.4	2.59	51.2	2.38	48.7	2.25	47.5	2.18	45.4	2.05	43.3	1.91
		30.5	54.4	2.59	51.2	2.35	48.7	2.21	47.5	2.14	45.4	2.01	43.3	1.88
	68	8.1	54.4	2.34	51.2	2.20	48.7	2.06	47.5	1.99	45.4	1.93	43.3	1.79
		10.2	54.4	2.32	51.2	2.18	48.7	2.05	47.5	1.97	45.4	1.91	43.3	1.77
		20.3	54.4	2.25	51.2	2.12	48.7	1.97	47.5	1.91	45.4	1.84	43.3	1.71
		25.4	54.4	2.25	51.2	2.12	48.7	1.97	47.5	1.91	45.4	1.84	43.3	1.71
		30.5	54.4	2.25	51.2	2.12	48.7	1.97	47.5	1.91	45.4	1.84	43.3	1.71
	77	8.1	54.4	2.06	51.2	1.93	48.7	1.77	47.5	1.79	45.4	1.64	43.3	1.58
		10.2	54.4	2.05	51.2	1.91	48.7	1.77	47.5	1.77	45.4	1.64	43.3	1.57
		20.3	54.4	1.97	51.2	1.84	48.7	1.77	47.5	1.71	45.4	1.64	43.3	1.50
		25.4	54.4	1.97	51.2	1.84	48.7	1.71	47.5	1.71	45.4	1.64	43.3	1.50
		30.5	54.4	1.97	51.2	1.84	48.7	1.67	47.5	1.71	45.4	1.64	43.3	1.50
	86	8.1	54.4	1.86	51.2	1.72	48.7	1.65	47.5	1.58	45.4	1.52	43.3	1.45
		10.2	54.4	1.84	51.2	1.71	48.7	1.64	47.5	1.57	45.4	1.50	43.3	1.43
		20.3	54.4	1.77	51.2	1.64	48.7	1.57	47.5	1.50	45.4	1.43	43.3	1.36
		25.4	54.4	1.77	51.2	1.64	48.7	1.57	47.5	1.50	45.4	1.43	43.3	1.36
		30.5	54.4	1.77	51.2	1.64	48.7	1.57	47.5	1.50	45.4	1.43	43.3	1.36
	95	8.1	54.4	1.64	51.2	1.58	48.7	1.43	47.5	1.45	45.4	1.38	43.3	1.32
		10.2	54.4	1.64	51.2	1.57	48.7	1.43	47.5	1.43	45.4	1.36	43.3	1.30
		20.3	54.4	1.64	51.2	1.50	48.7	1.43	47.5	1.36	45.4	1.30	43.3	1.23
		25.4	54.4	1.64	51.2	1.50	48.7	1.36	47.5	1.36	45.4	1.30	43.3	1.23
		30.5	54.4	1.64	51.2	1.50	48.7	1.33	47.5	1.36	45.4	1.30	43.3	1.23
	104	8.1	54.4	1.50	51.2	1.45	48.7	1.30	47.5	1.32	45.4	1.24	43.3	1.16
		10.2	54.4	1.50	51.2	1.43	48.7	1.30	47.5	1.30	45.4	1.23	43.3	1.16
		20.3	54.4	1.50	51.2	1.36	48.7	1.30	47.5	1.23	45.4	1.16	43.3	1.16
		25.4	54.4	1.50	51.2	1.36	48.7	1.30	47.5	1.23	45.4	1.16	43.3	1.16
		30.5	54.4	1.50	51.2	1.36	48.7	1.30	47.5	1.23	45.4	1.16	43.3	1.16
	113	8.1	54.4	1.36	51.2	1.32	48.7	1.16	47.5	1.17	45.4	1.11	43.3	1.00
		10.2	54.4	1.36	51.2	1.30	48.7	1.16	47.5	1.16	45.4	1.09	43.3	1.02
		20.3	54.4	1.36	51.2	1.23	48.7	1.16	47.5	1.09	45.4	1.02	43.3	1.09
		25.4	54.4	1.36	51.2	1.23	48.7	1.23	47.5	1.09	45.4	1.02	43.3	1.09
		30.5	54.4	1.36	51.2	1.23	48.7	1.26	47.5	1.09	45.4	1.02	43.3	1.09

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN072BAS4, ARWB072BAS4

72,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
50	23	8.1	18.2	1.60	17.1	1.51	16.1	1.43	15.9	1.35	15.8	1.27	15.5	1.20
		10.2	18.8	1.63	17.6	1.54	16.7	1.46	16.4	1.38	16.4	1.30	16.0	1.23
		20.3	21.2	1.76	19.9	1.68	18.8	1.58	18.6	1.50	18.5	1.41	18.2	1.33
		25.4	23.4	1.90	22.0	1.81	20.8	1.71	20.6	1.62	20.4	1.52	20.1	1.43
		30.5	24.6	1.98	23.1	1.87	21.8	1.77	21.6	1.68	21.4	1.57	21.1	1.48
	32	8.1	32.4	2.34	30.0	2.22	27.9	2.09	27.3	1.98	26.9	1.86	25.9	1.76
		10.2	32.6	2.34	30.1	2.22	28.0	2.09	27.4	1.99	27.1	1.87	26.1	1.76
		20.3	33.3	2.36	30.8	2.24	28.7	2.12	28.1	2.02	27.7	1.89	26.7	1.78
		25.4	33.8	2.36	31.3	2.24	29.1	2.12	28.6	2.02	28.1	1.89	27.1	1.78
		30.5	34.1	2.36	31.5	2.24	29.3	2.12	28.8	2.02	28.3	1.89	27.4	1.78
	41	8.1	44.7	2.54	42.4	2.41	40.4	2.27	39.5	2.16	37.7	2.03	36.0	1.91
		10.2	44.8	2.55	42.5	2.42	40.5	2.28	39.5	2.17	37.7	2.04	36.0	1.92
		20.3	45.2	2.60	42.8	2.47	40.5	2.33	39.5	2.21	37.7	2.07	36.0	1.96
		25.4	45.2	2.62	42.7	2.49	40.5	2.35	39.5	2.23	37.7	2.09	36.0	1.97
		30.5	45.2	2.63	42.7	2.50	40.5	2.36	39.5	2.24	37.7	2.11	36.0	1.98
	50	8.1	45.0	2.34	42.5	2.20	40.4	2.07	39.5	1.98	37.7	1.83	36.0	1.75
		10.2	45.1	2.33	42.6	2.20	40.5	2.07	39.5	1.97	37.7	1.83	36.0	1.74
		20.3	45.2	2.32	42.8	2.19	40.5	2.05	39.5	1.96	37.7	1.85	36.0	1.73
		25.4	45.2	2.33	42.7	2.20	40.5	2.06	39.5	1.97	37.7	1.83	36.0	1.73
		30.5	45.2	2.34	42.7	2.20	40.5	2.06	39.5	1.97	37.7	1.81	36.0	1.74
	59	8.1	45.2	2.13	42.7	1.99	40.5	1.86	39.5	1.79	37.7	1.64	36.0	1.58
		10.2	45.2	2.12	42.7	1.97	40.5	1.84	39.5	1.77	37.7	1.64	36.0	1.57
		20.3	45.2	2.05	42.7	1.91	40.5	1.77	39.5	1.71	37.7	1.64	36.0	1.50
		25.4	45.2	2.05	42.7	1.91	40.5	1.77	39.5	1.71	37.7	1.57	36.0	1.50
		30.5	45.2	2.05	42.7	1.91	40.5	1.77	39.5	1.71	37.7	1.53	36.0	1.50
	68	8.1	45.2	1.86	42.7	1.72	40.5	1.65	39.5	1.58	37.7	1.52	36.0	1.36
		10.2	45.2	1.84	42.7	1.71	40.5	1.64	39.5	1.57	37.7	1.50	36.0	1.36
		20.3	45.2	1.77	42.7	1.64	40.5	1.57	39.5	1.50	37.7	1.43	36.0	1.36
		25.4	45.2	1.77	42.7	1.64	40.5	1.57	39.5	1.50	37.7	1.43	36.0	1.36
		30.5	45.2	1.77	42.7	1.64	40.5	1.57	39.5	1.50	37.7	1.43	36.0	1.36
	77	8.1	45.2	1.65	42.7	1.50	40.5	1.45	39.5	1.36	37.7	1.30	36.0	1.23
		10.2	45.2	1.64	42.7	1.50	40.5	1.43	39.5	1.36	37.7	1.30	36.0	1.23
		20.3	45.2	1.57	42.7	1.50	40.5	1.36	39.5	1.36	37.7	1.30	36.0	1.23
		25.4	45.2	1.57	42.7	1.50	40.5	1.36	39.5	1.36	37.7	1.30	36.0	1.23
		30.5	45.2	1.57	42.7	1.50	40.5	1.36	39.5	1.36	37.7	1.30	36.0	1.23
	86	8.1	45.2	1.52	42.7	1.38	40.5	1.32	39.5	1.23	37.7	1.24	36.0	1.17
		10.2	45.2	1.50	42.7	1.36	40.5	1.30	39.5	1.23	37.7	1.23	36.0	1.16
		20.3	45.2	1.43	42.7	1.30	40.5	1.23	39.5	1.23	37.7	1.16	36.0	1.09
		25.4	45.2	1.43	42.7	1.30	40.5	1.23	39.5	1.23	37.7	1.16	36.0	1.09
		30.5	45.2	1.43	42.7	1.30	40.5	1.23	39.5	1.23	37.7	1.16	36.0	1.09
	95	8.1	45.2	1.38	42.7	1.23	40.5	1.16	39.5	1.17	37.7	1.09	36.0	1.02
		10.2	45.2	1.36	42.7	1.23	40.5	1.16	39.5	1.16	37.7	1.09	36.0	1.02
		20.3	45.2	1.30	42.7	1.23	40.5	1.16	39.5	1.09	37.7	1.09	36.0	1.02
		25.4	45.2	1.30	42.7	1.23	40.5	1.16	39.5	1.09	37.7	1.09	36.0	1.02
		30.5	45.2	1.30	42.7	1.23	40.5	1.16	39.5	1.09	37.7	1.09	36.0	1.02
	104	8.1	45.2	1.24	42.7	1.17	40.5	1.11	39.5	1.02	37.7	1.04	36.0	0.95
		10.2	45.2	1.23	42.7	1.16	40.5	1.09	39.5	1.02	37.7	1.02	36.0	0.95
		20.3	45.2	1.16	42.7	1.09	40.5	1.02	39.5	1.02	37.7	0.95	36.0	0.95
		25.4	45.2	1.16	42.7	1.09	40.5	1.02	39.5	1.02	37.7	0.95	36.0	0.95
		30.5	45.2	1.16	42.7	1.09	40.5	1.02	39.5	1.02	37.7	0.95	36.0	0.95
	113	8.1	45.2	1.11	42.7	1.13	40.5	1.06	39.5	0.87	37.7	0.99	36.0	0.89
		10.2	45.2	1.09	42.7	1.09	40.5	1.02	39.5	0.89	37.7	0.95	36.0	0.89
		20.3	45.2	1.02	42.7	0.95	40.5	0.89	39.5	0.95	37.7	0.82	36.0	0.89
		25.4	45.2	1.02	42.7	0.95	40.5	0.89	39.5	0.95	37.7	0.82	36.0	0.89
		30.5	45.2	1.02	42.7	0.95	40.5	0.89	39.5	0.95	37.7	0.82	36.0	0.89

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

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HEATING CAPACITY DATA

ARWN096BAS4, ARWB096BAS4

96,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
130	23	10.2	51.1	5.92	50.7	5.57	50.4	5.19	49.7	5.03	50.3	4.90	48.9	4.39
		12.7	52.8	6.02	52.4	5.68	52.1	5.30	51.4	5.14	52.0	5.01	50.6	4.49
		25.4	59.8	6.43	59.3	6.11	59.0	5.75	58.2	5.58	58.9	5.43	57.4	4.87
		31.8	66.1	6.84	65.5	6.53	65.1	6.20	64.3	6.03	65.1	5.85	63.4	5.25
		38.1	69.3	7.04	68.6	6.74	68.2	6.42	67.4	6.26	68.2	6.07	66.4	5.44
	32	10.2	91.3	8.09	89.2	7.85	87.3	7.60	85.4	7.38	85.7	7.18	81.8	6.43
		12.7	91.8	8.11	89.7	7.87	87.8	7.62	85.9	7.40	86.2	7.20	82.3	6.45
		25.4	94.0	8.20	91.7	7.95	89.8	7.71	87.9	7.49	88.2	7.28	84.3	6.53
		31.8	95.4	8.20	93.1	7.95	91.2	7.71	89.2	7.49	89.5	7.28	85.5	6.53
		38.1	96.2	8.20	93.8	7.95	91.9	7.71	89.9	7.49	90.2	7.28	86.1	6.53
	41	10.2	131.5	8.70	129.5	8.48	126.8	8.27	123.6	8.03	120.3	7.81	113.6	7.00
		12.7	131.9	8.74	129.7	8.52	126.8	8.31	123.6	8.08	120.3	7.85	113.6	7.03
		25.4	133.7	8.89	130.6	8.68	126.9	8.48	123.6	8.24	120.3	8.01	113.6	7.18
		31.8	134.5	8.95	131.0	8.74	126.9	8.53	123.6	8.30	120.3	8.07	113.6	7.23
		38.1	134.9	8.98	131.2	8.77	126.9	8.56	123.6	8.33	120.3	8.10	113.6	7.25
	50	10.2	131.6	7.92	129.5	7.65	126.4	7.51	123.1	7.34	119.8	7.09	113.2	6.40
		12.7	132.4	7.90	130.1	7.66	126.9	7.52	123.6	7.34	120.3	7.08	113.6	6.39
		25.4	135.5	7.84	132.5	7.69	128.9	7.58	125.6	7.33	122.1	7.06	115.4	6.37
		31.8	136.2	7.95	133.4	7.79	129.7	7.61	126.2	7.35	122.9	7.18	116.1	6.67
		38.1	136.6	8.00	133.9	7.85	130.1	7.62	126.5	7.37	123.3	7.24	116.5	6.83
	59	10.2	131.8	7.13	129.5	6.83	125.9	6.76	122.6	6.64	119.3	6.36	112.7	5.80
		12.7	132.9	7.06	130.5	6.80	126.9	6.74	123.6	6.59	120.3	6.31	113.6	5.75
		25.4	137.2	6.78	134.4	6.68	130.9	6.68	127.6	6.40	123.9	6.12	117.2	5.55
		31.8	137.9	6.95	135.7	6.84	132.5	6.68	128.9	6.40	125.6	6.29	118.6	6.12
		38.1	138.3	7.03	136.4	6.92	133.3	6.68	129.6	6.40	126.4	6.38	119.4	6.40
	68	10.2	136.8	6.54	134.3	6.24	130.8	6.10	127.2	5.91	123.5	5.78	116.2	5.60
		12.7	137.9	6.50	135.4	6.23	131.8	6.10	128.2	5.93	124.6	5.82	117.2	5.55
		25.4	142.3	6.31	139.7	6.22	135.8	6.08	132.2	6.03	128.9	5.97	121.6	5.37
		31.8	142.9	6.31	140.8	6.22	137.4	6.12	133.5	6.03	129.9	5.97	122.6	5.71
		38.1	143.2	6.31	141.3	6.22	138.2	6.14	134.2	6.03	130.4	5.97	123.1	5.88
	77	10.2	144.5	6.24	140.8	6.06	137.4	5.96	134.8	5.86	131.8	5.77	124.3	5.39
		12.7	144.5	6.22	140.8	6.05	137.4	5.93	134.8	5.84	131.8	5.75	124.3	5.37
		25.4	144.5	6.12	140.8	6.01	137.4	5.84	134.8	5.75	131.8	5.65	124.3	5.27
		31.8	144.5	6.03	140.8	5.85	137.4	5.75	134.8	5.65	131.8	5.55	124.3	5.18
		38.1	144.5	5.99	140.8	5.78	137.4	5.70	134.8	5.60	131.8	5.50	124.3	5.14
	86	10.2	144.5	6.08	140.8	5.78	137.4	5.72	134.8	5.57	131.8	5.51	124.3	5.13
		12.7	144.5	6.03	140.8	5.77	137.4	5.69	134.8	5.55	131.8	5.46	124.3	5.09
		25.4	144.5	5.84	140.8	5.73	137.4	5.55	134.8	5.46	131.8	5.27	124.3	4.90
		31.8	144.5	5.75	140.8	5.57	137.4	5.46	134.8	5.37	131.8	5.27	124.3	4.90
		38.1	144.5	5.70	140.8	5.49	137.4	5.42	134.8	5.32	131.8	5.27	124.3	4.90
	95	10.2	144.5	5.80	140.8	5.60	137.4	5.49	134.8	5.29	131.8	5.11	124.3	4.75
		12.7	144.5	5.75	140.8	5.57	137.4	5.46	134.8	5.27	131.8	5.09	124.3	4.71
		25.4	144.5	5.55	140.8	5.45	137.4	5.37	134.8	5.18	131.8	4.99	124.3	4.52
		31.8	144.5	5.55	140.8	5.39	137.4	5.27	134.8	5.09	131.8	4.90	124.3	4.52
		38.1	144.5	5.55	140.8	5.36	137.4	5.22	134.8	5.04	131.8	4.86	124.3	4.52
	104	10.2	144.5	5.60	140.8	5.42	137.4	5.32	134.8	5.13	131.8	4.95	124.3	4.47
		12.7	144.5	5.55	140.8	5.39	137.4	5.27	134.8	5.09	131.8	4.90	124.3	4.42
		25.4	144.5	5.37	140.8	5.25	137.4	5.09	134.8	4.90	131.8	4.71	124.3	4.24
		31.8	144.5	5.27	140.8	5.16	137.4	5.09	134.8	4.90	131.8	4.71	124.3	4.24
		38.1	144.5	5.22	140.8	5.12	137.4	5.09	134.8	4.90	131.8	4.71	124.3	4.24
	113	10.2	144.5	5.41	140.8	5.24	137.4	5.16	134.8	4.97	131.8	4.78	124.3	4.19
		12.7	144.5	5.37	140.8	5.20	137.4	5.09	134.8	4.90	131.8	4.71	124.3	4.14
		25.4	144.5	5.18	140.8	5.07	137.4	4.80	134.8	4.62	131.8	4.42	124.3	3.96
		31.8	144.5	4.99	140.8	4.94	137.4	4.90	134.8	4.71	131.8	4.52	124.3	3.96
		38.1	144.5	4.89	140.8	4.88	137.4	4.95	134.8	4.75	131.8	4.57	124.3	3.96

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN096BAS4, ARWB096BAS4

96,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
120	23	10.2	48.6	5.92	48.2	5.57	47.9	5.19	47.3	4.97	47.7	4.82	46.4	4.32
		12.7	50.2	6.02	49.8	5.68	49.5	5.30	48.9	5.08	49.3	4.93	48.0	4.41
		25.4	56.9	6.43	56.4	6.11	56.1	5.75	55.4	5.50	55.9	5.35	54.4	4.79
		31.8	62.8	6.84	62.3	6.53	61.9	6.20	61.2	5.94	61.7	5.77	60.0	5.16
		38.1	65.8	7.04	65.3	6.74	64.8	6.42	64.1	6.16	64.6	5.98	62.8	5.35
	32	10.2	86.8	8.09	84.7	7.85	82.9	7.60	81.2	7.27	81.2	7.07	77.5	6.32
		12.7	87.3	8.11	85.2	7.87	83.4	7.62	81.7	7.30	81.7	7.09	78.0	6.34
		25.4	89.3	8.20	87.2	7.95	85.4	7.71	83.6	7.38	83.6	7.17	79.9	6.42
		31.8	90.7	8.20	88.6	7.95	86.7	7.71	84.9	7.38	84.8	7.17	81.1	6.42
		38.1	91.4	8.20	89.3	7.95	87.4	7.71	85.6	7.38	85.4	7.17	81.7	6.42
	41	10.2	125.1	8.70	123.2	8.48	120.6	8.27	117.6	7.92	113.9	7.70	107.7	6.89
		12.7	125.6	8.74	123.5	8.52	120.6	8.31	117.6	7.96	113.9	7.73	107.7	6.93
		25.4	127.4	8.89	124.4	8.68	120.6	8.48	117.6	8.12	113.9	7.89	107.7	7.06
		31.8	128.1	8.95	123.7	8.74	120.6	8.53	117.6	8.18	113.9	7.95	107.7	7.11
		38.1	128.4	8.98	123.3	8.77	120.6	8.56	117.6	8.21	113.9	7.98	107.7	7.14
	50	10.2	125.6	7.81	123.3	7.60	120.2	7.44	117.3	7.22	113.6	6.98	107.4	6.28
		12.7	126.2	7.84	123.8	7.63	120.6	7.47	117.6	7.23	113.9	6.97	107.7	6.28
		25.4	128.5	7.95	125.8	7.74	121.9	7.58	119.0	7.27	115.1	6.96	108.8	6.31
		31.8	129.2	7.92	125.4	7.74	122.4	7.61	119.5	7.30	115.6	6.98	109.3	6.53
		38.1	129.6	7.91	125.2	7.74	122.6	7.62	119.7	7.31	115.9	7.00	109.6	6.63
	59	10.2	126.0	6.93	123.4	6.73	119.9	6.62	117.0	6.52	113.3	6.26	107.1	5.67
		12.7	126.7	6.95	124.2	6.74	120.6	6.63	117.6	6.50	113.9	6.22	107.7	5.65
		25.4	129.6	7.00	127.2	6.80	123.3	6.68	120.3	6.40	116.2	6.03	110.0	5.55
		31.8	130.3	6.90	127.1	6.74	124.3	6.68	121.3	6.40	117.2	6.03	111.0	5.93
		38.1	130.7	6.84	127.0	6.71	124.8	6.68	121.8	6.40	117.7	6.03	111.5	6.12
	68	10.2	129.5	6.23	127.0	5.97	123.2	5.81	119.8	5.73	115.9	5.65	109.7	5.37
		12.7	130.3	6.23	127.8	5.99	123.9	5.84	120.6	5.75	116.6	5.65	110.3	5.35
		25.4	133.6	6.23	130.8	6.08	126.6	5.93	123.6	5.84	119.6	5.63	112.9	5.27
		31.8	134.2	6.18	130.7	6.03	127.6	5.93	124.3	5.84	120.3	5.65	113.6	5.46
		38.1	134.5	6.15	130.7	6.01	128.1	5.93	124.6	5.84	120.6	5.66	114.0	5.56
	77	10.2	135.8	5.90	131.8	5.62	127.6	5.51	124.9	5.39	121.6	5.29	114.9	4.92
		12.7	135.8	5.87	131.8	5.61	127.6	5.50	124.9	5.37	121.6	5.27	114.9	4.90
		25.4	136.1	5.79	131.8	5.57	127.6	5.46	124.9	5.27	121.6	5.18	114.9	4.80
		31.8	136.5	5.57	131.8	5.43	127.6	5.37	124.9	5.27	121.6	5.09	114.9	4.80
		38.1	136.7	5.46	131.8	5.35	127.6	5.32	124.9	5.27	121.6	5.04	114.9	4.80
	86	10.2	136.5	5.64	131.8	5.36	127.6	5.21	124.9	5.01	121.6	4.95	114.9	4.54
		12.7	136.5	5.59	131.8	5.33	127.6	5.18	124.9	4.99	121.6	4.90	114.9	4.52
		25.4	136.5	5.41	131.8	5.20	127.6	5.09	124.9	4.90	121.6	4.71	114.9	4.42
		31.8	136.5	5.23	131.8	5.09	127.6	4.99	124.9	4.90	121.6	4.71	114.9	4.33
		38.1	136.5	5.14	131.8	5.03	127.6	4.94	124.9	4.90	121.6	4.71	114.9	4.29
	95	10.2	136.5	5.39	131.8	5.09	127.6	4.95	124.9	4.75	121.6	4.57	114.9	4.16
		12.7	136.5	5.31	131.8	5.05	127.6	4.90	124.9	4.71	121.6	4.52	114.9	4.14
		25.4	136.5	5.01	131.8	4.86	127.6	4.71	124.9	4.52	121.6	4.33	114.9	4.05
		31.8	136.5	4.95	131.8	4.82	127.6	4.71	124.9	4.52	121.6	4.33	114.9	3.96
		38.1	136.5	4.92	131.8	4.80	127.6	4.71	124.9	4.52	121.6	4.33	114.9	3.91
	104	10.2	136.5	5.22	131.8	4.86	127.6	4.67	124.9	4.47	121.6	4.28	114.9	3.88
		12.7	136.5	5.12	131.8	4.80	127.6	4.62	124.9	4.42	121.6	4.24	114.9	3.86
		25.4	136.5	4.72	131.8	4.58	127.6	4.42	124.9	4.24	121.6	4.05	114.9	3.77
		31.8	136.5	4.67	131.8	4.52	127.6	4.42	124.9	4.24	121.6	4.05	114.9	3.67
		38.1	136.5	4.64	131.8	4.49	127.6	4.42	124.9	4.24	121.6	4.05	114.9	3.62
	113	10.2	136.5	5.06	131.8	4.63	127.6	4.38	124.9	4.19	121.6	4.00	114.9	3.60
		12.7	136.5	4.94	131.8	4.56	127.6	4.33	124.9	4.14	121.6	3.96	114.9	3.58
		25.4	136.5	4.44	131.8	4.30	127.6	4.14	124.9	3.96	121.6	3.77	114.9	3.49
		31.8	136.5	4.38	131.8	4.22	127.6	4.14	124.9	3.96	121.6	3.77	114.9	3.39
		38.1	136.5	4.35	131.8	4.18	127.6	4.14	124.9	3.96	121.6	3.77	114.9	3.34

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

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HEATING CAPACITY DATA

ARWN096BAS4, ARWB096BAS4

96,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
110	23	10.2	45.9	5.99	45.6	5.57	45.3	5.19	44.9	4.97	45.0	4.82	44.0	4.32
		12.7	47.5	6.10	47.2	5.68	46.9	5.30	46.4	5.08	46.5	4.93	45.5	4.41
		25.4	53.7	6.51	53.4	6.11	53.1	5.75	52.5	5.50	52.5	5.35	51.5	4.79
		31.8	59.4	6.93	59.0	6.53	58.7	6.20	58.1	5.94	58.1	5.77	56.9	5.16
		38.1	62.2	7.14	61.8	6.74	61.5	6.42	60.9	6.16	60.9	5.98	59.5	5.35
	32	10.2	82.1	8.20	80.3	7.85	78.6	7.60	77.1	7.27	76.4	7.07	73.5	6.32
		12.7	82.6	8.22	80.8	7.87	79.1	7.62	77.6	7.30	76.9	7.09	73.9	6.34
		25.4	84.5	8.30	82.7	7.95	80.9	7.71	79.4	7.38	78.7	7.17	75.7	6.42
		31.8	85.8	8.30	84.0	7.95	82.2	7.71	80.6	7.38	79.9	7.17	76.8	6.42
		38.1	86.5	8.30	84.6	7.95	82.8	7.71	81.2	7.38	80.5	7.17	77.3	6.42
	41	10.2	119.8	8.82	116.9	8.48	114.2	8.27	111.6	7.92	107.3	7.70	102.1	6.89
		12.7	120.2	8.85	117.1	8.52	114.2	8.31	111.6	7.96	107.3	7.73	102.1	6.93
		25.4	121.8	9.01	118.0	8.68	114.3	8.48	111.6	8.12	107.3	7.89	102.1	7.06
		31.8	122.5	9.07	118.3	8.74	114.3	8.53	111.6	8.18	107.3	7.95	102.1	7.11
		38.1	122.8	9.10	118.5	8.77	114.3	8.56	111.6	8.21	107.3	7.98	102.1	7.14
	50	10.2	120.2	7.90	117.2	7.63	114.1	7.47	111.4	7.22	107.1	6.98	101.9	6.28
		12.7	120.7	7.92	117.5	7.66	114.2	7.49	111.6	7.23	107.3	6.97	102.1	6.28
		25.4	122.5	7.98	118.7	7.74	114.9	7.58	112.3	7.27	108.0	6.96	102.6	6.31
		31.8	123.2	7.98	119.3	7.74	115.3	7.56	112.5	7.25	108.2	6.98	102.9	6.38
		38.1	123.5	7.98	119.5	7.74	115.5	7.55	112.6	7.24	108.3	7.00	103.0	6.41
	59	10.2	120.6	6.99	117.4	6.80	114.0	6.68	111.3	6.52	106.9	6.26	101.8	5.67
		12.7	121.1	6.98	117.8	6.80	114.3	6.68	111.6	6.50	107.3	6.22	102.1	5.65
		25.4	123.1	6.95	119.6	6.80	115.6	6.68	112.9	6.40	108.7	6.03	103.1	5.55
		31.8	123.8	6.90	120.2	6.74	116.2	6.59	113.3	6.31	109.0	6.03	103.7	5.65
		38.1	124.1	6.87	120.5	6.71	116.5	6.55	113.5	6.27	109.2	6.03	104.0	5.70
	68	10.2	122.8	6.04	119.4	5.89	115.6	5.75	112.5	5.65	108.4	5.49	102.7	5.13
		12.7	123.5	6.05	119.9	5.89	115.9	5.75	112.9	5.65	108.7	5.46	103.1	5.12
		25.4	126.1	6.10	121.5	5.89	117.2	5.75	114.6	5.65	110.0	5.37	104.7	5.09
		31.8	126.8	6.10	122.5	5.89	117.9	5.75	114.9	5.55	110.6	5.37	105.0	5.09
		38.1	127.1	6.10	123.0	5.89	118.3	5.75	115.1	5.50	110.9	5.37	105.1	5.09
	77	10.2	126.6	5.49	122.9	5.29	117.9	5.21	115.3	5.01	111.3	4.83	105.4	4.42
		12.7	126.9	5.48	122.9	5.27	117.9	5.18	115.3	4.99	111.3	4.80	105.4	4.42
		25.4	127.9	5.45	122.9	5.18	117.9	5.09	115.3	4.90	111.3	4.71	105.4	4.42
		31.8	128.5	5.45	122.9	5.20	117.9	4.99	115.3	4.90	111.3	4.62	105.4	4.33
		38.1	128.8	5.45	122.9	5.21	117.9	4.94	115.3	4.90	111.3	4.57	105.4	4.29
	86	10.2	128.5	5.01	122.9	4.83	117.9	4.64	115.3	4.54	111.3	4.26	105.4	3.98
		12.7	128.5	4.99	122.9	4.80	117.9	4.62	115.3	4.52	111.3	4.24	105.4	3.96
		25.4	128.5	4.90	122.9	4.71	117.9	4.52	115.3	4.42	111.3	4.14	105.4	3.86
		31.8	128.5	4.86	122.9	4.62	117.9	4.42	115.3	4.33	111.3	4.14	105.4	3.86
		38.1	128.5	4.84	122.9	4.57	117.9	4.37	115.3	4.29	111.3	4.14	105.4	3.86
	95	10.2	128.5	4.75	122.9	4.44	117.9	4.26	115.3	4.08	111.3	3.88	105.4	3.60
		12.7	128.5	4.71	122.9	4.42	117.9	4.24	115.3	4.05	111.3	3.86	105.4	3.58
		25.4	128.5	4.52	122.9	4.33	117.9	4.14	115.3	3.96	111.3	3.77	105.4	3.49
		31.8	128.5	4.40	122.9	4.24	117.9	4.05	115.3	3.96	111.3	3.77	105.4	3.49
		38.1	128.5	4.34	122.9	4.19	117.9	4.01	115.3	3.96	111.3	3.77	105.4	3.49
	104	10.2	128.5	4.47	122.9	4.28	117.9	4.00	115.3	3.79	111.3	3.60	105.4	3.31
		12.7	128.5	4.42	122.9	4.24	117.9	3.96	115.3	3.77	111.3	3.58	105.4	3.29
		25.4	128.5	4.24	122.9	4.05	117.9	3.77	115.3	3.67	111.3	3.49	105.4	3.20
		31.8	128.5	4.18	122.9	3.96	117.9	3.77	115.3	3.58	111.3	3.39	105.4	3.11
		38.1	128.5	4.15	122.9	3.91	117.9	3.77	115.3	3.53	111.3	3.34	105.4	3.06
	113	10.2	128.5	4.19	122.9	4.12	117.9	3.74	115.3	3.51	111.3	3.31	105.4	3.03
		12.7	128.5	4.14	122.9	4.05	117.9	3.67	115.3	3.49	111.3	3.29	105.4	3.01
		25.4	128.5	3.96	122.9	3.77	117.9	3.39	115.3	3.39	111.3	3.20	105.4	2.92
		31.8	128.5	3.96	122.9	3.67	117.9	3.49	115.3	3.20	111.3	3.01	105.4	2.73
		38.1	128.5	3.96	122.9	3.62	117.9	3.54	115.3	3.11	111.3	2.91	105.4	2.63

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN096BAS4, ARWB096BAS4
96,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
100	23	10.2	43.4	5.99	43.1	5.65	42.9	5.19	42.6	4.97	42.2	4.75	41.4	4.32
		12.7	44.9	6.10	44.6	5.76	44.4	5.30	44.0	5.08	43.6	4.85	42.8	4.41
		25.4	50.8	6.51	50.5	6.19	50.2	5.75	49.7	5.50	49.3	5.27	48.5	4.79
		31.8	56.2	6.93	55.8	6.61	55.5	6.20	55.0	5.94	54.6	5.68	53.5	5.16
		38.1	58.8	7.14	58.4	6.83	58.1	6.42	57.6	6.16	57.2	5.89	56.1	5.35
	32	10.2	77.6	8.20	75.9	7.96	74.3	7.60	73.0	7.27	71.7	6.96	69.2	6.32
		12.7	78.1	8.22	76.4	7.98	74.7	7.62	73.4	7.30	72.1	6.98	69.6	6.34
		25.4	79.9	8.30	78.2	8.06	76.5	7.71	75.1	7.38	73.8	7.06	71.2	6.42
		31.8	81.1	8.30	79.4	8.06	77.7	7.71	76.3	7.38	74.9	7.06	72.3	6.42
		38.1	81.7	8.30	80.0	8.06	78.3	7.71	76.8	7.38	75.5	7.06	72.9	6.42
	41	10.2	114.5	8.82	110.7	8.60	107.9	8.27	105.7	7.92	100.7	7.58	96.0	6.89
		12.7	114.9	8.85	110.9	8.64	107.9	8.31	105.7	7.96	100.7	7.62	96.0	6.93
		25.4	116.5	9.01	111.7	8.80	108.0	8.48	105.7	8.12	100.7	7.77	96.0	7.06
		31.8	117.2	9.07	112.0	8.85	108.0	8.53	105.7	8.18	100.7	7.82	96.0	7.11
		38.1	117.6	9.10	112.2	8.88	108.0	8.56	105.7	8.21	100.7	7.85	96.0	7.14
	50	10.2	115.2	7.88	111.1	7.71	108.0	7.47	105.7	7.22	100.7	6.86	96.0	6.28
		12.7	115.4	7.92	111.2	7.73	108.0	7.49	105.7	7.23	100.7	6.87	96.0	6.28
		25.4	116.5	8.07	111.8	7.83	108.0	7.58	105.7	7.27	100.7	6.90	96.0	6.31
		31.8	117.3	8.04	112.3	7.83	108.0	7.56	105.7	7.25	100.7	6.88	96.0	6.28
		38.1	117.7	8.02	112.6	7.83	108.0	7.55	105.7	7.24	100.7	6.87	96.0	6.27
	59	10.2	115.8	6.95	111.5	6.83	108.0	6.68	105.7	6.52	100.7	6.14	96.0	5.67
		12.7	115.9	6.98	111.6	6.84	108.0	6.68	105.7	6.50	100.7	6.12	96.0	5.65
		25.4	116.5	7.12	111.9	6.86	108.0	6.68	105.7	6.40	100.7	6.03	96.0	5.55
		31.8	117.5	7.00	112.5	6.80	108.0	6.59	105.7	6.31	100.7	5.93	96.0	5.46
		38.1	118.1	6.95	112.8	6.77	108.0	6.55	105.7	6.27	100.7	5.88	96.0	5.42
	68	10.2	116.4	5.94	112.1	5.79	108.0	5.65	105.7	5.57	100.7	5.21	96.0	4.95
		12.7	116.8	5.97	112.2	5.80	108.0	5.65	105.7	5.55	100.7	5.18	96.0	4.90
		25.4	118.5	6.08	112.5	5.82	108.0	5.65	105.7	5.46	100.7	5.09	96.0	4.71
		31.8	119.3	5.97	113.5	5.77	108.0	5.55	105.7	5.37	100.7	4.99	96.0	4.62
		38.1	119.6	5.92	114.0	5.74	108.0	5.50	105.7	5.32	100.7	4.94	96.0	4.57
	77	10.2	117.8	5.20	113.9	5.03	108.0	4.83	105.7	4.64	100.7	4.36	96.0	3.96
		12.7	118.2	5.20	113.9	5.01	108.0	4.80	105.7	4.62	100.7	4.33	96.0	3.96
		25.4	120.0	5.22	113.9	4.90	108.0	4.71	105.7	4.52	100.7	4.24	96.0	3.96
		31.8	120.6	5.10	113.9	4.86	108.0	4.62	105.7	4.42	100.7	4.24	96.0	3.86
		38.1	120.9	5.05	113.9	4.84	108.0	4.57	105.7	4.37	100.7	4.24	96.0	3.81
	86	10.2	120.6	4.73	113.9	4.36	108.0	4.06	105.7	3.98	100.7	3.67	96.0	3.51
		12.7	120.6	4.71	113.9	4.33	108.0	4.05	105.7	3.96	100.7	3.67	96.0	3.49
		25.4	120.6	4.62	113.9	4.24	108.0	4.01	105.7	3.86	100.7	3.67	96.0	3.39
		31.8	120.6	4.52	113.9	4.24	108.0	3.96	105.7	3.86	100.7	3.58	96.0	3.39
		38.1	120.6	4.47	113.9	4.24	108.0	3.93	105.7	3.86	100.7	3.53	96.0	3.39
	95	10.2	120.6	4.38	113.9	4.00	108.0	3.58	105.7	3.51	100.7	3.31	96.0	3.03
		12.7	120.6	4.33	113.9	3.96	108.0	3.58	105.7	3.49	100.7	3.29	96.0	3.01
		25.4	120.6	4.14	113.9	3.77	108.0	3.54	105.7	3.39	100.7	3.20	96.0	2.92
		31.8	120.6	4.14	113.9	3.77	108.0	3.49	105.7	3.39	100.7	3.20	96.0	2.92
		38.1	120.6	4.14	113.9	3.77	108.0	3.46	105.7	3.39	100.7	3.20	96.0	2.92
	104	10.2	120.6	4.10	113.9	3.72	108.0	3.21	105.7	3.13	100.7	2.95	96.0	2.75
		12.7	120.6	4.05	113.9	3.67	108.0	3.20	105.7	3.11	100.7	2.92	96.0	2.73
		25.4	120.6	3.86	113.9	3.49	108.0	3.17	105.7	3.01	100.7	2.83	96.0	2.64
		31.8	120.6	3.77	113.9	3.49	108.0	3.11	105.7	3.01	100.7	2.83	96.0	2.64
		38.1	120.6	3.73	113.9	3.49	108.0	3.08	105.7	3.01	100.7	2.83	96.0	2.64
	113	10.2	120.6	3.82	113.9	3.44	108.0	2.83	105.7	2.75	100.7	2.57	96.0	2.47
		12.7	120.6	3.77	113.9	3.39	108.0	2.83	105.7	2.73	100.7	2.54	96.0	2.45
		25.4	120.6	3.58	113.9	3.20	108.0	2.79	105.7	2.64	100.7	2.45	96.0	2.36
		31.8	120.6	3.39	113.9	3.20	108.0	2.73	105.7	2.64	100.7	2.45	96.0	2.36
		38.1	120.6	3.30	113.9	3.20	108.0	2.70	105.7	2.64	100.7	2.45	96.0	2.36

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN096BAS4, ARWB096BAS4

96,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
90	23	10.2	41.0	5.56	39.7	5.07	38.6	4.45	38.3	4.24	38.0	4.09	37.3	3.67
		12.7	42.4	5.66	41.1	5.16	39.9	4.55	39.6	4.33	39.3	4.18	38.6	3.75
		25.4	48.0	6.04	46.5	5.54	45.1	4.94	44.8	4.71	44.5	4.54	43.6	4.07
		31.8	53.0	6.42	51.3	5.93	49.8	5.33	49.4	5.08	49.1	4.89	48.2	4.39
		38.1	55.6	6.61	53.8	6.13	52.2	5.52	51.8	5.26	51.5	5.07	50.6	4.56
	32	10.2	73.3	7.58	69.9	7.11	66.7	6.53	65.7	6.23	64.6	5.99	62.2	5.38
		12.7	73.7	7.60	70.3	7.13	67.1	6.55	66.1	6.24	65.0	6.01	62.6	5.40
		25.4	75.4	7.68	71.9	7.21	68.7	6.61	67.6	6.31	66.5	6.08	64.1	5.46
		31.8	76.6	7.68	73.0	7.21	69.8	6.61	68.6	6.31	67.6	6.08	65.1	5.46
		38.1	77.1	7.68	73.6	7.21	70.4	6.61	69.1	6.31	68.2	6.08	65.6	5.46
	41	10.2	103.6	8.14	100.2	7.68	97.0	7.11	95.0	6.77	90.8	6.52	86.5	5.85
		12.7	103.7	8.17	100.2	7.72	97.0	7.14	95.0	6.81	90.8	6.56	86.5	5.88
		25.4	104.1	8.32	99.9	7.86	97.0	7.28	95.0	6.95	90.8	6.69	86.5	6.00
		31.8	104.7	8.37	100.2	7.91	97.0	7.34	95.0	6.99	90.8	6.74	86.5	6.05
		38.1	105.0	8.39	100.3	7.93	97.0	7.36	95.0	7.02	90.8	6.77	86.5	6.07
	50	10.2	104.1	7.18	100.6	6.83	97.0	6.43	95.0	6.17	90.8	5.92	86.5	5.33
		12.7	104.1	7.19	100.5	6.84	97.0	6.44	95.0	6.18	90.8	5.91	86.5	5.34
		25.4	103.9	7.21	100.0	6.87	97.0	6.47	95.0	6.21	90.8	5.89	86.5	5.36
		31.8	104.6	7.19	100.3	6.85	97.0	6.45	95.0	6.19	90.8	5.91	86.5	5.38
		38.1	104.9	7.18	100.4	6.84	97.0	6.44	95.0	6.18	90.8	5.92	86.5	5.39
	59	10.2	104.7	6.22	100.9	6.00	97.0	5.77	95.0	5.57	90.8	5.32	86.5	4.83
		12.7	104.5	6.20	100.8	5.97	97.0	5.75	95.0	5.55	90.8	5.27	86.5	4.80
		25.4	103.8	6.10	100.1	5.87	97.0	5.65	95.0	5.46	90.8	5.09	86.5	4.71
		31.8	104.5	6.01	100.4	5.79	97.0	5.55	95.0	5.37	90.8	5.09	86.5	4.71
		38.1	104.8	5.97	100.5	5.74	97.0	5.50	95.0	5.32	90.8	5.09	86.5	4.71
	68	10.2	105.3	5.25	101.4	5.10	97.0	4.92	95.0	4.73	90.8	4.57	86.5	4.28
		12.7	105.2	5.25	101.2	5.09	97.0	4.90	95.0	4.71	90.8	4.52	86.5	4.24
		25.4	104.8	5.25	100.4	5.03	97.0	4.80	95.0	4.62	90.8	4.33	86.5	4.05
		31.8	105.1	5.16	100.7	4.99	97.0	4.80	95.0	4.62	90.8	4.33	86.5	4.05
		38.1	105.2	5.12	100.8	4.97	97.0	4.80	95.0	4.62	90.8	4.33	86.5	4.05
	77	10.2	107.0	4.59	102.7	4.34	97.0	4.16	95.0	3.96	90.8	3.79	86.5	3.51
		12.7	107.3	4.58	102.7	4.33	97.0	4.14	95.0	3.96	90.8	3.77	86.5	3.49
		25.4	108.3	4.54	102.7	4.30	97.0	4.05	95.0	3.96	90.8	3.67	86.5	3.39
		31.8	108.7	4.42	102.7	4.20	97.0	4.05	95.0	3.86	90.8	3.67	86.5	3.39
		38.1	108.9	4.36	102.7	4.15	97.0	4.05	95.0	3.81	90.8	3.67	86.5	3.39
	86	10.2	108.7	4.16	102.7	3.88	97.0	3.60	95.0	3.51	90.8	3.31	86.5	3.01
		12.7	108.7	4.14	102.7	3.86	97.0	3.58	95.0	3.49	90.8	3.29	86.5	3.01
		25.4	108.7	4.05	102.7	3.77	97.0	3.49	95.0	3.39	90.8	3.20	86.5	3.01
		31.8	108.7	3.96	102.7	3.67	97.0	3.49	95.0	3.39	90.8	3.20	86.5	2.92
		38.1	108.7	3.91	102.7	3.62	97.0	3.49	95.0	3.39	90.8	3.20	86.5	2.88
	95	10.2	108.7	3.79	102.7	3.51	97.0	3.23	95.0	3.13	90.8	2.95	86.5	2.75
		12.7	108.7	3.77	102.7	3.49	97.0	3.20	95.0	3.11	90.8	2.92	86.5	2.73
		25.4	108.7	3.67	102.7	3.39	97.0	3.11	95.0	3.01	90.8	2.83	86.5	2.64
		31.8	108.7	3.58	102.7	3.29	97.0	3.01	95.0	2.92	90.8	2.83	86.5	2.64
		38.1	108.7	3.53	102.7	3.24	97.0	2.96	95.0	2.88	90.8	2.83	86.5	2.64
	104	10.2	108.7	3.54	102.7	3.23	97.0	2.85	95.0	2.75	90.8	2.66	86.5	2.47
		12.7	108.7	3.49	102.7	3.20	97.0	2.83	95.0	2.73	90.8	2.64	86.5	2.45
		25.4	108.7	3.29	102.7	3.11	97.0	2.73	95.0	2.64	90.8	2.54	86.5	2.36
		31.8	108.7	3.29	102.7	3.11	97.0	2.73	95.0	2.64	90.8	2.54	86.5	2.36
		38.1	108.7	3.29	102.7	3.11	97.0	2.73	95.0	2.64	90.8	2.54	86.5	2.36
	113	10.2	108.7	3.28	102.7	2.95	97.0	2.47	95.0	2.38	90.8	2.38	86.5	2.18
		12.7	108.7	3.20	102.7	2.92	97.0	2.45	95.0	2.36	90.8	2.36	86.5	2.16
		25.4	108.7	2.92	102.7	2.83	97.0	2.36	95.0	2.26	90.8	2.26	86.5	2.07
		31.8	108.7	3.01	102.7	2.92	97.0	2.45	95.0	2.36	90.8	2.26	86.5	2.07
		38.1	108.7	3.05	102.7	2.97	97.0	2.49	95.0	2.41	90.8	2.26	86.5	2.07

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN096BAS4, ARWB096BAS4

96,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
80	23	10.2	38.8	3.96	36.3	3.81	34.4	3.65	34.0	3.53	33.8	3.36	33.1	3.10
		12.7	40.1	4.05	37.6	3.90	35.6	3.73	35.2	3.60	35.0	3.44	34.3	3.17
		25.4	45.3	4.40	42.5	4.23	40.2	4.04	39.8	3.91	39.6	3.73	38.8	3.43
		31.8	50.1	4.74	46.9	4.56	44.4	4.36	43.9	4.22	43.7	4.02	42.8	3.70
		38.1	52.6	4.92	49.1	4.73	46.5	4.53	46.0	4.38	45.8	4.17	44.8	3.84
	32	10.2	69.2	5.82	63.8	5.58	59.4	5.35	58.3	5.17	57.5	4.92	55.3	4.54
		12.7	69.6	5.84	64.2	5.60	59.8	5.37	58.7	5.18	57.9	4.94	55.7	4.55
		25.4	71.3	5.90	65.7	5.67	61.2	5.43	60.1	5.24	59.3	5.00	57.0	4.60
		31.8	72.3	5.90	66.7	5.67	62.2	5.43	61.0	5.24	60.2	5.00	57.9	4.60
		38.1	72.8	5.90	67.2	5.67	62.7	5.43	61.4	5.24	60.6	5.00	58.3	4.60
	41	10.2	95.7	6.33	90.3	6.09	86.4	5.81	84.5	5.62	80.9	5.36	76.9	4.93
		12.7	95.9	6.36	90.5	6.12	86.4	5.84	84.5	5.65	80.9	5.39	76.9	4.96
		25.4	96.7	6.50	91.2	6.23	86.5	5.97	84.5	5.77	80.9	5.49	76.9	5.07
		31.8	96.7	6.54	91.1	6.28	86.5	6.01	84.5	5.81	80.9	5.53	76.9	5.09
		38.1	96.7	6.56	91.1	6.31	86.5	6.03	84.5	5.83	80.9	5.55	76.9	5.11
	50	10.2	96.2	5.82	90.7	5.56	86.4	5.28	84.5	5.13	80.9	4.86	76.9	4.50
		12.7	96.3	5.82	90.8	5.55	86.4	5.28	84.5	5.13	80.9	4.86	76.9	4.50
		25.4	96.7	5.79	91.2	5.52	86.5	5.29	84.5	5.14	80.9	4.87	76.9	4.51
		31.8	96.7	5.77	91.1	5.54	86.5	5.31	84.5	5.11	80.9	4.84	76.9	4.48
		38.1	96.7	5.76	91.1	5.55	86.5	5.32	84.5	5.10	80.9	4.83	76.9	4.47
	59	10.2	96.7	5.32	91.1	5.03	86.5	4.73	84.5	4.64	80.9	4.36	76.9	4.08
		12.7	96.7	5.27	91.1	4.99	86.5	4.71	84.5	4.62	80.9	4.33	76.9	4.05
		25.4	96.7	5.09	91.1	4.80	86.5	4.62	84.5	4.52	80.9	4.24	76.9	3.96
		31.8	96.7	4.99	91.1	4.80	86.5	4.62	84.5	4.42	80.9	4.14	76.9	3.86
		38.1	96.7	4.94	91.1	4.80	86.5	4.62	84.5	4.37	80.9	4.09	76.9	3.81
	68	10.2	96.7	4.44	91.1	4.26	86.5	4.05	84.5	3.98	80.9	3.79	76.9	3.51
		12.7	96.7	4.42	91.1	4.24	86.5	4.05	84.5	3.96	80.9	3.77	76.9	3.49
		25.4	96.7	4.33	91.1	4.14	86.5	4.05	84.5	3.86	80.9	3.67	76.9	3.39
		31.8	96.7	4.24	91.1	4.05	86.5	3.96	84.5	3.86	80.9	3.58	76.9	3.39
		38.1	96.7	4.19	91.1	4.01	86.5	3.91	84.5	3.86	80.9	3.53	76.9	3.39
	77	10.2	96.7	3.98	91.1	3.70	86.5	3.49	84.5	3.41	80.9	3.23	76.9	3.03
		12.7	96.7	3.96	91.1	3.67	86.5	3.49	84.5	3.39	80.9	3.20	76.9	3.01
		25.4	96.7	3.86	91.1	3.58	86.5	3.49	84.5	3.29	80.9	3.11	76.9	2.92
		31.8	96.7	3.77	91.1	3.58	86.5	3.39	84.5	3.29	80.9	3.11	76.9	2.92
		38.1	96.7	3.73	91.1	3.58	86.5	3.34	84.5	3.29	80.9	3.11	76.9	2.92
	86	10.2	96.7	3.51	91.1	3.31	86.5	3.13	84.5	3.03	80.9	2.85	76.9	2.66
		12.7	96.7	3.49	91.1	3.29	86.5	3.11	84.5	3.01	80.9	2.83	76.9	2.64
		25.4	96.7	3.39	91.1	3.20	86.5	3.01	84.5	2.92	80.9	2.73	76.9	2.54
		31.8	96.7	3.39	91.1	3.20	86.5	3.01	84.5	2.92	80.9	2.73	76.9	2.54
		38.1	96.7	3.39	91.1	3.20	86.5	3.01	84.5	2.92	80.9	2.73	76.9	2.54
	95	10.2	96.7	3.23	91.1	3.03	86.5	2.75	84.5	2.64	80.9	2.57	76.9	2.36
		12.7	96.7	3.20	91.1	3.01	86.5	2.73	84.5	2.64	80.9	2.54	76.9	2.36
		25.4	96.7	3.11	91.1	2.92	86.5	2.64	84.5	2.64	80.9	2.45	76.9	2.36
		31.8	96.7	3.11	91.1	2.83	86.5	2.64	84.5	2.54	80.9	2.45	76.9	2.26
		38.1	96.7	3.11	91.1	2.78	86.5	2.64	84.5	2.49	80.9	2.45	76.9	2.21
	104	10.2	96.7	3.06	91.1	2.75	86.5	2.45	84.5	2.47	80.9	2.26	76.9	2.18
		12.7	96.7	3.01	91.1	2.73	86.5	2.45	84.5	2.45	80.9	2.26	76.9	2.16
		25.4	96.7	2.83	91.1	2.64	86.5	2.45	84.5	2.36	80.9	2.26	76.9	2.07
		31.8	96.7	2.83	91.1	2.64	86.5	2.36	84.5	2.36	80.9	2.26	76.9	2.07
		38.1	96.7	2.83	91.1	2.64	86.5	2.31	84.5	2.36	80.9	2.26	76.9	2.07
	113	10.2	96.7	2.90	91.1	2.47	86.5	2.14	84.5	2.31	80.9	1.95	76.9	2.02
		12.7	96.7	2.83	91.1	2.45	86.5	2.16	84.5	2.26	80.9	1.98	76.9	1.98
		25.4	96.7	2.54	91.1	2.36	86.5	2.26	84.5	2.07	80.9	2.07	76.9	1.79
		31.8	96.7	2.54	91.1	2.45	86.5	2.07	84.5	2.16	80.9	2.07	76.9	1.88
		38.1	96.7	2.54	91.1	2.49	86.5	1.98	84.5	2.21	80.9	2.07	76.9	1.92

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN096BAS4, ARWB096BAS4

96,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
70	23	10.2	33.8	3.40	31.8	3.24	30.0	3.14	29.7	2.96	29.5	2.85	29.0	2.59
		12.7	35.0	3.48	32.9	3.31	31.0	3.20	30.7	3.02	30.5	2.91	30.0	2.65
		25.4	39.6	3.77	37.2	3.59	35.1	3.48	34.8	3.27	34.6	3.16	34.0	2.87
		31.8	43.8	4.07	41.1	3.88	38.8	3.75	38.5	3.53	38.2	3.41	37.5	3.10
		38.1	45.9	4.22	43.1	4.02	40.7	3.89	40.4	3.65	40.0	3.54	39.2	3.21
	32	10.2	60.5	4.98	55.9	4.75	51.9	4.59	51.0	4.32	50.2	4.18	48.4	3.80
		12.7	60.9	5.00	56.3	4.76	52.2	4.61	51.3	4.33	50.5	4.19	48.7	3.81
		25.4	62.3	5.06	57.6	4.81	53.4	4.67	52.5	4.38	51.7	4.24	49.8	3.85
		31.8	63.2	5.06	58.5	4.81	54.3	4.67	53.3	4.38	52.5	4.24	50.6	3.85
		38.1	63.6	5.06	58.9	4.81	54.7	4.67	53.8	4.38	52.9	4.24	51.0	3.85
	41	10.2	83.6	5.43	79.2	5.17	75.4	5.00	73.8	4.71	70.5	4.54	67.2	4.13
		12.7	83.8	5.46	79.4	5.19	75.4	5.03	73.8	4.73	70.5	4.57	67.2	4.15
		25.4	84.5	5.56	80.0	5.30	75.5	5.13	73.8	4.82	70.5	4.67	67.2	4.24
		31.8	84.5	5.60	79.9	5.34	75.5	5.17	73.8	4.86	70.5	4.70	67.2	4.27
		38.1	84.5	5.62	79.8	5.36	75.5	5.19	73.8	4.88	70.5	4.71	67.2	4.28
	50	10.2	84.0	5.00	79.5	4.72	75.5	4.55	73.8	4.30	70.5	4.12	67.2	3.77
		12.7	84.1	4.99	79.6	4.71	75.5	4.54	73.8	4.30	70.5	4.12	67.2	3.77
		25.4	84.5	4.95	79.9	4.68	75.5	4.50	73.8	4.30	70.5	4.12	67.2	3.77
		31.8	84.5	4.97	79.9	4.70	75.5	4.52	73.8	4.32	70.5	4.09	67.2	3.78
		38.1	84.5	4.98	79.9	4.71	75.5	4.53	73.8	4.33	70.5	4.08	67.2	3.78
	59	10.2	84.5	4.57	79.9	4.28	75.5	4.10	73.8	3.88	70.5	3.70	67.2	3.41
		12.7	84.5	4.52	79.9	4.24	75.5	4.05	73.8	3.86	70.5	3.67	67.2	3.39
		25.4	84.5	4.33	79.9	4.05	75.5	3.86	73.8	3.77	70.5	3.58	67.2	3.29
		31.8	84.5	4.33	79.9	4.05	75.5	3.86	73.8	3.77	70.5	3.49	67.2	3.29
		38.1	84.5	4.33	79.9	4.05	75.5	3.86	73.8	3.77	70.5	3.44	67.2	3.29
	68	10.2	84.5	3.79	79.9	3.60	75.5	3.51	73.8	3.41	70.5	3.23	67.2	3.03
		12.7	84.5	3.77	79.9	3.58	75.5	3.49	73.8	3.39	70.5	3.20	67.2	3.01
		25.4	84.5	3.67	79.9	3.49	75.5	3.39	73.8	3.29	70.5	3.11	67.2	2.92
		31.8	84.5	3.67	79.9	3.49	75.5	3.39	73.8	3.20	70.5	3.11	67.2	2.83
		38.1	84.5	3.67	79.9	3.49	75.5	3.39	73.8	3.16	70.5	3.11	67.2	2.78
	77	10.2	84.5	3.41	79.9	3.23	75.5	3.03	73.8	2.95	70.5	2.73	67.2	2.54
		12.7	84.5	3.39	79.9	3.20	75.5	3.01	73.8	2.92	70.5	2.73	67.2	2.54
		25.4	84.5	3.29	79.9	3.11	75.5	2.92	73.8	2.83	70.5	2.73	67.2	2.54
		31.8	84.5	3.20	79.9	3.01	75.5	2.92	73.8	2.83	70.5	2.64	67.2	2.54
		38.1	84.5	3.16	79.9	2.96	75.5	2.92	73.8	2.83	70.5	2.60	67.2	2.54
	86	10.2	84.5	3.03	79.9	2.85	75.5	2.66	73.8	2.54	70.5	2.47	67.2	2.26
		12.7	84.5	3.01	79.9	2.83	75.5	2.64	73.8	2.54	70.5	2.45	67.2	2.26
		25.4	84.5	2.92	79.9	2.73	75.5	2.54	73.8	2.54	70.5	2.36	67.2	2.26
		31.8	84.5	2.92	79.9	2.73	75.5	2.54	73.8	2.45	70.5	2.36	67.2	2.26
		38.1	84.5	2.92	79.9	2.73	75.5	2.54	73.8	2.40	70.5	2.36	67.2	2.26
	95	10.2	84.5	2.75	79.9	2.57	75.5	2.36	73.8	2.38	70.5	2.16	67.2	2.10
		12.7	84.5	2.73	79.9	2.54	75.5	2.36	73.8	2.36	70.5	2.16	67.2	2.07
		25.4	84.5	2.64	79.9	2.45	75.5	2.36	73.8	2.26	70.5	2.16	67.2	1.98
		31.8	84.5	2.64	79.9	2.45	75.5	2.26	73.8	2.26	70.5	2.16	67.2	1.98
		38.1	84.5	2.64	79.9	2.45	75.5	2.21	73.8	2.26	70.5	2.16	67.2	1.98
	104	10.2	84.5	2.57	79.9	2.38	75.5	2.18	73.8	2.07	70.5	1.98	67.2	1.90
		12.7	84.5	2.54	79.9	2.36	75.5	2.16	73.8	2.07	70.5	1.98	67.2	1.88
		25.4	84.5	2.45	79.9	2.26	75.5	2.07	73.8	2.07	70.5	1.98	67.2	1.79
		31.8	84.5	2.45	79.9	2.26	75.5	2.07	73.8	1.98	70.5	1.88	67.2	1.79
		38.1	84.5	2.45	79.9	2.26	75.5	2.07	73.8	1.93	70.5	1.83	67.2	1.79
	113	10.2	84.5	2.38	79.9	2.18	75.5	2.02	73.8	1.77	70.5	1.79	67.2	1.72
		12.7	84.5	2.36	79.9	2.16	75.5	1.98	73.8	1.79	70.5	1.79	67.2	1.70
		25.4	84.5	2.26	79.9	2.07	75.5	1.79	73.8	1.88	70.5	1.79	67.2	1.60
		31.8	84.5	2.26	79.9	2.07	75.5	1.88	73.8	1.70	70.5	1.60	67.2	1.60
		38.1	84.5	2.26	79.9	2.07	75.5	1.92	73.8	1.60	70.5	1.50	67.2	1.60

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN096BAS4, ARWB096BAS4

96,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
60	23	10.2	29.0	2.76	27.2	2.66	25.7	2.55	25.4	2.37	25.3	2.33	24.9	2.09
		12.7	30.0	2.83	28.1	2.72	26.6	2.61	26.3	2.43	26.2	2.39	25.7	2.13
		25.4	34.1	3.07	31.8	2.95	30.1	2.83	29.8	2.63	29.7	2.59	29.1	2.32
		31.8	37.6	3.30	35.2	3.19	33.4	3.06	33.0	2.84	32.9	2.80	32.1	2.49
		38.1	39.3	3.42	36.8	3.30	35.0	3.17	34.5	2.95	34.4	2.90	33.7	2.58
	32	10.2	51.9	4.05	47.8	3.91	44.6	3.74	43.7	3.48	43.1	3.43	41.6	3.06
		12.7	52.2	4.06	48.1	3.92	44.9	3.75	44.0	3.49	43.4	3.44	41.8	3.07
		25.4	53.4	4.11	49.2	3.96	46.0	3.80	45.0	3.53	44.4	3.48	42.7	3.10
		31.8	54.3	4.11	50.0	3.96	46.7	3.80	45.7	3.53	45.1	3.48	43.4	3.10
		38.1	54.7	4.11	50.4	3.96	47.1	3.80	46.1	3.53	45.5	3.48	43.8	3.10
	41	10.2	71.8	4.41	67.7	4.24	64.9	4.07	63.3	3.79	60.6	3.73	57.7	3.32
		12.7	71.9	4.43	67.8	4.27	64.9	4.09	63.3	3.81	60.6	3.75	57.7	3.34
		25.4	72.5	4.52	68.3	4.35	64.9	4.18	63.3	3.89	60.6	3.83	57.7	3.41
		31.8	72.5	4.56	68.2	4.38	64.9	4.21	63.3	3.92	60.6	3.85	57.7	3.44
		38.1	72.5	4.58	68.2	4.40	64.9	4.22	63.3	3.93	60.6	3.86	57.7	3.45
	50	10.2	72.2	4.05	67.9	3.88	64.9	3.69	63.3	3.45	60.6	3.38	57.7	3.03
		12.7	72.2	4.05	68.0	3.88	64.9	3.69	63.3	3.46	60.6	3.38	57.7	3.04
		25.4	72.5	4.05	68.3	3.88	64.9	3.69	63.3	3.50	60.6	3.37	57.7	3.07
		31.8	72.5	4.06	68.2	3.84	64.9	3.65	63.3	3.46	60.6	3.34	57.7	3.04
		38.1	72.5	4.07	68.2	3.82	64.9	3.63	63.3	3.44	60.6	3.33	57.7	3.02
	59	10.2	72.5	3.70	68.2	3.51	64.9	3.31	63.3	3.11	60.6	3.03	57.7	2.73
		12.7	72.5	3.67	68.2	3.49	64.9	3.29	63.3	3.11	60.6	3.01	57.7	2.73
		25.4	72.5	3.58	68.2	3.39	64.9	3.20	63.3	3.11	60.6	2.92	57.7	2.73
		31.8	72.5	3.58	68.2	3.29	64.9	3.11	63.3	3.01	60.6	2.83	57.7	2.64
		38.1	72.5	3.58	68.2	3.24	64.9	3.06	63.3	2.96	60.6	2.78	57.7	2.60
	68	10.2	72.5	3.23	68.2	3.03	64.9	2.85	63.3	2.75	60.6	2.66	57.7	2.47
		12.7	72.5	3.20	68.2	3.01	64.9	2.83	63.3	2.73	60.6	2.64	57.7	2.45
		25.4	72.5	3.11	68.2	2.92	64.9	2.73	63.3	2.64	60.6	2.54	57.7	2.36
		31.8	72.5	3.11	68.2	2.92	64.9	2.73	63.3	2.64	60.6	2.54	57.7	2.36
		38.1	72.5	3.11	68.2	2.92	64.9	2.73	63.3	2.64	60.6	2.54	57.7	2.36
	77	10.2	72.5	2.85	68.2	2.66	64.9	2.45	63.3	2.47	60.6	2.26	57.7	2.18
		12.7	72.5	2.83	68.2	2.64	64.9	2.45	63.3	2.45	60.6	2.26	57.7	2.16
		25.4	72.5	2.73	68.2	2.54	64.9	2.45	63.3	2.36	60.6	2.26	57.7	2.07
		31.8	72.5	2.73	68.2	2.54	64.9	2.36	63.3	2.36	60.6	2.26	57.7	2.07
		38.1	72.5	2.73	68.2	2.54	64.9	2.31	63.3	2.36	60.6	2.26	57.7	2.07
	86	10.2	72.5	2.57	68.2	2.38	64.9	2.28	63.3	2.18	60.6	2.10	57.7	2.00
		12.7	72.5	2.54	68.2	2.36	64.9	2.26	63.3	2.16	60.6	2.07	57.7	1.98
		25.4	72.5	2.45	68.2	2.26	64.9	2.16	63.3	2.07	60.6	1.98	57.7	1.88
		31.8	72.5	2.45	68.2	2.26	64.9	2.16	63.3	2.07	60.6	1.98	57.7	1.88
		38.1	72.5	2.45	68.2	2.26	64.9	2.16	63.3	2.07	60.6	1.98	57.7	1.88
	95	10.2	72.5	2.26	68.2	2.18	64.9	1.98	63.3	2.00	60.6	1.90	57.7	1.82
		12.7	72.5	2.26	68.2	2.16	64.9	1.98	63.3	1.98	60.6	1.88	57.7	1.79
		25.4	72.5	2.26	68.2	2.07	64.9	1.98	63.3	1.88	60.6	1.79	57.7	1.70
		31.8	72.5	2.26	68.2	2.07	64.9	1.88	63.3	1.88	60.6	1.79	57.7	1.70
		38.1	72.5	2.26	68.2	2.07	64.9	1.83	63.3	1.88	60.6	1.79	57.7	1.70
	104	10.2	72.5	2.07	68.2	2.00	64.9	1.79	63.3	1.82	60.6	1.72	57.7	1.60
		12.7	72.5	2.07	68.2	1.98	64.9	1.79	63.3	1.79	60.6	1.70	57.7	1.60
		25.4	72.5	2.07	68.2	1.88	64.9	1.79	63.3	1.70	60.6	1.60	57.7	1.60
		31.8	72.5	2.07	68.2	1.88	64.9	1.79	63.3	1.70	60.6	1.60	57.7	1.60
		38.1	72.5	2.07	68.2	1.88	64.9	1.79	63.3	1.70	60.6	1.60	57.7	1.60
	113	10.2	72.5	1.88	68.2	1.82	64.9	1.60	63.3	1.62	60.6	1.53	57.7	1.39
		12.7	72.5	1.88	68.2	1.79	64.9	1.60	63.3	1.60	60.6	1.51	57.7	1.41
		25.4	72.5	1.88	68.2	1.70	64.9	1.60	63.3	1.51	60.6	1.41	57.7	1.51
		31.8	72.5	1.88	68.2	1.70	64.9	1.70	63.3	1.51	60.6	1.41	57.7	1.51
		38.1	72.5	1.88	68.2	1.70	64.9	1.74	63.3	1.51	60.6	1.41	57.7	1.51

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN096BAS4, ARWB096BAS4

96,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
50	23	10.2	24.2	2.20	22.7	2.09	21.5	1.97	21.2	1.87	21.1	1.75	20.7	1.66
		12.7	25.0	2.25	23.5	2.13	22.2	2.02	21.9	1.91	21.8	1.79	21.4	1.70
		25.4	28.2	2.44	26.5	2.32	25.1	2.18	24.8	2.07	24.7	1.95	24.2	1.83
		31.8	31.2	2.63	29.3	2.49	27.7	2.36	27.4	2.24	27.2	2.09	26.8	1.98
		38.1	32.8	2.73	30.8	2.58	29.0	2.45	28.7	2.32	28.5	2.17	28.1	2.05
	32	10.2	43.1	3.23	40.0	3.06	37.1	2.88	36.3	2.74	35.8	2.57	34.6	2.43
		12.7	43.4	3.23	40.2	3.07	37.4	2.89	36.6	2.75	36.1	2.58	34.8	2.44
		25.4	44.4	3.26	41.1	3.10	38.3	2.93	37.5	2.79	37.0	2.61	35.6	2.46
		31.8	45.1	3.26	41.7	3.10	38.8	2.93	38.1	2.79	37.5	2.61	36.2	2.46
		38.1	45.5	3.26	42.0	3.10	39.0	2.93	38.4	2.79	37.7	2.61	36.5	2.46
	41	10.2	59.6	3.51	56.6	3.32	53.9	3.14	52.6	2.99	50.3	2.80	48.0	2.63
		12.7	59.8	3.53	56.7	3.34	53.9	3.16	52.6	3.00	50.3	2.82	48.0	2.65
		25.4	60.3	3.59	57.1	3.41	54.1	3.22	52.6	3.06	50.3	2.86	48.0	2.71
		31.8	60.3	3.62	57.0	3.44	54.1	3.24	52.6	3.08	50.3	2.89	48.0	2.73
		38.1	60.3	3.64	56.9	3.45	54.1	3.25	52.6	3.09	50.3	2.91	48.0	2.74
	50	10.2	60.0	3.23	56.7	3.04	53.9	2.86	52.6	2.73	50.3	2.53	48.0	2.41
		12.7	60.1	3.22	56.8	3.04	53.9	2.85	52.6	2.73	50.3	2.53	48.0	2.41
		25.4	60.3	3.20	57.1	3.03	54.1	2.83	52.6	2.71	50.3	2.56	48.0	2.39
		31.8	60.3	3.22	57.0	3.04	54.1	2.84	52.6	2.72	50.3	2.52	48.0	2.40
		38.1	60.3	3.23	56.9	3.04	54.1	2.85	52.6	2.72	50.3	2.50	48.0	2.40
	59	10.2	60.3	2.95	57.0	2.75	54.1	2.57	52.6	2.47	50.3	2.26	48.0	2.18
		12.7	60.3	2.92	57.0	2.73	54.1	2.54	52.6	2.45	50.3	2.26	48.0	2.16
		25.4	60.3	2.83	57.0	2.64	54.1	2.45	52.6	2.36	50.3	2.26	48.0	2.07
		31.8	60.3	2.83	57.0	2.64	54.1	2.45	52.6	2.36	50.3	2.16	48.0	2.07
		38.1	60.3	2.83	57.0	2.64	54.1	2.45	52.6	2.36	50.3	2.11	48.0	2.07
	68	10.2	60.3	2.57	57.0	2.38	54.1	2.28	52.6	2.18	50.3	2.10	48.0	1.88
		12.7	60.3	2.54	57.0	2.36	54.1	2.26	52.6	2.16	50.3	2.07	48.0	1.88
		25.4	60.3	2.45	57.0	2.26	54.1	2.16	52.6	2.07	50.3	1.98	48.0	1.88
		31.8	60.3	2.45	57.0	2.26	54.1	2.16	52.6	2.07	50.3	1.98	48.0	1.88
		38.1	60.3	2.45	57.0	2.26	54.1	2.16	52.6	2.07	50.3	1.98	48.0	1.88
	77	10.2	60.3	2.28	57.0	2.07	54.1	2.00	52.6	1.88	50.3	1.79	48.0	1.70
		12.7	60.3	2.26	57.0	2.07	54.1	1.98	52.6	1.88	50.3	1.79	48.0	1.70
		25.4	60.3	2.16	57.0	2.07	54.1	1.88	52.6	1.88	50.3	1.79	48.0	1.70
		31.8	60.3	2.16	57.0	2.07	54.1	1.88	52.6	1.88	50.3	1.79	48.0	1.70
		38.1	60.3	2.16	57.0	2.07	54.1	1.88	52.6	1.88	50.3	1.79	48.0	1.70
	86	10.2	60.3	2.10	57.0	1.90	54.1	1.82	52.6	1.70	50.3	1.72	48.0	1.62
		12.7	60.3	2.07	57.0	1.88	54.1	1.79	52.6	1.70	50.3	1.70	48.0	1.60
		25.4	60.3	1.98	57.0	1.79	54.1	1.70	52.6	1.70	50.3	1.60	48.0	1.51
		31.8	60.3	1.98	57.0	1.79	54.1	1.70	52.6	1.70	50.3	1.60	48.0	1.51
		38.1	60.3	1.98	57.0	1.79	54.1	1.70	52.6	1.70	50.3	1.60	48.0	1.51
	95	10.2	60.3	1.90	57.0	1.70	54.1	1.60	52.6	1.62	50.3	1.51	48.0	1.41
		12.7	60.3	1.88	57.0	1.70	54.1	1.60	52.6	1.60	50.3	1.51	48.0	1.41
		25.4	60.3	1.79	57.0	1.70	54.1	1.60	52.6	1.51	50.3	1.51	48.0	1.41
		31.8	60.3	1.79	57.0	1.70	54.1	1.60	52.6	1.51	50.3	1.51	48.0	1.41
		38.1	60.3	1.79	57.0	1.70	54.1	1.60	52.6	1.51	50.3	1.51	48.0	1.41
	104	10.2	60.3	1.72	57.0	1.62	54.1	1.53	52.6	1.41	50.3	1.44	48.0	1.32
		12.7	60.3	1.70	57.0	1.60	54.1	1.51	52.6	1.41	50.3	1.41	48.0	1.32
		25.4	60.3	1.60	57.0	1.51	54.1	1.41	52.6	1.41	50.3	1.32	48.0	1.32
		31.8	60.3	1.60	57.0	1.51	54.1	1.41	52.6	1.41	50.3	1.32	48.0	1.32
		38.1	60.3	1.60	57.0	1.51	54.1	1.41	52.6	1.41	50.3	1.32	48.0	1.32
	113	10.2	60.3	1.53	57.0	1.56	54.1	1.46	52.6	1.21	50.3	1.36	48.0	1.23
		12.7	60.3	1.51	57.0	1.51	54.1	1.41	52.6	1.23	50.3	1.32	48.0	1.23
		25.4	60.3	1.41	57.0	1.32	54.1	1.23	52.6	1.32	50.3	1.13	48.0	1.23
		31.8	60.3	1.41	57.0	1.32	54.1	1.23	52.6	1.32	50.3	1.13	48.0	1.23
		38.1	60.3	1.41	57.0	1.32	54.1	1.23	52.6	1.32	50.3	1.13	48.0	1.23

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN121BAS4, ARWB121BAS4

121,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
130	23	12.2	63.9	7.68	63.4	7.23	63.0	6.73	62.2	6.53	62.9	6.36	61.2	5.70
		15.2	66.1	7.81	65.6	7.37	65.2	6.88	64.3	6.67	65.1	6.50	63.3	5.83
		30.4	74.7	8.34	74.1	7.92	73.7	7.46	72.7	7.24	73.6	7.04	71.7	6.32
		38.0	82.6	8.87	81.9	8.47	81.4	8.04	80.4	7.82	81.4	7.60	79.2	6.81
		45.6	86.6	9.14	85.8	8.74	85.2	8.33	84.2	8.12	85.3	7.88	83.0	7.06
	32	12.2	114.1	10.50	111.5	10.19	109.1	9.85	106.7	9.58	107.1	9.31	102.2	8.34
		15.2	114.8	10.53	112.1	10.21	109.8	9.88	107.4	9.60	107.7	9.34	102.9	8.37
		30.4	117.5	10.64	114.7	10.31	112.3	10.00	109.9	9.72	110.3	9.44	105.4	8.47
		38.0	119.3	10.64	116.4	10.31	114.0	10.00	111.5	9.72	111.9	9.44	106.9	8.47
		45.6	120.2	10.64	117.3	10.31	114.9	10.00	112.3	9.72	112.7	9.44	107.6	8.47
	41	12.2	164.3	11.29	161.8	11.01	158.5	10.73	154.5	10.42	150.3	10.14	142.0	9.08
		15.2	164.9	11.34	162.1	11.06	158.5	10.78	154.5	10.48	150.3	10.19	142.0	9.12
		30.4	167.1	11.54	163.3	11.26	158.6	11.00	154.5	10.69	150.3	10.39	142.0	9.31
		38.0	168.2	11.61	163.8	11.34	158.6	11.07	154.5	10.77	150.3	10.46	142.0	9.38
		45.6	168.7	11.65	164.0	11.37	158.6	11.11	154.5	10.81	150.3	10.50	142.0	9.41
	50	12.2	164.5	10.27	161.9	9.92	158.0	9.74	153.8	9.52	149.7	9.19	141.5	8.30
		15.2	165.5	10.25	162.6	9.93	158.6	9.76	154.5	9.52	150.3	9.19	142.0	8.29
		30.4	169.4	10.17	165.6	9.97	161.1	9.83	157.0	9.50	152.6	9.16	144.3	8.27
		38.0	170.3	10.31	166.8	10.11	162.1	9.87	157.7	9.54	153.6	9.31	145.2	8.66
		45.6	170.7	10.38	167.3	10.18	162.6	9.89	158.1	9.56	154.1	9.39	145.6	8.85
	59	12.2	164.8	9.26	161.9	8.86	157.3	8.76	153.2	8.62	149.2	8.25	140.9	7.52
		15.2	166.1	9.16	163.1	8.82	158.6	8.75	154.5	8.56	150.3	8.19	142.0	7.46
		30.4	171.5	8.80	168.0	8.67	163.6	8.67	159.5	8.30	154.8	7.94	146.6	7.20
		38.0	172.4	9.01	169.7	8.87	165.6	8.67	161.1	8.30	157.0	8.16	148.3	7.94
		45.6	172.9	9.12	170.5	8.97	166.7	8.67	161.9	8.30	158.1	8.28	149.2	8.31
	68	12.2	171.1	8.49	167.9	8.09	163.5	7.92	159.0	7.66	154.4	7.49	145.2	7.26
		15.2	172.4	8.43	169.3	8.09	164.8	7.91	160.2	7.70	155.7	7.54	146.6	7.20
		30.4	177.8	8.19	174.7	8.06	169.8	7.89	165.3	7.82	161.1	7.75	152.0	6.96
		38.0	178.6	8.19	175.9	8.06	171.8	7.94	166.9	7.82	162.4	7.75	153.2	7.41
		45.6	179.0	8.19	176.6	8.06	172.8	7.96	167.7	7.82	163.0	7.75	153.8	7.63
	77	12.2	180.6	8.09	175.9	7.86	171.8	7.73	168.5	7.60	164.8	7.49	155.3	7.00
		15.2	180.6	8.06	175.9	7.85	171.8	7.70	168.5	7.57	164.8	7.46	155.3	6.96
		30.4	180.6	7.94	175.9	7.80	171.8	7.57	168.5	7.46	164.8	7.33	155.3	6.84
		38.0	180.6	7.82	175.9	7.60	171.8	7.46	168.5	7.33	164.8	7.20	155.3	6.72
		45.6	180.6	7.77	175.9	7.49	171.8	7.40	168.5	7.27	164.8	7.14	155.3	6.67
	86	12.2	180.6	7.89	175.9	7.49	171.8	7.43	168.5	7.23	164.8	7.15	155.3	6.66
		15.2	180.6	7.82	175.9	7.48	171.8	7.38	168.5	7.20	164.8	7.09	155.3	6.60
		30.4	180.6	7.57	175.9	7.43	171.8	7.20	168.5	7.09	164.8	6.84	155.3	6.36
		38.0	180.6	7.46	175.9	7.23	171.8	7.09	168.5	6.96	164.8	6.84	155.3	6.36
		45.6	180.6	7.40	175.9	7.13	171.8	7.03	168.5	6.90	164.8	6.84	155.3	6.36
	95	12.2	180.6	7.52	175.9	7.27	171.8	7.12	168.5	6.87	164.8	6.63	155.3	6.16
		15.2	180.6	7.46	175.9	7.23	171.8	7.09	168.5	6.84	164.8	6.60	155.3	6.10
		30.4	180.6	7.20	175.9	7.06	171.8	6.96	168.5	6.72	164.8	6.47	155.3	5.86
		38.0	180.6	7.20	175.9	6.99	171.8	6.84	168.5	6.60	164.8	6.36	155.3	5.86
		45.6	180.6	7.20	175.9	6.95	171.8	6.77	168.5	6.53	164.8	6.30	155.3	5.86
	104	12.2	180.6	7.26	175.9	7.03	171.8	6.90	168.5	6.66	164.8	6.42	155.3	5.80
		15.2	180.6	7.20	175.9	6.99	171.8	6.84	168.5	6.60	164.8	6.36	155.3	5.74
		30.4	180.6	6.96	175.9	6.81	171.8	6.60	168.5	6.36	164.8	6.10	155.3	5.50
		38.0	180.6	6.84	175.9	6.70	171.8	6.60	168.5	6.36	164.8	6.10	155.3	5.50
		45.6	180.6	6.77	175.9	6.64	171.8	6.60	168.5	6.36	164.8	6.10	155.3	5.50
	113	12.2	180.6	7.02	175.9	6.79	171.8	6.69	168.5	6.45	164.8	6.20	155.3	5.43
		15.2	180.6	6.96	175.9	6.75	171.8	6.60	168.5	6.36	164.8	6.10	155.3	5.37
		30.4	180.6	6.72	175.9	6.57	171.8	6.23	168.5	5.99	164.8	5.74	155.3	5.13
		38.0	180.6	6.47	175.9	6.41	171.8	6.36	168.5	6.10	164.8	5.86	155.3	5.13
		45.6	180.6	6.34	175.9	6.32	171.8	6.42	168.5	6.16	164.8	5.93	155.3	5.13

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN121BAS4, ARWB121BAS4

121,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
120	23	12.2	60.7	7.68	60.2	7.23	59.8	6.73	59.1	6.44	59.6	6.26	58.0	5.60
		15.2	62.8	7.81	62.3	7.37	61.9	6.88	61.2	6.58	61.7	6.39	60.0	5.72
		30.4	71.1	8.34	70.5	7.92	70.1	7.46	69.2	7.14	69.8	6.94	67.9	6.22
		38.0	78.5	8.87	77.9	8.47	77.4	8.04	76.5	7.71	77.1	7.48	75.0	6.70
		45.6	82.2	9.14	81.6	8.74	81.0	8.33	80.1	8.00	80.8	7.76	78.5	6.94
	32	12.2	108.5	10.50	105.9	10.19	103.6	9.85	101.5	9.44	101.5	9.17	96.8	8.20
		15.2	109.1	10.53	106.5	10.21	104.2	9.88	102.1	9.47	102.1	9.20	97.5	8.23
		30.4	111.6	10.64	109.0	10.31	106.7	10.00	104.5	9.58	104.5	9.30	99.8	8.33
		38.0	113.4	10.64	110.8	10.31	108.4	10.00	106.1	9.58	106.0	9.30	101.3	8.33
		45.6	114.3	10.64	111.6	10.31	109.2	10.00	106.9	9.58	106.8	9.30	102.1	8.33
	41	12.2	156.4	11.29	154.1	11.01	150.7	10.73	147.1	10.27	142.4	9.98	134.6	8.94
		15.2	157.0	11.34	154.3	11.06	150.7	10.78	147.1	10.33	142.4	10.03	134.6	8.99
		30.4	159.2	11.54	155.5	11.26	150.7	11.00	147.1	10.54	142.4	10.24	134.6	9.16
		38.0	160.1	11.61	154.6	11.34	150.7	11.07	147.1	10.62	142.4	10.31	134.6	9.23
		45.6	160.6	11.65	154.1	11.37	150.7	11.11	147.1	10.65	142.4	10.35	134.6	9.26
	50	12.2	157.0	10.14	154.1	9.86	150.3	9.66	146.6	9.36	142.0	9.06	134.3	8.14
		15.2	157.7	10.17	154.7	9.90	150.7	9.69	147.1	9.38	142.4	9.05	134.6	8.15
		30.4	160.6	10.31	157.2	10.05	152.3	9.83	148.7	9.43	143.9	9.02	136.0	8.19
		38.0	161.5	10.27	156.7	10.05	153.0	9.87	149.3	9.47	144.5	9.06	136.6	8.47
		45.6	161.9	10.26	156.5	10.05	153.3	9.89	149.6	9.48	144.9	9.08	136.9	8.61
	59	12.2	157.4	8.99	154.3	8.73	149.8	8.59	146.2	8.46	141.7	8.12	133.9	7.36
		15.2	158.4	9.01	155.2	8.75	150.7	8.61	147.1	8.43	142.4	8.06	134.6	7.33
		30.4	162.0	9.09	159.0	8.82	154.1	8.67	150.3	8.30	145.3	7.82	137.5	7.20
		38.0	162.9	8.95	158.9	8.75	155.3	8.67	151.6	8.30	146.6	7.82	138.8	7.70
		45.6	163.3	8.88	158.8	8.71	156.0	8.67	152.2	8.30	147.2	7.82	139.4	7.94
	68	12.2	161.8	8.09	158.8	7.74	154.0	7.54	149.7	7.43	144.9	7.34	137.1	6.96
		15.2	162.9	8.09	159.7	7.77	154.8	7.57	150.7	7.46	145.8	7.33	137.9	6.94
		30.4	167.0	8.09	163.5	7.89	158.2	7.70	154.5	7.57	149.4	7.30	141.2	6.84
		38.0	167.8	8.01	163.4	7.82	159.5	7.70	155.3	7.57	150.3	7.33	142.0	7.09
		45.6	168.2	7.97	163.3	7.79	160.1	7.70	155.8	7.57	150.8	7.34	142.5	7.22
	77	12.2	169.7	7.65	164.8	7.29	159.5	7.15	156.1	7.00	152.0	6.87	143.7	6.39
		15.2	169.8	7.62	164.8	7.28	159.5	7.14	156.1	6.96	152.0	6.84	143.7	6.36
		30.4	170.2	7.51	164.8	7.23	159.5	7.09	156.1	6.84	152.0	6.72	143.7	6.23
		38.0	170.7	7.23	164.8	7.04	159.5	6.96	156.1	6.84	152.0	6.60	143.7	6.23
		45.6	170.9	7.09	164.8	6.94	159.5	6.90	156.1	6.84	152.0	6.53	143.7	6.23
	86	12.2	170.7	7.31	164.8	6.95	159.5	6.76	156.1	6.50	152.0	6.42	143.7	5.90
		15.2	170.7	7.25	164.8	6.91	159.5	6.72	156.1	6.47	152.0	6.36	143.7	5.86
		30.4	170.7	7.01	164.8	6.75	159.5	6.60	156.1	6.36	152.0	6.10	143.7	5.74
		38.0	170.7	6.79	164.8	6.60	159.5	6.47	156.1	6.36	152.0	6.10	143.7	5.62
		45.6	170.7	6.67	164.8	6.52	159.5	6.41	156.1	6.36	152.0	6.10	143.7	5.57
	95	12.2	170.7	6.99	164.8	6.61	159.5	6.42	156.1	6.16	152.0	5.92	143.7	5.40
		15.2	170.7	6.89	164.8	6.55	159.5	6.36	156.1	6.10	152.0	5.86	143.7	5.37
		30.4	170.7	6.50	164.8	6.31	159.5	6.10	156.1	5.86	152.0	5.62	143.7	5.26
		38.0	170.7	6.42	164.8	6.26	159.5	6.10	156.1	5.86	152.0	5.62	143.7	5.13
		45.6	170.7	6.38	164.8	6.23	159.5	6.10	156.1	5.86	152.0	5.62	143.7	5.07
	104	12.2	170.7	6.78	164.8	6.30	159.5	6.05	156.1	5.80	152.0	5.56	143.7	5.03
		15.2	170.7	6.65	164.8	6.23	159.5	5.99	156.1	5.74	152.0	5.50	143.7	5.00
		30.4	170.7	6.13	164.8	5.94	159.5	5.74	156.1	5.50	152.0	5.26	143.7	4.89
		38.0	170.7	6.05	164.8	5.86	159.5	5.74	156.1	5.50	152.0	5.26	143.7	4.76
		45.6	170.7	6.02	164.8	5.83	159.5	5.74	156.1	5.50	152.0	5.26	143.7	4.70
	113	12.2	170.7	6.57	164.8	6.00	159.5	5.69	156.1	5.43	152.0	5.19	143.7	4.67
		15.2	170.7	6.41	164.8	5.91	159.5	5.62	156.1	5.37	152.0	5.13	143.7	4.64
		30.4	170.7	5.76	164.8	5.57	159.5	5.37	156.1	5.13	152.0	4.89	143.7	4.52
		38.0	170.7	5.69	164.8	5.47	159.5	5.37	156.1	5.13	152.0	4.89	143.7	4.40
		45.6	170.7	5.65	164.8	5.42	159.5	5.37	156.1	5.13	152.0	4.89	143.7	4.33

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN121BAS4, ARWB121BAS4
121,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
110	23	12.2	57.4	7.78	57.1	7.23	56.7	6.73	56.1	6.44	56.2	6.26	55.0	5.60
		15.2	59.4	7.91	59.0	7.37	58.6	6.88	58.0	6.58	58.1	6.39	56.9	5.72
		30.4	67.2	8.44	66.8	7.92	66.4	7.46	65.7	7.14	65.7	6.94	64.4	6.22
		38.0	74.2	8.99	73.7	8.47	73.3	8.04	72.6	7.71	72.6	7.48	71.1	6.70
		45.6	77.8	9.26	77.2	8.74	76.8	8.33	76.1	8.00	76.1	7.76	74.4	6.94
	32	12.2	102.6	10.64	100.4	10.19	98.3	9.85	96.4	9.44	95.5	9.17	91.9	8.20
		15.2	103.2	10.67	101.0	10.21	98.8	9.88	96.9	9.47	96.1	9.20	92.4	8.23
		30.4	105.6	10.77	103.4	10.31	101.1	10.00	99.2	9.58	98.3	9.30	94.6	8.33
		38.0	107.2	10.77	105.0	10.31	102.7	10.00	100.7	9.58	99.8	9.30	95.9	8.33
		45.6	108.1	10.77	105.8	10.31	103.5	10.00	101.5	9.58	100.6	9.30	96.6	8.33
	41	12.2	149.7	11.44	146.1	11.01	142.8	10.73	139.5	10.27	134.1	9.98	127.6	8.94
		15.2	150.2	11.49	146.4	11.06	142.8	10.78	139.5	10.33	134.1	10.03	127.6	8.99
		30.4	152.2	11.69	147.6	11.26	142.9	11.00	139.5	10.54	134.1	10.24	127.6	9.16
		38.0	153.1	11.77	147.9	11.34	142.9	11.07	139.5	10.62	134.1	10.31	127.6	9.23
		45.6	153.5	11.80	148.1	11.37	142.9	11.11	139.5	10.65	134.1	10.35	127.6	9.26
	50	12.2	150.3	10.26	146.5	9.90	142.6	9.69	139.3	9.36	133.9	9.06	127.4	8.14
		15.2	150.8	10.27	146.9	9.93	142.8	9.72	139.5	9.38	134.1	9.05	127.6	8.15
		30.4	153.1	10.35	148.4	10.05	143.7	9.83	140.4	9.43	135.0	9.02	128.2	8.19
		38.0	154.0	10.35	149.1	10.05	144.2	9.81	140.7	9.40	135.3	9.06	128.6	8.28
		45.6	154.4	10.35	149.4	10.05	144.4	9.79	140.8	9.39	135.4	9.08	128.8	8.32
	59	12.2	150.7	9.07	146.8	8.82	142.5	8.67	139.1	8.46	133.7	8.12	127.3	7.36
		15.2	151.3	9.06	147.3	8.82	142.9	8.67	139.5	8.43	134.1	8.06	127.6	7.33
		30.4	153.8	9.01	149.4	8.82	144.5	8.67	141.2	8.30	135.9	7.82	128.8	7.20
		38.0	154.7	8.95	150.2	8.75	145.3	8.56	141.7	8.19	136.3	7.82	129.6	7.33
		45.6	155.2	8.92	150.6	8.71	145.7	8.50	141.9	8.13	136.4	7.82	130.0	7.39
	68	12.2	153.5	7.83	149.3	7.65	144.5	7.46	140.6	7.33	135.5	7.12	128.3	6.66
		15.2	154.3	7.85	149.8	7.65	144.9	7.46	141.2	7.33	135.9	7.09	128.8	6.65
		30.4	157.6	7.91	151.8	7.65	146.6	7.46	143.3	7.33	137.5	6.96	130.9	6.60
		38.0	158.5	7.91	153.1	7.65	147.4	7.46	143.7	7.20	138.3	6.96	131.2	6.60
		45.6	158.9	7.91	153.7	7.65	147.9	7.46	143.9	7.14	138.6	6.96	131.4	6.60
	77	12.2	158.3	7.13	153.6	6.87	147.4	6.76	144.2	6.50	139.1	6.26	131.7	5.74
		15.2	158.6	7.12	153.6	6.84	147.4	6.72	144.2	6.47	139.1	6.23	131.7	5.74
		30.4	159.9	7.06	153.6	6.72	147.4	6.60	144.2	6.36	139.1	6.10	131.7	5.74
		38.0	160.6	7.06	153.6	6.75	147.4	6.47	144.2	6.36	139.1	5.99	131.7	5.62
		45.6	161.0	7.06	153.6	6.76	147.4	6.41	144.2	6.36	139.1	5.93	131.7	5.57
	86	12.2	160.6	6.50	153.6	6.26	147.4	6.02	144.2	5.90	139.1	5.53	131.7	5.16
		15.2	160.6	6.47	153.6	6.23	147.4	5.99	144.2	5.86	139.1	5.50	131.7	5.13
		30.4	160.6	6.36	153.6	6.10	147.4	5.86	144.2	5.74	139.1	5.37	131.7	5.00
		38.0	160.6	6.31	153.6	5.99	147.4	5.74	144.2	5.62	139.1	5.37	131.7	5.00
		45.6	160.6	6.28	153.6	5.93	147.4	5.67	144.2	5.57	139.1	5.37	131.7	5.00
	95	12.2	160.6	6.16	153.6	5.77	147.4	5.53	144.2	5.29	139.1	5.03	131.7	4.67
		15.2	160.6	6.10	153.6	5.74	147.4	5.50	144.2	5.26	139.1	5.00	131.7	4.64
		30.4	160.6	5.86	153.6	5.62	147.4	5.37	144.2	5.13	139.1	4.89	131.7	4.52
		38.0	160.6	5.71	153.6	5.50	147.4	5.26	144.2	5.13	139.1	4.89	131.7	4.52
		45.6	160.6	5.64	153.6	5.43	147.4	5.20	144.2	5.13	139.1	4.89	131.7	4.52
	104	12.2	160.6	5.80	153.6	5.56	147.4	5.19	144.2	4.92	139.1	4.67	131.7	4.30
		15.2	160.6	5.74	153.6	5.50	147.4	5.13	144.2	4.89	139.1	4.64	131.7	4.27
		30.4	160.6	5.50	153.6	5.26	147.4	4.89	144.2	4.76	139.1	4.52	131.7	4.16
		38.0	160.6	5.42	153.6	5.13	147.4	4.89	144.2	4.64	139.1	4.40	131.7	4.03
		45.6	160.6	5.38	153.6	5.07	147.4	4.89	144.2	4.57	139.1	4.33	131.7	3.97
	113	12.2	160.6	5.43	153.6	5.35	147.4	4.86	144.2	4.56	139.1	4.30	131.7	3.93
		15.2	160.6	5.37	153.6	5.26	147.4	4.76	144.2	4.52	139.1	4.27	131.7	3.91
		30.4	160.6	5.13	153.6	4.89	147.4	4.40	144.2	4.40	139.1	4.16	131.7	3.79
		38.0	160.6	5.13	153.6	4.76	147.4	4.52	144.2	4.16	139.1	3.91	131.7	3.54
		45.6	160.6	5.13	153.6	4.70	147.4	4.59	144.2	4.04	139.1	3.78	131.7	3.41

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN121BAS4, ARWB121BAS4

121,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
100	23	12.2	54.3	7.78	53.9	7.33	53.7	6.73	53.2	6.44	52.7	6.16	51.7	5.60
		15.2	56.1	7.91	55.8	7.47	55.5	6.88	55.0	6.58	54.5	6.29	53.5	5.72
		30.4	63.5	8.44	63.2	8.03	62.8	7.46	62.2	7.14	61.7	6.84	60.7	6.22
		38.0	70.2	8.99	69.7	8.58	69.3	8.04	68.7	7.71	68.2	7.37	66.9	6.70
		45.6	73.6	9.26	73.0	8.86	72.6	8.33	72.0	8.00	71.5	7.64	70.1	6.94
	32	12.2	97.0	10.64	94.9	10.32	92.9	9.85	91.3	9.44	89.6	9.04	86.5	8.20
		15.2	97.6	10.67	95.4	10.35	93.4	9.88	91.8	9.47	90.2	9.06	87.0	8.23
		30.4	99.8	10.77	97.7	10.45	95.6	10.00	93.9	9.58	92.3	9.16	89.0	8.33
		38.0	101.3	10.77	99.2	10.45	97.1	10.00	95.3	9.58	93.7	9.16	90.4	8.33
		45.6	102.1	10.77	100.0	10.45	97.8	10.00	96.0	9.58	94.4	9.16	91.1	8.33
	41	12.2	143.2	11.44	138.4	11.16	134.8	10.73	132.1	10.27	125.8	9.83	120.1	8.94
		15.2	143.7	11.49	138.6	11.21	134.9	10.78	132.1	10.33	125.8	9.88	120.1	8.99
		30.4	145.7	11.69	139.6	11.41	135.0	11.00	132.1	10.54	125.8	10.09	120.1	9.16
		38.0	146.6	11.77	140.0	11.49	135.0	11.07	132.1	10.62	125.8	10.15	120.1	9.23
		45.6	147.0	11.80	140.2	11.53	135.0	11.11	132.1	10.65	125.8	10.18	120.1	9.26
	50	12.2	143.9	10.23	138.8	10.00	135.0	9.69	132.1	9.36	125.8	8.90	120.1	8.14
		15.2	144.3	10.27	139.0	10.03	135.0	9.72	132.1	9.38	125.8	8.91	120.1	8.15
		30.4	145.7	10.46	139.8	10.16	135.0	9.83	132.1	9.43	125.8	8.95	120.1	8.19
		38.0	146.7	10.43	140.4	10.16	135.0	9.81	132.1	9.40	125.8	8.92	120.1	8.15
		45.6	147.2	10.41	140.7	10.16	135.0	9.79	132.1	9.39	125.8	8.91	120.1	8.13
	59	12.2	144.7	9.02	139.4	8.87	135.0	8.67	132.1	8.46	125.8	7.97	120.1	7.36
		15.2	144.9	9.06	139.5	8.87	135.0	8.67	132.1	8.43	125.8	7.94	120.1	7.33
		30.4	145.7	9.24	139.9	8.90	135.0	8.67	132.1	8.30	125.8	7.82	120.1	7.20
		38.0	146.9	9.09	140.7	8.82	135.0	8.56	132.1	8.19	125.8	7.70	120.1	7.09
		45.6	147.6	9.01	141.0	8.78	135.0	8.50	132.1	8.13	125.8	7.63	120.1	7.03
	68	12.2	145.5	7.71	140.2	7.51	135.0	7.33	132.1	7.23	125.8	6.76	120.1	6.42
		15.2	146.1	7.75	140.3	7.52	135.0	7.33	132.1	7.20	125.8	6.72	120.1	6.36
		30.4	148.2	7.89	140.7	7.54	135.0	7.33	132.1	7.09	125.8	6.60	120.1	6.10
		38.0	149.1	7.75	141.9	7.48	135.0	7.20	132.1	6.96	125.8	6.47	120.1	5.99
		45.6	149.5	7.68	142.5	7.45	135.0	7.14	132.1	6.90	125.8	6.41	120.1	5.93
	77	12.2	147.3	6.74	142.4	6.53	135.0	6.26	132.1	6.02	125.8	5.66	120.1	5.13
		15.2	147.8	6.75	142.4	6.50	135.0	6.23	132.1	5.99	125.8	5.62	120.1	5.13
		30.4	149.9	6.77	142.4	6.36	135.0	6.10	132.1	5.86	125.8	5.50	120.1	5.13
		38.0	150.7	6.62	142.4	6.31	135.0	5.99	132.1	5.74	125.8	5.50	120.1	5.00
		45.6	151.1	6.55	142.4	6.28	135.0	5.93	132.1	5.67	125.8	5.50	120.1	4.94
	86	12.2	150.7	6.13	142.4	5.66	135.0	5.27	132.1	5.16	125.8	4.76	120.1	4.56
		15.2	150.7	6.10	142.4	5.62	135.0	5.26	132.1	5.13	125.8	4.76	120.1	4.52
		30.4	150.7	5.99	142.4	5.50	135.0	5.21	132.1	5.00	125.8	4.76	120.1	4.40
		38.0	150.7	5.86	142.4	5.50	135.0	5.13	132.1	5.00	125.8	4.64	120.1	4.40
		45.6	150.7	5.80	142.4	5.50	135.0	5.09	132.1	5.00	125.8	4.57	120.1	4.40
	95	12.2	150.7	5.69	142.4	5.19	135.0	4.65	132.1	4.56	125.8	4.30	120.1	3.93
		15.2	150.7	5.62	142.4	5.13	135.0	4.64	132.1	4.52	125.8	4.27	120.1	3.91
		30.4	150.7	5.37	142.4	4.89	135.0	4.59	132.1	4.40	125.8	4.16	120.1	3.79
		38.0	150.7	5.37	142.4	4.89	135.0	4.52	132.1	4.40	125.8	4.16	120.1	3.79
		45.6	150.7	5.37	142.4	4.89	135.0	4.49	132.1	4.40	125.8	4.16	120.1	3.79
	104	12.2	150.7	5.32	142.4	4.83	135.0	4.17	132.1	4.06	125.8	3.82	120.1	3.57
		15.2	150.7	5.26	142.4	4.76	135.0	4.16	132.1	4.03	125.8	3.79	120.1	3.54
		30.4	150.7	5.00	142.4	4.52	135.0	4.11	132.1	3.91	125.8	3.67	120.1	3.42
		38.0	150.7	4.89	142.4	4.52	135.0	4.03	132.1	3.91	125.8	3.67	120.1	3.42
		45.6	150.7	4.83	142.4	4.52	135.0	3.99	132.1	3.91	125.8	3.67	120.1	3.42
	113	12.2	150.7	4.95	142.4	4.46	135.0	3.68	132.1	3.57	125.8	3.33	120.1	3.20
		15.2	150.7	4.89	142.4	4.40	135.0	3.67	132.1	3.54	125.8	3.30	120.1	3.17
		30.4	150.7	4.64	142.4	4.16	135.0	3.61	132.1	3.42	125.8	3.17	120.1	3.06
		38.0	150.7	4.40	142.4	4.16	135.0	3.54	132.1	3.42	125.8	3.17	120.1	3.06
		45.6	150.7	4.28	142.4	4.16	135.0	3.50	132.1	3.42	125.8	3.17	120.1	3.06

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN121BAS4, ARWB121BAS4

121,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
90	23	12.2	51.2	7.22	49.6	6.57	48.2	5.77	47.8	5.50	47.5	5.30	46.6	4.76
		15.2	53.0	7.34	51.4	6.70	49.9	5.90	49.5	5.62	49.1	5.42	48.2	4.87
		30.4	60.0	7.84	58.1	7.19	56.4	6.41	56.0	6.10	55.6	5.89	54.5	5.28
		38.0	66.3	8.33	64.2	7.70	62.3	6.91	61.8	6.58	61.4	6.34	60.3	5.70
		45.6	69.5	8.58	67.2	7.95	65.3	7.17	64.7	6.83	64.3	6.57	63.2	5.91
	32	12.2	91.6	9.83	87.4	9.23	83.4	8.47	82.2	8.08	80.8	7.78	77.8	6.98
		15.2	92.2	9.86	87.9	9.25	83.9	8.49	82.6	8.10	81.3	7.80	78.2	7.00
		30.4	94.3	9.96	89.9	9.35	85.9	8.58	84.5	8.19	83.1	7.89	80.1	7.08
		38.0	95.7	9.96	91.3	9.35	87.3	8.58	85.8	8.19	84.5	7.89	81.4	7.08
		45.6	96.4	9.96	92.0	9.35	88.0	8.58	86.4	8.19	85.2	7.89	82.0	7.08
	41	12.2	129.5	10.56	125.3	9.96	121.3	9.22	118.8	8.79	113.5	8.46	108.1	7.60
		15.2	129.6	10.60	125.2	10.01	121.3	9.26	118.8	8.83	113.5	8.51	108.1	7.63
		30.4	130.1	10.79	124.8	10.20	121.3	9.44	118.8	9.01	113.5	8.68	108.1	7.78
		38.0	130.9	10.86	125.2	10.26	121.3	9.52	118.8	9.07	113.5	8.75	108.1	7.85
		45.6	131.2	10.89	125.4	10.29	121.3	9.55	118.8	9.11	113.5	8.78	108.1	7.88
	50	12.2	130.2	9.32	125.7	8.86	121.3	8.34	118.8	8.00	113.5	7.68	108.1	6.92
		15.2	130.1	9.33	125.6	8.87	121.3	8.35	118.8	8.01	113.5	7.67	108.1	6.93
		30.4	129.9	9.35	125.0	8.91	121.3	8.39	118.8	8.05	113.5	7.65	108.1	6.95
		38.0	130.7	9.33	125.3	8.88	121.3	8.37	118.8	8.03	113.5	7.67	108.1	6.98
		45.6	131.2	9.31	125.5	8.87	121.3	8.35	118.8	8.01	113.5	7.68	108.1	6.99
	59	12.2	130.8	8.07	126.2	7.78	121.3	7.49	118.8	7.23	113.5	6.90	108.1	6.26
		15.2	130.6	8.04	126.0	7.75	121.3	7.46	118.8	7.20	113.5	6.84	108.1	6.23
		30.4	129.7	7.91	125.1	7.62	121.3	7.33	118.8	7.09	113.5	6.60	108.1	6.10
		38.0	130.6	7.80	125.5	7.51	121.3	7.20	118.8	6.96	113.5	6.60	108.1	6.10
		45.6	131.0	7.74	125.6	7.45	121.3	7.14	118.8	6.90	113.5	6.60	108.1	6.10
	68	12.2	131.6	6.81	126.7	6.62	121.3	6.39	118.8	6.13	113.5	5.92	108.1	5.56
		15.2	131.5	6.81	126.5	6.60	121.3	6.36	118.8	6.10	113.5	5.86	108.1	5.50
		30.4	131.0	6.81	125.5	6.52	121.3	6.23	118.8	5.99	113.5	5.62	108.1	5.26
		38.0	131.4	6.70	125.8	6.47	121.3	6.23	118.8	5.99	113.5	5.62	108.1	5.26
		45.6	131.5	6.64	126.0	6.45	121.3	6.23	118.8	5.99	113.5	5.62	108.1	5.26
	77	12.2	133.8	5.95	128.3	5.64	121.3	5.40	118.8	5.13	113.5	4.92	108.1	4.56
		15.2	134.1	5.94	128.3	5.62	121.3	5.37	118.8	5.13	113.5	4.89	108.1	4.52
		30.4	135.4	5.89	128.3	5.57	121.3	5.26	118.8	5.13	113.5	4.76	108.1	4.40
		38.0	135.9	5.74	128.3	5.45	121.3	5.26	118.8	5.00	113.5	4.76	108.1	4.40
		45.6	136.1	5.66	128.3	5.38	121.3	5.26	118.8	4.94	113.5	4.76	108.1	4.40
	86	12.2	135.9	5.40	128.3	5.03	121.3	4.67	118.8	4.56	113.5	4.30	108.1	3.91
		15.2	135.9	5.37	128.3	5.00	121.3	4.64	118.8	4.52	113.5	4.27	108.1	3.91
		30.4	135.9	5.26	128.3	4.89	121.3	4.52	118.8	4.40	113.5	4.16	108.1	3.91
		38.0	135.9	5.13	128.3	4.76	121.3	4.52	118.8	4.40	113.5	4.16	108.1	3.79
		45.6	135.9	5.07	128.3	4.70	121.3	4.52	118.8	4.40	113.5	4.16	108.1	3.73
	95	12.2	135.9	4.92	128.3	4.56	121.3	4.19	118.8	4.06	113.5	3.82	108.1	3.57
		15.2	135.9	4.89	128.3	4.52	121.3	4.16	118.8	4.03	113.5	3.79	108.1	3.54
		30.4	135.9	4.76	128.3	4.40	121.3	4.03	118.8	3.91	113.5	3.67	108.1	3.42
		38.0	135.9	4.64	128.3	4.27	121.3	3.91	118.8	3.79	113.5	3.67	108.1	3.42
		45.6	135.9	4.57	128.3	4.21	121.3	3.84	118.8	3.73	113.5	3.67	108.1	3.42
	104	12.2	135.9	4.59	128.3	4.19	121.3	3.70	118.8	3.57	113.5	3.46	108.1	3.20
		15.2	135.9	4.52	128.3	4.16	121.3	3.67	118.8	3.54	113.5	3.42	108.1	3.17
		30.4	135.9	4.27	128.3	4.03	121.3	3.54	118.8	3.42	113.5	3.30	108.1	3.06
		38.0	135.9	4.27	128.3	4.03	121.3	3.54	118.8	3.42	113.5	3.30	108.1	3.06
		45.6	135.9	4.27	128.3	4.03	121.3	3.54	118.8	3.42	113.5	3.30	108.1	3.06
	113	12.2	135.9	4.25	128.3	3.82	121.3	3.20	118.8	3.09	113.5	3.09	108.1	2.83
		15.2	135.9	4.16	128.3	3.79	121.3	3.17	118.8	3.06	113.5	3.06	108.1	2.81
		30.4	135.9	3.79	128.3	3.67	121.3	3.06	118.8	2.93	113.5	2.93	108.1	2.69
		38.0	135.9	3.91	128.3	3.79	121.3	3.17	118.8	3.06	113.5	2.93	108.1	2.69
		45.6	135.9	3.96	128.3	3.86	121.3	3.23	118.8	3.12	113.5	2.93	108.1	2.69

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN121BAS4, ARWB121BAS4

121,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
80	23	12.2	48.5	5.14	45.4	4.95	43.0	4.74	42.5	4.58	42.2	4.37	41.4	4.02
		15.2	50.1	5.26	47.0	5.06	44.5	4.84	44.0	4.68	43.7	4.46	42.8	4.11
		30.4	56.6	5.71	53.1	5.48	50.2	5.24	49.7	5.07	49.5	4.84	48.5	4.45
		38.0	62.7	6.15	58.6	5.91	55.5	5.66	54.9	5.47	54.6	5.22	53.5	4.80
		45.6	65.7	6.38	61.4	6.13	58.2	5.87	57.5	5.68	57.2	5.41	56.0	4.98
	32	12.2	86.5	7.55	79.8	7.24	74.3	6.94	72.9	6.70	71.9	6.39	69.2	5.89
		15.2	87.0	7.57	80.2	7.27	74.7	6.96	73.3	6.72	72.3	6.41	69.6	5.90
		30.4	89.2	7.66	82.1	7.36	76.5	7.04	75.1	6.80	74.1	6.48	71.2	5.97
		38.0	90.4	7.66	83.4	7.36	77.7	7.04	76.2	6.80	75.2	6.48	72.3	5.97
		45.6	91.1	7.66	84.0	7.36	78.4	7.04	76.8	6.80	75.8	6.48	72.9	5.97
	41	12.2	119.7	8.21	112.9	7.90	108.0	7.54	105.6	7.29	101.1	6.95	96.1	6.40
		15.2	119.9	8.25	113.1	7.94	108.0	7.58	105.6	7.33	101.1	6.99	96.1	6.43
		30.4	120.9	8.43	114.0	8.09	108.1	7.75	105.6	7.48	101.1	7.13	96.1	6.57
		38.0	120.9	8.48	113.9	8.15	108.1	7.80	105.6	7.53	101.1	7.18	96.1	6.61
		45.6	120.9	8.51	113.8	8.18	108.1	7.82	105.6	7.56	101.1	7.20	96.1	6.63
	50	12.2	120.3	7.55	113.4	7.21	108.0	6.85	105.6	6.66	101.1	6.30	96.1	5.84
		15.2	120.4	7.54	113.5	7.20	108.0	6.85	105.6	6.66	101.1	6.31	96.1	5.84
		30.4	120.9	7.51	114.0	7.17	108.1	6.86	105.6	6.67	101.1	6.32	96.1	5.85
		38.0	120.9	7.48	113.9	7.19	108.1	6.89	105.6	6.63	101.1	6.28	96.1	5.81
		45.6	120.9	7.47	113.8	7.20	108.1	6.90	105.6	6.62	101.1	6.26	96.1	5.79
	59	12.2	120.9	6.90	113.9	6.53	108.1	6.13	105.6	6.02	101.1	5.66	96.1	5.29
		15.2	120.9	6.84	113.9	6.47	108.1	6.10	105.6	5.99	101.1	5.62	96.1	5.26
		30.4	120.9	6.60	113.9	6.23	108.1	5.99	105.6	5.86	101.1	5.50	96.1	5.13
		38.0	120.9	6.47	113.9	6.23	108.1	5.99	105.6	5.74	101.1	5.37	96.1	5.00
		45.6	120.9	6.41	113.9	6.23	108.1	5.99	105.6	5.67	101.1	5.31	96.1	4.94
	68	12.2	120.9	5.77	113.9	5.53	108.1	5.26	105.6	5.16	101.1	4.92	96.1	4.56
		15.2	120.9	5.74	113.9	5.50	108.1	5.26	105.6	5.13	101.1	4.89	96.1	4.52
		30.4	120.9	5.62	113.9	5.37	108.1	5.26	105.6	5.00	101.1	4.76	96.1	4.40
		38.0	120.9	5.50	113.9	5.26	108.1	5.13	105.6	5.00	101.1	4.64	96.1	4.40
		45.6	120.9	5.43	113.9	5.20	108.1	5.07	105.6	5.00	101.1	4.57	96.1	4.40
	77	12.2	120.9	5.16	113.9	4.80	108.1	4.52	105.6	4.43	101.1	4.19	96.1	3.93
		15.2	120.9	5.13	113.9	4.76	108.1	4.52	105.6	4.40	101.1	4.16	96.1	3.91
		30.4	120.9	5.00	113.9	4.64	108.1	4.52	105.6	4.27	101.1	4.03	96.1	3.79
		38.0	120.9	4.89	113.9	4.64	108.1	4.40	105.6	4.27	101.1	4.03	96.1	3.79
		45.6	120.9	4.83	113.9	4.64	108.1	4.33	105.6	4.27	101.1	4.03	96.1	3.79
	86	12.2	120.9	4.56	113.9	4.30	108.1	4.06	105.6	3.93	101.1	3.70	96.1	3.46
		15.2	120.9	4.52	113.9	4.27	108.1	4.03	105.6	3.91	101.1	3.67	96.1	3.42
		30.4	120.9	4.40	113.9	4.16	108.1	3.91	105.6	3.79	101.1	3.54	96.1	3.30
		38.0	120.9	4.40	113.9	4.16	108.1	3.91	105.6	3.79	101.1	3.54	96.1	3.30
		45.6	120.9	4.40	113.9	4.16	108.1	3.91	105.6	3.79	101.1	3.54	96.1	3.30
	95	12.2	120.9	4.19	113.9	3.93	108.1	3.57	105.6	3.42	101.1	3.33	96.1	3.06
		15.2	120.9	4.16	113.9	3.91	108.1	3.54	105.6	3.42	101.1	3.30	96.1	3.06
		30.4	120.9	4.03	113.9	3.79	108.1	3.42	105.6	3.42	101.1	3.17	96.1	3.06
		38.0	120.9	4.03	113.9	3.67	108.1	3.42	105.6	3.30	101.1	3.17	96.1	2.93
		45.6	120.9	4.03	113.9	3.60	108.1	3.42	105.6	3.23	101.1	3.17	96.1	2.87
	104	12.2	120.9	3.97	113.9	3.57	108.1	3.17	105.6	3.20	101.1	2.93	96.1	2.83
		15.2	120.9	3.91	113.9	3.54	108.1	3.17	105.6	3.17	101.1	2.93	96.1	2.81
		30.4	120.9	3.67	113.9	3.42	108.1	3.17	105.6	3.06	101.1	2.93	96.1	2.69
		38.0	120.9	3.67	113.9	3.42	108.1	3.06	105.6	3.06	101.1	2.93	96.1	2.69
		45.6	120.9	3.67	113.9	3.42	108.1	3.00	105.6	3.06	101.1	2.93	96.1	2.69
	113	12.2	120.9	3.76	113.9	3.20	108.1	2.77	105.6	2.99	101.1	2.53	96.1	2.63
		15.2	120.9	3.67	113.9	3.17	108.1	2.81	105.6	2.93	101.1	2.57	96.1	2.57
		30.4	120.9	3.30	113.9	3.06	108.1	2.93	105.6	2.69	101.1	2.69	96.1	2.33
		38.0	120.9	3.30	113.9	3.17	108.1	2.69	105.6	2.81	101.1	2.69	96.1	2.44
		45.6	120.9	3.30	113.9	3.23	108.1	2.57	105.6	2.86	101.1	2.69	96.1	2.50

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN121BAS4, ARWB121BAS4

121,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
70	23	12.2	42.2	4.42	39.7	4.20	37.5	4.07	37.2	3.83	36.9	3.70	36.3	3.36
		15.2	43.7	4.51	41.1	4.30	38.8	4.16	38.4	3.92	38.2	3.78	37.5	3.44
		30.4	49.5	4.89	46.5	4.66	43.8	4.51	43.5	4.25	43.2	4.09	42.4	3.73
		38.0	54.8	5.28	51.4	5.03	48.5	4.87	48.1	4.57	47.7	4.42	46.8	4.02
		45.6	57.4	5.48	53.8	5.21	50.8	5.04	50.4	4.74	50.0	4.59	49.1	4.17
	32	12.2	75.7	6.46	69.9	6.16	64.9	5.96	63.8	5.61	62.8	5.42	60.6	4.93
		15.2	76.1	6.48	70.3	6.18	65.3	5.98	64.2	5.62	63.2	5.43	60.9	4.94
		30.4	77.9	6.56	72.0	6.24	66.8	6.05	65.7	5.69	64.7	5.50	62.3	4.99
		38.0	79.0	6.56	73.1	6.24	67.8	6.05	66.7	5.69	65.7	5.50	63.3	4.99
		45.6	79.6	6.56	73.7	6.24	68.3	6.05	67.2	5.69	66.2	5.50	63.8	4.99
	41	12.2	104.5	7.04	99.0	6.70	94.3	6.49	92.3	6.11	88.2	5.90	84.0	5.36
		15.2	104.7	7.08	99.2	6.74	94.3	6.52	92.3	6.14	88.2	5.93	84.0	5.38
		30.4	105.6	7.22	100.0	6.88	94.4	6.66	92.3	6.26	88.2	6.05	84.0	5.50
		38.0	105.6	7.27	99.8	6.93	94.4	6.71	92.3	6.31	88.2	6.09	84.0	5.54
		45.6	105.6	7.29	99.8	6.95	94.4	6.74	92.3	6.33	88.2	6.11	84.0	5.55
	50	12.2	105.0	6.48	99.4	6.13	94.4	5.90	92.3	5.57	88.2	5.35	84.0	4.89
		15.2	105.1	6.47	99.5	6.12	94.4	5.89	92.3	5.57	88.2	5.35	84.0	4.89
		30.4	105.6	6.42	99.8	6.07	94.4	5.84	92.3	5.57	88.2	5.35	84.0	4.89
		38.0	105.6	6.45	99.8	6.09	94.4	5.86	92.3	5.60	88.2	5.31	84.0	4.90
		45.6	105.6	6.46	99.8	6.10	94.4	5.88	92.3	5.61	88.2	5.29	84.0	4.91
	59	12.2	105.6	5.92	99.8	5.56	94.4	5.32	92.3	5.03	88.2	4.80	84.0	4.43
		15.2	105.6	5.86	99.8	5.50	94.4	5.26	92.3	5.00	88.2	4.76	84.0	4.40
		30.4	105.6	5.62	99.8	5.26	94.4	5.00	92.3	4.89	88.2	4.64	84.0	4.27
		38.0	105.6	5.62	99.8	5.26	94.4	5.00	92.3	4.89	88.2	4.52	84.0	4.27
		45.6	105.6	5.62	99.8	5.26	94.4	5.00	92.3	4.89	88.2	4.47	84.0	4.27
	68	12.2	105.6	4.92	99.8	4.67	94.4	4.56	92.3	4.43	88.2	4.19	84.0	3.93
		15.2	105.6	4.89	99.8	4.64	94.4	4.52	92.3	4.40	88.2	4.16	84.0	3.91
		30.4	105.6	4.76	99.8	4.52	94.4	4.40	92.3	4.27	88.2	4.03	84.0	3.79
		38.0	105.6	4.76	99.8	4.52	94.4	4.40	92.3	4.16	88.2	4.03	84.0	3.67
		45.6	105.6	4.76	99.8	4.52	94.4	4.40	92.3	4.10	88.2	4.03	84.0	3.60
	77	12.2	105.6	4.43	99.8	4.19	94.4	3.93	92.3	3.82	88.2	3.54	84.0	3.30
		15.2	105.6	4.40	99.8	4.16	94.4	3.91	92.3	3.79	88.2	3.54	84.0	3.30
		30.4	105.6	4.27	99.8	4.03	94.4	3.79	92.3	3.67	88.2	3.54	84.0	3.30
		38.0	105.6	4.16	99.8	3.91	94.4	3.79	92.3	3.67	88.2	3.42	84.0	3.30
		45.6	105.6	4.10	99.8	3.84	94.4	3.79	92.3	3.67	88.2	3.37	84.0	3.30
	86	12.2	105.6	3.93	99.8	3.70	94.4	3.46	92.3	3.30	88.2	3.20	84.0	2.93
		15.2	105.6	3.91	99.8	3.67	94.4	3.42	92.3	3.30	88.2	3.17	84.0	2.93
		30.4	105.6	3.79	99.8	3.54	94.4	3.30	92.3	3.30	88.2	3.06	84.0	2.93
		38.0	105.6	3.79	99.8	3.54	94.4	3.30	92.3	3.17	88.2	3.06	84.0	2.93
		45.6	105.6	3.79	99.8	3.54	94.4	3.30	92.3	3.11	88.2	3.06	84.0	2.93
	95	12.2	105.6	3.57	99.8	3.33	94.4	3.06	92.3	3.09	88.2	2.81	84.0	2.72
		15.2	105.6	3.54	99.8	3.30	94.4	3.06	92.3	3.06	88.2	2.81	84.0	2.69
		30.4	105.6	3.42	99.8	3.17	94.4	3.06	92.3	2.93	88.2	2.81	84.0	2.57
		38.0	105.6	3.42	99.8	3.17	94.4	2.93	92.3	2.93	88.2	2.81	84.0	2.57
		45.6	105.6	3.42	99.8	3.17	94.4	2.87	92.3	2.93	88.2	2.81	84.0	2.57
	104	12.2	105.6	3.33	99.8	3.09	94.4	2.83	92.3	2.69	88.2	2.57	84.0	2.47
		15.2	105.6	3.30	99.8	3.06	94.4	2.81	92.3	2.69	88.2	2.57	84.0	2.44
		30.4	105.6	3.17	99.8	2.93	94.4	2.69	92.3	2.69	88.2	2.57	84.0	2.33
		38.0	105.6	3.17	99.8	2.93	94.4	2.69	92.3	2.57	88.2	2.44	84.0	2.33
		45.6	105.6	3.17	99.8	2.93	94.4	2.69	92.3	2.50	88.2	2.38	84.0	2.33
	113	12.2	105.6	3.09	99.8	2.83	94.4	2.63	92.3	2.30	88.2	2.33	84.0	2.23
		15.2	105.6	3.06	99.8	2.81	94.4	2.57	92.3	2.33	88.2	2.33	84.0	2.20
		30.4	105.6	2.93	99.8	2.69	94.4	2.33	92.3	2.44	88.2	2.33	84.0	2.07
		38.0	105.6	2.93	99.8	2.69	94.4	2.44	92.3	2.20	88.2	2.07	84.0	2.07
		45.6	105.6	2.93	99.8	2.69	94.4	2.50	92.3	2.08	88.2	1.95	84.0	2.07

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN072BAS4, ARWB121BAS4

121,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
60	23	12.2	36.3	3.59	34.0	3.45	32.2	3.31	31.8	3.08	31.7	3.03	31.1	2.71
		15.2	37.5	3.67	35.2	3.53	33.3	3.39	32.9	3.15	32.8	3.10	32.1	2.77
		30.4	42.6	3.98	39.8	3.83	37.7	3.68	37.3	3.41	37.2	3.36	36.4	3.01
		38.0	47.0	4.28	44.0	4.13	41.7	3.97	41.2	3.69	41.1	3.63	40.2	3.24
		45.6	49.2	4.44	46.0	4.29	43.7	4.11	43.2	3.83	43.0	3.76	42.1	3.35
	32	12.2	64.9	5.25	59.8	5.07	55.8	4.85	54.7	4.51	53.9	4.45	52.0	3.97
		15.2	65.3	5.27	60.2	5.08	56.1	4.87	55.0	4.52	54.3	4.46	52.2	3.98
		30.4	66.8	5.33	61.5	5.13	57.5	4.93	56.3	4.57	55.5	4.51	53.4	4.02
		38.0	67.8	5.33	62.5	5.13	58.4	4.93	57.1	4.57	56.4	4.51	54.3	4.02
		45.6	68.3	5.33	63.0	5.13	58.8	4.93	57.6	4.57	56.8	4.51	54.7	4.02
	41	12.2	89.7	5.72	84.6	5.51	81.1	5.28	79.1	4.92	75.7	4.84	72.1	4.31
		15.2	89.9	5.75	84.8	5.54	81.1	5.31	79.1	4.94	75.7	4.87	72.1	4.33
		30.4	90.7	5.86	85.4	5.65	81.1	5.42	79.1	5.04	75.7	4.97	72.1	4.42
		38.0	90.7	5.91	85.3	5.69	81.1	5.46	79.1	5.08	75.7	4.99	72.1	4.46
		45.6	90.7	5.94	85.2	5.71	81.1	5.48	79.1	5.10	75.7	5.00	72.1	4.48
	50	12.2	90.2	5.26	84.9	5.03	81.1	4.79	79.1	4.47	75.7	4.39	72.1	3.93
		15.2	90.3	5.26	85.0	5.03	81.1	4.79	79.1	4.49	75.7	4.39	72.1	3.94
		30.4	90.7	5.26	85.4	5.03	81.1	4.79	79.1	4.54	75.7	4.37	72.1	3.98
		38.0	90.7	5.27	85.3	4.98	81.1	4.74	79.1	4.49	75.7	4.33	72.1	3.94
		45.6	90.7	5.28	85.2	4.95	81.1	4.71	79.1	4.46	75.7	4.32	72.1	3.92
	59	12.2	90.7	4.80	85.3	4.56	81.1	4.30	79.1	4.03	75.7	3.93	72.1	3.54
		15.2	90.7	4.76	85.3	4.52	81.1	4.27	79.1	4.03	75.7	3.91	72.1	3.54
		30.4	90.7	4.64	85.3	4.40	81.1	4.16	79.1	4.03	75.7	3.79	72.1	3.54
		38.0	90.7	4.64	85.3	4.27	81.1	4.03	79.1	3.91	75.7	3.67	72.1	3.42
		45.6	90.7	4.64	85.3	4.21	81.1	3.97	79.1	3.84	75.7	3.60	72.1	3.37
	68	12.2	90.7	4.19	85.3	3.93	81.1	3.70	79.1	3.57	75.7	3.46	72.1	3.20
		15.2	90.7	4.16	85.3	3.91	81.1	3.67	79.1	3.54	75.7	3.42	72.1	3.17
		30.4	90.7	4.03	85.3	3.79	81.1	3.54	79.1	3.42	75.7	3.30	72.1	3.06
		38.0	90.7	4.03	85.3	3.79	81.1	3.54	79.1	3.42	75.7	3.30	72.1	3.06
		45.6	90.7	4.03	85.3	3.79	81.1	3.54	79.1	3.42	75.7	3.30	72.1	3.06
	77	12.2	90.7	3.70	85.3	3.46	81.1	3.17	79.1	3.20	75.7	2.93	72.1	2.83
		15.2	90.7	3.67	85.3	3.42	81.1	3.17	79.1	3.17	75.7	2.93	72.1	2.81
		30.4	90.7	3.54	85.3	3.30	81.1	3.17	79.1	3.06	75.7	2.93	72.1	2.69
		38.0	90.7	3.54	85.3	3.30	81.1	3.06	79.1	3.06	75.7	2.93	72.1	2.69
		45.6	90.7	3.54	85.3	3.30	81.1	3.00	79.1	3.06	75.7	2.93	72.1	2.69
	86	12.2	90.7	3.33	85.3	3.09	81.1	2.96	79.1	2.83	75.7	2.72	72.1	2.60
		15.2	90.7	3.30	85.3	3.06	81.1	2.93	79.1	2.81	75.7	2.69	72.1	2.57
		30.4	90.7	3.17	85.3	2.93	81.1	2.81	79.1	2.69	75.7	2.57	72.1	2.44
		38.0	90.7	3.17	85.3	2.93	81.1	2.81	79.1	2.69	75.7	2.57	72.1	2.44
		45.6	90.7	3.17	85.3	2.93	81.1	2.81	79.1	2.69	75.7	2.57	72.1	2.44
	95	12.2	90.7	2.93	85.3	2.83	81.1	2.57	79.1	2.60	75.7	2.47	72.1	2.36
		15.2	90.7	2.93	85.3	2.81	81.1	2.57	79.1	2.57	75.7	2.44	72.1	2.33
		30.4	90.7	2.93	85.3	2.69	81.1	2.57	79.1	2.44	75.7	2.33	72.1	2.20
		38.0	90.7	2.93	85.3	2.69	81.1	2.44	79.1	2.44	75.7	2.33	72.1	2.20
		45.6	90.7	2.93	85.3	2.69	81.1	2.38	79.1	2.44	75.7	2.33	72.1	2.20
	104	12.2	90.7	2.69	85.3	2.60	81.1	2.33	79.1	2.36	75.7	2.23	72.1	2.07
		15.2	90.7	2.69	85.3	2.57	81.1	2.33	79.1	2.33	75.7	2.20	72.1	2.07
		30.4	90.7	2.69	85.3	2.44	81.1	2.33	79.1	2.20	75.7	2.07	72.1	2.07
		38.0	90.7	2.69	85.3	2.44	81.1	2.33	79.1	2.20	75.7	2.07	72.1	2.07
		45.6	90.7	2.69	85.3	2.44	81.1	2.33	79.1	2.20	75.7	2.07	72.1	2.07
	113	12.2	90.7	2.44	85.3	2.36	81.1	2.07	79.1	2.10	75.7	1.99	72.1	1.80
		15.2	90.7	2.44	85.3	2.33	81.1	2.07	79.1	2.07	75.7	1.96	72.1	1.83
		30.4	90.7	2.44	85.3	2.20	81.1	2.07	79.1	1.96	75.7	1.83	72.1	1.96
		38.0	90.7	2.44	85.3	2.20	81.1	2.20	79.1	1.96	75.7	1.83	72.1	1.96
		45.6	90.7	2.44	85.3	2.20	81.1	2.26	79.1	1.96	75.7	1.83	72.1	1.96

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN121BAS4, ARWB121BAS4

121,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

MULTI V WATER IV

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
50	23	12.2	30.3	2.86	28.4	2.71	26.8	2.56	26.5	2.42	26.3	2.27	25.9	2.15
		15.2	31.3	2.92	29.4	2.77	27.8	2.62	27.4	2.48	27.3	2.33	26.7	2.20
		30.4	35.3	3.16	33.2	3.01	31.4	2.83	31.0	2.69	30.9	2.53	30.3	2.38
		38.0	39.1	3.41	36.7	3.24	34.7	3.06	34.3	2.91	34.0	2.72	33.5	2.57
		45.6	41.0	3.54	38.4	3.35	36.3	3.17	35.9	3.01	35.6	2.81	35.2	2.66
	32	12.2	53.9	4.19	49.9	3.97	46.4	3.74	45.4	3.55	44.8	3.34	43.2	3.15
		15.2	54.3	4.20	50.2	3.98	46.7	3.75	45.7	3.56	45.1	3.35	43.5	3.16
		30.4	55.5	4.23	51.4	4.02	47.8	3.80	46.8	3.61	46.2	3.39	44.5	3.20
		38.0	56.4	4.23	52.1	4.02	48.5	3.80	47.6	3.61	46.8	3.39	45.2	3.20
		45.6	56.8	4.23	52.5	4.02	48.8	3.80	48.0	3.61	47.2	3.39	45.6	3.20
	41	12.2	74.6	4.55	70.7	4.31	67.4	4.07	65.8	3.87	62.9	3.64	60.0	3.42
		15.2	74.7	4.57	70.8	4.33	67.4	4.09	65.8	3.89	62.9	3.65	60.0	3.44
		30.4	75.3	4.66	71.3	4.42	67.6	4.18	65.8	3.97	62.9	3.72	60.0	3.51
		38.0	75.3	4.70	71.2	4.46	67.6	4.21	65.8	3.99	62.9	3.75	60.0	3.54
		45.6	75.3	4.72	71.1	4.48	67.6	4.22	65.8	4.01	62.9	3.77	60.0	3.55
	50	12.2	75.0	4.19	70.9	3.95	67.4	3.71	65.8	3.55	62.9	3.28	60.0	3.13
		15.2	75.1	4.18	71.0	3.94	67.4	3.70	65.8	3.54	62.9	3.29	60.0	3.12
		30.4	75.3	4.16	71.3	3.93	67.6	3.68	65.8	3.51	62.9	3.32	60.0	3.10
		38.0	75.3	4.18	71.2	3.94	67.6	3.69	65.8	3.53	62.9	3.27	60.0	3.11
		45.6	75.3	4.20	71.1	3.95	67.6	3.70	65.8	3.53	62.9	3.25	60.0	3.12
	59	12.2	75.3	3.82	71.2	3.57	67.6	3.33	65.8	3.20	62.9	2.93	60.0	2.83
		15.2	75.3	3.79	71.2	3.54	67.6	3.30	65.8	3.17	62.9	2.93	60.0	2.81
		30.4	75.3	3.67	71.2	3.42	67.6	3.17	65.8	3.06	62.9	2.93	60.0	2.69
		38.0	75.3	3.67	71.2	3.42	67.6	3.17	65.8	3.06	62.9	2.81	60.0	2.69
		45.6	75.3	3.67	71.2	3.42	67.6	3.17	65.8	3.06	62.9	2.74	60.0	2.69
	68	12.2	75.3	3.33	71.2	3.09	67.6	2.96	65.8	2.83	62.9	2.72	60.0	2.44
		15.2	75.3	3.30	71.2	3.06	67.6	2.93	65.8	2.81	62.9	2.69	60.0	2.44
		30.4	75.3	3.17	71.2	2.93	67.6	2.81	65.8	2.69	62.9	2.57	60.0	2.44
		38.0	75.3	3.17	71.2	2.93	67.6	2.81	65.8	2.69	62.9	2.57	60.0	2.44
		45.6	75.3	3.17	71.2	2.93	67.6	2.81	65.8	2.69	62.9	2.57	60.0	2.44
	77	12.2	75.3	2.96	71.2	2.69	67.6	2.60	65.8	2.44	62.9	2.33	60.0	2.20
		15.2	75.3	2.93	71.2	2.69	67.6	2.57	65.8	2.44	62.9	2.33	60.0	2.20
		30.4	75.3	2.81	71.2	2.69	67.6	2.44	65.8	2.44	62.9	2.33	60.0	2.20
		38.0	75.3	2.81	71.2	2.69	67.6	2.44	65.8	2.44	62.9	2.33	60.0	2.20
		45.6	75.3	2.81	71.2	2.69	67.6	2.44	65.8	2.44	62.9	2.33	60.0	2.20
	86	12.2	75.3	2.72	71.2	2.47	67.6	2.36	65.8	2.20	62.9	2.23	60.0	2.10
		15.2	75.3	2.69	71.2	2.44	67.6	2.33	65.8	2.20	62.9	2.20	60.0	2.07
		30.4	75.3	2.57	71.2	2.33	67.6	2.20	65.8	2.20	62.9	2.07	60.0	1.96
		38.0	75.3	2.57	71.2	2.33	67.6	2.20	65.8	2.20	62.9	2.07	60.0	1.96
		45.6	75.3	2.57	71.2	2.33	67.6	2.20	65.8	2.20	62.9	2.07	60.0	1.96
	95	12.2	75.3	2.47	71.2	2.20	67.6	2.07	65.8	2.10	62.9	1.96	60.0	1.83
		15.2	75.3	2.44	71.2	2.20	67.6	2.07	65.8	2.07	62.9	1.96	60.0	1.83
		30.4	75.3	2.33	71.2	2.20	67.6	2.07	65.8	1.96	62.9	1.96	60.0	1.83
		38.0	75.3	2.33	71.2	2.20	67.6	2.07	65.8	1.96	62.9	1.96	60.0	1.83
		45.6	75.3	2.33	71.2	2.20	67.6	2.07	65.8	1.96	62.9	1.96	60.0	1.83
	104	12.2	75.3	2.23	71.2	2.10	67.6	1.99	65.8	1.83	62.9	1.86	60.0	1.71
		15.2	75.3	2.20	71.2	2.07	67.6	1.96	65.8	1.83	62.9	1.83	60.0	1.71
		30.4	75.3	2.07	71.2	1.96	67.6	1.83	65.8	1.83	62.9	1.71	60.0	1.71
		38.0	75.3	2.07	71.2	1.96	67.6	1.83	65.8	1.83	62.9	1.71	60.0	1.71
		45.6	75.3	2.07	71.2	1.96	67.6	1.83	65.8	1.83	62.9	1.71	60.0	1.71
	113	12.2	75.3	1.99	71.2	2.02	67.6	1.89	65.8	1.56	62.9	1.77	60.0	1.59
		15.2	75.3	1.96	71.2	1.96	67.6	1.83	65.8	1.59	62.9	1.71	60.0	1.59
		30.4	75.3	1.83	71.2	1.71	67.6	1.59	65.8	1.71	62.9	1.47	60.0	1.59
		38.0	75.3	1.83	71.2	1.71	67.6	1.59	65.8	1.71	62.9	1.47	60.0	1.59
		45.6	75.3	1.83	71.2	1.71	67.6	1.59	65.8	1.71	62.9	1.47	60.0	1.59

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN144BAS4, ARWB144BAS4

144,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
130	23	14.2	76.6	9.56	76.1	9.00	75.6	8.38	74.6	8.13	75.5	7.92	73.4	7.10
		17.8	79.3	9.73	78.7	9.18	78.2	8.56	77.2	8.31	78.1	8.09	76.0	7.26
		35.5	89.7	10.39	88.9	9.87	88.5	9.29	87.3	9.02	88.3	8.77	86.0	7.87
		44.4	99.2	11.05	98.3	10.55	97.7	10.01	96.4	9.74	97.7	9.46	95.1	8.48
		53.3	103.9	11.38	103.0	10.89	102.3	10.38	101.1	10.11	102.4	9.81	99.6	8.79
	32	14.2	136.9	13.08	133.8	12.69	130.9	12.27	128.1	11.93	128.5	11.60	122.7	10.39
		17.8	137.7	13.11	134.6	12.72	131.7	12.31	128.8	11.96	129.3	11.63	123.4	10.42
		35.5	141.1	13.25	137.6	12.84	134.7	12.45	131.9	12.11	132.3	11.76	126.4	10.55
		44.4	143.2	13.25	139.7	12.84	136.8	12.45	133.8	12.11	134.3	11.76	128.2	10.55
		53.3	144.2	13.25	140.8	12.84	137.9	12.45	134.8	12.11	135.3	11.76	129.2	10.55
	41	14.2	197.2	14.06	194.2	13.71	190.1	13.36	185.4	12.98	180.4	12.62	170.4	11.31
		17.8	197.9	14.12	194.6	13.77	190.2	13.43	185.4	13.05	180.4	12.69	170.4	11.37
		35.5	200.6	14.37	195.9	14.03	190.3	13.70	185.4	13.32	180.4	12.94	170.4	11.60
		44.4	201.8	14.47	196.5	14.12	190.3	13.79	185.4	13.41	180.4	13.03	170.4	11.68
		53.3	202.4	14.51	196.8	14.17	190.3	13.84	185.4	13.46	180.4	13.08	170.4	11.72
	50	14.2	197.4	12.79	194.2	12.36	189.6	12.13	184.6	11.86	179.7	11.45	169.8	10.33
		17.8	198.6	12.77	195.2	12.37	190.3	12.15	185.4	11.85	180.4	11.44	170.4	10.33
		35.5	203.3	12.67	198.8	12.42	193.3	12.25	188.4	11.84	183.1	11.41	173.2	10.29
		44.4	204.3	12.84	200.1	12.59	194.6	12.29	189.3	11.88	184.3	11.60	174.2	10.78
		53.3	204.9	12.93	200.8	12.68	195.2	12.32	189.7	11.91	184.9	11.70	174.7	11.03
	59	14.2	197.7	11.53	194.3	11.04	188.8	10.92	183.8	10.74	179.0	10.28	169.1	9.37
		17.8	199.4	11.41	195.8	10.99	190.3	10.89	185.4	10.66	180.4	10.20	170.4	9.29
		35.5	205.9	10.96	201.6	10.80	196.4	10.80	191.4	10.34	185.8	9.89	175.9	8.97
		44.4	206.9	11.22	203.6	11.05	198.8	10.80	193.3	10.34	188.4	10.17	178.0	9.89
		53.3	207.4	11.36	204.6	11.18	200.0	10.80	194.3	10.34	189.7	10.31	179.0	10.35
	68	14.2	205.3	10.58	201.5	10.08	196.2	9.86	190.8	9.55	185.2	9.33	174.2	9.05
		17.8	206.9	10.50	203.1	10.07	197.7	9.85	192.3	9.59	186.9	9.40	175.9	8.97
		35.5	213.4	10.20	209.6	10.04	203.7	9.82	198.3	9.74	193.3	9.65	182.3	8.67
		44.4	214.3	10.20	211.1	10.04	206.2	9.89	200.3	9.74	194.9	9.65	183.9	9.22
		53.3	214.7	10.20	211.9	10.04	207.4	9.92	201.3	9.74	195.6	9.65	184.6	9.50
	77	14.2	216.7	10.08	211.1	9.79	206.2	9.63	202.2	9.46	197.7	9.33	186.4	8.71
		17.8	216.7	10.04	211.1	9.78	206.2	9.59	202.2	9.43	197.7	9.29	186.4	8.67
		35.5	216.7	9.89	211.1	9.71	206.2	9.43	202.2	9.29	197.7	9.13	186.4	8.52
		44.4	216.7	9.74	211.1	9.46	206.2	9.29	202.2	9.13	197.7	8.97	186.4	8.37
		53.3	216.7	9.67	211.1	9.33	206.2	9.22	202.2	9.05	197.7	8.89	186.4	8.30
	86	14.2	216.7	9.82	211.1	9.33	206.2	9.25	202.2	9.01	197.7	8.91	186.4	8.29
		17.8	216.7	9.74	211.1	9.32	206.2	9.19	202.2	8.97	197.7	8.83	186.4	8.22
		35.5	216.7	9.43	211.1	9.26	206.2	8.97	202.2	8.83	197.7	8.52	186.4	7.92
		44.4	216.7	9.29	211.1	9.00	206.2	8.83	202.2	8.67	197.7	8.52	186.4	7.92
		53.3	216.7	9.22	211.1	8.88	206.2	8.76	202.2	8.59	197.7	8.52	186.4	7.92
	95	14.2	216.7	9.37	211.1	9.06	206.2	8.87	202.2	8.55	197.7	8.26	186.4	7.68
		17.8	216.7	9.29	211.1	9.00	206.2	8.83	202.2	8.52	197.7	8.22	186.4	7.60
		35.5	216.7	8.97	211.1	8.80	206.2	8.67	202.2	8.37	197.7	8.06	186.4	7.30
		44.4	216.7	8.97	211.1	8.70	206.2	8.52	202.2	8.22	197.7	7.92	186.4	7.30
		53.3	216.7	8.97	211.1	8.66	206.2	8.44	202.2	8.14	197.7	7.85	186.4	7.30
	104	14.2	216.7	9.05	211.1	8.76	206.2	8.59	202.2	8.29	197.7	8.00	186.4	7.22
		17.8	216.7	8.97	211.1	8.70	206.2	8.52	202.2	8.22	197.7	7.92	186.4	7.15
		35.5	216.7	8.67	211.1	8.48	206.2	8.22	202.2	7.92	197.7	7.60	186.4	6.85
		44.4	216.7	8.52	211.1	8.34	206.2	8.22	202.2	7.92	197.7	7.60	186.4	6.85
		53.3	216.7	8.44	211.1	8.27	206.2	8.22	202.2	7.92	197.7	7.60	186.4	6.85
	113	14.2	216.7	8.75	211.1	8.46	206.2	8.33	202.2	8.03	197.7	7.72	186.4	6.77
		17.8	216.7	8.67	211.1	8.41	206.2	8.22	202.2	7.92	197.7	7.60	186.4	6.69
		35.5	216.7	8.37	211.1	8.19	206.2	7.76	202.2	7.46	197.7	7.15	186.4	6.39
		44.4	216.7	8.06	211.1	7.98	206.2	7.92	202.2	7.60	197.7	7.30	186.4	6.39
		53.3	216.7	7.90	211.1	7.88	206.2	8.00	202.2	7.67	197.7	7.38	186.4	6.39

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

MULTI V WATER IV

ARWN144BAS4, ARWB144BAS4
144,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
120	23	14.2	72.8	9.56	72.3	9.00	71.8	8.38	71.0	8.03	71.5	7.79	69.6	6.98
		17.8	75.3	9.73	74.7	9.18	74.3	8.56	73.4	8.20	74.0	7.97	72.0	7.13
		35.5	85.3	10.39	84.5	9.87	84.1	9.29	83.0	8.89	83.8	8.64	81.5	7.74
		44.4	94.2	11.05	93.4	10.55	92.8	10.01	91.8	9.60	92.5	9.32	90.0	8.34
		53.3	98.7	11.38	97.9	10.89	97.2	10.38	96.2	9.96	96.9	9.66	94.2	8.64
	32	14.2	130.2	13.08	127.0	12.69	124.3	12.27	121.8	11.75	121.8	11.43	116.2	10.22
		17.8	131.0	13.11	127.8	12.72	125.1	12.31	122.5	11.79	122.5	11.46	116.9	10.25
		35.5	134.0	13.25	130.8	12.84	128.1	12.45	125.4	11.93	125.4	11.59	119.8	10.37
		44.4	136.1	13.25	132.9	12.84	130.1	12.45	127.3	11.93	127.2	11.59	121.6	10.37
		53.3	137.1	13.25	134.0	12.84	131.0	12.45	128.3	11.93	128.1	11.59	122.5	10.37
	41	14.2	187.7	14.06	184.9	13.71	180.8	13.36	176.5	12.79	170.9	12.44	161.5	11.14
		17.8	188.4	14.12	185.2	13.77	180.8	13.43	176.5	12.86	170.9	12.50	161.5	11.19
		35.5	191.1	14.37	186.6	14.03	180.8	13.70	176.5	13.13	170.9	12.75	161.5	11.41
		44.4	192.1	14.47	185.5	14.12	180.8	13.79	176.5	13.22	170.9	12.84	161.5	11.49
		53.3	192.7	14.51	185.0	14.17	180.8	13.84	176.5	13.27	170.9	12.89	161.5	11.53
	50	14.2	188.4	12.63	184.9	12.28	180.3	12.03	176.0	11.66	170.4	11.28	161.1	10.14
		17.8	189.3	12.67	185.7	12.33	180.8	12.07	176.5	11.68	170.9	11.27	161.5	10.15
		35.5	192.7	12.84	188.7	12.51	182.8	12.25	178.4	11.74	172.7	11.24	163.2	10.20
		44.4	193.8	12.80	188.1	12.51	183.5	12.29	179.2	11.79	173.5	11.29	164.0	10.55
		53.3	194.3	12.77	187.8	12.51	183.9	12.32	179.6	11.81	173.8	11.31	164.3	10.72
	59	14.2	188.9	11.20	185.1	10.87	179.8	10.70	175.5	10.54	170.0	10.12	160.7	9.17
		17.8	190.0	11.22	186.3	10.89	180.8	10.72	176.5	10.50	170.9	10.04	161.5	9.13
		35.5	194.4	11.32	190.8	10.99	184.9	10.80	180.4	10.34	174.4	9.74	165.0	8.97
		44.4	195.5	11.14	190.6	10.89	186.4	10.80	181.9	10.34	175.9	9.74	166.5	9.59
		53.3	196.0	11.06	190.6	10.85	187.2	10.80	182.7	10.34	176.6	9.74	167.3	9.90
	68	14.2	194.2	10.07	190.5	9.65	184.8	9.39	179.7	9.25	173.9	9.14	164.5	8.67
		17.8	195.5	10.07	191.7	9.68	185.8	9.43	180.8	9.29	175.0	9.13	165.5	8.64
		35.5	200.4	10.07	196.2	9.82	189.9	9.59	185.4	9.43	179.3	9.10	169.4	8.52
		44.4	201.3	9.98	196.1	9.74	191.4	9.59	186.4	9.43	180.4	9.13	170.4	8.83
		53.3	201.8	9.93	196.0	9.70	192.1	9.59	186.9	9.43	180.9	9.15	171.0	8.99
	77	14.2	203.6	9.53	197.7	9.08	191.4	8.91	187.3	8.71	182.3	8.55	172.4	7.96
		17.8	203.7	9.49	197.7	9.07	191.4	8.89	187.3	8.67	182.3	8.52	172.4	7.92
		35.5	204.2	9.35	197.7	9.00	191.4	8.83	187.3	8.52	182.3	8.37	172.4	7.76
		44.4	204.8	9.00	197.7	8.77	191.4	8.67	187.3	8.52	182.3	8.22	172.4	7.76
		53.3	205.1	8.83	197.7	8.65	191.4	8.59	187.3	8.52	182.3	8.14	172.4	7.76
	86	14.2	204.8	9.11	197.7	8.66	191.4	8.41	187.3	8.10	182.3	8.00	172.4	7.34
		17.8	204.8	9.04	197.7	8.61	191.4	8.37	187.3	8.06	182.3	7.92	172.4	7.30
		35.5	204.8	8.74	197.7	8.41	191.4	8.22	187.3	7.92	182.3	7.60	172.4	7.15
		44.4	204.8	8.45	197.7	8.22	191.4	8.06	187.3	7.92	182.3	7.60	172.4	7.00
		53.3	204.8	8.31	197.7	8.12	191.4	7.98	187.3	7.92	182.3	7.60	172.4	6.93
	95	14.2	204.8	8.70	197.7	8.23	191.4	8.00	187.3	7.68	182.3	7.38	172.4	6.73
		17.8	204.8	8.58	197.7	8.15	191.4	7.92	187.3	7.60	182.3	7.30	172.4	6.69
		35.5	204.8	8.09	197.7	7.85	191.4	7.60	187.3	7.30	182.3	7.00	172.4	6.55
		44.4	204.8	8.00	197.7	7.79	191.4	7.60	187.3	7.30	182.3	7.00	172.4	6.39
		53.3	204.8	7.95	197.7	7.76	191.4	7.60	187.3	7.30	182.3	7.00	172.4	6.31
	104	14.2	204.8	8.44	197.7	7.85	191.4	7.54	187.3	7.22	182.3	6.92	172.4	6.27
		17.8	204.8	8.28	197.7	7.76	191.4	7.46	187.3	7.15	182.3	6.85	172.4	6.23
		35.5	204.8	7.63	197.7	7.40	191.4	7.15	187.3	6.85	182.3	6.55	172.4	6.09
		44.4	204.8	7.54	197.7	7.30	191.4	7.15	187.3	6.85	182.3	6.55	172.4	5.93
		53.3	204.8	7.49	197.7	7.26	191.4	7.15	187.3	6.85	182.3	6.55	172.4	5.86
	113	14.2	204.8	8.18	197.7	7.47	191.4	7.08	187.3	6.77	182.3	6.47	172.4	5.81
		17.8	204.8	7.98	197.7	7.37	191.4	7.00	187.3	6.69	182.3	6.39	172.4	5.78
		35.5	204.8	7.18	197.7	6.94	191.4	6.69	187.3	6.39	182.3	6.09	172.4	5.64
		44.4	204.8	7.08	197.7	6.82	191.4	6.69	187.3	6.39	182.3	6.09	172.4	5.48
		53.3	204.8	7.04	197.7	6.75	191.4	6.69	187.3	6.39	182.3	6.09	172.4	5.40

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN144BAS4, ARWB144BAS4

144,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
110	23	14.2	68.9	9.69	68.5	9.00	68.0	8.38	67.3	8.03	67.5	7.79	66.0	6.98
		17.8	71.3	9.85	70.8	9.18	70.4	8.56	69.6	8.20	69.8	7.97	68.3	7.13
		35.5	80.6	10.52	80.2	9.87	79.7	9.29	78.8	8.89	78.8	8.64	77.3	7.74
		44.4	89.1	11.19	88.5	10.55	88.0	10.01	87.1	9.60	87.1	9.32	85.3	8.34
		53.3	93.3	11.53	92.6	10.89	92.2	10.38	91.3	9.96	91.3	9.66	89.3	8.64
	32	14.2	123.2	13.25	120.4	12.69	117.9	12.27	115.7	11.75	114.6	11.43	110.3	10.22
		17.8	123.9	13.29	121.2	12.72	118.6	12.31	116.3	11.79	115.3	11.46	110.9	10.25
		35.5	126.7	13.41	124.0	12.84	121.3	12.45	119.1	11.93	118.0	11.59	113.5	10.37
		44.4	128.7	13.41	126.0	12.84	123.3	12.45	120.9	11.93	119.8	11.59	115.1	10.37
		53.3	129.7	13.41	127.0	12.84	124.3	12.45	121.8	11.93	120.7	11.59	116.0	10.37
	41	14.2	179.6	14.25	175.4	13.71	171.3	13.36	167.4	12.79	160.9	12.44	153.1	11.14
		17.8	180.2	14.31	175.7	13.77	171.3	13.43	167.4	12.86	160.9	12.50	153.1	11.19
		35.5	182.6	14.56	177.1	14.03	171.5	13.70	167.4	13.13	160.9	12.75	153.1	11.41
		44.4	183.7	14.66	177.5	14.12	171.5	13.79	167.4	13.22	160.9	12.84	153.1	11.49
		53.3	184.2	14.70	177.7	14.17	171.5	13.84	167.4	13.27	160.9	12.89	153.1	11.53
	50	14.2	180.3	12.77	175.9	12.34	171.1	12.07	167.2	11.66	160.7	11.28	152.9	10.14
		17.8	181.0	12.80	176.3	12.37	171.3	12.11	167.4	11.68	160.9	11.27	153.1	10.15
		35.5	183.7	12.89	178.1	12.51	172.4	12.25	168.5	11.74	162.0	11.24	153.9	10.20
		44.4	184.8	12.89	178.9	12.51	173.0	12.22	168.8	11.71	162.3	11.29	154.3	10.31
		53.3	185.3	12.89	179.3	12.51	173.3	12.20	168.9	11.70	162.5	11.31	154.5	10.37
	59	14.2	180.8	11.30	176.1	10.99	171.0	10.80	166.9	10.54	160.4	10.12	152.7	9.17
		17.8	181.6	11.29	176.8	10.99	171.5	10.80	167.4	10.50	160.9	10.04	153.1	9.13
		35.5	184.6	11.22	179.3	10.99	173.5	10.80	169.4	10.34	163.1	9.74	154.6	8.97
		44.4	185.7	11.14	180.2	10.89	174.4	10.66	170.0	10.20	163.5	9.74	155.5	9.13
		53.3	186.2	11.11	180.7	10.85	174.8	10.59	170.3	10.13	163.7	9.74	156.0	9.21
	68	14.2	184.2	9.76	179.2	9.52	173.4	9.29	168.7	9.13	162.6	8.87	154.0	8.30
		17.8	185.2	9.78	179.8	9.52	173.9	9.29	169.4	9.13	163.1	8.83	154.6	8.28
		35.5	189.1	9.85	182.2	9.52	175.9	9.29	171.9	9.13	165.0	8.67	157.0	8.22
		44.4	190.2	9.85	183.7	9.52	176.9	9.29	172.4	8.97	165.9	8.67	157.5	8.22
		53.3	190.7	9.85	184.5	9.52	177.5	9.29	172.6	8.89	166.4	8.67	157.7	8.22
	77	14.2	190.0	8.88	184.3	8.55	176.9	8.41	173.0	8.10	167.0	7.80	158.1	7.15
		17.8	190.3	8.86	184.3	8.52	176.9	8.37	173.0	8.06	167.0	7.76	158.1	7.15
		35.5	191.8	8.80	184.3	8.37	176.9	8.22	173.0	7.92	167.0	7.60	158.1	7.15
		44.4	192.7	8.80	184.3	8.41	176.9	8.06	173.0	7.92	167.0	7.46	158.1	7.00
		53.3	193.2	8.80	184.3	8.42	176.9	7.98	173.0	7.92	167.0	7.39	158.1	6.93
	86	14.2	192.7	8.10	184.3	7.80	176.9	7.50	173.0	7.34	167.0	6.89	158.1	6.43
		17.8	192.7	8.06	184.3	7.76	176.9	7.46	173.0	7.30	167.0	6.85	158.1	6.39
		35.5	192.7	7.92	184.3	7.60	176.9	7.30	173.0	7.15	167.0	6.69	158.1	6.23
		44.4	192.7	7.85	184.3	7.46	176.9	7.15	173.0	7.00	167.0	6.69	158.1	6.23
		53.3	192.7	7.82	184.3	7.39	176.9	7.07	173.0	6.93	167.0	6.69	158.1	6.23
	95	14.2	192.7	7.68	184.3	7.18	176.9	6.89	173.0	6.59	167.0	6.27	158.1	5.81
		17.8	192.7	7.60	184.3	7.15	176.9	6.85	173.0	6.55	167.0	6.23	158.1	5.78
		35.5	192.7	7.30	184.3	7.00	176.9	6.69	173.0	6.39	167.0	6.09	158.1	5.64
		44.4	192.7	7.12	184.3	6.85	176.9	6.55	173.0	6.39	167.0	6.09	158.1	5.64
		53.3	192.7	7.02	184.3	6.77	176.9	6.48	173.0	6.39	167.0	6.09	158.1	5.64
	104	14.2	192.7	7.22	184.3	6.92	176.9	6.47	173.0	6.13	167.0	5.81	158.1	5.36
		17.8	192.7	7.15	184.3	6.85	176.9	6.39	173.0	6.09	167.0	5.78	158.1	5.32
		35.5	192.7	6.85	184.3	6.55	176.9	6.09	173.0	5.93	167.0	5.64	158.1	5.18
		44.4	192.7	6.75	184.3	6.39	176.9	6.09	173.0	5.78	167.0	5.48	158.1	5.02
		53.3	192.7	6.71	184.3	6.31	176.9	6.09	173.0	5.70	167.0	5.40	158.1	4.94
	113	14.2	192.7	6.77	184.3	6.66	176.9	6.05	173.0	5.68	167.0	5.36	158.1	4.90
		17.8	192.7	6.69	184.3	6.55	176.9	5.93	173.0	5.64	167.0	5.32	158.1	4.86
		35.5	192.7	6.39	184.3	6.09	176.9	5.48	173.0	5.48	167.0	5.18	158.1	4.72
		44.4	192.7	6.39	184.3	5.93	176.9	5.64	173.0	5.18	167.0	4.86	158.1	4.41
		53.3	192.7	6.39	184.3	5.86	176.9	5.71	173.0	5.03	167.0	4.71	158.1	4.25

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN144BAS4, ARWB144BAS4
144,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
100	23	14.2	65.1	9.69	64.7	9.13	64.4	8.38	63.8	8.03	63.2	7.67	62.0	6.98
		17.8	67.4	9.85	66.9	9.30	66.6	8.56	66.0	8.20	65.4	7.84	64.2	7.13
		35.5	76.3	10.52	75.8	10.00	75.3	9.29	74.6	8.89	74.0	8.52	72.8	7.74
		44.4	84.2	11.19	83.6	10.69	83.2	10.01	82.4	9.60	81.8	9.18	80.3	8.34
		53.3	88.3	11.53	87.6	11.04	87.1	10.38	86.4	9.96	85.8	9.51	84.1	8.64
	32	14.2	116.4	13.25	113.8	12.86	111.5	12.27	109.5	11.75	107.6	11.25	103.8	10.22
		17.8	117.1	13.29	114.5	12.89	112.1	12.31	110.2	11.79	108.2	11.29	104.4	10.25
		35.5	119.8	13.41	117.2	13.02	114.7	12.45	112.7	11.93	110.8	11.41	106.8	10.37
		44.4	121.6	13.41	119.1	13.02	116.5	12.45	114.4	11.93	112.4	11.41	108.5	10.37
		53.3	122.5	13.41	120.0	13.02	117.4	12.45	115.2	11.93	113.3	11.41	109.3	10.37
	41	14.2	171.8	14.25	166.1	13.90	161.8	13.36	158.5	12.79	151.0	12.25	144.1	11.14
		17.8	172.4	14.31	166.4	13.96	161.8	13.43	158.5	12.86	151.0	12.31	144.1	11.19
		35.5	174.8	14.56	167.6	14.21	162.0	13.70	158.5	13.13	151.0	12.56	144.1	11.41
		44.4	175.9	14.66	168.0	14.31	162.0	13.79	158.5	13.22	151.0	12.64	144.1	11.49
		53.3	176.4	14.70	168.3	14.36	162.0	13.84	158.5	13.27	151.0	12.68	144.1	11.53
	50	14.2	172.7	12.74	166.6	12.46	162.0	12.07	158.5	11.66	151.0	11.09	144.1	10.14
		17.8	173.2	12.80	166.8	12.50	162.0	12.11	158.5	11.68	151.0	11.10	144.1	10.15
		35.5	174.8	13.03	167.7	12.66	162.0	12.25	158.5	11.74	151.0	11.14	144.1	10.20
		44.4	176.0	12.99	168.5	12.66	162.0	12.22	158.5	11.71	151.0	11.11	144.1	10.15
		53.3	176.6	12.96	168.9	12.66	162.0	12.20	158.5	11.70	151.0	11.10	144.1	10.13
	59	14.2	173.7	11.23	167.3	11.04	162.0	10.80	158.5	10.54	151.0	9.92	144.1	9.17
		17.8	173.9	11.29	167.4	11.05	162.0	10.80	158.5	10.50	151.0	9.89	144.1	9.13
		35.5	174.8	11.51	167.9	11.08	162.0	10.80	158.5	10.34	151.0	9.74	144.1	8.97
		44.4	176.3	11.32	168.8	10.99	162.0	10.66	158.5	10.20	151.0	9.59	144.1	8.83
		53.3	177.1	11.22	169.2	10.94	162.0	10.59	158.5	10.13	151.0	9.51	144.1	8.76
	68	14.2	174.6	9.61	168.2	9.36	162.0	9.13	158.5	9.01	151.0	8.41	144.1	8.00
		17.8	175.3	9.65	168.3	9.37	162.0	9.13	158.5	8.97	151.0	8.37	144.1	7.92
		35.5	177.8	9.82	168.8	9.40	162.0	9.13	158.5	8.83	151.0	8.22	144.1	7.60
		44.4	178.9	9.65	170.3	9.32	162.0	8.97	158.5	8.67	151.0	8.06	144.1	7.46
		53.3	179.4	9.56	171.0	9.28	162.0	8.89	158.5	8.59	151.0	7.98	144.1	7.39
	77	14.2	176.7	8.40	170.9	8.13	162.0	7.80	158.5	7.50	151.0	7.04	144.1	6.39
		17.8	177.4	8.41	170.9	8.09	162.0	7.76	158.5	7.46	151.0	7.00	144.1	6.39
		35.5	179.9	8.44	170.9	7.92	162.0	7.60	158.5	7.30	151.0	6.85	144.1	6.39
		44.4	180.8	8.25	170.9	7.85	162.0	7.46	158.5	7.15	151.0	6.85	144.1	6.23
		53.3	181.3	8.15	170.9	7.82	162.0	7.39	158.5	7.07	151.0	6.85	144.1	6.15
	86	14.2	180.8	7.64	170.9	7.04	162.0	6.56	158.5	6.43	151.0	5.93	144.1	5.68
		17.8	180.8	7.60	170.9	7.00	162.0	6.55	158.5	6.39	151.0	5.93	144.1	5.64
		35.5	180.8	7.46	170.9	6.85	162.0	6.49	158.5	6.23	151.0	5.93	144.1	5.48
		44.4	180.8	7.30	170.9	6.85	162.0	6.39	158.5	6.23	151.0	5.78	144.1	5.48
		53.3	180.8	7.22	170.9	6.85	162.0	6.34	158.5	6.23	151.0	5.70	144.1	5.48
	95	14.2	180.8	7.08	170.9	6.47	162.0	5.79	158.5	5.68	151.0	5.36	144.1	4.90
		17.8	180.8	7.00	170.9	6.39	162.0	5.78	158.5	5.64	151.0	5.32	144.1	4.86
		35.5	180.8	6.69	170.9	6.09	162.0	5.71	158.5	5.48	151.0	5.18	144.1	4.72
		44.4	180.8	6.69	170.9	6.09	162.0	5.64	158.5	5.48	151.0	5.18	144.1	4.72
		53.3	180.8	6.69	170.9	6.09	162.0	5.60	158.5	5.48	151.0	5.18	144.1	4.72
	104	14.2	180.8	6.63	170.9	6.01	162.0	5.19	158.5	5.06	151.0	4.76	144.1	4.44
		17.8	180.8	6.55	170.9	5.93	162.0	5.18	158.5	5.02	151.0	4.72	144.1	4.41
		35.5	180.8	6.23	170.9	5.64	162.0	5.12	158.5	4.86	151.0	4.57	144.1	4.27
		44.4	180.8	6.09	170.9	5.64	162.0	5.02	158.5	4.86	151.0	4.57	144.1	4.27
		53.3	180.8	6.02	170.9	5.64	162.0	4.97	158.5	4.86	151.0	4.57	144.1	4.27
	113	14.2	180.8	6.17	170.9	5.55	162.0	4.58	158.5	4.44	151.0	4.15	144.1	3.99
		17.8	180.8	6.09	170.9	5.48	162.0	4.57	158.5	4.41	151.0	4.11	144.1	3.95
		35.5	180.8	5.78	170.9	5.18	162.0	4.50	158.5	4.27	151.0	3.95	144.1	3.81
		44.4	180.8	5.48	170.9	5.18	162.0	4.41	158.5	4.27	151.0	3.95	144.1	3.81
		53.3	180.8	5.33	170.9	5.18	162.0	4.36	158.5	4.27	151.0	3.95	144.1	3.81

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN144BAS4, ARWB144BAS4

144,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
90	23	14.2	61.5	8.99	59.6	8.19	57.8	7.19	57.4	6.85	56.9	6.61	56.0	5.93
		17.8	63.6	9.15	61.6	8.34	59.8	7.35	59.4	7.00	58.9	6.75	57.9	6.06
		35.5	72.0	9.76	69.8	8.96	67.7	7.98	67.2	7.60	66.8	7.34	65.4	6.58
		44.4	79.6	10.37	77.0	9.59	74.7	8.61	74.1	8.20	73.7	7.90	72.3	7.10
		53.3	83.4	10.68	80.7	9.90	78.3	8.93	77.6	8.50	77.2	8.19	75.8	7.36
	32	14.2	110.0	12.25	104.9	11.49	100.1	10.55	98.6	10.06	96.9	9.68	93.3	8.70
		17.8	110.6	12.28	105.5	11.52	100.7	10.58	99.2	10.09	97.5	9.71	93.9	8.72
		35.5	113.2	12.40	107.9	11.65	103.1	10.69	101.4	10.20	99.8	9.82	96.1	8.82
		44.4	114.8	12.40	109.6	11.65	104.7	10.69	102.9	10.20	101.4	9.82	97.7	8.82
		53.3	115.7	12.40	110.4	11.65	105.6	10.69	103.7	10.20	102.3	9.82	98.4	8.82
	41	14.2	155.4	13.15	150.4	12.41	145.6	11.48	142.6	10.95	136.2	10.54	129.8	9.46
		17.8	155.5	13.21	150.2	12.47	145.6	11.54	142.6	11.00	136.2	10.59	129.8	9.51
		35.5	156.1	13.44	149.8	12.70	145.6	11.76	142.6	11.22	136.2	10.81	129.8	9.70
		44.4	157.0	13.52	150.2	12.78	145.6	11.85	142.6	11.30	136.2	10.89	129.8	9.78
		53.3	157.5	13.56	150.5	12.82	145.6	11.90	142.6	11.34	136.2	10.93	129.8	9.82
	50	14.2	156.2	11.61	150.9	11.04	145.6	10.39	142.6	9.97	136.2	9.56	129.8	8.62
		17.8	156.1	11.62	150.7	11.05	145.6	10.41	142.6	9.98	136.2	9.56	129.8	8.63
		35.5	155.8	11.65	149.9	11.10	145.6	10.45	142.6	10.03	136.2	9.52	129.8	8.66
		44.4	156.9	11.62	150.4	11.07	145.6	10.42	142.6	10.00	136.2	9.56	129.8	8.69
		53.3	157.4	11.60	150.6	11.05	145.6	10.40	142.6	9.98	136.2	9.57	129.8	8.71
	59	14.2	157.0	10.05	151.4	9.69	145.6	9.33	142.6	9.01	136.2	8.59	129.8	7.80
		17.8	156.7	10.01	151.1	9.65	145.6	9.29	142.6	8.97	136.2	8.52	129.8	7.76
		35.5	155.7	9.85	150.1	9.49	145.6	9.13	142.6	8.83	136.2	8.22	129.8	7.60
		44.4	156.7	9.71	150.5	9.35	145.6	8.97	142.6	8.67	136.2	8.22	129.8	7.60
		53.3	157.3	9.64	150.8	9.28	145.6	8.89	142.6	8.59	136.2	8.22	129.8	7.60
	68	14.2	157.9	8.48	152.1	8.24	145.6	7.96	142.6	7.64	136.2	7.38	129.8	6.92
		17.8	157.8	8.48	151.8	8.22	145.6	7.92	142.6	7.60	136.2	7.30	129.8	6.85
		35.5	157.2	8.48	150.5	8.12	145.6	7.76	142.6	7.46	136.2	7.00	129.8	6.55
		44.4	157.6	8.34	151.0	8.06	145.6	7.76	142.6	7.46	136.2	7.00	129.8	6.55
		53.3	157.9	8.27	151.2	8.03	145.6	7.76	142.6	7.46	136.2	7.00	129.8	6.55
	77	14.2	160.6	7.41	154.0	7.02	145.6	6.73	142.6	6.39	136.2	6.13	129.8	5.68
		17.8	160.9	7.40	154.0	7.00	145.6	6.69	142.6	6.39	136.2	6.09	129.8	5.64
		35.5	162.5	7.34	154.0	6.94	145.6	6.55	142.6	6.39	136.2	5.93	129.8	5.48
		44.4	163.1	7.15	154.0	6.78	145.6	6.55	142.6	6.23	136.2	5.93	129.8	5.48
		53.3	163.4	7.05	154.0	6.71	145.6	6.55	142.6	6.15	136.2	5.93	129.8	5.48
	86	14.2	163.1	6.73	154.0	6.27	145.6	5.81	142.6	5.68	136.2	5.36	129.8	4.86
		17.8	163.1	6.69	154.0	6.23	145.6	5.78	142.6	5.64	136.2	5.32	129.8	4.86
		35.5	163.1	6.55	154.0	6.09	145.6	5.64	142.6	5.48	136.2	5.18	129.8	4.86
		44.4	163.1	6.39	154.0	5.93	145.6	5.64	142.6	5.48	136.2	5.18	129.8	4.72
		53.3	163.1	6.31	154.0	5.86	145.6	5.64	142.6	5.48	136.2	5.18	129.8	4.65
	95	14.2	163.1	6.13	154.0	5.68	145.6	5.22	142.6	5.06	136.2	4.76	129.8	4.44
		17.8	163.1	6.09	154.0	5.64	145.6	5.18	142.6	5.02	136.2	4.72	129.8	4.41
		35.5	163.1	5.93	154.0	5.48	145.6	5.02	142.6	4.86	136.2	4.57	129.8	4.27
		44.4	163.1	5.78	154.0	5.32	145.6	4.86	142.6	4.72	136.2	4.57	129.8	4.27
		53.3	163.1	5.70	154.0	5.24	145.6	4.78	142.6	4.65	136.2	4.57	129.8	4.27
	104	14.2	163.1	5.71	154.0	5.22	145.6	4.60	142.6	4.44	136.2	4.31	129.8	3.99
		17.8	163.1	5.64	154.0	5.18	145.6	4.57	142.6	4.41	136.2	4.27	129.8	3.95
		35.5	163.1	5.32	154.0	5.02	145.6	4.41	142.6	4.27	136.2	4.11	129.8	3.81
		44.4	163.1	5.32	154.0	5.02	145.6	4.41	142.6	4.27	136.2	4.11	129.8	3.81
		53.3	163.1	5.32	154.0	5.02	145.6	4.41	142.6	4.27	136.2	4.11	129.8	3.81
	113	14.2	163.1	5.29	154.0	4.76	145.6	3.99	142.6	3.85	136.2	3.85	129.8	3.53
		17.8	163.1	5.18	154.0	4.72	145.6	3.95	142.6	3.81	136.2	3.81	129.8	3.49
		35.5	163.1	4.72	154.0	4.57	145.6	3.81	142.6	3.65	136.2	3.65	129.8	3.35
		44.4	163.1	4.86	154.0	4.72	145.6	3.95	142.6	3.81	136.2	3.65	129.8	3.35
		53.3	163.1	4.94	154.0	4.80	145.6	4.02	142.6	3.89	136.2	3.65	129.8	3.35

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN144BAS4, ARWB144BAS4

144,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
80	23	14.2	58.1	6.41	54.5	6.16	51.6	5.90	51.0	5.70	50.7	5.44	49.7	5.01
		17.8	60.1	6.55	56.4	6.30	53.3	6.03	52.7	5.82	52.4	5.56	51.4	5.12
		35.5	68.0	7.12	63.7	6.83	60.3	6.53	59.7	6.31	59.4	6.03	58.2	5.54
		44.4	75.2	7.67	70.4	7.37	66.6	7.05	65.9	6.82	65.6	6.50	64.2	5.98
		53.3	78.8	7.94	73.7	7.64	69.8	7.31	69.0	7.07	68.7	6.74	67.2	6.20
	32	14.2	103.8	9.40	95.7	9.02	89.1	8.65	87.5	8.35	86.3	7.96	83.0	7.33
		17.8	104.4	9.43	96.3	9.05	89.7	8.67	88.0	8.37	86.8	7.98	83.5	7.35
		35.5	107.0	9.54	98.6	9.16	91.8	8.77	90.1	8.47	88.9	8.08	85.4	7.43
		44.4	108.5	9.54	100.1	9.16	93.3	8.77	91.5	8.47	90.3	8.08	86.8	7.43
		53.3	109.3	9.54	100.8	9.16	94.0	8.77	92.2	8.47	91.0	8.08	87.5	7.43
	41	14.2	143.6	10.22	135.5	9.84	129.6	9.39	126.7	9.08	121.3	8.66	115.3	7.97
		17.8	143.9	10.28	135.8	9.89	129.6	9.44	126.7	9.13	121.3	8.70	115.3	8.01
		35.5	145.1	10.50	136.8	10.07	129.8	9.65	126.7	9.32	121.3	8.88	115.3	8.19
		44.4	145.1	10.56	136.7	10.15	129.8	9.71	126.7	9.38	121.3	8.94	115.3	8.23
		53.3	145.1	10.59	136.6	10.19	129.8	9.74	126.7	9.41	121.3	8.97	115.3	8.26
	50	14.2	144.4	9.41	136.1	8.98	129.6	8.53	126.7	8.29	121.3	7.85	115.3	7.27
		17.8	144.5	9.40	136.2	8.97	129.6	8.53	126.7	8.30	121.3	7.85	115.3	7.27
		35.5	145.1	9.35	136.8	8.93	129.8	8.55	126.7	8.31	121.3	7.87	115.3	7.29
		44.4	145.1	9.32	136.7	8.96	129.8	8.58	126.7	8.26	121.3	7.82	115.3	7.24
		53.3	145.1	9.30	136.6	8.97	129.8	8.59	126.7	8.24	121.3	7.80	115.3	7.22
	59	14.2	145.1	8.59	136.7	8.14	129.8	7.64	126.7	7.50	121.3	7.04	115.3	6.59
		17.8	145.1	8.52	136.7	8.06	129.8	7.60	126.7	7.46	121.3	7.00	115.3	6.55
		35.5	145.1	8.22	136.7	7.76	129.8	7.46	126.7	7.30	121.3	6.85	115.3	6.39
		44.4	145.1	8.06	136.7	7.76	129.8	7.46	126.7	7.15	121.3	6.69	115.3	6.23
		53.3	145.1	7.98	136.7	7.76	129.8	7.46	126.7	7.07	121.3	6.61	115.3	6.15
	68	14.2	145.1	7.18	136.7	6.89	129.8	6.55	126.7	6.43	121.3	6.13	115.3	5.68
		17.8	145.1	7.15	136.7	6.85	129.8	6.55	126.7	6.39	121.3	6.09	115.3	5.64
		35.5	145.1	7.00	136.7	6.69	129.8	6.55	126.7	6.23	121.3	5.93	115.3	5.48
		44.4	145.1	6.85	136.7	6.55	129.8	6.39	126.7	6.23	121.3	5.78	115.3	5.48
		53.3	145.1	6.77	136.7	6.48	129.8	6.31	126.7	6.23	121.3	5.70	115.3	5.48
	77	14.2	145.1	6.43	136.7	5.97	129.8	5.64	126.7	5.52	121.3	5.22	115.3	4.90
		17.8	145.1	6.39	136.7	5.93	129.8	5.64	126.7	5.48	121.3	5.18	115.3	4.86
		35.5	145.1	6.23	136.7	5.78	129.8	5.64	126.7	5.32	121.3	5.02	115.3	4.72
		44.4	145.1	6.09	136.7	5.78	129.8	5.48	126.7	5.32	121.3	5.02	115.3	4.72
		53.3	145.1	6.02	136.7	5.78	129.8	5.40	126.7	5.32	121.3	5.02	115.3	4.72
	86	14.2	145.1	5.68	136.7	5.36	129.8	5.06	126.7	4.90	121.3	4.60	115.3	4.31
		17.8	145.1	5.64	136.7	5.32	129.8	5.02	126.7	4.86	121.3	4.57	115.3	4.27
		35.5	145.1	5.48	136.7	5.18	129.8	4.86	126.7	4.72	121.3	4.41	115.3	4.11
		44.4	145.1	5.48	136.7	5.18	129.8	4.86	126.7	4.72	121.3	4.41	115.3	4.11
		53.3	145.1	5.48	136.7	5.18	129.8	4.86	126.7	4.72	121.3	4.41	115.3	4.11
	95	14.2	145.1	5.22	136.7	4.90	129.8	4.44	126.7	4.27	121.3	4.15	115.3	3.81
		17.8	145.1	5.18	136.7	4.86	129.8	4.41	126.7	4.27	121.3	4.11	115.3	3.81
		35.5	145.1	5.02	136.7	4.72	129.8	4.27	126.7	4.27	121.3	3.95	115.3	3.81
		44.4	145.1	5.02	136.7	4.57	129.8	4.27	126.7	4.11	121.3	3.95	115.3	3.65
		53.3	145.1	5.02	136.7	4.49	129.8	4.27	126.7	4.03	121.3	3.95	115.3	3.57
	104	14.2	145.1	4.94	136.7	4.44	129.8	3.95	126.7	3.99	121.3	3.65	115.3	3.53
		17.8	145.1	4.86	136.7	4.41	129.8	3.95	126.7	3.95	121.3	3.65	115.3	3.49
		35.5	145.1	4.57	136.7	4.27	129.8	3.95	126.7	3.81	121.3	3.65	115.3	3.35
		44.4	145.1	4.57	136.7	4.27	129.8	3.81	126.7	3.81	121.3	3.65	115.3	3.35
		53.3	145.1	4.57	136.7	4.27	129.8	3.74	126.7	3.81	121.3	3.65	115.3	3.35
	113	14.2	145.1	4.68	136.7	3.99	129.8	3.45	126.7	3.73	121.3	3.16	115.3	3.27
		17.8	145.1	4.57	136.7	3.95	129.8	3.49	126.7	3.65	121.3	3.20	115.3	3.20
		35.5	145.1	4.11	136.7	3.81	129.8	3.65	126.7	3.35	121.3	3.35	115.3	2.90
		44.4	145.1	4.11	136.7	3.95	129.8	3.35	126.7	3.49	121.3	3.35	115.3	3.04
		53.3	145.1	4.11	136.7	4.02	129.8	3.20	126.7	3.57	121.3	3.35	115.3	3.11

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

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HEATING CAPACITY DATA

ARWN144BAS4, ARWB144BAS4

144,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
70	23	14.2	50.7	5.50	47.6	5.24	45.0	5.07	44.6	4.78	44.3	4.61	43.6	4.19
		17.8	52.4	5.62	49.3	5.35	46.6	5.18	46.1	4.88	45.8	4.71	45.1	4.28
		35.5	59.4	6.09	55.8	5.81	52.6	5.62	52.1	5.29	51.8	5.10	50.9	4.64
		44.4	65.7	6.58	61.6	6.27	58.2	6.06	57.7	5.70	57.3	5.51	56.2	5.01
		53.3	68.9	6.83	64.6	6.50	61.0	6.28	60.5	5.90	60.0	5.72	58.9	5.19
	32	14.2	90.8	8.05	83.9	7.68	77.9	7.42	76.5	6.99	75.3	6.75	72.7	6.14
		17.8	91.3	8.08	84.4	7.70	78.4	7.45	77.0	7.00	75.8	6.77	73.1	6.15
		35.5	93.4	8.17	86.3	7.78	80.2	7.54	78.8	7.08	77.6	6.85	74.7	6.22
		44.4	94.8	8.17	87.7	7.78	81.4	7.54	80.0	7.08	78.8	6.85	76.0	6.22
		53.3	95.5	8.17	88.4	7.78	82.0	7.54	80.6	7.08	79.4	6.85	76.6	6.22
	41	14.2	125.4	8.77	118.8	8.35	113.1	8.08	110.8	7.61	105.8	7.34	100.8	6.67
		17.8	125.7	8.82	119.1	8.39	113.2	8.12	110.8	7.65	105.8	7.38	100.8	6.71
		35.5	126.7	8.99	120.0	8.56	113.3	8.30	110.8	7.79	105.8	7.54	100.8	6.85
		44.4	126.7	9.05	119.8	8.63	113.3	8.36	110.8	7.85	105.8	7.59	100.8	6.89
		53.3	126.7	9.08	119.7	8.66	113.3	8.39	110.8	7.89	105.8	7.61	100.8	6.92
	50	14.2	126.0	8.08	119.2	7.63	113.3	7.35	110.8	6.94	105.8	6.66	100.8	6.09
		17.8	126.1	8.06	119.4	7.62	113.3	7.34	110.8	6.94	105.8	6.66	100.8	6.09
		35.5	126.7	8.00	119.8	7.56	113.3	7.27	110.8	6.94	105.8	6.66	100.8	6.09
		44.4	126.7	8.03	119.8	7.59	113.3	7.30	110.8	6.97	105.8	6.61	100.8	6.11
		53.3	126.7	8.04	119.8	7.60	113.3	7.32	110.8	6.99	105.8	6.59	100.8	6.12
	59	14.2	126.7	7.38	119.8	6.92	113.3	6.63	110.8	6.27	105.8	5.97	100.8	5.52
		17.8	126.7	7.30	119.8	6.85	113.3	6.55	110.8	6.23	105.8	5.93	100.8	5.48
		35.5	126.7	7.00	119.8	6.55	113.3	6.23	110.8	6.09	105.8	5.78	100.8	5.32
		44.4	126.7	7.00	119.8	6.55	113.3	6.23	110.8	6.09	105.8	5.64	100.8	5.32
		53.3	126.7	7.00	119.8	6.55	113.3	6.23	110.8	6.09	105.8	5.56	100.8	5.32
	68	14.2	126.7	6.13	119.8	5.81	113.3	5.68	110.8	5.52	105.8	5.22	100.8	4.90
		17.8	126.7	6.09	119.8	5.78	113.3	5.64	110.8	5.48	105.8	5.18	100.8	4.86
		35.5	126.7	5.93	119.8	5.64	113.3	5.48	110.8	5.32	105.8	5.02	100.8	4.72
		44.4	126.7	5.93	119.8	5.64	113.3	5.48	110.8	5.18	105.8	5.02	100.8	4.57
		53.3	126.7	5.93	119.8	5.64	113.3	5.48	110.8	5.11	105.8	5.02	100.8	4.49
	77	14.2	126.7	5.52	119.8	5.22	113.3	4.90	110.8	4.76	105.8	4.41	100.8	4.11
		17.8	126.7	5.48	119.8	5.18	113.3	4.86	110.8	4.72	105.8	4.41	100.8	4.11
		35.5	126.7	5.32	119.8	5.02	113.3	4.72	110.8	4.57	105.8	4.41	100.8	4.11
		44.4	126.7	5.18	119.8	4.86	113.3	4.72	110.8	4.57	105.8	4.27	100.8	4.11
		53.3	126.7	5.11	119.8	4.78	113.3	4.72	110.8	4.57	105.8	4.19	100.8	4.11
	86	14.2	126.7	4.90	119.8	4.60	113.3	4.31	110.8	4.11	105.8	3.99	100.8	3.65
		17.8	126.7	4.86	119.8	4.57	113.3	4.27	110.8	4.11	105.8	3.95	100.8	3.65
		35.5	126.7	4.72	119.8	4.41	113.3	4.11	110.8	4.11	105.8	3.81	100.8	3.65
		44.4	126.7	4.72	119.8	4.41	113.3	4.11	110.8	3.95	105.8	3.81	100.8	3.65
		53.3	126.7	4.72	119.8	4.41	113.3	4.11	110.8	3.87	105.8	3.81	100.8	3.65
	95	14.2	126.7	4.44	119.8	4.15	113.3	3.81	110.8	3.85	105.8	3.49	100.8	3.39
		17.8	126.7	4.41	119.8	4.11	113.3	3.81	110.8	3.81	105.8	3.49	100.8	3.35
		35.5	126.7	4.27	119.8	3.95	113.3	3.81	110.8	3.65	105.8	3.49	100.8	3.20
		44.4	126.7	4.27	119.8	3.95	113.3	3.65	110.8	3.65	105.8	3.49	100.8	3.20
		53.3	126.7	4.27	119.8	3.95	113.3	3.57	110.8	3.65	105.8	3.49	100.8	3.20
	104	14.2	126.7	4.15	119.8	3.85	113.3	3.53	110.8	3.35	105.8	3.20	100.8	3.07
		17.8	126.7	4.11	119.8	3.81	113.3	3.49	110.8	3.35	105.8	3.20	100.8	3.04
		35.5	126.7	3.95	119.8	3.65	113.3	3.35	110.8	3.35	105.8	3.20	100.8	2.90
		44.4	126.7	3.95	119.8	3.65	113.3	3.35	110.8	3.20	105.8	3.04	100.8	2.90
		53.3	126.7	3.95	119.8	3.65	113.3	3.35	110.8	3.12	105.8	2.96	100.8	2.90
	113	14.2	126.7	3.85	119.8	3.53	113.3	3.27	110.8	2.86	105.8	2.90	100.8	2.78
		17.8	126.7	3.81	119.8	3.49	113.3	3.20	110.8	2.90	105.8	2.90	100.8	2.74
		35.5	126.7	3.65	119.8	3.35	113.3	2.90	110.8	3.04	105.8	2.90	100.8	2.58
		44.4	126.7	3.65	119.8	3.35	113.3	3.04	110.8	2.74	105.8	2.58	100.8	2.58
		53.3	126.7	3.65	119.8	3.35	113.3	3.11	110.8	2.59	105.8	2.42	100.8	2.58

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN144BAS4, ARWB144BAS4
144,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
60	23	14.2	43.5	4.47	40.8	4.30	38.6	4.13	38.2	3.84	38.0	3.77	37.3	3.37
		17.8	45.1	4.57	42.2	4.39	39.9	4.22	39.5	3.92	39.3	3.86	38.6	3.45
		35.5	51.1	4.96	47.8	4.77	45.2	4.58	44.8	4.25	44.6	4.19	43.7	3.75
		44.4	56.4	5.34	52.7	5.15	50.0	4.94	49.4	4.60	49.3	4.52	48.2	4.03
		53.3	59.0	5.53	55.3	5.34	52.5	5.13	51.8	4.77	51.6	4.68	50.5	4.17
	32	14.2	77.9	6.54	71.8	6.31	66.9	6.04	65.6	5.62	64.7	5.54	62.3	4.95
		17.8	78.4	6.56	72.2	6.33	67.4	6.06	66.0	5.64	65.1	5.56	62.7	4.96
		35.5	80.2	6.64	73.8	6.39	69.0	6.14	67.5	5.70	66.6	5.62	64.0	5.01
		44.4	81.4	6.64	75.0	6.39	70.1	6.14	68.6	5.70	67.7	5.62	65.1	5.01
		53.3	82.0	6.64	75.7	6.39	70.6	6.14	69.1	5.70	68.2	5.62	65.6	5.01
	41	14.2	107.7	7.13	101.5	6.86	97.4	6.58	94.9	6.12	90.9	6.03	86.5	5.37
		17.8	107.9	7.16	101.7	6.89	97.4	6.61	94.9	6.15	90.9	6.06	86.5	5.40
		35.5	108.8	7.30	102.5	7.04	97.4	6.75	94.9	6.28	90.9	6.19	86.5	5.51
		44.4	108.8	7.37	102.3	7.08	97.4	6.80	94.9	6.33	90.9	6.22	86.5	5.56
		53.3	108.8	7.40	102.2	7.11	97.4	6.82	94.9	6.35	90.9	6.23	86.5	5.58
	50	14.2	108.2	6.55	101.9	6.27	97.4	5.97	94.9	5.57	90.9	5.47	86.5	4.90
		17.8	108.4	6.55	102.0	6.27	97.4	5.97	94.9	5.59	90.9	5.46	86.5	4.91
		35.5	108.8	6.55	102.5	6.27	97.4	5.97	94.9	5.65	90.9	5.45	86.5	4.96
		44.4	108.8	6.56	102.3	6.20	97.4	5.90	94.9	5.59	90.9	5.40	86.5	4.91
		53.3	108.8	6.57	102.2	6.17	97.4	5.87	94.9	5.56	90.9	5.38	86.5	4.89
	59	14.2	108.8	5.97	102.3	5.68	97.4	5.36	94.9	5.02	90.9	4.90	86.5	4.41
		17.8	108.8	5.93	102.3	5.64	97.4	5.32	94.9	5.02	90.9	4.86	86.5	4.41
		35.5	108.8	5.78	102.3	5.48	97.4	5.18	94.9	5.02	90.9	4.72	86.5	4.41
		44.4	108.8	5.78	102.3	5.32	97.4	5.02	94.9	4.86	90.9	4.57	86.5	4.27
		53.3	108.8	5.78	102.3	5.24	97.4	4.94	94.9	4.78	90.9	4.49	86.5	4.19
	68	14.2	108.8	5.22	102.3	4.90	97.4	4.60	94.9	4.44	90.9	4.31	86.5	3.99
		17.8	108.8	5.18	102.3	4.86	97.4	4.57	94.9	4.41	90.9	4.27	86.5	3.95
		35.5	108.8	5.02	102.3	4.72	97.4	4.41	94.9	4.27	90.9	4.11	86.5	3.81
		44.4	108.8	5.02	102.3	4.72	97.4	4.41	94.9	4.27	90.9	4.11	86.5	3.81
		53.3	108.8	5.02	102.3	4.72	97.4	4.41	94.9	4.27	90.9	4.11	86.5	3.81
	77	14.2	108.8	4.60	102.3	4.31	97.4	3.95	94.9	3.99	90.9	3.65	86.5	3.53
		17.8	108.8	4.57	102.3	4.27	97.4	3.95	94.9	3.95	90.9	3.65	86.5	3.49
		35.5	108.8	4.41	102.3	4.11	97.4	3.95	94.9	3.81	90.9	3.65	86.5	3.35
		44.4	108.8	4.41	102.3	4.11	97.4	3.81	94.9	3.81	90.9	3.65	86.5	3.35
		53.3	108.8	4.41	102.3	4.11	97.4	3.74	94.9	3.81	90.9	3.65	86.5	3.35
	86	14.2	108.8	4.15	102.3	3.85	97.4	3.69	94.9	3.53	90.9	3.39	86.5	3.24
		17.8	108.8	4.11	102.3	3.81	97.4	3.65	94.9	3.49	90.9	3.35	86.5	3.20
		35.5	108.8	3.95	102.3	3.65	97.4	3.49	94.9	3.35	90.9	3.20	86.5	3.04
		44.4	108.8	3.95	102.3	3.65	97.4	3.49	94.9	3.35	90.9	3.20	86.5	3.04
		53.3	108.8	3.95	102.3	3.65	97.4	3.49	94.9	3.35	90.9	3.20	86.5	3.04
	95	14.2	108.8	3.65	102.3	3.53	97.4	3.20	94.9	3.24	90.9	3.07	86.5	2.94
		17.8	108.8	3.65	102.3	3.49	97.4	3.20	94.9	3.20	90.9	3.04	86.5	2.90
		35.5	108.8	3.65	102.3	3.35	97.4	3.20	94.9	3.04	90.9	2.90	86.5	2.74
		44.4	108.8	3.65	102.3	3.35	97.4	3.04	94.9	3.04	90.9	2.90	86.5	2.74
		53.3	108.8	3.65	102.3	3.35	97.4	2.96	94.9	3.04	90.9	2.90	86.5	2.74
	104	14.2	108.8	3.35	102.3	3.24	97.4	2.90	94.9	2.94	90.9	2.78	86.5	2.58
		17.8	108.8	3.35	102.3	3.20	97.4	2.90	94.9	2.90	90.9	2.74	86.5	2.58
		35.5	108.8	3.35	102.3	3.04	97.4	2.90	94.9	2.74	90.9	2.58	86.5	2.58
		44.4	108.8	3.35	102.3	3.04	97.4	2.90	94.9	2.74	90.9	2.58	86.5	2.58
		53.3	108.8	3.35	102.3	3.04	97.4	2.90	94.9	2.74	90.9	2.58	86.5	2.58
	113	14.2	108.8	3.04	102.3	2.94	97.4	2.58	94.9	2.62	90.9	2.48	86.5	2.24
		17.8	108.8	3.04	102.3	2.90	97.4	2.58	94.9	2.58	90.9	2.44	86.5	2.28
		35.5	108.8	3.04	102.3	2.74	97.4	2.58	94.9	2.44	90.9	2.28	86.5	2.44
		44.4	108.8	3.04	102.3	2.74	97.4	2.74	94.9	2.44	90.9	2.28	86.5	2.44
		53.3	108.8	3.04	102.3	2.74	97.4	2.82	94.9	2.44	90.9	2.28	86.5	2.44

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN144BAS4, ARWB144BAS4

144,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
50	23	14.2	36.3	3.56	34.1	3.37	32.2	3.19	31.7	3.02	31.6	2.83	31.0	2.68
		17.8	37.5	3.64	35.3	3.45	33.3	3.26	32.9	3.09	32.7	2.90	32.1	2.74
		35.5	42.3	3.94	39.8	3.75	37.7	3.53	37.2	3.35	37.1	3.15	36.3	2.96
		44.4	46.9	4.25	44.0	4.03	41.6	3.81	41.1	3.62	40.8	3.38	40.2	3.20
		53.3	49.1	4.41	46.1	4.17	43.6	3.95	43.1	3.76	42.7	3.50	42.2	3.31
	32	14.2	64.7	5.21	59.9	4.95	55.7	4.66	54.5	4.42	53.8	4.16	51.8	3.92
		17.8	65.1	5.23	60.3	4.96	56.1	4.68	54.9	4.44	54.1	4.17	52.1	3.94
		35.5	66.6	5.27	61.6	5.01	57.4	4.74	56.2	4.50	55.5	4.22	53.3	3.98
		44.4	67.7	5.27	62.5	5.01	58.2	4.74	57.1	4.50	56.2	4.22	54.3	3.98
		53.3	68.2	5.27	63.0	5.01	58.5	4.74	57.6	4.50	56.6	4.22	54.7	3.98
	41	14.2	89.5	5.67	84.8	5.37	80.9	5.07	79.0	4.82	75.5	4.53	72.0	4.26
		17.8	89.7	5.70	85.0	5.40	80.9	5.10	79.0	4.85	75.5	4.55	72.0	4.28
		35.5	90.4	5.81	85.6	5.51	81.1	5.21	79.0	4.94	75.5	4.63	72.0	4.38
		44.4	90.4	5.86	85.4	5.56	81.1	5.24	79.0	4.97	75.5	4.68	72.0	4.41
		53.3	90.4	5.88	85.4	5.58	81.1	5.26	79.0	4.99	75.5	4.70	72.0	4.42
	50	14.2	90.0	5.22	85.0	4.92	80.9	4.62	79.0	4.42	75.5	4.08	72.0	3.90
		17.8	90.1	5.21	85.1	4.91	80.9	4.61	79.0	4.41	75.5	4.09	72.0	3.89
		35.5	90.4	5.18	85.6	4.90	81.1	4.58	79.0	4.38	75.5	4.14	72.0	3.86
		44.4	90.4	5.21	85.4	4.91	81.1	4.60	79.0	4.39	75.5	4.08	72.0	3.87
		53.3	90.4	5.23	85.4	4.92	81.1	4.60	79.0	4.40	75.5	4.05	72.0	3.88
	59	14.2	90.4	4.76	85.4	4.44	81.1	4.15	79.0	3.99	75.5	3.65	72.0	3.53
		17.8	90.4	4.72	85.4	4.41	81.1	4.11	79.0	3.95	75.5	3.65	72.0	3.49
		35.5	90.4	4.57	85.4	4.27	81.1	3.95	79.0	3.81	75.5	3.65	72.0	3.35
		44.4	90.4	4.57	85.4	4.27	81.1	3.95	79.0	3.81	75.5	3.49	72.0	3.35
		53.3	90.4	4.57	85.4	4.27	81.1	3.95	79.0	3.81	75.5	3.42	72.0	3.35
	68	14.2	90.4	4.15	85.4	3.85	81.1	3.69	79.0	3.53	75.5	3.39	72.0	3.04
		17.8	90.4	4.11	85.4	3.81	81.1	3.65	79.0	3.49	75.5	3.35	72.0	3.04
		35.5	90.4	3.95	85.4	3.65	81.1	3.49	79.0	3.35	75.5	3.20	72.0	3.04
		44.4	90.4	3.95	85.4	3.65	81.1	3.49	79.0	3.35	75.5	3.20	72.0	3.04
		53.3	90.4	3.95	85.4	3.65	81.1	3.49	79.0	3.35	75.5	3.20	72.0	3.04
	77	14.2	90.4	3.69	85.4	3.35	81.1	3.24	79.0	3.04	75.5	2.90	72.0	2.74
		17.8	90.4	3.65	85.4	3.35	81.1	3.20	79.0	3.04	75.5	2.90	72.0	2.74
		35.5	90.4	3.49	85.4	3.35	81.1	3.04	79.0	3.04	75.5	2.90	72.0	2.74
		44.4	90.4	3.49	85.4	3.35	81.1	3.04	79.0	3.04	75.5	2.90	72.0	2.74
		53.3	90.4	3.49	85.4	3.35	81.1	3.04	79.0	3.04	75.5	2.90	72.0	2.74
	86	14.2	90.4	3.39	85.4	3.07	81.1	2.94	79.0	2.74	75.5	2.78	72.0	2.62
		17.8	90.4	3.35	85.4	3.04	81.1	2.90	79.0	2.74	75.5	2.74	72.0	2.58
		35.5	90.4	3.20	85.4	2.90	81.1	2.74	79.0	2.74	75.5	2.58	72.0	2.44
		44.4	90.4	3.20	85.4	2.90	81.1	2.74	79.0	2.74	75.5	2.58	72.0	2.44
		53.3	90.4	3.20	85.4	2.90	81.1	2.74	79.0	2.74	75.5	2.58	72.0	2.44
	95	14.2	90.4	3.07	85.4	2.74	81.1	2.58	79.0	2.62	75.5	2.44	72.0	2.28
		17.8	90.4	3.04	85.4	2.74	81.1	2.58	79.0	2.58	75.5	2.44	72.0	2.28
		35.5	90.4	2.90	85.4	2.74	81.1	2.58	79.0	2.44	75.5	2.44	72.0	2.28
		44.4	90.4	2.90	85.4	2.74	81.1	2.58	79.0	2.44	75.5	2.44	72.0	2.28
		53.3	90.4	2.90	85.4	2.74	81.1	2.58	79.0	2.44	75.5	2.44	72.0	2.28
	104	14.2	90.4	2.78	85.4	2.62	81.1	2.48	79.0	2.28	75.5	2.32	72.0	2.13
		17.8	90.4	2.74	85.4	2.58	81.1	2.44	79.0	2.28	75.5	2.28	72.0	2.13
		35.5	90.4	2.58	85.4	2.44	81.1	2.28	79.0	2.28	75.5	2.13	72.0	2.13
		44.4	90.4	2.58	85.4	2.44	81.1	2.28	79.0	2.28	75.5	2.13	72.0	2.13
		53.3	90.4	2.58	85.4	2.44	81.1	2.28	79.0	2.28	75.5	2.13	72.0	2.13
	113	14.2	90.4	2.48	85.4	2.52	81.1	2.36	79.0	1.95	75.5	2.20	72.0	1.98
		17.8	90.4	2.44	85.4	2.44	81.1	2.28	79.0	1.98	75.5	2.13	72.0	1.98
		35.5	90.4	2.28	85.4	2.13	81.1	1.98	79.0	2.13	75.5	1.83	72.0	1.98
		44.4	90.4	2.28	85.4	2.13	81.1	1.98	79.0	2.13	75.5	1.83	72.0	1.98
		53.3	90.4	2.28	85.4	2.13	81.1	1.98	79.0	2.13	75.5	1.83	72.0	1.98

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN192BAS4, ARWB192BAS4

192,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
130	23	20.3	102.2	11.96	101.4	11.26	100.8	10.48	99.5	10.17	100.6	9.91	97.9	8.88
		25.4	105.7	12.17	104.9	11.48	104.3	10.72	102.9	10.39	104.1	10.12	101.3	9.08
		50.7	119.5	12.99	118.6	12.34	117.9	11.62	116.3	11.28	117.8	10.97	114.7	9.85
		63.4	132.2	13.82	131.0	13.19	130.2	12.52	128.6	12.19	130.2	11.84	126.7	10.61
		76.1	138.6	14.24	137.3	13.62	136.3	12.98	134.7	12.65	136.5	12.27	132.8	11.00
	32	20.3	182.6	16.36	178.4	15.87	174.6	15.35	170.7	14.92	171.4	14.51	163.5	12.99
		25.4	183.7	16.40	179.4	15.91	175.7	15.39	171.8	14.96	172.3	14.55	164.6	13.04
		50.7	188.0	16.58	183.5	16.06	179.7	15.58	175.8	15.14	176.5	14.71	168.6	13.19
		63.4	190.9	16.58	186.2	16.06	182.4	15.58	178.4	15.14	179.0	14.71	171.0	13.19
		76.1	192.3	16.58	187.7	16.06	183.8	15.58	179.7	15.14	180.3	14.71	172.2	13.19
	41	20.3	262.9	17.59	258.9	17.15	253.6	16.71	247.2	16.24	240.5	15.80	227.2	14.14
		25.4	263.8	17.67	259.4	17.23	253.6	16.80	247.2	16.33	240.5	15.87	227.2	14.21
		50.7	267.4	17.98	261.3	17.54	253.8	17.14	247.2	16.66	240.5	16.19	227.2	14.51
		63.4	269.1	18.09	262.1	17.67	253.8	17.25	247.2	16.78	240.5	16.30	227.2	14.61
		76.1	269.9	18.15	262.4	17.72	253.8	17.31	247.2	16.84	240.5	16.36	227.2	14.66
	50	20.3	263.2	16.00	259.0	15.46	252.8	15.17	246.1	14.83	239.5	14.32	226.4	12.93
		25.4	264.8	15.97	260.2	15.47	253.8	15.20	247.2	14.83	240.5	14.32	227.2	12.92
		50.7	271.0	15.85	265.0	15.53	257.8	15.32	251.2	14.80	244.1	14.27	230.9	12.88
		63.4	272.5	16.06	266.9	15.75	259.4	15.38	252.3	14.86	245.8	14.51	232.3	13.49
		76.1	273.1	16.17	267.7	15.86	260.2	15.41	253.0	14.89	246.6	14.63	233.0	13.79
	59	20.3	263.7	14.42	259.0	13.80	251.7	13.65	245.1	13.43	238.7	12.86	225.4	11.72
		25.4	265.8	14.27	261.0	13.74	253.8	13.63	247.2	13.33	240.5	12.76	227.2	11.62
		50.7	274.4	13.71	268.8	13.51	261.8	13.51	255.2	12.93	247.7	12.37	234.5	11.22
		63.4	275.9	14.04	271.5	13.82	265.0	13.51	257.8	12.93	251.2	12.72	237.3	12.37
		76.1	276.6	14.21	272.8	13.98	266.7	13.51	259.1	12.93	252.9	12.90	238.7	12.94
	68	20.3	273.7	13.23	268.7	12.61	261.6	12.34	254.4	11.94	247.0	11.67	232.3	11.31
		25.4	275.9	13.13	270.9	12.60	263.7	12.32	256.3	11.99	249.1	11.75	234.5	11.22
		50.7	284.5	12.76	279.5	12.56	271.7	12.29	264.5	12.19	257.8	12.07	243.2	10.85
		63.4	285.7	12.76	281.5	12.56	274.9	12.37	267.0	12.19	259.8	12.07	245.1	11.54
		76.1	286.4	12.76	282.5	12.56	276.5	12.40	268.3	12.19	260.8	12.07	246.1	11.89
	77	20.3	289.0	12.61	281.5	12.25	274.9	12.04	269.6	11.84	263.7	11.67	248.5	10.90
		25.4	289.0	12.56	281.5	12.23	274.9	11.99	269.6	11.79	263.7	11.62	248.5	10.85
		50.7	289.0	12.37	281.5	12.15	274.9	11.79	269.6	11.62	263.7	11.42	248.5	10.65
		63.4	289.0	12.19	281.5	11.84	274.9	11.62	269.6	11.42	263.7	11.22	248.5	10.47
		76.1	289.0	12.10	281.5	11.67	274.9	11.53	269.6	11.32	263.7	11.12	248.5	10.39
	86	20.3	289.0	12.29	281.5	11.67	274.9	11.57	269.6	11.27	263.7	11.14	248.5	10.37
		25.4	289.0	12.19	281.5	11.65	274.9	11.50	269.6	11.22	263.7	11.05	248.5	10.28
		50.7	289.0	11.79	281.5	11.58	274.9	11.22	269.6	11.05	263.7	10.65	248.5	9.91
		63.4	289.0	11.62	281.5	11.26	274.9	11.05	269.6	10.85	263.7	10.65	248.5	9.91
		76.1	289.0	11.53	281.5	11.11	274.9	10.95	269.6	10.75	263.7	10.65	248.5	9.91
	95	20.3	289.0	11.72	281.5	11.33	274.9	11.09	269.6	10.70	263.7	10.33	248.5	9.60
		25.4	289.0	11.62	281.5	11.26	274.9	11.05	269.6	10.65	263.7	10.28	248.5	9.51
		50.7	289.0	11.22	281.5	11.00	274.9	10.85	269.6	10.47	263.7	10.08	248.5	9.13
		63.4	289.0	11.22	281.5	10.89	274.9	10.65	269.6	10.28	263.7	9.91	248.5	9.13
		76.1	289.0	11.22	281.5	10.83	274.9	10.55	269.6	10.18	263.7	9.82	248.5	9.13
	104	20.3	289.0	11.31	281.5	10.95	274.9	10.75	269.6	10.37	263.7	10.00	248.5	9.04
		25.4	289.0	11.22	281.5	10.89	274.9	10.65	269.6	10.28	263.7	9.91	248.5	8.94
		50.7	289.0	10.85	281.5	10.61	274.9	10.28	269.6	9.91	263.7	9.51	248.5	8.57
		63.4	289.0	10.65	281.5	10.44	274.9	10.28	269.6	9.91	263.7	9.51	248.5	8.57
		76.1	289.0	10.55	281.5	10.35	274.9	10.28	269.6	9.91	263.7	9.51	248.5	8.57
	113	20.3	289.0	10.94	281.5	10.58	274.9	10.42	269.6	10.05	263.7	9.66	248.5	8.46
		25.4	289.0	10.85	281.5	10.52	274.9	10.28	269.6	9.91	263.7	9.51	248.5	8.37
		50.7	289.0	10.47	281.5	10.24	274.9	9.71	269.6	9.33	263.7	8.94	248.5	7.99
		63.4	289.0	10.08	281.5	9.99	274.9	9.91	269.6	9.51	263.7	9.13	248.5	7.99
		76.1	289.0	9.88	281.5	9.85	274.9	10.00	269.6	9.60	263.7	9.24	248.5	7.99

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN192BAS4, ARWB192BAS4

192,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
120	23	20.3	97.1	11.96	96.3	11.26	95.7	10.48	94.6	10.04	95.4	9.75	92.8	8.72
		25.4	100.5	12.17	99.7	11.48	99.0	10.72	97.9	10.25	98.7	9.96	96.0	8.91
		50.7	113.7	12.99	112.8	12.34	112.1	11.62	110.7	11.12	111.7	10.81	108.7	9.69
		63.4	125.6	13.82	124.6	13.19	123.8	12.52	122.4	12.01	123.4	11.65	120.0	10.44
		76.1	131.5	14.24	130.6	13.62	129.6	12.98	128.2	12.46	129.3	12.09	125.6	10.81
	32	20.3	173.6	16.36	169.4	15.87	165.8	15.35	162.4	14.71	162.4	14.29	154.9	12.78
		25.4	174.6	16.40	170.4	15.91	166.7	15.39	163.4	14.75	163.4	14.33	156.0	12.82
		50.7	178.6	16.58	174.4	16.06	170.7	15.58	167.2	14.93	167.2	14.49	159.7	12.98
		63.4	181.4	16.58	177.3	16.06	173.4	15.58	169.8	14.93	169.6	14.49	162.1	12.98
		76.1	182.9	16.58	178.6	16.06	174.7	15.58	171.1	14.93	170.9	14.49	163.4	12.98
	41	20.3	250.2	17.59	246.5	17.15	241.1	16.71	235.3	16.00	227.8	15.55	215.4	13.93
		25.4	251.2	17.67	246.9	17.23	241.1	16.80	235.3	16.09	227.8	15.63	215.4	14.00
		50.7	254.7	17.98	248.8	17.54	241.1	17.14	235.3	16.42	227.8	15.95	215.4	14.27
		63.4	256.2	18.09	247.4	17.67	241.1	17.25	235.3	16.54	227.8	16.06	215.4	14.38
		76.1	256.9	18.15	246.6	17.72	241.1	17.31	235.3	16.59	227.8	16.13	215.4	14.43
	50	20.3	251.2	15.80	246.5	15.36	240.5	15.05	234.6	14.59	227.2	14.11	214.9	12.68
		25.4	252.3	15.85	247.5	15.42	241.1	15.10	235.3	14.61	227.8	14.10	215.4	12.70
		50.7	257.0	16.06	251.5	15.66	243.7	15.32	237.9	14.69	230.2	14.05	217.6	12.76
		63.4	258.4	16.00	250.7	15.66	244.8	15.38	238.9	14.75	231.2	14.12	218.6	13.19
		76.1	259.1	15.98	250.4	15.66	245.3	15.41	239.4	14.77	231.8	14.15	219.1	13.41
	59	20.3	251.9	14.01	246.9	13.60	239.7	13.38	233.9	13.18	226.7	12.65	214.2	11.47
		25.4	253.4	14.04	248.3	13.63	241.1	13.41	235.3	13.13	227.8	12.56	215.4	11.42
		50.7	259.2	14.16	254.4	13.74	246.6	13.51	240.5	12.93	232.5	12.19	220.0	11.22
		63.4	260.6	13.94	254.2	13.63	248.5	13.51	242.5	12.93	234.5	12.19	222.1	11.99
		76.1	261.3	13.83	254.1	13.57	249.6	13.51	243.5	12.93	235.5	12.19	223.0	12.37
	68	20.3	258.9	12.60	254.1	12.06	246.4	11.75	239.5	11.57	231.8	11.43	219.3	10.85
		25.4	260.6	12.60	255.5	12.11	247.7	11.79	241.1	11.62	233.3	11.42	220.6	10.81
		50.7	267.2	12.60	261.6	12.29	253.1	11.99	247.2	11.79	239.1	11.38	225.9	10.65
		63.4	268.5	12.48	261.4	12.19	255.2	11.99	248.5	11.79	240.5	11.42	227.2	11.05
		76.1	269.1	12.42	261.3	12.14	256.2	11.99	249.3	11.79	241.3	11.44	228.0	11.25
	77	20.3	271.5	11.92	263.7	11.36	255.2	11.14	249.8	10.90	243.2	10.70	229.9	9.95
		25.4	271.7	11.87	263.7	11.34	255.2	11.12	249.8	10.85	243.2	10.65	229.9	9.91
		50.7	272.3	11.70	263.7	11.26	255.2	11.05	249.8	10.65	243.2	10.47	229.9	9.71
		63.4	273.1	11.26	263.7	10.97	255.2	10.85	249.8	10.65	243.2	10.28	229.9	9.71
		76.1	273.5	11.05	263.7	10.81	255.2	10.75	249.8	10.65	243.2	10.18	229.9	9.71
	86	20.3	273.1	11.39	263.7	10.83	255.2	10.53	249.8	10.13	243.2	10.00	229.9	9.19
		25.4	273.1	11.30	263.7	10.77	255.2	10.47	249.8	10.08	243.2	9.91	229.9	9.13
		50.7	273.1	10.92	263.7	10.52	255.2	10.28	249.8	9.91	243.2	9.51	229.9	8.94
		63.4	273.1	10.58	263.7	10.28	255.2	10.08	249.8	9.91	243.2	9.51	229.9	8.76
		76.1	273.1	10.39	263.7	10.16	255.2	9.98	249.8	9.91	243.2	9.51	229.9	8.68
	95	20.3	273.1	10.89	263.7	10.30	255.2	10.00	249.8	9.60	243.2	9.23	229.9	8.41
		25.4	273.1	10.73	263.7	10.20	255.2	9.91	249.8	9.51	243.2	9.13	229.9	8.37
		50.7	273.1	10.12	263.7	9.83	255.2	9.51	249.8	9.13	243.2	8.76	229.9	8.19
		63.4	273.1	10.00	263.7	9.75	255.2	9.51	249.8	9.13	243.2	8.76	229.9	7.99
		76.1	273.1	9.94	263.7	9.71	255.2	9.51	249.8	9.13	243.2	8.76	229.9	7.90
	104	20.3	273.1	10.56	263.7	9.82	255.2	9.43	249.8	9.04	243.2	8.66	229.9	7.84
		25.4	273.1	10.36	263.7	9.71	255.2	9.33	249.8	8.94	243.2	8.57	229.9	7.79
		50.7	273.1	9.55	263.7	9.25	255.2	8.94	249.8	8.57	243.2	8.19	229.9	7.62
		63.4	273.1	9.43	263.7	9.13	255.2	8.94	249.8	8.57	243.2	8.19	229.9	7.42
		76.1	273.1	9.38	263.7	9.08	255.2	8.94	249.8	8.57	243.2	8.19	229.9	7.32
	113	20.3	273.1	10.24	263.7	9.35	255.2	8.86	249.8	8.46	243.2	8.09	229.9	7.27
		25.4	273.1	9.99	263.7	9.21	255.2	8.76	249.8	8.37	243.2	7.99	229.9	7.23
		50.7	273.1	8.98	263.7	8.68	255.2	8.37	249.8	7.99	243.2	7.62	229.9	7.04
		63.4	273.1	8.86	263.7	8.52	255.2	8.37	249.8	7.99	243.2	7.62	229.9	6.85
		76.1	273.1	8.80	263.7	8.44	255.2	8.37	249.8	7.99	243.2	7.62	229.9	6.75

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

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HEATING CAPACITY DATA

ARWN192BAS4, ARWB192BAS4

192,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
110	23	20.3	91.9	12.12	91.3	11.26	90.7	10.48	89.8	10.04	89.9	9.75	88.0	8.72
		25.4	95.0	12.32	94.4	11.48	93.8	10.72	92.8	10.25	93.0	9.96	91.0	8.91
		50.7	107.5	13.15	106.9	12.34	106.3	11.62	105.1	11.12	105.1	10.81	103.1	9.69
		63.4	118.7	14.00	117.9	13.19	117.3	12.52	116.2	12.01	116.2	11.65	113.7	10.44
		76.1	124.5	14.43	123.5	13.62	122.9	12.98	121.7	12.46	121.7	12.09	119.1	10.81
	32	20.3	164.2	16.58	160.6	15.87	157.3	15.35	154.2	14.71	152.8	14.29	147.0	12.78
		25.4	165.1	16.62	161.6	15.91	158.1	15.39	155.1	14.75	153.7	14.33	147.9	12.82
		50.7	169.0	16.78	165.4	16.06	161.8	15.58	158.7	14.93	157.3	14.49	151.3	12.98
		63.4	171.5	16.78	168.0	16.06	164.3	15.58	161.1	14.93	159.7	14.49	153.5	12.98
		76.1	172.9	16.78	169.3	16.06	165.6	15.58	162.4	14.93	161.0	14.49	154.6	12.98
	41	20.3	239.5	17.82	233.8	17.15	228.5	16.71	223.2	16.00	214.6	15.55	204.2	13.93
		25.4	240.3	17.90	234.3	17.23	228.5	16.80	223.2	16.09	214.6	15.63	204.2	14.00
		50.7	243.5	18.21	236.1	17.54	228.6	17.14	223.2	16.42	214.6	15.95	204.2	14.27
		63.4	245.0	18.34	236.7	17.67	228.6	17.25	223.2	16.54	214.6	16.06	204.2	14.38
		76.1	245.6	18.39	237.0	17.72	228.6	17.31	223.2	16.59	214.6	16.13	204.2	14.43
	50	20.3	240.5	15.98	234.4	15.43	228.1	15.10	222.9	14.59	214.2	14.11	203.9	12.68
		25.4	241.3	16.00	235.1	15.47	228.5	15.14	223.2	14.61	214.6	14.10	204.2	12.70
		50.7	245.0	16.13	237.5	15.66	229.9	15.32	224.6	14.69	216.0	14.05	205.1	12.76
		63.4	246.4	16.13	238.5	15.66	230.7	15.28	225.1	14.65	216.5	14.12	205.8	12.90
		76.1	247.0	16.13	239.0	15.66	231.1	15.26	225.3	14.63	216.6	14.15	206.1	12.96
	59	20.3	241.1	14.13	234.9	13.74	228.0	13.51	222.6	13.18	213.9	12.65	203.7	11.47
		25.4	242.1	14.12	235.7	13.74	228.6	13.51	223.2	13.13	214.6	12.56	204.2	11.42
		50.7	246.1	14.04	239.1	13.74	231.2	13.51	225.9	12.93	217.4	12.19	206.1	11.22
		63.4	247.5	13.94	240.3	13.63	232.5	13.33	226.7	12.76	218.1	12.19	207.4	11.42
		76.1	248.3	13.89	240.9	13.57	233.1	13.24	227.0	12.67	218.3	12.19	208.0	11.52
	68	20.3	245.6	12.20	238.9	11.92	231.2	11.62	225.0	11.42	216.8	11.09	205.3	10.38
		25.4	246.9	12.23	239.7	11.92	231.9	11.62	225.9	11.42	217.4	11.05	206.1	10.36
		50.7	252.2	12.32	242.9	11.92	234.5	11.62	229.3	11.42	220.0	10.85	209.4	10.28
		63.4	253.6	12.32	245.0	11.92	235.9	11.62	229.9	11.22	221.3	10.85	209.9	10.28
		76.1	254.3	12.32	245.9	11.92	236.6	11.62	230.2	11.12	221.8	10.85	210.3	10.28
	77	20.3	253.3	11.11	245.8	10.70	235.9	10.53	230.7	10.13	222.6	9.75	210.7	8.94
		25.4	253.8	11.09	245.8	10.65	235.9	10.47	230.7	10.08	222.6	9.71	210.7	8.94
		50.7	255.8	11.00	245.8	10.47	235.9	10.28	230.7	9.91	222.6	9.51	210.7	8.94
		63.4	257.0	11.00	245.8	10.52	235.9	10.08	230.7	9.91	222.6	9.33	210.7	8.76
		76.1	257.6	11.00	245.8	10.53	235.9	9.98	230.7	9.91	222.6	9.24	210.7	8.68
	86	20.3	257.0	10.13	245.8	9.75	235.9	9.38	230.7	9.19	222.6	8.62	210.7	8.04
		25.4	257.0	10.08	245.8	9.71	235.9	9.33	230.7	9.13	222.6	8.57	210.7	7.99
		50.7	257.0	9.91	245.8	9.51	235.9	9.13	230.7	8.94	222.6	8.37	210.7	7.79
		63.4	257.0	9.83	245.8	9.33	235.9	8.94	230.7	8.76	222.6	8.37	210.7	7.79
		76.1	257.0	9.78	245.8	9.24	235.9	8.84	230.7	8.68	222.6	8.37	210.7	7.79
	95	20.3	257.0	9.60	245.8	8.99	235.9	8.62	230.7	8.24	222.6	7.84	210.7	7.27
		25.4	257.0	9.51	245.8	8.94	235.9	8.57	230.7	8.19	222.6	7.79	210.7	7.23
		50.7	257.0	9.13	245.8	8.76	235.9	8.37	230.7	7.99	222.6	7.62	210.7	7.04
		63.4	257.0	8.90	245.8	8.57	235.9	8.19	230.7	7.99	222.6	7.62	210.7	7.04
		76.1	257.0	8.78	245.8	8.46	235.9	8.10	230.7	7.99	222.6	7.62	210.7	7.04
	104	20.3	257.0	9.04	245.8	8.66	235.9	8.09	230.7	7.67	222.6	7.27	210.7	6.70
		25.4	257.0	8.94	245.8	8.57	235.9	7.99	230.7	7.62	222.6	7.23	210.7	6.65
		50.7	257.0	8.57	245.8	8.19	235.9	7.62	230.7	7.42	222.6	7.04	210.7	6.48
		63.4	257.0	8.45	245.8	7.99	235.9	7.62	230.7	7.23	222.6	6.85	210.7	6.28
		76.1	257.0	8.38	245.8	7.90	235.9	7.62	230.7	7.12	222.6	6.75	210.7	6.18
	113	20.3	257.0	8.46	245.8	8.34	235.9	7.57	230.7	7.10	222.6	6.70	210.7	6.13
		25.4	257.0	8.37	245.8	8.19	235.9	7.42	230.7	7.04	222.6	6.65	210.7	6.09
		50.7	257.0	7.99	245.8	7.62	235.9	6.85	230.7	6.85	222.6	6.48	210.7	5.91
		63.4	257.0	7.99	245.8	7.42	235.9	7.04	230.7	6.48	222.6	6.09	210.7	5.51
		76.1	257.0	7.99	245.8	7.32	235.9	7.15	230.7	6.29	222.6	5.89	210.7	5.31

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN192BAS4, ARWB192BAS4

192,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
100	23	20.3	86.9	12.12	86.2	11.42	85.9	10.48	85.1	10.04	84.3	9.60	82.7	8.72
		25.4	89.8	12.32	89.3	11.64	88.8	10.72	88.0	10.25	87.2	9.80	85.6	8.91
		50.7	101.6	13.15	101.1	12.51	100.5	11.62	99.5	11.12	98.7	10.65	97.1	9.69
		63.4	112.3	14.00	111.5	13.37	110.9	12.52	109.9	12.01	109.1	11.48	107.1	10.44
		76.1	117.7	14.43	116.8	13.80	116.2	12.98	115.2	12.46	114.4	11.90	112.2	10.81
	32	20.3	155.2	16.58	151.8	16.08	148.6	15.35	146.1	14.71	143.4	14.08	138.4	12.78
		25.4	156.1	16.62	152.7	16.13	149.5	15.39	146.9	14.75	144.3	14.12	139.2	12.82
		50.7	159.7	16.78	156.3	16.28	152.9	15.58	150.3	14.93	147.7	14.27	142.4	12.98
		63.4	162.1	16.78	158.7	16.28	155.3	15.58	152.5	14.93	149.9	14.27	144.7	12.98
		76.1	163.4	16.78	160.0	16.28	156.5	15.58	153.6	14.93	151.0	14.27	145.8	12.98
	41	20.3	229.1	17.82	221.4	17.39	215.7	16.71	211.4	16.00	201.3	15.32	192.1	13.93
		25.4	229.9	17.90	221.8	17.46	215.8	16.80	211.4	16.09	201.3	15.39	192.1	14.00
		50.7	233.1	18.21	223.4	17.78	216.0	17.14	211.4	16.42	201.3	15.72	192.1	14.27
		63.4	234.5	18.34	224.0	17.90	216.0	17.25	211.4	16.54	201.3	15.81	192.1	14.38
		76.1	235.2	18.39	224.3	17.96	216.0	17.31	211.4	16.59	201.3	15.86	192.1	14.43
	50	20.3	230.3	15.94	222.1	15.58	216.0	15.10	211.4	14.59	201.3	13.87	192.1	12.68
		25.4	230.9	16.00	222.4	15.63	216.0	15.14	211.4	14.61	201.3	13.88	192.1	12.70
		50.7	233.1	16.30	223.7	15.83	216.0	15.32	211.4	14.69	201.3	13.94	192.1	12.76
		63.4	234.7	16.25	224.6	15.83	216.0	15.28	211.4	14.65	201.3	13.90	192.1	12.70
		76.1	235.5	16.22	225.1	15.83	216.0	15.26	211.4	14.63	201.3	13.88	192.1	12.67
	59	20.3	231.5	14.05	223.1	13.82	216.0	13.51	211.4	13.18	201.3	12.41	192.1	11.47
		25.4	231.9	14.12	223.2	13.82	216.0	13.51	211.4	13.13	201.3	12.37	192.1	11.42
		50.7	233.1	14.39	223.8	13.86	216.0	13.51	211.4	12.93	201.3	12.19	192.1	11.22
		63.4	235.1	14.16	225.1	13.74	216.0	13.33	211.4	12.76	201.3	11.99	192.1	11.05
		76.1	236.1	14.04	225.6	13.68	216.0	13.24	211.4	12.67	201.3	11.89	192.1	10.95
	68	20.3	232.8	12.01	224.3	11.70	216.0	11.42	211.4	11.27	201.3	10.53	192.1	10.00
		25.4	233.7	12.07	224.5	11.72	216.0	11.42	211.4	11.22	201.3	10.47	192.1	9.91
		50.7	237.1	12.29	225.1	11.75	216.0	11.42	211.4	11.05	201.3	10.28	192.1	9.51
		63.4	238.5	12.07	227.0	11.65	216.0	11.22	211.4	10.85	201.3	10.08	192.1	9.33
		76.1	239.2	11.96	228.0	11.61	216.0	11.12	211.4	10.75	201.3	9.98	192.1	9.24
	77	20.3	235.7	10.50	227.8	10.17	216.0	9.75	211.4	9.38	201.3	8.82	192.1	7.99
		25.4	236.5	10.52	227.8	10.12	216.0	9.71	211.4	9.33	201.3	8.76	192.1	7.99
		50.7	239.9	10.55	227.8	9.91	216.0	9.51	211.4	9.13	201.3	8.57	192.1	7.99
		63.4	241.1	10.32	227.8	9.83	216.0	9.33	211.4	8.94	201.3	8.57	192.1	7.79
		76.1	241.7	10.20	227.8	9.78	216.0	9.24	211.4	8.84	201.3	8.57	192.1	7.70
	86	20.3	241.1	9.55	227.8	8.82	216.0	8.21	211.4	8.04	201.3	7.42	192.1	7.10
		25.4	241.1	9.51	227.8	8.76	216.0	8.19	211.4	7.99	201.3	7.42	192.1	7.04
		50.7	241.1	9.33	227.8	8.57	216.0	8.12	211.4	7.79	201.3	7.42	192.1	6.85
		63.4	241.1	9.13	227.8	8.57	216.0	7.99	211.4	7.79	201.3	7.23	192.1	6.85
		76.1	241.1	9.04	227.8	8.57	216.0	7.93	211.4	7.79	201.3	7.12	192.1	6.85
	95	20.3	241.1	8.86	227.8	8.09	216.0	7.25	211.4	7.10	201.3	6.70	192.1	6.13
		25.4	241.1	8.76	227.8	7.99	216.0	7.23	211.4	7.04	201.3	6.65	192.1	6.09
		50.7	241.1	8.37	227.8	7.62	216.0	7.15	211.4	6.85	201.3	6.48	192.1	5.91
		63.4	241.1	8.37	227.8	7.62	216.0	7.04	211.4	6.85	201.3	6.48	192.1	5.91
		76.1	241.1	8.37	227.8	7.62	216.0	7.00	211.4	6.85	201.3	6.48	192.1	5.91
	104	20.3	241.1	8.29	227.8	7.52	216.0	6.50	211.4	6.33	201.3	5.95	192.1	5.56
		25.4	241.1	8.19	227.8	7.42	216.0	6.48	211.4	6.28	201.3	5.91	192.1	5.51
		50.7	241.1	7.79	227.8	7.04	216.0	6.40	211.4	6.09	201.3	5.72	192.1	5.33
		63.4	241.1	7.62	227.8	7.04	216.0	6.28	211.4	6.09	201.3	5.72	192.1	5.33
		76.1	241.1	7.53	227.8	7.04	216.0	6.22	211.4	6.09	201.3	5.72	192.1	5.33
	113	20.3	241.1	7.71	227.8	6.95	216.0	5.73	211.4	5.56	201.3	5.19	192.1	4.99
		25.4	241.1	7.62	227.8	6.85	216.0	5.72	211.4	5.51	201.3	5.14	192.1	4.94
		50.7	241.1	7.23	227.8	6.48	216.0	5.63	211.4	5.33	201.3	4.94	192.1	4.77
		63.4	241.1	6.85	227.8	6.48	216.0	5.51	211.4	5.33	201.3	4.94	192.1	4.77
		76.1	241.1	6.67	227.8	6.48	216.0	5.45	211.4	5.33	201.3	4.94	192.1	4.77

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN192BAS4, ARWB192BAS4
192,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
90	23	20.3	81.9	11.25	79.4	10.24	77.1	8.99	76.5	8.57	76.0	8.26	74.6	7.42
		25.4	84.8	11.44	82.2	10.44	79.8	9.19	79.2	8.76	78.6	8.45	77.1	7.58
		50.7	96.0	12.21	93.0	11.20	90.2	9.99	89.6	9.51	89.0	9.18	87.2	8.23
		63.4	106.1	12.98	102.7	11.99	99.7	10.77	98.9	10.25	98.2	9.88	96.5	8.88
		76.1	111.2	13.37	107.5	12.39	104.5	11.17	103.5	10.64	102.9	10.24	101.1	9.21
	32	20.3	146.6	15.32	139.8	14.38	133.4	13.20	131.5	12.59	129.3	12.12	124.5	10.88
		25.4	147.5	15.36	140.6	14.41	134.2	13.23	132.2	12.62	130.1	12.15	125.1	10.91
		50.7	150.9	15.52	143.8	14.57	137.4	13.37	135.2	12.76	133.0	12.29	128.2	11.03
		63.4	153.1	15.52	146.1	14.57	139.7	13.37	137.3	12.76	135.2	12.29	130.2	11.03
		76.1	154.2	15.52	147.2	14.57	140.8	13.37	138.2	12.76	136.3	12.29	131.2	11.03
	41	20.3	207.2	16.45	200.5	15.52	194.1	14.36	190.1	13.69	181.6	13.18	173.0	11.84
		25.4	207.4	16.52	200.3	15.59	194.1	14.43	190.1	13.76	181.6	13.26	173.0	11.89
		50.7	208.2	16.81	199.7	15.89	194.1	14.71	190.1	14.04	181.6	13.52	173.0	12.12
		63.4	209.4	16.92	200.3	15.99	194.1	14.83	190.1	14.13	181.6	13.63	173.0	12.23
		76.1	209.9	16.97	200.6	16.03	194.1	14.88	190.1	14.19	181.6	13.68	173.0	12.28
	50	20.3	208.3	14.52	201.1	13.80	194.1	13.00	190.1	12.47	181.6	11.96	173.0	10.78
		25.4	208.2	14.53	200.9	13.82	194.1	13.01	190.1	12.48	181.6	11.95	173.0	10.79
		50.7	207.8	14.57	200.0	13.88	194.1	13.07	190.1	12.54	181.6	11.92	173.0	10.83
		63.4	209.1	14.53	200.5	13.84	194.1	13.04	190.1	12.51	181.6	11.95	173.0	10.87
		76.1	209.9	14.51	200.8	13.82	194.1	13.01	190.1	12.48	181.6	11.97	173.0	10.89
	59	20.3	209.3	12.57	201.9	12.12	194.1	11.67	190.1	11.27	181.6	10.75	173.0	9.75
		25.4	209.0	12.52	201.6	12.07	194.1	11.62	190.1	11.22	181.6	10.65	173.0	9.71
		50.7	207.5	12.32	200.1	11.87	194.1	11.42	190.1	11.05	181.6	10.28	173.0	9.51
		63.4	209.0	12.15	200.8	11.70	194.1	11.22	190.1	10.85	181.6	10.28	173.0	9.51
		76.1	209.6	12.06	201.0	11.61	194.1	11.12	190.1	10.75	181.6	10.28	173.0	9.51
	68	20.3	210.6	10.61	202.7	10.31	194.1	9.95	190.1	9.55	181.6	9.23	173.0	8.66
		25.4	210.4	10.61	202.4	10.28	194.1	9.91	190.1	9.51	181.6	9.13	173.0	8.57
		50.7	209.6	10.61	200.8	10.16	194.1	9.71	190.1	9.33	181.6	8.76	173.0	8.19
		63.4	210.2	10.44	201.3	10.08	194.1	9.71	190.1	9.33	181.6	8.76	173.0	8.19
		76.1	210.4	10.35	201.6	10.05	194.1	9.71	190.1	9.33	181.6	8.76	173.0	8.19
	77	20.3	214.1	9.27	205.3	8.79	194.1	8.41	190.1	7.99	181.6	7.67	173.0	7.10
		25.4	214.6	9.25	205.3	8.76	194.1	8.37	190.1	7.99	181.6	7.62	173.0	7.04
		50.7	216.6	9.18	205.3	8.68	194.1	8.19	190.1	7.99	181.6	7.42	173.0	6.85
		63.4	217.4	8.94	205.3	8.49	194.1	8.19	190.1	7.79	181.6	7.42	173.0	6.85
		76.1	217.8	8.82	205.3	8.38	194.1	8.19	190.1	7.70	181.6	7.42	173.0	6.85
	86	20.3	217.4	8.41	205.3	7.84	194.1	7.27	190.1	7.10	181.6	6.70	173.0	6.09
		25.4	217.4	8.37	205.3	7.79	194.1	7.23	190.1	7.04	181.6	6.65	173.0	6.09
		50.7	217.4	8.19	205.3	7.62	194.1	7.04	190.1	6.85	181.6	6.48	173.0	6.09
		63.4	217.4	7.99	205.3	7.42	194.1	7.04	190.1	6.85	181.6	6.48	173.0	5.91
		76.1	217.4	7.90	205.3	7.32	194.1	7.04	190.1	6.85	181.6	6.48	173.0	5.81
	95	20.3	217.4	7.67	205.3	7.10	194.1	6.53	190.1	6.33	181.6	5.95	173.0	5.56
		25.4	217.4	7.62	205.3	7.04	194.1	6.48	190.1	6.28	181.6	5.91	173.0	5.51
		50.7	217.4	7.42	205.3	6.85	194.1	6.28	190.1	6.09	181.6	5.72	173.0	5.33
		63.4	217.4	7.23	205.3	6.65	194.1	6.09	190.1	5.91	181.6	5.72	173.0	5.33
		76.1	217.4	7.12	205.3	6.56	194.1	5.98	190.1	5.81	181.6	5.72	173.0	5.33
	104	20.3	217.4	7.15	205.3	6.53	194.1	5.76	190.1	5.56	181.6	5.39	173.0	4.99
		25.4	217.4	7.04	205.3	6.48	194.1	5.72	190.1	5.51	181.6	5.33	173.0	4.94
		50.7	217.4	6.65	205.3	6.28	194.1	5.51	190.1	5.33	181.6	5.14	173.0	4.77
		63.4	217.4	6.65	205.3	6.28	194.1	5.51	190.1	5.33	181.6	5.14	173.0	4.77
		76.1	217.4	6.65	205.3	6.28	194.1	5.51	190.1	5.33	181.6	5.14	173.0	4.77
	113	20.3	217.4	6.62	205.3	5.95	194.1	4.99	190.1	4.81	181.6	4.81	173.0	4.41
		25.4	217.4	6.48	205.3	5.91	194.1	4.94	190.1	4.77	181.6	4.77	173.0	4.38
		50.7	217.4	5.91	205.3	5.72	194.1	4.77	190.1	4.57	181.6	4.57	173.0	4.19
		63.4	217.4	6.09	205.3	5.91	194.1	4.94	190.1	4.77	181.6	4.57	173.0	4.19
		76.1	217.4	6.17	205.3	6.01	194.1	5.03	190.1	4.86	181.6	4.57	173.0	4.19

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

Due to our policy of continuous product innovation, some specifications may change without notification.
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HEATING CAPACITY DATA

ARWN192BAS4, ARWB192BAS4

192,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
80	23	20.3	77.6	8.01	72.6	7.71	68.8	7.38	68.0	7.13	67.5	6.81	66.2	6.26
		25.4	80.2	8.19	75.2	7.88	71.2	7.54	70.4	7.29	69.9	6.95	68.5	6.40
		50.7	90.6	8.90	85.0	8.54	80.3	8.17	79.5	7.90	79.2	7.54	77.6	6.93
		63.4	100.3	9.58	93.8	9.21	88.8	8.82	87.8	8.52	87.4	8.13	85.6	7.48
		76.1	105.1	9.94	98.3	9.55	93.1	9.15	92.0	8.85	91.5	8.43	89.6	7.76
	32	20.3	138.4	11.76	127.7	11.28	118.9	10.81	116.6	10.44	115.0	9.95	110.7	9.17
		25.4	139.2	11.79	128.3	11.32	119.5	10.85	117.3	10.47	115.7	9.99	111.3	9.19
		50.7	142.7	11.93	131.4	11.46	122.4	10.97	120.2	10.59	118.6	10.10	113.9	9.30
		63.4	144.7	11.93	133.4	11.46	124.3	10.97	121.9	10.59	120.3	10.10	115.7	9.30
		76.1	145.7	11.93	134.4	11.46	125.4	10.97	122.9	10.59	121.3	10.10	116.6	9.30
	41	20.3	191.5	12.79	180.7	12.31	172.8	11.75	169.0	11.36	161.8	10.83	153.7	9.97
		25.4	191.9	12.85	181.0	12.37	172.8	11.81	169.0	11.42	161.8	10.89	153.7	10.02
		50.7	193.5	13.13	182.4	12.60	173.0	12.07	169.0	11.65	161.8	11.11	153.7	10.24
		63.4	193.5	13.21	182.2	12.70	173.0	12.15	169.0	11.73	161.8	11.19	153.7	10.30
		76.1	193.5	13.26	182.1	12.75	173.0	12.19	169.0	11.78	161.8	11.22	153.7	10.33
	50	20.3	192.5	11.77	181.4	11.23	172.8	10.67	169.0	10.37	161.8	9.82	153.7	9.10
		25.4	192.7	11.75	181.6	11.22	172.8	10.67	169.0	10.38	161.8	9.83	153.7	9.10
		50.7	193.5	11.70	182.4	11.17	173.0	10.69	169.0	10.39	161.8	9.85	153.7	9.11
		63.4	193.5	11.65	182.2	11.20	173.0	10.73	169.0	10.33	161.8	9.78	153.7	9.05
		76.1	193.5	11.64	182.1	11.22	173.0	10.75	169.0	10.31	161.8	9.75	153.7	9.02
	59	20.3	193.5	10.75	182.2	10.17	173.0	9.55	169.0	9.38	161.8	8.82	153.7	8.24
		25.4	193.5	10.65	182.2	10.08	173.0	9.51	169.0	9.33	161.8	8.76	153.7	8.19
		50.7	193.5	10.28	182.2	9.71	173.0	9.33	169.0	9.13	161.8	8.57	153.7	7.99
		63.4	193.5	10.08	182.2	9.71	173.0	9.33	169.0	8.94	161.8	8.37	153.7	7.79
		76.1	193.5	9.98	182.2	9.71	173.0	9.33	169.0	8.84	161.8	8.27	153.7	7.70
	68	20.3	193.5	8.99	182.2	8.62	173.0	8.19	169.0	8.04	161.8	7.67	153.7	7.10
		25.4	193.5	8.94	182.2	8.57	173.0	8.19	169.0	7.99	161.8	7.62	153.7	7.04
		50.7	193.5	8.76	182.2	8.37	173.0	8.19	169.0	7.79	161.8	7.42	153.7	6.85
		63.4	193.5	8.57	182.2	8.19	173.0	7.99	169.0	7.79	161.8	7.23	153.7	6.85
		76.1	193.5	8.46	182.2	8.10	173.0	7.90	169.0	7.79	161.8	7.12	153.7	6.85
	77	20.3	193.5	8.04	182.2	7.48	173.0	7.04	169.0	6.90	161.8	6.53	153.7	6.13
		25.4	193.5	7.99	182.2	7.42	173.0	7.04	169.0	6.85	161.8	6.48	153.7	6.09
		50.7	193.5	7.79	182.2	7.23	173.0	7.04	169.0	6.65	161.8	6.28	153.7	5.91
		63.4	193.5	7.62	182.2	7.23	173.0	6.85	169.0	6.65	161.8	6.28	153.7	5.91
		76.1	193.5	7.53	182.2	7.23	173.0	6.75	169.0	6.65	161.8	6.28	153.7	5.91
	86	20.3	193.5	7.10	182.2	6.70	173.0	6.33	169.0	6.13	161.8	5.76	153.7	5.39
		25.4	193.5	7.04	182.2	6.65	173.0	6.28	169.0	6.09	161.8	5.72	153.7	5.33
		50.7	193.5	6.85	182.2	6.48	173.0	6.09	169.0	5.91	161.8	5.51	153.7	5.14
		63.4	193.5	6.85	182.2	6.48	173.0	6.09	169.0	5.91	161.8	5.51	153.7	5.14
		76.1	193.5	6.85	182.2	6.48	173.0	6.09	169.0	5.91	161.8	5.51	153.7	5.14
	95	20.3	193.5	6.53	182.2	6.13	173.0	5.56	169.0	5.33	161.8	5.19	153.7	4.77
		25.4	193.5	6.48	182.2	6.09	173.0	5.51	169.0	5.33	161.8	5.14	153.7	4.77
		50.7	193.5	6.28	182.2	5.91	173.0	5.33	169.0	5.33	161.8	4.94	153.7	4.77
		63.4	193.5	6.28	182.2	5.72	173.0	5.33	169.0	5.14	161.8	4.94	153.7	4.57
		76.1	193.5	6.28	182.2	5.61	173.0	5.33	169.0	5.03	161.8	4.94	153.7	4.47
	104	20.3	193.5	6.18	182.2	5.56	173.0	4.94	169.0	4.99	161.8	4.57	153.7	4.41
		25.4	193.5	6.09	182.2	5.51	173.0	4.94	169.0	4.94	161.8	4.57	153.7	4.38
		50.7	193.5	5.72	182.2	5.33	173.0	4.94	169.0	4.77	161.8	4.57	153.7	4.19
		63.4	193.5	5.72	182.2	5.33	173.0	4.77	169.0	4.77	161.8	4.57	153.7	4.19
		76.1	193.5	5.72	182.2	5.33	173.0	4.67	169.0	4.77	161.8	4.57	153.7	4.19
	113	20.3	193.5	5.86	182.2	4.99	173.0	4.32	169.0	4.66	161.8	3.94	153.7	4.10
		25.4	193.5	5.72	182.2	4.94	173.0	4.38	169.0	4.57	161.8	4.00	153.7	4.00
		50.7	193.5	5.14	182.2	4.77	173.0	4.57	169.0	4.19	161.8	4.19	153.7	3.63
		63.4	193.5	5.14	182.2	4.94	173.0	4.19	169.0	4.38	161.8	4.19	153.7	3.80
		76.1	193.5	5.14	182.2	5.03	173.0	4.00	169.0	4.46	161.8	4.19	153.7	3.89

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN192BAS4, ARWB192BAS4

192,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
70	23	20.3	67.5	6.88	63.5	6.55	60.0	6.34	59.5	5.97	59.0	5.76	58.1	5.24
		25.4	69.9	7.03	65.7	6.70	62.1	6.48	61.5	6.11	61.1	5.89	60.0	5.36
		50.7	79.2	7.62	74.4	7.26	70.1	7.03	69.6	6.62	69.1	6.37	67.9	5.81
		63.4	87.7	8.23	82.2	7.84	77.6	7.58	77.0	7.12	76.3	6.89	74.9	6.26
		76.1	91.8	8.54	86.1	8.12	81.3	7.85	80.7	7.39	80.0	7.15	78.5	6.49
	32	20.3	121.1	10.07	111.8	9.60	103.9	9.28	102.1	8.74	100.5	8.44	96.9	7.68
		25.4	121.8	10.10	112.5	9.63	104.5	9.32	102.7	8.76	101.1	8.46	97.4	7.70
		50.7	124.6	10.22	115.2	9.72	106.9	9.43	105.1	8.86	103.5	8.57	99.7	7.78
		63.4	126.4	10.22	117.0	9.72	108.5	9.43	106.7	8.86	105.1	8.57	101.3	7.78
		76.1	127.3	10.22	117.9	9.72	109.3	9.43	107.5	8.86	105.9	8.57	102.1	7.78
	41	20.3	167.2	10.97	158.4	10.44	150.9	10.11	147.7	9.52	141.1	9.19	134.4	8.35
		25.4	167.5	11.03	158.7	10.50	150.9	10.16	147.7	9.57	141.1	9.24	134.4	8.38
		50.7	169.0	11.25	160.0	10.72	151.1	10.38	147.7	9.75	141.1	9.43	134.4	8.57
		63.4	169.0	11.32	159.7	10.79	151.1	10.45	147.7	9.83	141.1	9.49	134.4	8.63
		76.1	169.0	11.36	159.7	10.83	151.1	10.50	147.7	9.86	141.1	9.52	134.4	8.65
	50	20.3	168.0	10.10	159.0	9.55	151.1	9.19	147.7	8.68	141.1	8.33	134.4	7.62
		25.4	168.2	10.08	159.2	9.53	151.1	9.18	147.7	8.68	141.1	8.33	134.4	7.62
		50.7	169.0	10.00	159.7	9.45	151.1	9.10	147.7	8.68	141.1	8.33	134.4	7.62
		63.4	169.0	10.05	159.7	9.49	151.1	9.13	147.7	8.72	141.1	8.27	134.4	7.64
		76.1	169.0	10.06	159.7	9.51	151.1	9.16	147.7	8.74	141.1	8.24	134.4	7.65
	59	20.3	169.0	9.23	159.7	8.66	151.1	8.29	147.7	7.84	141.1	7.48	134.4	6.90
		25.4	169.0	9.13	159.7	8.57	151.1	8.19	147.7	7.79	141.1	7.42	134.4	6.85
		50.7	169.0	8.76	159.7	8.19	151.1	7.79	147.7	7.62	141.1	7.23	134.4	6.65
		63.4	169.0	8.76	159.7	8.19	151.1	7.79	147.7	7.62	141.1	7.04	134.4	6.65
		76.1	169.0	8.76	159.7	8.19	151.1	7.79	147.7	7.62	141.1	6.96	134.4	6.65
	68	20.3	169.0	7.67	159.7	7.27	151.1	7.10	147.7	6.90	141.1	6.53	134.4	6.13
		25.4	169.0	7.62	159.7	7.23	151.1	7.04	147.7	6.85	141.1	6.48	134.4	6.09
		50.7	169.0	7.42	159.7	7.04	151.1	6.85	147.7	6.65	141.1	6.28	134.4	5.91
		63.4	169.0	7.42	159.7	7.04	151.1	6.85	147.7	6.48	141.1	6.28	134.4	5.72
		76.1	169.0	7.42	159.7	7.04	151.1	6.85	147.7	6.39	141.1	6.28	134.4	5.61
	77	20.3	169.0	6.90	159.7	6.53	151.1	6.13	147.7	5.95	141.1	5.51	134.4	5.14
		25.4	169.0	6.85	159.7	6.48	151.1	6.09	147.7	5.91	141.1	5.51	134.4	5.14
		50.7	169.0	6.65	159.7	6.28	151.1	5.91	147.7	5.72	141.1	5.51	134.4	5.14
		63.4	169.0	6.48	159.7	6.09	151.1	5.91	147.7	5.72	141.1	5.33	134.4	5.14
		76.1	169.0	6.39	159.7	5.98	151.1	5.91	147.7	5.72	141.1	5.25	134.4	5.14
	86	20.3	169.0	6.13	159.7	5.76	151.1	5.39	147.7	5.14	141.1	4.99	134.4	4.57
		25.4	169.0	6.09	159.7	5.72	151.1	5.33	147.7	5.14	141.1	4.94	134.4	4.57
		50.7	169.0	5.91	159.7	5.51	151.1	5.14	147.7	5.14	141.1	4.77	134.4	4.57
		63.4	169.0	5.91	159.7	5.51	151.1	5.14	147.7	4.94	141.1	4.77	134.4	4.57
		76.1	169.0	5.91	159.7	5.51	151.1	5.14	147.7	4.84	141.1	4.77	134.4	4.57
	95	20.3	169.0	5.56	159.7	5.19	151.1	4.77	147.7	4.81	141.1	4.38	134.4	4.24
		25.4	169.0	5.51	159.7	5.14	151.1	4.77	147.7	4.77	141.1	4.38	134.4	4.19
		50.7	169.0	5.33	159.7	4.94	151.1	4.77	147.7	4.57	141.1	4.38	134.4	4.00
		63.4	169.0	5.33	159.7	4.94	151.1	4.57	147.7	4.57	141.1	4.38	134.4	4.00
		76.1	169.0	5.33	159.7	4.94	151.1	4.47	147.7	4.57	141.1	4.38	134.4	4.00
	104	20.3	169.0	5.19	159.7	4.81	151.1	4.41	147.7	4.19	141.1	4.00	134.4	3.85
		25.4	169.0	5.14	159.7	4.77	151.1	4.38	147.7	4.19	141.1	4.00	134.4	3.80
		50.7	169.0	4.94	159.7	4.57	151.1	4.19	147.7	4.19	141.1	4.00	134.4	3.63
		63.4	169.0	4.94	159.7	4.57	151.1	4.19	147.7	4.00	141.1	3.80	134.4	3.63
		76.1	169.0	4.94	159.7	4.57	151.1	4.19	147.7	3.90	141.1	3.71	134.4	3.63
	113	20.3	169.0	4.81	159.7	4.41	151.1	4.10	147.7	3.58	141.1	3.63	134.4	3.47
		25.4	169.0	4.77	159.7	4.38	151.1	4.00	147.7	3.63	141.1	3.63	134.4	3.43
		50.7	169.0	4.57	159.7	4.19	151.1	3.63	147.7	3.80	141.1	3.63	134.4	3.23
		63.4	169.0	4.57	159.7	4.19	151.1	3.80	147.7	3.43	141.1	3.23	134.4	3.23
		76.1	169.0	4.57	159.7	4.19	151.1	3.89	147.7	3.24	141.1	3.04	134.4	3.23

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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MULTI V WATER IV

HEATING CAPACITY DATA

ARWN192BAS4, ARWB192BAS4

192,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
60	23	20.3	58.1	5.59	54.4	5.37	51.5	5.16	50.9	4.80	50.7	4.72	49.7	4.22
		25.4	60.0	5.72	56.3	5.50	53.3	5.28	52.6	4.91	52.5	4.83	51.4	4.31
		50.7	68.1	6.20	63.7	5.97	60.3	5.73	59.7	5.31	59.5	5.24	58.3	4.69
		63.4	75.2	6.67	70.4	6.44	66.7	6.18	65.9	5.75	65.7	5.65	64.3	5.05
		76.1	78.7	6.92	73.6	6.68	69.9	6.41	69.1	5.97	68.8	5.86	67.4	5.22
	32	20.3	103.9	8.18	95.7	7.90	89.3	7.56	87.5	7.03	86.3	6.93	83.2	6.19
		25.4	104.5	8.21	96.3	7.91	89.8	7.58	88.0	7.04	86.9	6.95	83.5	6.20
		50.7	106.9	8.31	98.4	7.99	92.0	7.68	90.1	7.12	88.8	7.03	85.4	6.26
		63.4	108.5	8.31	100.0	7.99	93.4	7.68	91.4	7.12	90.2	7.03	86.9	6.26
		76.1	109.3	8.31	100.8	7.99	94.1	7.68	92.1	7.12	90.9	7.03	87.5	6.26
	41	20.3	143.5	8.91	135.4	8.58	129.8	8.23	126.6	7.66	121.1	7.54	115.4	6.72
		25.4	143.8	8.96	135.7	8.63	129.8	8.27	126.6	7.70	121.1	7.58	115.4	6.75
		50.7	145.1	9.13	136.6	8.80	129.8	8.45	126.6	7.85	121.1	7.74	115.4	6.89
		63.4	145.1	9.21	136.5	8.86	129.8	8.51	126.6	7.91	121.1	7.78	115.4	6.95
		76.1	145.1	9.25	136.3	8.89	129.8	8.54	126.6	7.95	121.1	7.79	115.4	6.98
	50	20.3	144.3	8.19	135.9	7.84	129.8	7.46	126.6	6.97	121.1	6.84	115.4	6.12
		25.4	144.5	8.19	136.0	7.84	129.8	7.46	126.6	6.99	121.1	6.84	115.4	6.14
		50.7	145.1	8.19	136.6	7.84	129.8	7.46	126.6	7.07	121.1	6.81	115.4	6.20
		63.4	145.1	8.21	136.5	7.76	129.8	7.38	126.6	6.99	121.1	6.75	115.4	6.14
		76.1	145.1	8.22	136.3	7.71	129.8	7.34	126.6	6.95	121.1	6.73	115.4	6.11
	59	20.3	145.1	7.48	136.5	7.10	129.8	6.70	126.6	6.28	121.1	6.13	115.4	5.51
		25.4	145.1	7.42	136.5	7.04	129.8	6.65	126.6	6.28	121.1	6.09	115.4	5.51
		50.7	145.1	7.23	136.5	6.85	129.8	6.48	126.6	6.28	121.1	5.91	115.4	5.51
		63.4	145.1	7.23	136.5	6.65	129.8	6.28	126.6	6.09	121.1	5.72	115.4	5.33
		76.1	145.1	7.23	136.5	6.56	129.8	6.18	126.6	5.98	121.1	5.61	115.4	5.25
	68	20.3	145.1	6.53	136.5	6.13	129.8	5.76	126.6	5.56	121.1	5.39	115.4	4.99
		25.4	145.1	6.48	136.5	6.09	129.8	5.72	126.6	5.51	121.1	5.33	115.4	4.94
		50.7	145.1	6.28	136.5	5.91	129.8	5.51	126.6	5.33	121.1	5.14	115.4	4.77
		63.4	145.1	6.28	136.5	5.91	129.8	5.51	126.6	5.33	121.1	5.14	115.4	4.77
		76.1	145.1	6.28	136.5	5.91	129.8	5.51	126.6	5.33	121.1	5.14	115.4	4.77
	77	20.3	145.1	5.76	136.5	5.39	129.8	4.94	126.6	4.99	121.1	4.57	115.4	4.41
		25.4	145.1	5.72	136.5	5.33	129.8	4.94	126.6	4.94	121.1	4.57	115.4	4.38
		50.7	145.1	5.51	136.5	5.14	129.8	4.94	126.6	4.77	121.1	4.57	115.4	4.19
		63.4	145.1	5.51	136.5	5.14	129.8	4.77	126.6	4.77	121.1	4.57	115.4	4.19
		76.1	145.1	5.51	136.5	5.14	129.8	4.67	126.6	4.77	121.1	4.57	115.4	4.19
	86	20.3	145.1	5.19	136.5	4.81	129.8	4.61	126.6	4.41	121.1	4.24	115.4	4.05
		25.4	145.1	5.14	136.5	4.77	129.8	4.57	126.6	4.38	121.1	4.19	115.4	4.00
		50.7	145.1	4.94	136.5	4.57	129.8	4.38	126.6	4.19	121.1	4.00	115.4	3.80
		63.4	145.1	4.94	136.5	4.57	129.8	4.38	126.6	4.19	121.1	4.00	115.4	3.80
		76.1	145.1	4.94	136.5	4.57	129.8	4.38	126.6	4.19	121.1	4.00	115.4	3.80
	95	20.3	145.1	4.57	136.5	4.41	129.8	4.00	126.6	4.05	121.1	3.85	115.4	3.68
		25.4	145.1	4.57	136.5	4.38	129.8	4.00	126.6	4.00	121.1	3.80	115.4	3.63
		50.7	145.1	4.57	136.5	4.19	129.8	4.00	126.6	3.80	121.1	3.63	115.4	3.43
		63.4	145.1	4.57	136.5	4.19	129.8	3.80	126.6	3.80	121.1	3.63	115.4	3.43
		76.1	145.1	4.57	136.5	4.19	129.8	3.71	126.6	3.80	121.1	3.63	115.4	3.43
	104	20.3	145.1	4.19	136.5	4.05	129.8	3.63	126.6	3.68	121.1	3.47	115.4	3.23
		25.4	145.1	4.19	136.5	4.00	129.8	3.63	126.6	3.63	121.1	3.43	115.4	3.23
		50.7	145.1	4.19	136.5	3.80	129.8	3.63	126.6	3.43	121.1	3.23	115.4	3.23
		63.4	145.1	4.19	136.5	3.80	129.8	3.63	126.6	3.43	121.1	3.23	115.4	3.23
		76.1	145.1	4.19	136.5	3.80	129.8	3.63	126.6	3.43	121.1	3.23	115.4	3.23
	113	20.3	145.1	3.80	136.5	3.68	129.8	3.23	126.6	3.27	121.1	3.10	115.4	2.80
		25.4	145.1	3.80	136.5	3.63	129.8	3.23	126.6	3.23	121.1	3.05	115.4	2.85
		50.7	145.1	3.80	136.5	3.43	129.8	3.23	126.6	3.05	121.1	2.85	115.4	3.05
		63.4	145.1	3.80	136.5	3.43	129.8	3.43	126.6	3.05	121.1	2.85	115.4	3.05
		76.1	145.1	3.80	136.5	3.43	129.8	3.52	126.6	3.05	121.1	2.85	115.4	3.05

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN192BAS4, ARWB192BAS4

192,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
50	23	20.3	48.5	4.46	45.5	4.22	42.9	3.99	42.4	3.77	42.1	3.54	41.4	3.35
		25.4	50.1	4.55	47.0	4.31	44.5	4.08	43.8	3.86	43.7	3.63	42.7	3.43
		50.7	56.5	4.92	53.1	4.69	50.2	4.41	49.6	4.19	49.4	3.94	48.5	3.71
		63.4	62.5	5.31	58.7	5.05	55.5	4.77	54.9	4.53	54.4	4.24	53.6	4.00
		76.1	65.6	5.52	61.5	5.22	58.1	4.94	57.5	4.69	57.0	4.38	56.3	4.14
	32	20.3	86.3	6.53	79.9	6.19	74.3	5.83	72.7	5.53	71.7	5.20	69.1	4.91
		25.4	86.9	6.54	80.3	6.20	74.7	5.84	73.1	5.55	72.2	5.22	69.6	4.92
		50.7	88.8	6.59	82.2	6.26	76.5	5.92	74.9	5.63	73.9	5.28	71.2	4.98
		63.4	90.2	6.59	83.4	6.26	77.6	5.92	76.2	5.63	74.9	5.28	72.3	4.98
		76.1	90.9	6.59	84.0	6.26	78.1	5.92	76.8	5.63	75.5	5.28	73.0	4.98
	41	20.3	119.3	7.09	113.1	6.72	107.8	6.34	105.3	6.03	100.6	5.67	96.0	5.33
		25.4	119.5	7.12	113.3	6.75	107.9	6.37	105.3	6.06	100.6	5.69	96.0	5.36
		50.7	120.5	7.26	114.1	6.89	108.1	6.51	105.3	6.18	100.6	5.79	96.0	5.47
		63.4	120.5	7.32	113.9	6.95	108.1	6.56	105.3	6.22	100.6	5.84	96.0	5.51
		76.1	120.5	7.35	113.8	6.98	108.1	6.58	105.3	6.25	100.6	5.88	96.0	5.53
	50	20.3	120.0	6.53	113.4	6.15	107.8	5.78	105.3	5.53	100.6	5.11	96.0	4.88
		25.4	120.2	6.51	113.6	6.14	107.9	5.77	105.3	5.51	100.6	5.12	96.0	4.86
		50.7	120.5	6.48	114.1	6.12	108.1	5.73	105.3	5.47	100.6	5.17	96.0	4.83
		63.4	120.5	6.51	113.9	6.14	108.1	5.75	105.3	5.50	100.6	5.10	96.0	4.84
		76.1	120.5	6.54	113.8	6.15	108.1	5.76	105.3	5.50	100.6	5.06	96.0	4.86
	59	20.3	120.5	5.95	113.9	5.56	108.1	5.19	105.3	4.99	100.6	4.57	96.0	4.41
		25.4	120.5	5.91	113.9	5.51	108.1	5.14	105.3	4.94	100.6	4.57	96.0	4.38
		50.7	120.5	5.72	113.9	5.33	108.1	4.94	105.3	4.77	100.6	4.57	96.0	4.19
		63.4	120.5	5.72	113.9	5.33	108.1	4.94	105.3	4.77	100.6	4.38	96.0	4.19
		76.1	120.5	5.72	113.9	5.33	108.1	4.94	105.3	4.77	100.6	4.27	96.0	4.19
	68	20.3	120.5	5.19	113.9	4.81	108.1	4.61	105.3	4.41	100.6	4.24	96.0	3.80
		25.4	120.5	5.14	113.9	4.77	108.1	4.57	105.3	4.38	100.6	4.19	96.0	3.80
		50.7	120.5	4.94	113.9	4.57	108.1	4.38	105.3	4.19	100.6	4.00	96.0	3.80
		63.4	120.5	4.94	113.9	4.57	108.1	4.38	105.3	4.19	100.6	4.00	96.0	3.80
		76.1	120.5	4.94	113.9	4.57	108.1	4.38	105.3	4.19	100.6	4.00	96.0	3.80
	77	20.3	120.5	4.61	113.9	4.19	108.1	4.05	105.3	3.80	100.6	3.63	96.0	3.43
		25.4	120.5	4.57	113.9	4.19	108.1	4.00	105.3	3.80	100.6	3.63	96.0	3.43
		50.7	120.5	4.38	113.9	4.19	108.1	3.80	105.3	3.80	100.6	3.63	96.0	3.43
		63.4	120.5	4.38	113.9	4.19	108.1	3.80	105.3	3.80	100.6	3.63	96.0	3.43
		76.1	120.5	4.38	113.9	4.19	108.1	3.80	105.3	3.80	100.6	3.63	96.0	3.43
	86	20.3	120.5	4.24	113.9	3.85	108.1	3.68	105.3	3.43	100.6	3.47	96.0	3.27
		25.4	120.5	4.19	113.9	3.80	108.1	3.63	105.3	3.43	100.6	3.43	96.0	3.23
		50.7	120.5	4.00	113.9	3.63	108.1	3.43	105.3	3.43	100.6	3.23	96.0	3.05
		63.4	120.5	4.00	113.9	3.63	108.1	3.43	105.3	3.43	100.6	3.23	96.0	3.05
		76.1	120.5	4.00	113.9	3.63	108.1	3.43	105.3	3.43	100.6	3.23	96.0	3.05
	95	20.3	120.5	3.85	113.9	3.43	108.1	3.23	105.3	3.27	100.6	3.05	96.0	2.85
		25.4	120.5	3.80	113.9	3.43	108.1	3.23	105.3	3.23	100.6	3.05	96.0	2.85
		50.7	120.5	3.63	113.9	3.43	108.1	3.23	105.3	3.05	100.6	3.05	96.0	2.85
		63.4	120.5	3.63	113.9	3.43	108.1	3.23	105.3	3.05	100.6	3.05	96.0	2.85
		76.1	120.5	3.63	113.9	3.43	108.1	3.23	105.3	3.05	100.6	3.05	96.0	2.85
	104	20.3	120.5	3.47	113.9	3.27	108.1	3.10	105.3	2.85	100.6	2.90	96.0	2.66
		25.4	120.5	3.43	113.9	3.23	108.1	3.05	105.3	2.85	100.6	2.85	96.0	2.66
		50.7	120.5	3.23	113.9	3.05	108.1	2.85	105.3	2.85	100.6	2.66	96.0	2.66
		63.4	120.5	3.23	113.9	3.05	108.1	2.85	105.3	2.85	100.6	2.66	96.0	2.66
		76.1	120.5	3.23	113.9	3.05	108.1	2.85	105.3	2.85	100.6	2.66	96.0	2.66
	113	20.3	120.5	3.10	113.9	3.15	108.1	2.95	105.3	2.43	100.6	2.76	96.0	2.48
		25.4	120.5	3.05	113.9	3.05	108.1	2.85	105.3	2.48	100.6	2.66	96.0	2.48
		50.7	120.5	2.85	113.9	2.66	108.1	2.48	105.3	2.66	100.6	2.29	96.0	2.48
		63.4	120.5	2.85	113.9	2.66	108.1	2.48	105.3	2.66	100.6	2.29	96.0	2.48
		76.1	120.5	2.85	113.9	2.66	108.1	2.48	105.3	2.66	100.6	2.29	96.0	2.48

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN240BAS4, ARWB240BAS4
240,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air temperature (°F DB)											
			61		65		68		70		72		75	
			TC MBh	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]
130	23	24.3	127.8	15.4	126.8	14.5	126.0	13.5	124.4	13.1	125.8	12.7	122.4	11.4
		30.4	132.2	15.6	131.2	14.7	130.4	13.8	128.6	13.3	130.2	13.0	126.6	11.7
		60.8	149.4	16.7	148.2	15.8	147.4	14.9	145.4	14.5	147.2	14.1	143.4	12.6
		76.0	165.2	17.7	163.8	16.9	162.8	16.1	160.8	15.6	162.8	15.2	158.4	13.6
		91.2	173.2	18.3	171.6	17.5	170.4	16.7	168.4	16.2	170.6	15.8	166.0	14.1
	32	24.3	228.2	21.0	223.0	20.4	218.2	19.7	213.4	19.2	214.2	18.6	204.4	16.7
		30.4	229.6	21.1	224.2	20.4	219.6	19.8	214.8	19.2	215.4	18.7	205.8	16.7
		60.8	235.0	21.3	229.4	20.6	224.6	20.0	219.8	19.4	220.6	18.9	210.8	16.9
		76.0	238.6	21.3	232.8	20.6	228.0	20.0	223.0	19.4	223.8	18.9	213.8	16.9
		91.2	240.4	21.3	234.6	20.6	229.8	20.0	224.6	19.4	225.4	18.9	215.2	16.9
	41	24.3	328.6	22.6	323.6	22.0	317.0	21.5	309.0	20.8	300.6	20.3	284.0	18.2
		30.4	329.8	22.7	324.2	22.1	317.0	21.6	309.0	21.0	300.6	20.4	284.0	18.2
		60.8	334.2	23.1	326.6	22.5	317.2	22.0	309.0	21.4	300.6	20.8	284.0	18.6
		76.0	336.4	23.2	327.6	22.7	317.2	22.1	309.0	21.5	300.6	20.9	284.0	18.8
		91.2	337.4	23.3	328.0	22.7	317.2	22.2	309.0	21.6	300.6	21.0	284.0	18.8
	50	24.3	329.0	20.5	323.8	19.8	316.0	19.5	307.6	19.0	299.4	18.4	283.0	16.6
		30.4	331.0	20.5	325.2	19.9	317.2	19.5	309.0	19.0	300.6	18.4	284.0	16.6
		60.8	338.8	20.3	331.2	19.9	322.2	19.7	314.0	19.0	305.2	18.3	288.6	16.5
		76.0	340.6	20.6	333.6	20.2	324.2	19.7	315.4	19.1	307.2	18.6	290.4	17.3
		91.2	341.4	20.8	334.6	20.4	325.2	19.8	316.2	19.1	308.2	18.8	291.2	17.7
	59	24.3	329.6	18.5	323.8	17.7	314.6	17.5	306.4	17.2	298.4	16.5	281.8	15.0
		30.4	332.2	18.3	326.2	17.6	317.2	17.5	309.0	17.1	300.6	16.4	284.0	14.9
		60.8	343.0	17.6	336.0	17.3	327.2	17.3	319.0	16.6	309.6	15.9	293.2	14.4
		76.0	344.8	18.0	339.4	17.7	331.2	17.3	322.2	16.6	314.0	16.3	296.6	15.9
		91.2	345.8	18.2	341.0	17.9	333.4	17.3	323.8	16.6	316.2	16.6	298.4	16.6
	68	24.3	342.2	17.0	335.8	16.2	327.0	15.8	318.0	15.3	308.8	15.0	290.4	14.5
		30.4	344.8	16.9	338.6	16.2	329.6	15.8	320.4	15.4	311.4	15.1	293.2	14.4
		60.8	355.6	16.4	349.4	16.1	339.6	15.8	330.6	15.6	322.2	15.5	304.0	13.9
		76.0	357.2	16.4	351.8	16.1	343.6	15.9	333.8	15.6	324.8	15.5	306.4	14.8
		91.2	358.0	16.4	353.2	16.1	345.6	15.9	335.4	15.6	326.0	15.5	307.6	15.3
	77	24.3	361.2	16.2	351.8	15.7	343.6	15.5	337.0	15.2	329.6	15.0	310.6	14.0
		30.4	361.2	16.1	351.8	15.7	343.6	15.4	337.0	15.1	329.6	14.9	310.6	13.9
		60.8	361.2	15.9	351.8	15.6	343.6	15.1	337.0	14.9	329.6	14.7	310.6	13.7
		76.0	361.2	15.6	351.8	15.2	343.6	14.9	337.0	14.7	329.6	14.4	310.6	13.4
		91.2	361.2	15.5	351.8	15.0	343.6	14.8	337.0	14.5	329.6	14.3	310.6	13.3
	86	24.3	361.2	15.8	351.8	15.0	343.6	14.9	337.0	14.5	329.6	14.3	310.6	13.3
		30.4	361.2	15.6	351.8	15.0	343.6	14.8	337.0	14.4	329.6	14.2	310.6	13.2
		60.8	361.2	15.1	351.8	14.9	343.6	14.4	337.0	14.2	329.6	13.7	310.6	12.7
		76.0	361.2	14.9	351.8	14.5	343.6	14.2	337.0	13.9	329.6	13.7	310.6	12.7
		91.2	361.2	14.8	351.8	14.3	343.6	14.1	337.0	13.8	329.6	13.7	310.6	12.7
	95	24.3	361.2	15.0	351.8	14.5	343.6	14.2	337.0	13.7	329.6	13.3	310.6	12.3
		30.4	361.2	14.9	351.8	14.5	343.6	14.2	337.0	13.7	329.6	13.2	310.6	12.2
		60.8	361.2	14.4	351.8	14.1	343.6	13.9	337.0	13.4	329.6	12.9	310.6	11.7
		76.0	361.2	14.4	351.8	14.0	343.6	13.7	337.0	13.2	329.6	12.7	310.6	11.7
		91.2	361.2	14.4	351.8	13.9	343.6	13.5	337.0	13.1	329.6	12.6	310.6	11.7
	104	24.3	361.2	14.5	351.8	14.1	343.6	13.8	337.0	13.3	329.6	12.8	310.6	11.6
		30.4	361.2	14.4	351.8	14.0	343.6	13.7	337.0	13.2	329.6	12.7	310.6	11.5
		60.8	361.2	13.9	351.8	13.6	343.6	13.2	337.0	12.7	329.6	12.2	310.6	11.0
		76.0	361.2	13.7	351.8	13.4	343.6	13.2	337.0	12.7	329.6	12.2	310.6	11.0
		91.2	361.2	13.5	351.8	13.3	343.6	13.2	337.0	12.7	329.6	12.2	310.6	11.0
	113	24.3	361.2	14.0	351.8	13.6	343.6	13.4	337.0	12.9	329.6	12.4	310.6	10.9
		30.4	361.2	13.9	351.8	13.5	343.6	13.2	337.0	12.7	329.6	12.2	310.6	10.7
		60.8	361.2	13.4	351.8	13.1	343.6	12.5	337.0	12.0	329.6	11.5	310.6	10.3
		76.0	361.2	12.9	351.8	12.8	343.6	12.7	337.0	12.2	329.6	11.7	310.6	10.3
		91.2	361.2	12.7	351.8	12.6	343.6	12.8	337.0	12.3	329.6	11.9	310.6	10.3

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN240BAS4, ARWB240BAS4
240,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air temperature (°F DB)											
			61		65		68		70		72		75	
			TC MBh	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]
120	23	24.3	121.4	15.4	120.4	14.5	119.6	13.5	118.2	12.9	119.2	12.5	116.0	11.2
		30.4	125.6	15.6	124.6	14.7	123.8	13.8	122.4	13.2	123.4	12.8	120.0	11.4
		60.8	142.2	16.7	141.0	15.8	140.2	14.9	138.4	14.3	139.6	13.9	135.8	12.4
		76.0	157.0	17.7	155.8	16.9	154.8	16.1	153.0	15.4	154.2	15.0	150.0	13.4
		91.2	164.4	18.3	163.2	17.5	162.0	16.7	160.2	16.0	161.6	15.5	157.0	13.9
	32	24.3	217.0	21.0	211.8	20.4	207.2	19.7	203.0	18.9	203.0	18.3	193.6	16.4
		30.4	218.2	21.1	213.0	20.4	208.4	19.8	204.2	18.9	204.2	18.4	195.0	16.5
		60.8	223.2	21.3	218.0	20.6	213.4	20.0	209.0	19.2	209.0	18.6	199.6	16.7
		76.0	226.8	21.3	221.6	20.6	216.8	20.0	212.2	19.2	212.0	18.6	202.6	16.7
		91.2	228.6	21.3	223.2	20.6	218.4	20.0	213.8	19.2	213.6	18.6	204.2	16.7
	41	24.3	312.8	22.6	308.2	22.0	301.4	21.5	294.2	20.5	284.8	20.0	269.2	17.9
		30.4	314.0	22.7	308.6	22.1	301.4	21.6	294.2	20.7	284.8	20.1	269.2	18.0
		60.8	318.4	23.1	311.0	22.5	301.4	22.0	294.2	21.1	284.8	20.5	269.2	18.3
		76.0	320.2	23.2	309.2	22.7	301.4	22.1	294.2	21.2	284.8	20.6	269.2	18.5
		91.2	321.2	23.3	308.2	22.7	301.4	22.2	294.2	21.3	284.8	20.7	269.2	18.5
	50	24.3	314.0	20.3	308.2	19.7	300.6	19.3	293.2	18.7	284.0	18.1	268.6	16.3
		30.4	315.4	20.3	309.4	19.8	301.4	19.4	294.2	18.8	284.8	18.1	269.2	16.3
		60.8	321.2	20.6	314.4	20.1	304.6	19.7	297.4	18.9	287.8	18.0	272.0	16.4
		76.0	323.0	20.5	313.4	20.1	306.0	19.7	298.6	18.9	289.0	18.1	273.2	16.9
		91.2	323.8	20.5	313.0	20.1	306.6	19.8	299.2	19.0	289.8	18.2	273.8	17.2
	59	24.3	314.8	18.0	308.6	17.5	299.6	17.2	292.4	16.9	283.4	16.2	267.8	14.7
		30.4	316.8	18.0	310.4	17.5	301.4	17.2	294.2	16.9	284.8	16.1	269.2	14.7
		60.8	324.0	18.2	318.0	17.6	308.2	17.3	300.6	16.6	290.6	15.6	275.0	14.4
		76.0	325.8	17.9	317.8	17.5	310.6	17.3	303.2	16.6	293.2	15.6	277.6	15.4
		91.2	326.6	17.8	317.6	17.4	312.0	17.3	304.4	16.6	294.4	15.6	278.8	15.9
	68	24.3	323.6	16.2	317.6	15.5	308.0	15.1	299.4	14.9	289.8	14.7	274.2	13.9
		30.4	325.8	16.2	319.4	15.5	309.6	15.1	301.4	14.9	291.6	14.7	275.8	13.9
		60.8	334.0	16.2	327.0	15.8	316.4	15.4	309.0	15.1	298.8	14.6	282.4	13.7
		76.0	335.6	16.0	326.8	15.6	319.0	15.4	310.6	15.1	300.6	14.7	284.0	14.2
		91.2	336.4	15.9	326.6	15.6	320.2	15.4	311.6	15.1	301.6	14.7	285.0	14.4
	77	24.3	339.4	15.3	329.6	14.6	319.0	14.3	312.2	14.0	304.0	13.7	287.4	12.8
		30.4	339.6	15.2	329.6	14.6	319.0	14.3	312.2	13.9	304.0	13.7	287.4	12.7
		60.8	340.4	15.0	329.6	14.5	319.0	14.2	312.2	13.7	304.0	13.4	287.4	12.5
		76.0	341.4	14.5	329.6	14.1	319.0	13.9	312.2	13.7	304.0	13.2	287.4	12.5
		91.2	341.8	14.2	329.6	13.9	319.0	13.8	312.2	13.7	304.0	13.1	287.4	12.5
	86	24.3	341.4	14.6	329.6	13.9	319.0	13.5	312.2	13.0	304.0	12.8	287.4	11.8
		30.4	341.4	14.5	329.6	13.8	319.0	13.4	312.2	12.9	304.0	12.7	287.4	11.7
		60.8	341.4	14.0	329.6	13.5	319.0	13.2	312.2	12.7	304.0	12.2	287.4	11.5
		76.0	341.4	13.6	329.6	13.2	319.0	12.9	312.2	12.7	304.0	12.2	287.4	11.2
		91.2	341.4	13.3	329.6	13.0	319.0	12.8	312.2	12.7	304.0	12.2	287.4	11.1
	95	24.3	341.4	14.0	329.6	13.2	319.0	12.8	312.2	12.3	304.0	11.8	287.4	10.8
		30.4	341.4	13.8	329.6	13.1	319.0	12.7	312.2	12.2	304.0	11.7	287.4	10.7
		60.8	341.4	13.0	329.6	12.6	319.0	12.2	312.2	11.7	304.0	11.2	287.4	10.5
		76.0	341.4	12.8	329.6	12.5	319.0	12.2	312.2	11.7	304.0	11.2	287.4	10.3
		91.2	341.4	12.8	329.6	12.5	319.0	12.2	312.2	11.7	304.0	11.2	287.4	10.1
	104	24.3	341.4	13.6	329.6	12.6	319.0	12.1	312.2	11.6	304.0	11.1	287.4	10.1
		30.4	341.4	13.3	329.6	12.5	319.0	12.0	312.2	11.5	304.0	11.0	287.4	10.0
		60.8	341.4	12.3	329.6	11.9	319.0	11.5	312.2	11.0	304.0	10.5	287.4	9.8
		76.0	341.4	12.1	329.6	11.7	319.0	11.5	312.2	11.0	304.0	10.5	287.4	9.5
		91.2	341.4	12.0	329.6	11.7	319.0	11.5	312.2	11.0	304.0	10.5	287.4	9.4
	113	24.3	341.4	13.1	329.6	12.0	319.0	11.4	312.2	10.9	304.0	10.4	287.4	9.3
		30.4	341.4	12.8	329.6	11.8	319.0	11.2	312.2	10.7	304.0	10.3	287.4	9.3
		60.8	341.4	11.5	329.6	11.1	319.0	10.7	312.2	10.3	304.0	9.8	287.4	9.0
		76.0	341.4	11.4	329.6	10.9	319.0	10.7	312.2	10.3	304.0	9.8	287.4	8.8
		91.2	341.4	11.3	329.6	10.8	319.0	10.7	312.2	10.3	304.0	9.8	287.4	8.7

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN240BAS4, ARWB240BAS4
240,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air temperature (°F DB)											
			61		65		68		70		72		75	
			TC MBh	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]
110	23	24.3	114.8	15.6	114.2	14.5	113.4	13.5	112.2	12.9	112.4	12.5	110.0	11.2
		30.4	118.8	15.8	118.0	14.7	117.2	13.8	116.0	13.2	116.2	12.8	113.8	11.4
		60.8	134.4	16.9	133.6	15.8	132.8	14.9	131.4	14.3	131.4	13.9	128.8	12.4
		76.0	148.4	18.0	147.4	16.9	146.6	16.1	145.2	15.4	145.2	15.0	142.2	13.4
		91.2	155.6	18.5	154.4	17.5	153.6	16.7	152.2	16.0	152.2	15.5	148.8	13.9
	32	24.3	205.2	21.3	200.8	20.4	196.6	19.7	192.8	18.9	191.0	18.3	183.8	16.4
		30.4	206.4	21.3	202.0	20.4	197.6	19.8	193.8	18.9	192.2	18.4	184.8	16.5
		60.8	211.2	21.5	206.8	20.6	202.2	20.0	198.4	19.2	196.6	18.6	189.2	16.7
		76.0	214.4	21.5	210.0	20.6	205.4	20.0	201.4	19.2	199.6	18.6	191.8	16.7
		91.2	216.2	21.5	211.6	20.6	207.0	20.0	203.0	19.2	201.2	18.6	193.2	16.7
	41	24.3	299.4	22.9	292.2	22.0	285.6	21.5	279.0	20.5	268.2	20.0	255.2	17.9
		30.4	300.4	23.0	292.8	22.1	285.6	21.6	279.0	20.7	268.2	20.1	255.2	18.0
		60.8	304.4	23.4	295.2	22.5	285.8	22.0	279.0	21.1	268.2	20.5	255.2	18.3
		76.0	306.2	23.5	295.8	22.7	285.8	22.1	279.0	21.2	268.2	20.6	255.2	18.5
		91.2	307.0	23.6	296.2	22.7	285.8	22.2	279.0	21.3	268.2	20.7	255.2	18.5
	50	24.3	300.6	20.5	293.0	19.8	285.2	19.4	278.6	18.7	267.8	18.1	254.8	16.3
		30.4	301.6	20.5	293.8	19.9	285.6	19.4	279.0	18.8	268.2	18.1	255.2	16.3
		60.8	306.2	20.7	296.8	20.1	287.4	19.7	280.8	18.9	270.0	18.0	256.4	16.4
		76.0	308.0	20.7	298.2	20.1	288.4	19.6	281.4	18.8	270.6	18.1	257.2	16.6
		91.2	308.8	20.7	298.8	20.1	288.8	19.6	281.6	18.8	270.8	18.2	257.6	16.6
	59	24.3	301.4	18.1	293.6	17.6	285.0	17.3	278.2	16.9	267.4	16.2	254.6	14.7
		30.4	302.6	18.1	294.6	17.6	285.8	17.3	279.0	16.9	268.2	16.1	255.2	14.7
		60.8	307.6	18.0	298.8	17.6	289.0	17.3	282.4	16.6	271.8	15.6	257.6	14.4
		76.0	309.4	17.9	300.4	17.5	290.6	17.1	283.4	16.4	272.6	15.6	259.2	14.7
		91.2	310.4	17.8	301.2	17.4	291.4	17.0	283.8	16.3	272.8	15.6	260.0	14.8
	68	24.3	307.0	15.7	298.6	15.3	289.0	14.9	281.2	14.7	271.0	14.2	256.6	13.3
		30.4	308.6	15.7	299.6	15.3	289.8	14.9	282.4	14.7	271.8	14.2	257.6	13.3
		60.8	315.2	15.8	303.6	15.3	293.2	14.9	286.6	14.7	275.0	13.9	261.8	13.2
		76.0	317.0	15.8	306.2	15.3	294.8	14.9	287.4	14.4	276.6	13.9	262.4	13.2
		91.2	317.8	15.8	307.4	15.3	295.8	14.9	287.8	14.3	277.2	13.9	262.8	13.2
	77	24.3	316.6	14.3	307.2	13.7	294.8	13.5	288.4	13.0	278.2	12.5	263.4	11.5
		30.4	317.2	14.2	307.2	13.7	294.8	13.4	288.4	12.9	278.2	12.5	263.4	11.5
		60.8	319.8	14.1	307.2	13.4	294.8	13.2	288.4	12.7	278.2	12.2	263.4	11.5
		76.0	321.2	14.1	307.2	13.5	294.8	12.9	288.4	12.7	278.2	12.0	263.4	11.2
		91.2	322.0	14.1	307.2	13.5	294.8	12.8	288.4	12.7	278.2	11.9	263.4	11.1
	86	24.3	321.2	13.0	307.2	12.5	294.8	12.0	288.4	11.8	278.2	11.1	263.4	10.3
		30.4	321.2	12.9	307.2	12.5	294.8	12.0	288.4	11.7	278.2	11.0	263.4	10.3
		60.8	321.2	12.7	307.2	12.2	294.8	11.7	288.4	11.5	278.2	10.7	263.4	10.0
		76.0	321.2	12.6	307.2	12.0	294.8	11.5	288.4	11.2	278.2	10.7	263.4	10.0
		91.2	321.2	12.6	307.2	11.9	294.8	11.3	288.4	11.1	278.2	10.7	263.4	10.0
	95	24.3	321.2	12.3	307.2	11.5	294.8	11.1	288.4	10.6	278.2	10.1	263.4	9.3
		30.4	321.2	12.2	307.2	11.5	294.8	11.0	288.4	10.5	278.2	10.0	263.4	9.3
		60.8	321.2	11.7	307.2	11.2	294.8	10.7	288.4	10.3	278.2	9.8	263.4	9.0
		76.0	321.2	11.4	307.2	11.0	294.8	10.5	288.4	10.3	278.2	9.8	263.4	9.0
		91.2	321.2	11.3	307.2	10.9	294.8	10.4	288.4	10.3	278.2	9.8	263.4	9.0
	104	24.3	321.2	11.6	307.2	11.1	294.8	10.4	288.4	9.8	278.2	9.3	263.4	8.6
		30.4	321.2	11.5	307.2	11.0	294.8	10.3	288.4	9.8	278.2	9.3	263.4	8.5
		60.8	321.2	11.0	307.2	10.5	294.8	9.8	288.4	9.5	278.2	9.0	263.4	8.3
		76.0	321.2	10.8	307.2	10.3	294.8	9.8	288.4	9.3	278.2	8.8	263.4	8.1
		91.2	321.2	10.8	307.2	10.1	294.8	9.8	288.4	9.1	278.2	8.7	263.4	7.9
	113	24.3	321.2	10.9	307.2	10.7	294.8	9.7	288.4	9.1	278.2	8.6	263.4	7.9
		30.4	321.2	10.7	307.2	10.5	294.8	9.5	288.4	9.0	278.2	8.5	263.4	7.8
		60.8	321.2	10.3	307.2	9.8	294.8	8.8	288.4	8.8	278.2	8.3	263.4	7.6
		76.0	321.2	10.3	307.2	9.5	294.8	9.0	288.4	8.3	278.2	7.8	263.4	7.1
		91.2	321.2	10.3	307.2	9.4	294.8	9.2	288.4	8.1	278.2	7.6	263.4	6.8

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN240BAS4, ARWB240BAS4
240,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air temperature (°F DB)											
			61		65		68		70		72		75	
			TC MBh	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]
100	23	24.3	108.6	15.6	107.8	14.7	107.4	13.5	106.4	12.9	105.4	12.3	103.4	11.2
		30.4	112.2	15.8	111.6	14.9	111.0	13.8	110.0	13.2	109.0	12.6	107.0	11.4
		60.8	127.0	16.9	126.4	16.1	125.6	14.9	124.4	14.3	123.4	13.7	121.4	12.4
		76.0	140.4	18.0	139.4	17.2	138.6	16.1	137.4	15.4	136.4	14.7	133.8	13.4
		91.2	147.2	18.5	146.0	17.7	145.2	16.7	144.0	16.0	143.0	15.3	140.2	13.9
	32	24.3	194.0	21.3	189.8	20.6	185.8	19.7	182.6	18.9	179.2	18.1	173.0	16.4
		30.4	195.2	21.3	190.8	20.7	186.8	19.8	183.6	18.9	180.4	18.1	174.0	16.5
		60.8	199.6	21.5	195.4	20.9	191.2	20.0	187.8	19.2	184.6	18.3	178.0	16.7
		76.0	202.6	21.5	198.4	20.9	194.2	20.0	190.6	19.2	187.4	18.3	180.8	16.7
		91.2	204.2	21.5	200.0	20.9	195.6	20.0	192.0	19.2	188.8	18.3	182.2	16.7
	41	24.3	286.4	22.9	276.8	22.3	269.6	21.5	264.2	20.5	251.6	19.7	240.2	17.9
		30.4	287.4	23.0	277.2	22.4	269.8	21.6	264.2	20.7	251.6	19.8	240.2	18.0
		60.8	291.4	23.4	279.2	22.8	270.0	22.0	264.2	21.1	251.6	20.2	240.2	18.3
		76.0	293.2	23.5	280.0	23.0	270.0	22.1	264.2	21.2	251.6	20.3	240.2	18.5
		91.2	294.0	23.6	280.4	23.1	270.0	22.2	264.2	21.3	251.6	20.4	240.2	18.5
	50	24.3	287.8	20.5	277.6	20.0	270.0	19.4	264.2	18.7	251.6	17.8	240.2	16.3
		30.4	288.6	20.5	278.0	20.1	270.0	19.4	264.2	18.8	251.6	17.8	240.2	16.3
		60.8	291.4	20.9	279.6	20.3	270.0	19.7	264.2	18.9	251.6	17.9	240.2	16.4
		76.0	293.4	20.9	280.8	20.3	270.0	19.6	264.2	18.8	251.6	17.8	240.2	16.3
		91.2	294.4	20.8	281.4	20.3	270.0	19.6	264.2	18.8	251.6	17.8	240.2	16.3
	59	24.3	289.4	18.0	278.8	17.7	270.0	17.3	264.2	16.9	251.6	15.9	240.2	14.7
		30.4	289.8	18.1	279.0	17.7	270.0	17.3	264.2	16.9	251.6	15.9	240.2	14.7
		60.8	291.4	18.5	279.8	17.8	270.0	17.3	264.2	16.6	251.6	15.6	240.2	14.4
		76.0	293.8	18.2	281.4	17.6	270.0	17.1	264.2	16.4	251.6	15.4	240.2	14.2
		91.2	295.2	18.0	282.0	17.6	270.0	17.0	264.2	16.3	251.6	15.3	240.2	14.1
	68	24.3	291.0	15.4	280.4	15.0	270.0	14.7	264.2	14.5	251.6	13.5	240.2	12.8
		30.4	292.2	15.5	280.6	15.0	270.0	14.7	264.2	14.4	251.6	13.4	240.2	12.7
		60.8	296.4	15.8	281.4	15.1	270.0	14.7	264.2	14.2	251.6	13.2	240.2	12.2
		76.0	298.2	15.5	283.8	15.0	270.0	14.4	264.2	13.9	251.6	12.9	240.2	12.0
		91.2	299.0	15.4	285.0	14.9	270.0	14.3	264.2	13.8	251.6	12.8	240.2	11.9
	77	24.3	294.6	13.5	284.8	13.1	270.0	12.5	264.2	12.0	251.6	11.3	240.2	10.3
		30.4	295.6	13.5	284.8	13.0	270.0	12.5	264.2	12.0	251.6	11.2	240.2	10.3
		60.8	299.8	13.5	284.8	12.7	270.0	12.2	264.2	11.7	251.6	11.0	240.2	10.3
		76.0	301.4	13.2	284.8	12.6	270.0	12.0	264.2	11.5	251.6	11.0	240.2	10.0
		91.2	302.2	13.1	284.8	12.6	270.0	11.9	264.2	11.3	251.6	11.0	240.2	9.9
	86	24.3	301.4	12.3	284.8	11.3	270.0	10.5	264.2	10.3	251.6	9.5	240.2	9.1
		30.4	301.4	12.2	284.8	11.2	270.0	10.5	264.2	10.3	251.6	9.5	240.2	9.0
		60.8	301.4	12.0	284.8	11.0	270.0	10.4	264.2	10.0	251.6	9.5	240.2	8.8
		76.0	301.4	11.7	284.8	11.0	270.0	10.3	264.2	10.0	251.6	9.3	240.2	8.8
		91.2	301.4	11.6	284.8	11.0	270.0	10.2	264.2	10.0	251.6	9.1	240.2	8.8
	95	24.3	301.4	11.4	284.8	10.4	270.0	9.3	264.2	9.1	251.6	8.6	240.2	7.9
		30.4	301.4	11.2	284.8	10.3	270.0	9.3	264.2	9.0	251.6	8.5	240.2	7.8
		60.8	301.4	10.7	284.8	9.8	270.0	9.2	264.2	8.8	251.6	8.3	240.2	7.6
		76.0	301.4	10.7	284.8	9.8	270.0	9.0	264.2	8.8	251.6	8.3	240.2	7.6
		91.2	301.4	10.7	284.8	9.8	270.0	9.0	264.2	8.8	251.6	8.3	240.2	7.6
	104	24.3	301.4	10.6	284.8	9.7	270.0	8.3	264.2	8.1	251.6	7.6	240.2	7.1
		30.4	301.4	10.5	284.8	9.5	270.0	8.3	264.2	8.1	251.6	7.6	240.2	7.1
		60.8	301.4	10.0	284.8	9.0	270.0	8.2	264.2	7.8	251.6	7.3	240.2	6.8
		76.0	301.4	9.8	284.8	9.0	270.0	8.1	264.2	7.8	251.6	7.3	240.2	6.8
		91.2	301.4	9.7	284.8	9.0	270.0	8.0	264.2	7.8	251.6	7.3	240.2	6.8
	113	24.3	301.4	9.9	284.8	8.9	270.0	7.4	264.2	7.1	251.6	6.7	240.2	6.4
		30.4	301.4	9.8	284.8	8.8	270.0	7.3	264.2	7.1	251.6	6.6	240.2	6.3
		60.8	301.4	9.3	284.8	8.3	270.0	7.2	264.2	6.8	251.6	6.3	240.2	6.1
		76.0	301.4	8.8	284.8	8.3	270.0	7.1	264.2	6.8	251.6	6.3	240.2	6.1
		91.2	301.4	8.6	284.8	8.3	270.0	7.0	264.2	6.8	251.6	6.3	240.2	6.1

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN240BAS4, ARWB240BAS4
240,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air temperature (°F DB)											
			61		65		68		70		72		75	
			TC MBh	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]
90	23	24.3	102.4	14.4	99.2	13.1	96.4	11.5	95.6	11.0	95.0	10.6	93.2	9.5
		30.4	106.0	14.7	102.8	13.4	99.8	11.8	99.0	11.2	98.2	10.8	96.4	9.7
		60.8	120.0	15.7	116.2	14.4	112.8	12.8	112.0	12.2	111.2	11.8	109.0	10.6
		76.0	132.6	16.7	128.4	15.4	124.6	13.8	123.6	13.2	122.8	12.7	120.6	11.4
		91.2	139.0	17.2	134.4	15.9	130.6	14.3	129.4	13.7	128.6	13.1	126.4	11.8
	32	24.3	183.2	19.7	174.8	18.5	166.8	16.9	164.4	16.2	161.6	15.6	155.6	14.0
		30.4	184.4	19.7	175.8	18.5	167.8	17.0	165.2	16.2	162.6	15.6	156.4	14.0
		60.8	188.6	19.9	179.8	18.7	171.8	17.2	169.0	16.4	166.2	15.8	160.2	14.2
		76.0	191.4	19.9	182.6	18.7	174.6	17.2	171.6	16.4	169.0	15.8	162.8	14.2
		91.2	192.8	19.9	184.0	18.7	176.0	17.2	172.8	16.4	170.4	15.8	164.0	14.2
	41	24.3	259.0	21.1	250.6	19.9	242.6	18.4	237.6	17.6	227.0	16.9	216.2	15.2
		30.4	259.2	21.2	250.4	20.0	242.6	18.5	237.6	17.7	227.0	17.0	216.2	15.3
		60.8	260.2	21.6	249.6	20.4	242.6	18.9	237.6	18.0	227.0	17.4	216.2	15.6
		76.0	261.8	21.7	250.4	20.5	242.6	19.0	237.6	18.1	227.0	17.5	216.2	15.7
		91.2	262.4	21.8	250.8	20.6	242.6	19.1	237.6	18.2	227.0	17.6	216.2	15.8
	50	24.3	260.4	18.6	251.4	17.7	242.6	16.7	237.6	16.0	227.0	15.4	216.2	13.8
		30.4	260.2	18.7	251.2	17.7	242.6	16.7	237.6	16.0	227.0	15.3	216.2	13.9
		60.8	259.8	18.7	250.0	17.8	242.6	16.8	237.6	16.1	227.0	15.3	216.2	13.9
		76.0	261.4	18.7	250.6	17.8	242.6	16.7	237.6	16.1	227.0	15.3	216.2	14.0
		91.2	262.4	18.6	251.0	17.7	242.6	16.7	237.6	16.0	227.0	15.4	216.2	14.0
	59	24.3	261.6	16.1	252.4	15.6	242.6	15.0	237.6	14.5	227.0	13.8	216.2	12.5
		30.4	261.2	16.1	252.0	15.5	242.6	14.9	237.6	14.4	227.0	13.7	216.2	12.5
		60.8	259.4	15.8	250.2	15.2	242.6	14.7	237.6	14.2	227.0	13.2	216.2	12.2
		76.0	261.2	15.6	251.0	15.0	242.6	14.4	237.6	13.9	227.0	13.2	216.2	12.2
		91.2	262.0	15.5	251.2	14.9	242.6	14.3	237.6	13.8	227.0	13.2	216.2	12.2
	68	24.3	263.2	13.6	253.4	13.2	242.6	12.8	237.6	12.3	227.0	11.8	216.2	11.1
		30.4	263.0	13.6	253.0	13.2	242.6	12.7	237.6	12.2	227.0	11.7	216.2	11.0
		60.8	262.0	13.6	251.0	13.0	242.6	12.5	237.6	12.0	227.0	11.2	216.2	10.5
		76.0	262.8	13.4	251.6	12.9	242.6	12.5	237.6	12.0	227.0	11.2	216.2	10.5
		91.2	263.0	13.3	252.0	12.9	242.6	12.5	237.6	12.0	227.0	11.2	216.2	10.5
	77	24.3	267.6	11.9	256.6	11.3	242.6	10.8	237.6	10.3	227.0	9.8	216.2	9.1
		30.4	268.2	11.9	256.6	11.2	242.6	10.7	237.6	10.3	227.0	9.8	216.2	9.0
		60.8	270.8	11.8	256.6	11.1	242.6	10.5	237.6	10.3	227.0	9.5	216.2	8.8
		76.0	271.8	11.5	256.6	10.9	242.6	10.5	237.6	10.0	227.0	9.5	216.2	8.8
		91.2	272.2	11.3	256.6	10.8	242.6	10.5	237.6	9.9	227.0	9.5	216.2	8.8
	86	24.3	271.8	10.8	256.6	10.1	242.6	9.3	237.6	9.1	227.0	8.6	216.2	7.8
		30.4	271.8	10.7	256.6	10.0	242.6	9.3	237.6	9.0	227.0	8.5	216.2	7.8
		60.8	271.8	10.5	256.6	9.8	242.6	9.0	237.6	8.8	227.0	8.3	216.2	7.8
		76.0	271.8	10.3	256.6	9.5	242.6	9.0	237.6	8.8	227.0	8.3	216.2	7.6
		91.2	271.8	10.1	256.6	9.4	242.6	9.0	237.6	8.8	227.0	8.3	216.2	7.5
	95	24.3	271.8	9.8	256.6	9.1	242.6	8.4	237.6	8.1	227.0	7.6	216.2	7.1
		30.4	271.8	9.8	256.6	9.0	242.6	8.3	237.6	8.1	227.0	7.6	216.2	7.1
		60.8	271.8	9.5	256.6	8.8	242.6	8.1	237.6	7.8	227.0	7.3	216.2	6.8
		76.0	271.8	9.3	256.6	8.5	242.6	7.8	237.6	7.6	227.0	7.3	216.2	6.8
		91.2	271.8	9.1	256.6	8.4	242.6	7.7	237.6	7.5	227.0	7.3	216.2	6.8
	104	24.3	271.8	9.2	256.6	8.4	242.6	7.4	237.6	7.1	227.0	6.9	216.2	6.4
		30.4	271.8	9.0	256.6	8.3	242.6	7.3	237.6	7.1	227.0	6.8	216.2	6.3
		60.8	271.8	8.5	256.6	8.1	242.6	7.1	237.6	6.8	227.0	6.6	216.2	6.1
		76.0	271.8	8.5	256.6	8.1	242.6	7.1	237.6	6.8	227.0	6.6	216.2	6.1
		91.2	271.8	8.5	256.6	8.1	242.6	7.1	237.6	6.8	227.0	6.6	216.2	6.1
	113	24.3	271.8	8.5	256.6	7.6	242.6	6.4	237.6	6.2	227.0	6.2	216.2	5.7
		30.4	271.8	8.3	256.6	7.6	242.6	6.3	237.6	6.1	227.0	6.1	216.2	5.6
		60.8	271.8	7.6	256.6	7.3	242.6	6.1	237.6	5.9	227.0	5.9	216.2	5.4
		76.0	271.8	7.8	256.6	7.6	242.6	6.3	237.6	6.1	227.0	5.9	216.2	5.4
		91.2	271.8	7.9	256.6	7.7	242.6	6.5	237.6	6.2	227.0	5.9	216.2	5.4

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

MULTI V WATER IV

ARWN240BAS4, ARWB240BAS4
240,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air temperature (°F DB)											
			61		65		68		70		72		75	
			TC MBh	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]
80	23	24.3	97.0	10.3	90.8	9.9	86.0	9.5	85.0	9.2	84.4	8.7	82.8	8.0
		30.4	100.2	10.5	94.0	10.1	89.0	9.7	88.0	9.4	87.4	8.9	85.6	8.2
		60.8	113.2	11.4	106.2	11.0	100.4	10.5	99.4	10.1	99.0	9.7	97.0	8.9
		76.0	125.4	12.3	117.2	11.8	111.0	11.3	109.8	10.9	109.2	10.4	107.0	9.6
		91.2	131.4	12.8	122.8	12.3	116.4	11.7	115.0	11.4	114.4	10.8	112.0	10.0
	32	24.3	173.0	15.1	159.6	14.5	148.6	13.9	145.8	13.4	143.8	12.8	138.4	11.8
		30.4	174.0	15.1	160.4	14.5	149.4	13.9	146.6	13.4	144.6	12.8	139.2	11.8
		60.8	178.4	15.3	164.2	14.7	153.0	14.1	150.2	13.6	148.2	13.0	142.4	11.9
		76.0	180.8	15.3	166.8	14.7	155.4	14.1	152.4	13.6	150.4	13.0	144.6	11.9
		91.2	182.2	15.3	168.0	14.7	156.8	14.1	153.6	13.6	151.6	13.0	145.8	11.9
	41	24.3	239.4	16.4	225.8	15.8	216.0	15.1	211.2	14.6	202.2	13.9	192.2	12.8
		30.4	239.8	16.5	226.2	15.9	216.0	15.2	211.2	14.7	202.2	14.0	192.2	12.9
		60.8	241.8	16.9	228.0	16.2	216.2	15.5	211.2	15.0	202.2	14.3	192.2	13.1
		76.0	241.8	17.0	227.8	16.3	216.2	15.6	211.2	15.1	202.2	14.4	192.2	13.2
		91.2	241.8	17.0	227.6	16.4	216.2	15.6	211.2	15.1	202.2	14.4	192.2	13.3
	50	24.3	240.6	15.1	226.8	14.4	216.0	13.7	211.2	13.3	202.2	12.6	192.2	11.7
		30.4	240.8	15.1	227.0	14.4	216.0	13.7	211.2	13.3	202.2	12.6	192.2	11.7
		60.8	241.8	15.0	228.0	14.3	216.2	13.7	211.2	13.3	202.2	12.6	192.2	11.7
		76.0	241.8	15.0	227.8	14.4	216.2	13.8	211.2	13.3	202.2	12.6	192.2	11.6
		91.2	241.8	14.9	227.6	14.4	216.2	13.8	211.2	13.2	202.2	12.5	192.2	11.6
	59	24.3	241.8	13.8	227.8	13.1	216.2	12.3	211.2	12.0	202.2	11.3	192.2	10.6
		30.4	241.8	13.7	227.8	12.9	216.2	12.2	211.2	12.0	202.2	11.2	192.2	10.5
		60.8	241.8	13.2	227.8	12.5	216.2	12.0	211.2	11.7	202.2	11.0	192.2	10.3
		76.0	241.8	12.9	227.8	12.5	216.2	12.0	211.2	11.5	202.2	10.7	192.2	10.0
		91.2	241.8	12.8	227.8	12.5	216.2	12.0	211.2	11.3	202.2	10.6	192.2	9.9
	68	24.3	241.8	11.5	227.8	11.1	216.2	10.5	211.2	10.3	202.2	9.8	192.2	9.1
		30.4	241.8	11.5	227.8	11.0	216.2	10.5	211.2	10.3	202.2	9.8	192.2	9.0
		60.8	241.8	11.2	227.8	10.7	216.2	10.5	211.2	10.0	202.2	9.5	192.2	8.8
		76.0	241.8	11.0	227.8	10.5	216.2	10.3	211.2	10.0	202.2	9.3	192.2	8.8
		91.2	241.8	10.9	227.8	10.4	216.2	10.1	211.2	10.0	202.2	9.1	192.2	8.8
	77	24.3	241.8	10.3	227.8	9.6	216.2	9.0	211.2	8.9	202.2	8.4	192.2	7.9
		30.4	241.8	10.3	227.8	9.5	216.2	9.0	211.2	8.8	202.2	8.3	192.2	7.8
		60.8	241.8	10.0	227.8	9.3	216.2	9.0	211.2	8.5	202.2	8.1	192.2	7.6
		76.0	241.8	9.8	227.8	9.3	216.2	8.8	211.2	8.5	202.2	8.1	192.2	7.6
		91.2	241.8	9.7	227.8	9.3	216.2	8.7	211.2	8.5	202.2	8.1	192.2	7.6
	86	24.3	241.8	9.1	227.8	8.6	216.2	8.1	211.2	7.9	202.2	7.4	192.2	6.9
		30.4	241.8	9.0	227.8	8.5	216.2	8.1	211.2	7.8	202.2	7.3	192.2	6.8
		60.8	241.8	8.8	227.8	8.3	216.2	7.8	211.2	7.6	202.2	7.1	192.2	6.6
		76.0	241.8	8.8	227.8	8.3	216.2	7.8	211.2	7.6	202.2	7.1	192.2	6.6
		91.2	241.8	8.8	227.8	8.3	216.2	7.8	211.2	7.6	202.2	7.1	192.2	6.6
	95	24.3	241.8	8.4	227.8	7.9	216.2	7.1	211.2	6.8	202.2	6.7	192.2	6.1
		30.4	241.8	8.3	227.8	7.8	216.2	7.1	211.2	6.8	202.2	6.6	192.2	6.1
		60.8	241.8	8.1	227.8	7.6	216.2	6.8	211.2	6.8	202.2	6.3	192.2	6.1
		76.0	241.8	8.1	227.8	7.3	216.2	6.8	211.2	6.6	202.2	6.3	192.2	5.9
		91.2	241.8	8.1	227.8	7.2	216.2	6.8	211.2	6.5	202.2	6.3	192.2	5.7
	104	24.3	241.8	7.9	227.8	7.1	216.2	6.3	211.2	6.4	202.2	5.9	192.2	5.7
		30.4	241.8	7.8	227.8	7.1	216.2	6.3	211.2	6.3	202.2	5.9	192.2	5.6
		60.8	241.8	7.3	227.8	6.8	216.2	6.3	211.2	6.1	202.2	5.9	192.2	5.4
		76.0	241.8	7.3	227.8	6.8	216.2	6.1	211.2	6.1	202.2	5.9	192.2	5.4
		91.2	241.8	7.3	227.8	6.8	216.2	6.0	211.2	6.1	202.2	5.9	192.2	5.4
	113	24.3	241.8	7.5	227.8	6.4	216.2	5.5	211.2	6.0	202.2	5.1	192.2	5.3
		30.4	241.8	7.3	227.8	6.3	216.2	5.6	211.2	5.9	202.2	5.1	192.2	5.1
		60.8	241.8	6.6	227.8	6.1	216.2	5.9	211.2	5.4	202.2	5.4	192.2	4.7
		76.0	241.8	6.6	227.8	6.3	216.2	5.4	211.2	5.6	202.2	5.4	192.2	4.9
		91.2	241.8	6.6	227.8	6.5	216.2	5.1	211.2	5.7	202.2	5.4	192.2	5.0

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN240BAS4, ARWB240BAS4
240,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air temperature (°F DB)											
			61		65		68		70		72		75	
			TC MBh	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]
70	23	24.3	84.4	8.8	79.4	8.4	75.0	8.1	74.4	7.7	73.8	7.4	72.6	6.7
		30.4	87.4	9.0	82.2	8.6	77.6	8.3	76.8	7.8	76.4	7.6	75.0	6.9
		60.8	99.0	9.8	93.0	9.3	87.6	9.0	87.0	8.5	86.4	8.2	84.8	7.5
		76.0	109.6	10.6	102.8	10.1	97.0	9.7	96.2	9.1	95.4	8.8	93.6	8.0
		91.2	114.8	11.0	107.6	10.4	101.6	10.1	100.8	9.5	100.0	9.2	98.2	8.3
	32	24.3	151.4	12.9	139.8	12.3	129.8	11.9	127.6	11.2	125.6	10.8	121.2	9.9
		30.4	152.2	13.0	140.6	12.4	130.6	12.0	128.4	11.2	126.4	10.9	121.8	9.9
		60.8	155.8	13.1	144.0	12.5	133.6	12.1	131.4	11.4	129.4	11.0	124.6	10.0
		76.0	158.0	13.1	146.2	12.5	135.6	12.1	133.4	11.4	131.4	11.0	126.6	10.0
		91.2	159.2	13.1	147.4	12.5	136.6	12.1	134.4	11.4	132.4	11.0	127.6	10.0
	41	24.3	209.0	14.1	198.0	13.4	188.6	13.0	184.6	12.2	176.4	11.8	168.0	10.7
		30.4	209.4	14.2	198.4	13.5	188.6	13.0	184.6	12.3	176.4	11.9	168.0	10.8
		60.8	211.2	14.4	200.0	13.8	188.8	13.3	184.6	12.5	176.4	12.1	168.0	11.0
		76.0	211.2	14.5	199.6	13.9	188.8	13.4	184.6	12.6	176.4	12.2	168.0	11.1
		91.2	211.2	14.6	199.6	13.9	188.8	13.5	184.6	12.7	176.4	12.2	168.0	11.1
	50	24.3	210.0	13.0	198.8	12.3	188.8	11.8	184.6	11.1	176.4	10.7	168.0	9.8
		30.4	210.2	12.9	199.0	12.2	188.8	11.8	184.6	11.1	176.4	10.7	168.0	9.8
		60.8	211.2	12.8	199.6	12.1	188.8	11.7	184.6	11.1	176.4	10.7	168.0	9.8
		76.0	211.2	12.9	199.6	12.2	188.8	11.7	184.6	11.2	176.4	10.6	168.0	9.8
		91.2	211.2	12.9	199.6	12.2	188.8	11.8	184.6	11.2	176.4	10.6	168.0	9.8
	59	24.3	211.2	11.8	199.6	11.1	188.8	10.6	184.6	10.1	176.4	9.6	168.0	8.9
		30.4	211.2	11.7	199.6	11.0	188.8	10.5	184.6	10.0	176.4	9.5	168.0	8.8
		60.8	211.2	11.2	199.6	10.5	188.8	10.0	184.6	9.8	176.4	9.3	168.0	8.5
		76.0	211.2	11.2	199.6	10.5	188.8	10.0	184.6	9.8	176.4	9.0	168.0	8.5
		91.2	211.2	11.2	199.6	10.5	188.8	10.0	184.6	9.8	176.4	8.9	168.0	8.5
	68	24.3	211.2	9.8	199.6	9.3	188.8	9.1	184.6	8.9	176.4	8.4	168.0	7.9
		30.4	211.2	9.8	199.6	9.3	188.8	9.0	184.6	8.8	176.4	8.3	168.0	7.8
		60.8	211.2	9.5	199.6	9.0	188.8	8.8	184.6	8.5	176.4	8.1	168.0	7.6
		76.0	211.2	9.5	199.6	9.0	188.8	8.8	184.6	8.3	176.4	8.1	168.0	7.3
		91.2	211.2	9.5	199.6	9.0	188.8	8.8	184.6	8.2	176.4	8.1	168.0	7.2
	77	24.3	211.2	8.9	199.6	8.4	188.8	7.9	184.6	7.6	176.4	7.1	168.0	6.6
		30.4	211.2	8.8	199.6	8.3	188.8	7.8	184.6	7.6	176.4	7.1	168.0	6.6
		60.8	211.2	8.5	199.6	8.1	188.8	7.6	184.6	7.3	176.4	7.1	168.0	6.6
		76.0	211.2	8.3	199.6	7.8	188.8	7.6	184.6	7.3	176.4	6.8	168.0	6.6
		91.2	211.2	8.2	199.6	7.7	188.8	7.6	184.6	7.3	176.4	6.7	168.0	6.6
	86	24.3	211.2	7.9	199.6	7.4	188.8	6.9	184.6	6.6	176.4	6.4	168.0	5.9
		30.4	211.2	7.8	199.6	7.3	188.8	6.8	184.6	6.6	176.4	6.3	168.0	5.9
		60.8	211.2	7.6	199.6	7.1	188.8	6.6	184.6	6.6	176.4	6.1	168.0	5.9
		76.0	211.2	7.6	199.6	7.1	188.8	6.6	184.6	6.3	176.4	6.1	168.0	5.9
		91.2	211.2	7.6	199.6	7.1	188.8	6.6	184.6	6.2	176.4	6.1	168.0	5.9
	95	24.3	211.2	7.1	199.6	6.7	188.8	6.1	184.6	6.2	176.4	5.6	168.0	5.4
		30.4	211.2	7.1	199.6	6.6	188.8	6.1	184.6	6.1	176.4	5.6	168.0	5.4
		60.8	211.2	6.8	199.6	6.3	188.8	6.1	184.6	5.9	176.4	5.6	168.0	5.1
		76.0	211.2	6.8	199.6	6.3	188.8	5.9	184.6	5.9	176.4	5.6	168.0	5.1
		91.2	211.2	6.8	199.6	6.3	188.8	5.7	184.6	5.9	176.4	5.6	168.0	5.1
	104	24.3	211.2	6.7	199.6	6.2	188.8	5.7	184.6	5.4	176.4	5.1	168.0	4.9
		30.4	211.2	6.6	199.6	6.1	188.8	5.6	184.6	5.4	176.4	5.1	168.0	4.9
		60.8	211.2	6.3	199.6	5.9	188.8	5.4	184.6	5.4	176.4	5.1	168.0	4.7
		76.0	211.2	6.3	199.6	5.9	188.8	5.4	184.6	5.1	176.4	4.9	168.0	4.7
		91.2	211.2	6.3	199.6	5.9	188.8	5.4	184.6	5.0	176.4	4.8	168.0	4.7
	113	24.3	211.2	6.2	199.6	5.7	188.8	5.3	184.6	4.6	176.4	4.7	168.0	4.5
		30.4	211.2	6.1	199.6	5.6	188.8	5.1	184.6	4.7	176.4	4.7	168.0	4.4
		60.8	211.2	5.9	199.6	5.4	188.8	4.7	184.6	4.9	176.4	4.7	168.0	4.1
		76.0	211.2	5.9	199.6	5.4	188.8	4.9	184.6	4.4	176.4	4.1	168.0	4.1
		91.2	211.2	5.9	199.6	5.4	188.8	5.0	184.6	4.2	176.4	3.9	168.0	4.1

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

MULTI V WATER IV

ARWN240BAS4, ARWB240BAS4
240,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air temperature (°F DB)											
			61		65		68		70		72		75	
			TC MBh	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]
60	23	24.3	72.6	7.2	68.0	6.9	64.4	6.6	63.6	6.2	63.4	6.1	62.2	5.4
		30.4	75.0	7.3	70.4	7.1	66.6	6.8	65.8	6.3	65.6	6.2	64.2	5.5
		60.8	85.2	8.0	79.6	7.7	75.4	7.4	74.6	6.8	74.4	6.7	72.8	6.0
		76.0	94.0	8.6	88.0	8.3	83.4	7.9	82.4	7.4	82.2	7.3	80.4	6.5
		91.2	98.4	8.9	92.0	8.6	87.4	8.2	86.4	7.7	86.0	7.5	84.2	6.7
	32	24.3	129.8	10.5	119.6	10.1	111.6	9.7	109.4	9.0	107.8	8.9	104.0	7.9
		30.4	130.6	10.5	120.4	10.2	112.2	9.7	110.0	9.0	108.6	8.9	104.4	8.0
		60.8	133.6	10.7	123.0	10.3	115.0	9.9	112.6	9.1	111.0	9.0	106.8	8.0
		76.0	135.6	10.7	125.0	10.3	116.8	9.9	114.2	9.1	112.8	9.0	108.6	8.0
		91.2	136.6	10.7	126.0	10.3	117.6	9.9	115.2	9.1	113.6	9.0	109.4	8.0
	41	24.3	179.4	11.4	169.2	11.0	162.2	10.6	158.2	9.8	151.4	9.7	144.2	8.6
		30.4	179.8	11.5	169.6	11.1	162.2	10.6	158.2	9.9	151.4	9.7	144.2	8.7
		60.8	181.4	11.7	170.8	11.3	162.2	10.8	158.2	10.1	151.4	9.9	144.2	8.8
		76.0	181.4	11.8	170.6	11.4	162.2	10.9	158.2	10.2	151.4	10.0	144.2	8.9
		91.2	181.4	11.9	170.4	11.4	162.2	11.0	158.2	10.2	151.4	10.0	144.2	9.0
	50	24.3	180.4	10.5	169.8	10.1	162.2	9.6	158.2	8.9	151.4	8.8	144.2	7.9
		30.4	180.6	10.5	170.0	10.1	162.2	9.6	158.2	9.0	151.4	8.8	144.2	7.9
		60.8	181.4	10.5	170.8	10.1	162.2	9.6	158.2	9.1	151.4	8.7	144.2	8.0
		76.0	181.4	10.5	170.6	10.0	162.2	9.5	158.2	9.0	151.4	8.7	144.2	7.9
		91.2	181.4	10.6	170.4	9.9	162.2	9.4	158.2	8.9	151.4	8.6	144.2	7.8
	59	24.3	181.4	9.6	170.6	9.1	162.2	8.6	158.2	8.1	151.4	7.9	144.2	7.1
		30.4	181.4	9.5	170.6	9.0	162.2	8.5	158.2	8.1	151.4	7.8	144.2	7.1
		60.8	181.4	9.3	170.6	8.8	162.2	8.3	158.2	8.1	151.4	7.6	144.2	7.1
		76.0	181.4	9.3	170.6	8.5	162.2	8.1	158.2	7.8	151.4	7.3	144.2	6.8
		91.2	181.4	9.3	170.6	8.4	162.2	7.9	158.2	7.7	151.4	7.2	144.2	6.7
	68	24.3	181.4	8.4	170.6	7.9	162.2	7.4	158.2	7.1	151.4	6.9	144.2	6.4
		30.4	181.4	8.3	170.6	7.8	162.2	7.3	158.2	7.1	151.4	6.8	144.2	6.3
		60.8	181.4	8.1	170.6	7.6	162.2	7.1	158.2	6.8	151.4	6.6	144.2	6.1
		76.0	181.4	8.1	170.6	7.6	162.2	7.1	158.2	6.8	151.4	6.6	144.2	6.1
		91.2	181.4	8.1	170.6	7.6	162.2	7.1	158.2	6.8	151.4	6.6	144.2	6.1
	77	24.3	181.4	7.4	170.6	6.9	162.2	6.3	158.2	6.4	151.4	5.9	144.2	5.7
		30.4	181.4	7.3	170.6	6.8	162.2	6.3	158.2	6.3	151.4	5.9	144.2	5.6
		60.8	181.4	7.1	170.6	6.6	162.2	6.3	158.2	6.1	151.4	5.9	144.2	5.4
		76.0	181.4	7.1	170.6	6.6	162.2	6.1	158.2	6.1	151.4	5.9	144.2	5.4
		91.2	181.4	7.1	170.6	6.6	162.2	6.0	158.2	6.1	151.4	5.9	144.2	5.4
	86	24.3	181.4	6.7	170.6	6.2	162.2	5.9	158.2	5.7	151.4	5.4	144.2	5.2
		30.4	181.4	6.6	170.6	6.1	162.2	5.9	158.2	5.6	151.4	5.4	144.2	5.1
		60.8	181.4	6.3	170.6	5.9	162.2	5.6	158.2	5.4	151.4	5.1	144.2	4.9
		76.0	181.4	6.3	170.6	5.9	162.2	5.6	158.2	5.4	151.4	5.1	144.2	4.9
		91.2	181.4	6.3	170.6	5.9	162.2	5.6	158.2	5.4	151.4	5.1	144.2	4.9
	95	24.3	181.4	5.9	170.6	5.7	162.2	5.1	158.2	5.2	151.4	4.9	144.2	4.7
		30.4	181.4	5.9	170.6	5.6	162.2	5.1	158.2	5.1	151.4	4.9	144.2	4.7
		60.8	181.4	5.9	170.6	5.4	162.2	5.1	158.2	4.9	151.4	4.7	144.2	4.4
		76.0	181.4	5.9	170.6	5.4	162.2	4.9	158.2	4.9	151.4	4.7	144.2	4.4
		91.2	181.4	5.9	170.6	5.4	162.2	4.8	158.2	4.9	151.4	4.7	144.2	4.4
	104	24.3	181.4	5.4	170.6	5.2	162.2	4.7	158.2	4.7	151.4	4.5	144.2	4.1
		30.4	181.4	5.4	170.6	5.1	162.2	4.7	158.2	4.7	151.4	4.4	144.2	4.1
		60.8	181.4	5.4	170.6	4.9	162.2	4.7	158.2	4.4	151.4	4.1	144.2	4.1
		76.0	181.4	5.4	170.6	4.9	162.2	4.7	158.2	4.4	151.4	4.1	144.2	4.1
		91.2	181.4	5.4	170.6	4.9	162.2	4.7	158.2	4.4	151.4	4.1	144.2	4.1
	113	24.3	181.4	4.9	170.6	4.7	162.2	4.1	158.2	4.2	151.4	4.0	144.2	3.6
		30.4	181.4	4.9	170.6	4.7	162.2	4.1	158.2	4.1	151.4	3.9	144.2	3.7
		60.8	181.4	4.9	170.6	4.4	162.2	4.1	158.2	3.9	151.4	3.7	144.2	3.9
		76.0	181.4	4.9	170.6	4.4	162.2	4.4	158.2	3.9	151.4	3.7	144.2	3.9
		91.2	181.4	4.9	170.6	4.4	162.2	4.5	158.2	3.9	151.4	3.7	144.2	3.9

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN240BAS4, ARWB240BAS4
240,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air temperature (°F DB)											
			61		65		68		70		72		75	
			TC MBh	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]
50	23	24.3	60.6	5.7	56.8	5.4	53.6	5.1	53.0	4.8	52.6	4.5	51.8	4.3
		30.4	62.6	5.8	58.8	5.5	55.6	5.2	54.8	5.0	54.6	4.7	53.4	4.4
		60.8	70.6	6.3	66.4	6.0	62.8	5.7	62.0	5.4	61.8	5.1	60.6	4.8
		76.0	78.2	6.8	73.4	6.5	69.4	6.1	68.6	5.8	68.0	5.4	67.0	5.1
		91.2	82.0	7.1	76.8	6.7	72.6	6.3	71.8	6.0	71.2	5.6	70.4	5.3
	32	24.3	107.8	8.4	99.8	7.9	92.8	7.5	90.8	7.1	89.6	6.7	86.4	6.3
		30.4	108.6	8.4	100.4	8.0	93.4	7.5	91.4	7.1	90.2	6.7	87.0	6.3
		60.8	111.0	8.5	102.8	8.0	95.6	7.6	93.6	7.2	92.4	6.8	89.0	6.4
		76.0	112.8	8.5	104.2	8.0	97.0	7.6	95.2	7.2	93.6	6.8	90.4	6.4
		91.2	113.6	8.5	105.0	8.0	97.6	7.6	96.0	7.2	94.4	6.8	91.2	6.4
	41	24.3	149.2	9.1	141.4	8.6	134.8	8.1	131.6	7.7	125.8	7.3	120.0	6.8
		30.4	149.4	9.1	141.6	8.7	134.8	8.2	131.6	7.8	125.8	7.3	120.0	6.9
		60.8	150.6	9.3	142.6	8.8	135.2	8.4	131.6	7.9	125.8	7.4	120.0	7.0
		76.0	150.6	9.4	142.4	8.9	135.2	8.4	131.6	8.0	125.8	7.5	120.0	7.1
		91.2	150.6	9.4	142.2	9.0	135.2	8.4	131.6	8.0	125.8	7.5	120.0	7.1
	50	24.3	150.0	8.4	141.8	7.9	134.8	7.4	131.6	7.1	125.8	6.6	120.0	6.3
		30.4	150.2	8.4	142.0	7.9	134.8	7.4	131.6	7.1	125.8	6.6	120.0	6.2
		60.8	150.6	8.3	142.6	7.9	135.2	7.4	131.6	7.0	125.8	6.6	120.0	6.2
		76.0	150.6	8.4	142.4	7.9	135.2	7.4	131.6	7.1	125.8	6.5	120.0	6.2
		91.2	150.6	8.4	142.2	7.9	135.2	7.4	131.6	7.1	125.8	6.5	120.0	6.2
	59	24.3	150.6	7.6	142.4	7.1	135.2	6.7	131.6	6.4	125.8	5.9	120.0	5.7
		30.4	150.6	7.6	142.4	7.1	135.2	6.6	131.6	6.3	125.8	5.9	120.0	5.6
		60.8	150.6	7.3	142.4	6.8	135.2	6.3	131.6	6.1	125.8	5.9	120.0	5.4
		76.0	150.6	7.3	142.4	6.8	135.2	6.3	131.6	6.1	125.8	5.6	120.0	5.4
		91.2	150.6	7.3	142.4	6.8	135.2	6.3	131.6	6.1	125.8	5.5	120.0	5.4
	68	24.3	150.6	6.7	142.4	6.2	135.2	5.9	131.6	5.7	125.8	5.4	120.0	4.9
		30.4	150.6	6.6	142.4	6.1	135.2	5.9	131.6	5.6	125.8	5.4	120.0	4.9
		60.8	150.6	6.3	142.4	5.9	135.2	5.6	131.6	5.4	125.8	5.1	120.0	4.9
		76.0	150.6	6.3	142.4	5.9	135.2	5.6	131.6	5.4	125.8	5.1	120.0	4.9
		91.2	150.6	6.3	142.4	5.9	135.2	5.6	131.6	5.4	125.8	5.1	120.0	4.9
	77	24.3	150.6	5.9	142.4	5.4	135.2	5.2	131.6	4.9	125.8	4.7	120.0	4.4
		30.4	150.6	5.9	142.4	5.4	135.2	5.1	131.6	4.9	125.8	4.7	120.0	4.4
		60.8	150.6	5.6	142.4	5.4	135.2	4.9	131.6	4.9	125.8	4.7	120.0	4.4
		76.0	150.6	5.6	142.4	5.4	135.2	4.9	131.6	4.9	125.8	4.7	120.0	4.4
		91.2	150.6	5.6	142.4	5.4	135.2	4.9	131.6	4.9	125.8	4.7	120.0	4.4
	86	24.3	150.6	5.4	142.4	4.9	135.2	4.7	131.6	4.4	125.8	4.5	120.0	4.2
		30.4	150.6	5.4	142.4	4.9	135.2	4.7	131.6	4.4	125.8	4.4	120.0	4.1
		60.8	150.6	5.1	142.4	4.7	135.2	4.4	131.6	4.4	125.8	4.1	120.0	3.9
		76.0	150.6	5.1	142.4	4.7	135.2	4.4	131.6	4.4	125.8	4.1	120.0	3.9
		91.2	150.6	5.1	142.4	4.7	135.2	4.4	131.6	4.4	125.8	4.1	120.0	3.9
	95	24.3	150.6	4.9	142.4	4.4	135.2	4.1	131.6	4.2	125.8	3.9	120.0	3.7
		30.4	150.6	4.9	142.4	4.4	135.2	4.1	131.6	4.1	125.8	3.9	120.0	3.7
		60.8	150.6	4.7	142.4	4.4	135.2	4.1	131.6	3.9	125.8	3.9	120.0	3.7
		76.0	150.6	4.7	142.4	4.4	135.2	4.1	131.6	3.9	125.8	3.9	120.0	3.7
		91.2	150.6	4.7	142.4	4.4	135.2	4.1	131.6	3.9	125.8	3.9	120.0	3.7
	104	24.3	150.6	4.5	142.4	4.2	135.2	4.0	131.6	3.7	125.8	3.7	120.0	3.4
		30.4	150.6	4.4	142.4	4.1	135.2	3.9	131.6	3.7	125.8	3.7	120.0	3.4
		60.8	150.6	4.1	142.4	3.9	135.2	3.7	131.6	3.7	125.8	3.4	120.0	3.4
		76.0	150.6	4.1	142.4	3.9	135.2	3.7	131.6	3.7	125.8	3.4	120.0	3.4
		91.2	150.6	4.1	142.4	3.9	135.2	3.7	131.6	3.7	125.8	3.4	120.0	3.4
	113	24.3	150.6	4.0	142.4	4.0	135.2	3.8	131.6	3.1	125.8	3.5	120.0	3.2
		30.4	150.6	3.9	142.4	3.9	135.2	3.7	131.6	3.2	125.8	3.4	120.0	3.2
		60.8	150.6	3.7	142.4	3.4	135.2	3.2	131.6	3.4	125.8	2.9	120.0	3.2
		76.0	150.6	3.7	142.4	3.4	135.2	3.2	131.6	3.4	125.8	2.9	120.0	3.2
		91.2	150.6	3.7	142.4	3.4	135.2	3.2	131.6	3.4	125.8	2.9	120.0	3.2

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN288BAS4, ARWB288BAS4

288,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
130	23	28.4	153.2	19.12	152.2	18.00	151.2	16.76	149.2	16.26	151.0	15.84	146.8	14.20
		35.5	158.6	19.46	157.4	18.36	156.4	17.12	154.4	16.62	156.2	16.18	152.0	14.52
		71.0	179.4	20.78	177.8	19.74	177.0	18.58	174.6	18.04	176.6	17.54	172.0	15.74
		88.8	198.4	22.10	196.6	21.10	195.4	20.02	192.8	19.48	195.4	18.92	190.2	16.96
		106.5	207.8	22.76	206.0	21.78	204.6	20.76	202.2	20.22	204.8	19.62	199.2	17.58
	32	28.4	273.8	26.16	267.6	25.38	261.8	24.54	256.2	23.86	257.0	23.20	245.4	20.78
		35.5	275.4	26.22	269.2	25.44	263.4	24.62	257.6	23.92	258.6	23.26	246.8	20.84
		71.0	282.2	26.50	275.2	25.68	269.4	24.90	263.8	24.22	264.6	23.52	252.8	21.10
		88.8	286.4	26.50	279.4	25.68	273.6	24.90	267.6	24.22	268.6	23.52	256.4	21.10
		106.5	288.4	26.50	281.6	25.68	275.8	24.90	269.6	24.22	270.6	23.52	258.4	21.10
	41	28.4	394.4	28.12	388.4	27.42	380.2	26.72	370.8	25.96	360.8	25.24	340.8	22.62
		35.5	395.8	28.24	389.2	27.54	380.4	26.86	370.8	26.10	360.8	25.38	340.8	22.74
		71.0	401.2	28.74	391.8	28.06	380.6	27.40	370.8	26.64	360.8	25.88	340.8	23.20
		88.8	403.6	28.94	393.0	28.24	380.6	27.58	370.8	26.82	360.8	26.06	340.8	23.36
		106.5	404.8	29.02	393.6	28.34	380.6	27.68	370.8	26.92	360.8	26.16	340.8	23.44
	50	28.4	394.8	25.58	388.4	24.72	379.2	24.26	369.2	23.72	359.4	22.90	339.6	20.66
		35.5	397.2	25.54	390.4	24.74	380.6	24.30	370.8	23.70	360.8	22.88	340.8	20.66
		71.0	406.6	25.34	397.6	24.84	386.6	24.50	376.8	23.68	366.2	22.82	346.4	20.58
		88.8	408.6	25.68	400.2	25.18	389.2	24.58	378.6	23.76	368.6	23.20	348.4	21.56
		106.5	409.8	25.86	401.6	25.36	390.4	24.64	379.4	23.82	369.8	23.40	349.4	22.06
	59	28.4	395.4	23.06	388.6	22.08	377.6	21.84	367.6	21.48	358.0	20.56	338.2	18.74
		35.5	398.8	22.82	391.6	21.98	380.6	21.78	370.8	21.32	360.8	20.40	340.8	18.58
		71.0	411.8	21.92	403.2	21.60	392.8	21.60	382.8	20.68	371.6	19.78	351.8	17.94
		88.8	413.8	22.44	407.2	22.10	397.6	21.60	386.6	20.68	376.8	20.34	356.0	19.78
		106.5	414.8	22.72	409.2	22.36	400.0	21.60	388.6	20.68	379.4	20.62	358.0	20.70
	68	28.4	410.6	21.16	403.0	20.16	392.4	19.72	381.6	19.10	370.4	18.66	348.4	18.10
		35.5	413.8	21.00	406.2	20.14	395.4	19.70	384.6	19.18	373.8	18.80	351.8	17.94
		71.0	426.8	20.40	419.2	20.08	407.4	19.64	396.6	19.48	386.6	19.30	364.6	17.34
		88.8	428.6	20.40	422.2	20.08	412.4	19.78	400.6	19.48	389.8	19.30	367.8	18.44
		106.5	429.4	20.40	423.8	20.08	414.8	19.84	402.6	19.48	391.2	19.30	369.2	19.00
	77	28.4	433.4	20.16	422.2	19.58	412.4	19.26	404.4	18.92	395.4	18.66	372.8	17.42
		35.5	433.4	20.08	422.2	19.56	412.4	19.18	404.4	18.86	395.4	18.58	372.8	17.34
		71.0	433.4	19.78	422.2	19.42	412.4	18.86	404.4	18.58	395.4	18.26	372.8	17.04
		88.8	433.4	19.48	422.2	18.92	412.4	18.58	404.4	18.26	395.4	17.94	372.8	16.74
		106.5	433.4	19.34	422.2	18.66	412.4	18.44	404.4	18.10	395.4	17.78	372.8	16.60
	86	28.4	433.4	19.64	422.2	18.66	412.4	18.50	404.4	18.02	395.4	17.82	372.8	16.58
		35.5	433.4	19.48	422.2	18.64	412.4	18.38	404.4	17.94	395.4	17.66	372.8	16.44
		71.0	433.4	18.86	422.2	18.52	412.4	17.94	404.4	17.66	395.4	17.04	372.8	15.84
		88.8	433.4	18.58	422.2	18.00	412.4	17.66	404.4	17.34	395.4	17.04	372.8	15.84
		106.5	433.4	18.44	422.2	17.76	412.4	17.52	404.4	17.18	395.4	17.04	372.8	15.84
	95	28.4	433.4	18.74	422.2	18.12	412.4	17.74	404.4	17.10	395.4	16.52	372.8	15.36
		35.5	433.4	18.58	422.2	18.00	412.4	17.66	404.4	17.04	395.4	16.44	372.8	15.20
		71.0	433.4	17.94	422.2	17.60	412.4	17.34	404.4	16.74	395.4	16.12	372.8	14.60
		88.8	433.4	17.94	422.2	17.40	412.4	17.04	404.4	16.44	395.4	15.84	372.8	14.60
		106.5	433.4	17.94	422.2	17.32	412.4	16.88	404.4	16.28	395.4	15.70	372.8	14.60
	104	28.4	433.4	18.10	422.2	17.52	412.4	17.18	404.4	16.58	395.4	16.00	372.8	14.44
		35.5	433.4	17.94	422.2	17.40	412.4	17.04	404.4	16.44	395.4	15.84	372.8	14.30
		71.0	433.4	17.34	422.2	16.96	412.4	16.44	404.4	15.84	395.4	15.20	372.8	13.70
		88.8	433.4	17.04	422.2	16.68	412.4	16.44	404.4	15.84	395.4	15.20	372.8	13.70
		106.5	433.4	16.88	422.2	16.54	412.4	16.44	404.4	15.84	395.4	15.20	372.8	13.70
	113	28.4	433.4	17.50	422.2	16.92	412.4	16.66	404.4	16.06	395.4	15.44	372.8	13.54
		35.5	433.4	17.34	422.2	16.82	412.4	16.44	404.4	15.84	395.4	15.20	372.8	13.38
		71.0	433.4	16.74	422.2	16.38	412.4	15.52	404.4	14.92	395.4	14.30	372.8	12.78
		88.8	433.4	16.12	422.2	15.96	412.4	15.84	404.4	15.20	395.4	14.60	372.8	12.78
		106.5	433.4	15.80	422.2	15.76	412.4	16.00	404.4	15.34	395.4	14.76	372.8	12.78

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN288BAS4, ARWB288BAS4

288,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
120	23	28.4	145.6	19.12	144.6	18.00	143.6	16.76	142.0	16.06	143.0	15.58	139.2	13.96
		35.5	150.6	19.46	149.4	18.36	148.6	17.12	146.8	16.40	148.0	15.94	144.0	14.26
		71.0	170.6	20.78	169.0	19.74	168.2	18.58	166.0	17.78	167.6	17.28	163.0	15.48
		88.8	188.4	22.10	186.8	21.10	185.6	20.02	183.6	19.20	185.0	18.64	180.0	16.68
		106.5	197.4	22.76	195.8	21.78	194.4	20.76	192.4	19.92	193.8	19.32	188.4	17.28
	32	28.4	260.4	26.16	254.0	25.38	248.6	24.54	243.6	23.50	243.6	22.86	232.4	20.44
		35.5	262.0	26.22	255.6	25.44	250.2	24.62	245.0	23.58	245.0	22.92	233.8	20.50
		71.0	268.0	26.50	261.6	25.68	256.2	24.90	250.8	23.86	250.8	23.18	239.6	20.74
		88.8	272.2	26.50	265.8	25.68	260.2	24.90	254.6	23.86	254.4	23.18	243.2	20.74
		106.5	274.2	26.50	268.0	25.68	262.0	24.90	256.6	23.86	256.2	23.18	245.0	20.74
	41	28.4	375.4	28.12	369.8	27.42	361.6	26.72	353.0	25.58	341.8	24.88	323.0	22.28
		35.5	376.8	28.24	370.4	27.54	361.6	26.86	353.0	25.72	341.8	25.00	323.0	22.38
		71.0	382.2	28.74	373.2	28.06	361.6	27.40	353.0	26.26	341.8	25.50	323.0	22.82
		88.8	384.2	28.94	371.0	28.24	361.6	27.58	353.0	26.44	341.8	25.68	323.0	22.98
		106.5	385.4	29.02	370.0	28.34	361.6	27.68	353.0	26.54	341.8	25.78	323.0	23.06
	50	28.4	376.8	25.26	369.8	24.56	360.6	24.06	352.0	23.32	340.8	22.56	322.2	20.28
		35.5	378.6	25.34	371.4	24.66	361.6	24.14	353.0	23.36	341.8	22.54	323.0	20.30
		71.0	385.4	25.68	377.4	25.02	365.6	24.50	356.8	23.48	345.4	22.48	326.4	20.40
		88.8	387.6	25.60	376.2	25.02	367.0	24.58	358.4	23.58	347.0	22.58	328.0	21.10
		106.5	388.6	25.54	375.6	25.02	367.8	24.64	359.2	23.62	347.6	22.62	328.6	21.44
	59	28.4	377.8	22.40	370.2	21.74	359.6	21.40	351.0	21.08	340.0	20.24	321.4	18.34
		35.5	380.0	22.44	372.6	21.78	361.6	21.44	353.0	21.00	341.8	20.08	323.0	18.26
		71.0	388.8	22.64	381.6	21.98	369.8	21.60	360.8	20.68	348.8	19.48	330.0	17.94
		88.8	391.0	22.28	381.2	21.78	372.8	21.60	363.8	20.68	351.8	19.48	333.0	19.18
		106.5	392.0	22.12	381.2	21.70	374.4	21.60	365.4	20.68	353.2	19.48	334.6	19.80
	68	28.4	388.4	20.14	381.0	19.30	369.6	18.78	359.4	18.50	347.8	18.28	329.0	17.34
		35.5	391.0	20.14	383.4	19.36	371.6	18.86	361.6	18.58	350.0	18.26	331.0	17.28
		71.0	400.8	20.14	392.4	19.64	379.8	19.18	370.8	18.86	358.6	18.20	338.8	17.04
		88.8	402.6	19.96	392.2	19.48	382.8	19.18	372.8	18.86	360.8	18.26	340.8	17.66
		106.5	403.6	19.86	392.0	19.40	384.2	19.18	373.8	18.86	361.8	18.30	342.0	17.98
	77	28.4	407.2	19.06	395.4	18.16	382.8	17.82	374.6	17.42	364.6	17.10	344.8	15.92
		35.5	407.4	18.98	395.4	18.14	382.8	17.78	374.6	17.34	364.6	17.04	344.8	15.84
		71.0	408.4	18.70	395.4	18.00	382.8	17.66	374.6	17.04	364.6	16.74	344.8	15.52
		88.8	409.6	18.00	395.4	17.54	382.8	17.34	374.6	17.04	364.6	16.44	344.8	15.52
		106.5	410.2	17.66	395.4	17.30	382.8	17.18	374.6	17.04	364.6	16.28	344.8	15.52
	86	28.4	409.6	18.22	395.4	17.32	382.8	16.82	374.6	16.20	364.6	16.00	344.8	14.68
		35.5	409.6	18.08	395.4	17.22	382.8	16.74	374.6	16.12	364.6	15.84	344.8	14.60
		71.0	409.6	17.48	395.4	16.82	382.8	16.44	374.6	15.84	364.6	15.20	344.8	14.30
		88.8	409.6	16.90	395.4	16.44	382.8	16.12	374.6	15.84	364.6	15.20	344.8	14.00
		106.5	409.6	16.62	395.4	16.24	382.8	15.96	374.6	15.84	364.6	15.20	344.8	13.86
	95	28.4	409.6	17.40	395.4	16.46	382.8	16.00	374.6	15.36	364.6	14.76	344.8	13.46
		35.5	409.6	17.16	395.4	16.30	382.8	15.84	374.6	15.20	364.6	14.60	344.8	13.38
		71.0	409.6	16.18	395.4	15.70	382.8	15.20	374.6	14.60	364.6	14.00	344.8	13.10
		88.8	409.6	16.00	395.4	15.58	382.8	15.20	374.6	14.60	364.6	14.00	344.8	12.78
		106.5	409.6	15.90	395.4	15.52	382.8	15.20	374.6	14.60	364.6	14.00	344.8	12.62
	104	28.4	409.6	16.88	395.4	15.70	382.8	15.08	374.6	14.44	364.6	13.84	344.8	12.54
		35.5	409.6	16.56	395.4	15.52	382.8	14.92	374.6	14.30	364.6	13.70	344.8	12.46
		71.0	409.6	15.26	395.4	14.80	382.8	14.30	374.6	13.70	364.6	13.10	344.8	12.18
		88.8	409.6	15.08	395.4	14.60	382.8	14.30	374.6	13.70	364.6	13.10	344.8	11.86
		106.5	409.6	14.98	395.4	14.52	382.8	14.30	374.6	13.70	364.6	13.10	344.8	11.72
	113	28.4	409.6	16.36	395.4	14.94	382.8	14.16	374.6	13.54	364.6	12.94	344.8	11.62
		35.5	409.6	15.96	395.4	14.74	382.8	14.00	374.6	13.38	364.6	12.78	344.8	11.56
		71.0	409.6	14.36	395.4	13.88	382.8	13.38	374.6	12.78	364.6	12.18	344.8	11.28
		88.8	409.6	14.16	395.4	13.64	382.8	13.38	374.6	12.78	364.6	12.18	344.8	10.96
		106.5	409.6	14.08	395.4	13.50	382.8	13.38	374.6	12.78	364.6	12.18	344.8	10.80

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN288BAS4, ARWB288BAS4
288,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
110	23	28.4	137.8	19.38	137.0	18.00	136.0	16.76	134.6	16.06	135.0	15.58	132.0	13.96
		35.5	142.6	19.70	141.6	18.36	140.8	17.12	139.2	16.40	139.6	15.94	136.6	14.26
		71.0	161.2	21.04	160.4	19.74	159.4	18.58	157.6	17.78	157.6	17.28	154.6	15.48
		88.8	178.2	22.38	177.0	21.10	176.0	20.02	174.2	19.20	174.2	18.64	170.6	16.68
		106.5	186.6	23.06	185.2	21.78	184.4	20.76	182.6	19.92	182.6	19.32	178.6	17.28
	32	28.4	246.4	26.50	240.8	25.38	235.8	24.54	231.4	23.50	229.2	22.86	220.6	20.44
		35.5	247.8	26.58	242.4	25.44	237.2	24.62	232.6	23.58	230.6	22.92	221.8	20.50
		71.0	253.4	26.82	248.0	25.68	242.6	24.90	238.2	23.86	236.0	23.18	227.0	20.74
		88.8	257.4	26.82	252.0	25.68	246.6	24.90	241.8	23.86	239.6	23.18	230.2	20.74
		106.5	259.4	26.82	254.0	25.68	248.6	24.90	243.6	23.86	241.4	23.18	232.0	20.74
	41	28.4	359.2	28.50	350.8	27.42	342.6	26.72	334.8	25.58	321.8	24.88	306.2	22.28
		35.5	360.4	28.62	351.4	27.54	342.6	26.86	334.8	25.72	321.8	25.00	306.2	22.38
		71.0	365.2	29.12	354.2	28.06	343.0	27.40	334.8	26.26	321.8	25.50	306.2	22.82
		88.8	367.4	29.32	355.0	28.24	343.0	27.58	334.8	26.44	321.8	25.68	306.2	22.98
		106.5	368.4	29.40	355.4	28.34	343.0	27.68	334.8	26.54	321.8	25.78	306.2	23.06
	50	28.4	360.6	25.54	351.8	24.68	342.2	24.14	334.4	23.32	321.4	22.56	305.8	20.28
		35.5	362.0	25.60	352.6	24.74	342.6	24.22	334.8	23.36	321.8	22.54	306.2	20.30
		71.0	367.4	25.78	356.2	25.02	344.8	24.50	337.0	23.48	324.0	22.48	307.8	20.40
		88.8	369.6	25.78	357.8	25.02	346.0	24.44	337.6	23.42	324.6	22.58	308.6	20.62
		106.5	370.6	25.78	358.6	25.02	346.6	24.40	337.8	23.40	325.0	22.62	309.0	20.74
	59	28.4	361.6	22.60	352.2	21.98	342.0	21.60	333.8	21.08	320.8	20.24	305.4	18.34
		35.5	363.2	22.58	353.6	21.98	343.0	21.60	334.8	21.00	321.8	20.08	306.2	18.26
		71.0	369.2	22.44	358.6	21.98	347.0	21.60	338.8	20.68	326.2	19.48	309.2	17.94
		88.8	371.4	22.28	360.4	21.78	348.8	21.32	340.0	20.40	327.0	19.48	311.0	18.26
		106.5	372.4	22.22	361.4	21.70	349.6	21.18	340.6	20.26	327.4	19.48	312.0	18.42
	68	28.4	368.4	19.52	358.4	19.04	346.8	18.58	337.4	18.26	325.2	17.74	308.0	16.60
		35.5	370.4	19.56	359.6	19.04	347.8	18.58	338.8	18.26	326.2	17.66	309.2	16.56
		71.0	378.2	19.70	364.4	19.04	351.8	18.58	343.8	18.26	330.0	17.34	314.0	16.44
		88.8	380.4	19.70	367.4	19.04	353.8	18.58	344.8	17.94	331.8	17.34	315.0	16.44
		106.5	381.4	19.70	369.0	19.04	355.0	18.58	345.2	17.78	332.8	17.34	315.4	16.44
	77	28.4	380.0	17.76	368.6	17.10	353.8	16.82	346.0	16.20	334.0	15.60	316.2	14.30
		35.5	380.6	17.72	368.6	17.04	353.8	16.74	346.0	16.12	334.0	15.52	316.2	14.30
		71.0	383.6	17.60	368.6	16.74	353.8	16.44	346.0	15.84	334.0	15.20	316.2	14.30
		88.8	385.4	17.60	368.6	16.82	353.8	16.12	346.0	15.84	334.0	14.92	316.2	14.00
		106.5	386.4	17.60	368.6	16.84	353.8	15.96	346.0	15.84	334.0	14.78	316.2	13.86
	86	28.4	385.4	16.20	368.6	15.60	353.8	15.00	346.0	14.68	334.0	13.78	316.2	12.86
		35.5	385.4	16.12	368.6	15.52	353.8	14.92	346.0	14.60	334.0	13.70	316.2	12.78
		71.0	385.4	15.84	368.6	15.20	353.8	14.60	346.0	14.30	334.0	13.38	316.2	12.46
		88.8	385.4	15.70	368.6	14.92	353.8	14.30	346.0	14.00	334.0	13.38	316.2	12.46
		106.5	385.4	15.64	368.6	14.78	353.8	14.14	346.0	13.86	334.0	13.38	316.2	12.46
	95	28.4	385.4	15.36	368.6	14.36	353.8	13.78	346.0	13.18	334.0	12.54	316.2	11.62
		35.5	385.4	15.20	368.6	14.30	353.8	13.70	346.0	13.10	334.0	12.46	316.2	11.56
		71.0	385.4	14.60	368.6	14.00	353.8	13.38	346.0	12.78	334.0	12.18	316.2	11.28
		88.8	385.4	14.24	368.6	13.70	353.8	13.10	346.0	12.78	334.0	12.18	316.2	11.28
		106.5	385.4	14.04	368.6	13.54	353.8	12.96	346.0	12.78	334.0	12.18	316.2	11.28
	104	28.4	385.4	14.44	368.6	13.84	353.8	12.94	346.0	12.26	334.0	11.62	316.2	10.72
		35.5	385.4	14.30	368.6	13.70	353.8	12.78	346.0	12.18	334.0	11.56	316.2	10.64
		71.0	385.4	13.70	368.6	13.10	353.8	12.18	346.0	11.86	334.0	11.28	316.2	10.36
		88.8	385.4	13.50	368.6	12.78	353.8	12.18	346.0	11.56	334.0	10.96	316.2	10.04
		106.5	385.4	13.42	368.6	12.62	353.8	12.18	346.0	11.40	334.0	10.80	316.2	9.88
	113	28.4	385.4	13.54	368.6	13.32	353.8	12.10	346.0	11.36	334.0	10.72	316.2	9.80
		35.5	385.4	13.38	368.6	13.10	353.8	11.86	346.0	11.28	334.0	10.64	316.2	9.72
		71.0	385.4	12.78	368.6	12.18	353.8	10.96	346.0	10.96	334.0	10.36	316.2	9.44
		88.8	385.4	12.78	368.6	11.86	353.8	11.28	346.0	10.36	334.0	9.72	316.2	8.82
		106.5	385.4	12.78	368.6	11.72	353.8	11.42	346.0	10.06	334.0	9.42	316.2	8.50

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

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HEATING CAPACITY DATA

ARWN288BAS4, ARWB288BAS4
288,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
100	23	28.4	130.2	19.38	129.4	18.26	128.8	16.76	127.6	16.06	126.4	15.34	124.0	13.96
		35.5	134.8	19.70	133.8	18.60	133.2	17.12	132.0	16.40	130.8	15.68	128.4	14.26
		71.0	152.6	21.04	151.6	20.00	150.6	18.58	149.2	17.78	148.0	17.04	145.6	15.48
		88.8	168.4	22.38	167.2	21.38	166.4	20.02	164.8	19.20	163.6	18.36	160.6	16.68
		106.5	176.6	23.06	175.2	22.08	174.2	20.76	172.8	19.92	171.6	19.02	168.2	17.28
	32	28.4	232.8	26.50	227.6	25.72	223.0	24.54	219.0	23.50	215.2	22.50	207.6	20.44
		35.5	234.2	26.58	229.0	25.78	224.2	24.62	220.4	23.58	216.4	22.58	208.8	20.50
		71.0	239.6	26.82	234.4	26.04	229.4	24.90	225.4	23.86	221.6	22.82	213.6	20.74
		88.8	243.2	26.82	238.2	26.04	233.0	24.90	228.8	23.86	224.8	22.82	217.0	20.74
		106.5	245.0	26.82	240.0	26.04	234.8	24.90	230.4	23.86	226.6	22.82	218.6	20.74
	41	28.4	343.6	28.50	332.2	27.80	323.6	26.72	317.0	25.58	302.0	24.50	288.2	22.28
		35.5	344.8	28.62	332.8	27.92	323.6	26.86	317.0	25.72	302.0	24.62	288.2	22.38
		71.0	349.6	29.12	335.2	28.42	324.0	27.40	317.0	26.26	302.0	25.12	288.2	22.82
		88.8	351.8	29.32	336.0	28.62	324.0	27.58	317.0	26.44	302.0	25.28	288.2	22.98
		106.5	352.8	29.40	336.6	28.72	324.0	27.68	317.0	26.54	302.0	25.36	288.2	23.06
	50	28.4	345.4	25.48	333.2	24.92	324.0	24.14	317.0	23.32	302.0	22.18	288.2	20.28
		35.5	346.4	25.60	333.6	25.00	324.0	24.22	317.0	23.36	302.0	22.20	288.2	20.30
		71.0	349.6	26.06	335.4	25.32	324.0	24.50	317.0	23.48	302.0	22.28	288.2	20.40
		88.8	352.0	25.98	337.0	25.32	324.0	24.44	317.0	23.42	302.0	22.22	288.2	20.30
		106.5	353.2	25.92	337.8	25.32	324.0	24.40	317.0	23.40	302.0	22.20	288.2	20.26
	59	28.4	347.4	22.46	334.6	22.08	324.0	21.60	317.0	21.08	302.0	19.84	288.2	18.34
		35.5	347.8	22.58	334.8	22.10	324.0	21.60	317.0	21.00	302.0	19.78	288.2	18.26
		71.0	349.6	23.02	335.8	22.16	324.0	21.60	317.0	20.68	302.0	19.48	288.2	17.94
		88.8	352.6	22.64	337.6	21.98	324.0	21.32	317.0	20.40	302.0	19.18	288.2	17.66
		106.5	354.2	22.44	338.4	21.88	324.0	21.18	317.0	20.26	302.0	19.02	288.2	17.52
	68	28.4	349.2	19.22	336.4	18.72	324.0	18.26	317.0	18.02	302.0	16.82	288.2	16.00
		35.5	350.6	19.30	336.6	18.74	324.0	18.26	317.0	17.94	302.0	16.74	288.2	15.84
		71.0	355.6	19.64	337.6	18.80	324.0	18.26	317.0	17.66	302.0	16.44	288.2	15.20
		88.8	357.8	19.30	340.6	18.64	324.0	17.94	317.0	17.34	302.0	16.12	288.2	14.92
		106.5	358.8	19.12	342.0	18.56	324.0	17.78	317.0	17.18	302.0	15.96	288.2	14.78
	77	28.4	353.4	16.80	341.8	16.26	324.0	15.60	317.0	15.00	302.0	14.08	288.2	12.78
		35.5	354.8	16.82	341.8	16.18	324.0	15.52	317.0	14.92	302.0	14.00	288.2	12.78
		71.0	359.8	16.88	341.8	15.84	324.0	15.20	317.0	14.60	302.0	13.70	288.2	12.78
		88.8	361.6	16.50	341.8	15.70	324.0	14.92	317.0	14.30	302.0	13.70	288.2	12.46
		106.5	362.6	16.30	341.8	15.64	324.0	14.78	317.0	14.14	302.0	13.70	288.2	12.30
	86	28.4	361.6	15.28	341.8	14.08	324.0	13.12	317.0	12.86	302.0	11.86	288.2	11.36
		35.5	361.6	15.20	341.8	14.00	324.0	13.10	317.0	12.78	302.0	11.86	288.2	11.28
		71.0	361.6	14.92	341.8	13.70	324.0	12.98	317.0	12.46	302.0	11.86	288.2	10.96
		88.8	361.6	14.60	341.8	13.70	324.0	12.78	317.0	12.46	302.0	11.56	288.2	10.96
		106.5	361.6	14.44	341.8	13.70	324.0	12.68	317.0	12.46	302.0	11.40	288.2	10.96
	95	28.4	361.6	14.16	341.8	12.94	324.0	11.58	317.0	11.36	302.0	10.72	288.2	9.80
		35.5	361.6	14.00	341.8	12.78	324.0	11.56	317.0	11.28	302.0	10.64	288.2	9.72
		71.0	361.6	13.38	341.8	12.18	324.0	11.42	317.0	10.96	302.0	10.36	288.2	9.44
		88.8	361.6	13.38	341.8	12.18	324.0	11.28	317.0	10.96	302.0	10.36	288.2	9.44
		106.5	361.6	13.38	341.8	12.18	324.0	11.20	317.0	10.96	302.0	10.36	288.2	9.44
	104	28.4	361.6	13.26	341.8	12.02	324.0	10.38	317.0	10.12	302.0	9.52	288.2	8.88
		35.5	361.6	13.10	341.8	11.86	324.0	10.36	317.0	10.04	302.0	9.44	288.2	8.82
		71.0	361.6	12.46	341.8	11.28	324.0	10.24	317.0	9.72	302.0	9.14	288.2	8.54
		88.8	361.6	12.18	341.8	11.28	324.0	10.04	317.0	9.72	302.0	9.14	288.2	8.54
		106.5	361.6	12.04	341.8	11.28	324.0	9.94	317.0	9.72	302.0	9.14	288.2	8.54
	113	28.4	361.6	12.34	341.8	11.10	324.0	9.16	317.0	8.88	302.0	8.30	288.2	7.98
		35.5	361.6	12.18	341.8	10.96	324.0	9.14	317.0	8.82	302.0	8.22	288.2	7.90
		71.0	361.6	11.56	341.8	10.36	324.0	9.00	317.0	8.54	302.0	7.90	288.2	7.62
		88.8	361.6	10.96	341.8	10.36	324.0	8.82	317.0	8.54	302.0	7.90	288.2	7.62
		106.5	361.6	10.66	341.8	10.36	324.0	8.72	317.0	8.54	302.0	7.90	288.2	7.62

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN288BAS4, ARWB288BAS4

288,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
90	23	28.4	123.0	17.98	119.2	16.38	115.6	14.38	114.8	13.70	113.8	13.22	112.0	11.86
		35.5	127.2	18.30	123.2	16.68	119.6	14.70	118.8	14.00	117.8	13.50	115.8	12.12
		71.0	144.0	19.52	139.6	17.92	135.4	15.96	134.4	15.20	133.6	14.68	130.8	13.16
		88.8	159.2	20.74	154.0	19.18	149.4	17.22	148.2	16.40	147.4	15.80	144.6	14.20
		106.5	166.8	21.36	161.4	19.80	156.6	17.86	155.2	17.00	154.4	16.38	151.6	14.72
	32	28.4	220.0	24.50	209.8	22.98	200.2	21.10	197.2	20.12	193.8	19.36	186.6	17.40
		35.5	221.2	24.56	211.0	23.04	201.4	21.16	198.4	20.18	195.0	19.42	187.8	17.44
		71.0	226.4	24.80	215.8	23.30	206.2	21.38	202.8	20.40	199.6	19.64	192.2	17.64
		88.8	229.6	24.80	219.2	23.30	209.4	21.38	205.8	20.40	202.8	19.64	195.4	17.64
		106.5	231.4	24.80	220.8	23.30	211.2	21.38	207.4	20.40	204.6	19.64	196.8	17.64
	41	28.4	310.8	26.30	300.8	24.82	291.2	22.96	285.2	21.90	272.4	21.08	259.6	18.92
		35.5	311.0	26.42	300.4	24.94	291.2	23.08	285.2	22.00	272.4	21.18	259.6	19.02
		71.0	312.2	26.88	299.6	25.40	291.2	23.52	285.2	22.44	272.4	21.62	259.6	19.40
		88.8	314.0	27.04	300.4	25.56	291.2	23.70	285.2	22.60	272.4	21.78	259.6	19.56
		106.5	315.0	27.12	301.0	25.64	291.2	23.80	285.2	22.68	272.4	21.86	259.6	19.64
	50	28.4	312.4	23.22	301.8	22.08	291.2	20.78	285.2	19.94	272.4	19.12	259.6	17.24
		35.5	312.2	23.24	301.4	22.10	291.2	20.82	285.2	19.96	272.4	19.12	259.6	17.26
		71.0	311.6	23.30	299.8	22.20	291.2	20.90	285.2	20.06	272.4	19.04	259.6	17.32
		88.8	313.8	23.24	300.8	22.14	291.2	20.84	285.2	20.00	272.4	19.12	259.6	17.38
		106.5	314.8	23.20	301.2	22.10	291.2	20.80	285.2	19.96	272.4	19.14	259.6	17.42
	59	28.4	314.0	20.10	302.8	19.38	291.2	18.66	285.2	18.02	272.4	17.18	259.6	15.60
		35.5	313.4	20.02	302.2	19.30	291.2	18.58	285.2	17.94	272.4	17.04	259.6	15.52
		71.0	311.4	19.70	300.2	18.98	291.2	18.26	285.2	17.66	272.4	16.44	259.6	15.20
		88.8	313.4	19.42	301.0	18.70	291.2	17.94	285.2	17.34	272.4	16.44	259.6	15.20
		106.5	314.6	19.28	301.6	18.56	291.2	17.78	285.2	17.18	272.4	16.44	259.6	15.20
	68	28.4	315.8	16.96	304.2	16.48	291.2	15.92	285.2	15.28	272.4	14.76	259.6	13.84
		35.5	315.6	16.96	303.6	16.44	291.2	15.84	285.2	15.20	272.4	14.60	259.6	13.70
		71.0	314.4	16.96	301.0	16.24	291.2	15.52	285.2	14.92	272.4	14.00	259.6	13.10
		88.8	315.2	16.68	302.0	16.12	291.2	15.52	285.2	14.92	272.4	14.00	259.6	13.10
		106.5	315.8	16.54	302.4	16.06	291.2	15.52	285.2	14.92	272.4	14.00	259.6	13.10
	77	28.4	321.2	14.82	308.0	14.04	291.2	13.46	285.2	12.78	272.4	12.26	259.6	11.36
		35.5	321.8	14.80	308.0	14.00	291.2	13.38	285.2	12.78	272.4	12.18	259.6	11.28
		71.0	325.0	14.68	308.0	13.88	291.2	13.10	285.2	12.78	272.4	11.86	259.6	10.96
		88.8	326.2	14.30	308.0	13.56	291.2	13.10	285.2	12.46	272.4	11.86	259.6	10.96
		106.5	326.8	14.10	308.0	13.42	291.2	13.10	285.2	12.30	272.4	11.86	259.6	10.96
	86	28.4	326.2	13.46	308.0	12.54	291.2	11.62	285.2	11.36	272.4	10.72	259.6	9.72
		35.5	326.2	13.38	308.0	12.46	291.2	11.56	285.2	11.28	272.4	10.64	259.6	9.72
		71.0	326.2	13.10	308.0	12.18	291.2	11.28	285.2	10.96	272.4	10.36	259.6	9.72
		88.8	326.2	12.78	308.0	11.86	291.2	11.28	285.2	10.96	272.4	10.36	259.6	9.44
		106.5	326.2	12.62	308.0	11.72	291.2	11.28	285.2	10.96	272.4	10.36	259.6	9.30
	95	28.4	326.2	12.26	308.0	11.36	291.2	10.44	285.2	10.12	272.4	9.52	259.6	8.88
		35.5	326.2	12.18	308.0	11.28	291.2	10.36	285.2	10.04	272.4	9.44	259.6	8.82
		71.0	326.2	11.86	308.0	10.96	291.2	10.04	285.2	9.72	272.4	9.14	259.6	8.54
		88.8	326.2	11.56	308.0	10.64	291.2	9.72	285.2	9.44	272.4	9.14	259.6	8.54
		106.5	326.2	11.40	308.0	10.48	291.2	9.56	285.2	9.30	272.4	9.14	259.6	8.54
	104	28.4	326.2	11.42	308.0	10.44	291.2	9.20	285.2	8.88	272.4	8.62	259.6	7.98
		35.5	326.2	11.28	308.0	10.36	291.2	9.14	285.2	8.82	272.4	8.54	259.6	7.90
		71.0	326.2	10.64	308.0	10.04	291.2	8.82	285.2	8.54	272.4	8.22	259.6	7.62
		88.8	326.2	10.64	308.0	10.04	291.2	8.82	285.2	8.54	272.4	8.22	259.6	7.62
		106.5	326.2	10.64	308.0	10.04	291.2	8.82	285.2	8.54	272.4	8.22	259.6	7.62
	113	28.4	326.2	10.58	308.0	9.52	291.2	7.98	285.2	7.70	272.4	7.70	259.6	7.06
		35.5	326.2	10.36	308.0	9.44	291.2	7.90	285.2	7.62	272.4	7.62	259.6	6.98
		71.0	326.2	9.44	308.0	9.14	291.2	7.62	285.2	7.30	272.4	7.30	259.6	6.70
		88.8	326.2	9.72	308.0	9.44	291.2	7.90	285.2	7.62	272.4	7.30	259.6	6.70
		106.5	326.2	9.88	308.0	9.60	291.2	8.04	285.2	7.78	272.4	7.30	259.6	6.70

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN288BAS4, ARWB288BAS4

288,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
80	23	28.4	116.2	12.82	109.0	12.32	103.2	11.80	102.0	11.40	101.4	10.88	99.4	10.02
		35.5	120.2	13.10	112.8	12.60	106.6	12.06	105.4	11.64	104.8	11.12	102.8	10.24
		71.0	136.0	14.24	127.4	13.66	120.6	13.06	119.4	12.62	118.8	12.06	116.4	11.08
		88.8	150.4	15.34	140.8	14.74	133.2	14.10	131.8	13.64	131.2	13.00	128.4	11.96
		106.5	157.6	15.88	147.4	15.28	139.6	14.62	138.0	14.14	137.4	13.48	134.4	12.40
	32	28.4	207.6	18.80	191.4	18.04	178.2	17.30	175.0	16.70	172.6	15.92	166.0	14.66
		35.5	208.8	18.86	192.6	18.10	179.4	17.34	176.0	16.74	173.6	15.96	167.0	14.70
		71.0	214.0	19.08	197.2	18.32	183.6	17.54	180.2	16.94	177.8	16.16	170.8	14.86
		88.8	217.0	19.08	200.2	18.32	186.6	17.54	183.0	16.94	180.6	16.16	173.6	14.86
		106.5	218.6	19.08	201.6	18.32	188.0	17.54	184.4	16.94	182.0	16.16	175.0	14.86
	41	28.4	287.2	20.44	271.0	19.68	259.2	18.78	253.4	18.16	242.6	17.32	230.6	15.94
		35.5	287.8	20.56	271.6	19.78	259.2	18.88	253.4	18.26	242.6	17.40	230.6	16.02
		71.0	290.2	21.00	273.6	20.14	259.6	19.30	253.4	18.64	242.6	17.76	230.6	16.38
		88.8	290.2	21.12	273.4	20.30	259.6	19.42	253.4	18.76	242.6	17.88	230.6	16.46
		106.5	290.2	21.18	273.2	20.38	259.6	19.48	253.4	18.82	242.6	17.94	230.6	16.52
	50	28.4	288.8	18.82	272.2	17.96	259.2	17.06	253.4	16.58	242.6	15.70	230.6	14.54
		35.5	289.0	18.80	272.4	17.94	259.2	17.06	253.4	16.60	242.6	15.70	230.6	14.54
		71.0	290.2	18.70	273.6	17.86	259.6	17.10	253.4	16.62	242.6	15.74	230.6	14.58
		88.8	290.2	18.64	273.4	17.92	259.6	17.16	253.4	16.52	242.6	15.64	230.6	14.48
		106.5	290.2	18.60	273.2	17.94	259.6	17.18	253.4	16.48	242.6	15.60	230.6	14.44
	59	28.4	290.2	17.18	273.4	16.28	259.6	15.28	253.4	15.00	242.6	14.08	230.6	13.18
		35.5	290.2	17.04	273.4	16.12	259.6	15.20	253.4	14.92	242.6	14.00	230.6	13.10
		71.0	290.2	16.44	273.4	15.52	259.6	14.92	253.4	14.60	242.6	13.70	230.6	12.78
		88.8	290.2	16.12	273.4	15.52	259.6	14.92	253.4	14.30	242.6	13.38	230.6	12.46
		106.5	290.2	15.96	273.4	15.52	259.6	14.92	253.4	14.14	242.6	13.22	230.6	12.30
	68	28.4	290.2	14.36	273.4	13.78	259.6	13.10	253.4	12.86	242.6	12.26	230.6	11.36
		35.5	290.2	14.30	273.4	13.70	259.6	13.10	253.4	12.78	242.6	12.18	230.6	11.28
		71.0	290.2	14.00	273.4	13.38	259.6	13.10	253.4	12.46	242.6	11.86	230.6	10.96
		88.8	290.2	13.70	273.4	13.10	259.6	12.78	253.4	12.46	242.6	11.56	230.6	10.96
		106.5	290.2	13.54	273.4	12.96	259.6	12.62	253.4	12.46	242.6	11.40	230.6	10.96
	77	28.4	290.2	12.86	273.4	11.94	259.6	11.28	253.4	11.04	242.6	10.44	230.6	9.80
		35.5	290.2	12.78	273.4	11.86	259.6	11.28	253.4	10.96	242.6	10.36	230.6	9.72
		71.0	290.2	12.46	273.4	11.56	259.6	11.28	253.4	10.64	242.6	10.04	230.6	9.44
		88.8	290.2	12.18	273.4	11.56	259.6	10.96	253.4	10.64	242.6	10.04	230.6	9.44
		106.5	290.2	12.04	273.4	11.56	259.6	10.80	253.4	10.64	242.6	10.04	230.6	9.44
	86	28.4	290.2	11.36	273.4	10.72	259.6	10.12	253.4	9.80	242.6	9.20	230.6	8.62
		35.5	290.2	11.28	273.4	10.64	259.6	10.04	253.4	9.72	242.6	9.14	230.6	8.54
		71.0	290.2	10.96	273.4	10.36	259.6	9.72	253.4	9.44	242.6	8.82	230.6	8.22
		88.8	290.2	10.96	273.4	10.36	259.6	9.72	253.4	9.44	242.6	8.82	230.6	8.22
		106.5	290.2	10.96	273.4	10.36	259.6	9.72	253.4	9.44	242.6	8.82	230.6	8.22
	95	28.4	290.2	10.44	273.4	9.80	259.6	8.88	253.4	8.54	242.6	8.30	230.6	7.62
		35.5	290.2	10.36	273.4	9.72	259.6	8.82	253.4	8.54	242.6	8.22	230.6	7.62
		71.0	290.2	10.04	273.4	9.44	259.6	8.54	253.4	8.54	242.6	7.90	230.6	7.62
		88.8	290.2	10.04	273.4	9.14	259.6	8.54	253.4	8.22	242.6	7.90	230.6	7.30
		106.5	290.2	10.04	273.4	8.98	259.6	8.54	253.4	8.06	242.6	7.90	230.6	7.14
	104	28.4	290.2	9.88	273.4	8.88	259.6	7.90	253.4	7.98	242.6	7.30	230.6	7.06
		35.5	290.2	9.72	273.4	8.82	259.6	7.90	253.4	7.90	242.6	7.30	230.6	6.98
		71.0	290.2	9.14	273.4	8.54	259.6	7.90	253.4	7.62	242.6	7.30	230.6	6.70
		88.8	290.2	9.14	273.4	8.54	259.6	7.62	253.4	7.62	242.6	7.30	230.6	6.70
		106.5	290.2	9.14	273.4	8.54	259.6	7.48	253.4	7.62	242.6	7.30	230.6	6.70
	113	28.4	290.2	9.36	273.4	7.98	259.6	6.90	253.4	7.46	242.6	6.32	230.6	6.54
		35.5	290.2	9.14	273.4	7.90	259.6	6.98	253.4	7.30	242.6	6.40	230.6	6.40
		71.0	290.2	8.22	273.4	7.62	259.6	7.30	253.4	6.70	242.6	6.70	230.6	5.80
		88.8	290.2	8.22	273.4	7.90	259.6	6.70	253.4	6.98	242.6	6.70	230.6	6.08
		106.5	290.2	8.22	273.4	8.04	259.6	6.40	253.4	7.14	242.6	6.70	230.6	6.22

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN288BAS4, ARWB288BAS4
288,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
70	23	28.4	101.4	11.00	95.2	10.48	90.0	10.14	89.2	9.56	88.6	9.22	87.2	8.38
		35.5	104.8	11.24	98.6	10.70	93.2	10.36	92.2	9.76	91.6	9.42	90.2	8.56
		71.0	118.8	12.18	111.6	11.62	105.2	11.24	104.2	10.58	103.6	10.20	101.8	9.28
		88.8	131.4	13.16	123.2	12.54	116.4	12.12	115.4	11.40	114.6	11.02	112.4	10.02
		106.5	137.8	13.66	129.2	13.00	122.0	12.56	121.0	11.80	120.0	11.44	117.8	10.38
	32	28.4	181.6	16.10	167.8	15.36	155.8	14.84	153.0	13.98	150.6	13.50	145.4	12.28
		35.5	182.6	16.16	168.8	15.40	156.8	14.90	154.0	14.00	151.6	13.54	146.2	12.30
		71.0	186.8	16.34	172.6	15.56	160.4	15.08	157.6	14.16	155.2	13.70	149.4	12.44
		88.8	189.6	16.34	175.4	15.56	162.8	15.08	160.0	14.16	157.6	13.70	152.0	12.44
		106.5	191.0	16.34	176.8	15.56	164.0	15.08	161.2	14.16	158.8	13.70	153.2	12.44
	41	28.4	250.8	17.54	237.6	16.70	226.2	16.16	221.6	15.22	211.6	14.68	201.6	13.34
		35.5	251.4	17.64	238.2	16.78	226.4	16.24	221.6	15.30	211.6	14.76	201.6	13.42
		71.0	253.4	17.98	240.0	17.12	226.6	16.60	221.6	15.58	211.6	15.08	201.6	13.70
		88.8	253.4	18.10	239.6	17.26	226.6	16.72	221.6	15.70	211.6	15.18	201.6	13.78
		106.5	253.4	18.16	239.4	17.32	226.6	16.78	221.6	15.78	211.6	15.22	201.6	13.84
	50	28.4	252.0	16.16	238.4	15.26	226.6	14.70	221.6	13.88	211.6	13.32	201.6	12.18
		35.5	252.2	16.12	238.8	15.24	226.6	14.68	221.6	13.88	211.6	13.32	201.6	12.18
		71.0	253.4	16.00	239.6	15.12	226.6	14.54	221.6	13.88	211.6	13.32	201.6	12.18
		88.8	253.4	16.06	239.6	15.18	226.6	14.60	221.6	13.94	211.6	13.22	201.6	12.22
		106.5	253.4	16.08	239.6	15.20	226.6	14.64	221.6	13.98	211.6	13.18	201.6	12.24
	59	28.4	253.4	14.76	239.6	13.84	226.6	13.26	221.6	12.54	211.6	11.94	201.6	11.04
		35.5	253.4	14.60	239.6	13.70	226.6	13.10	221.6	12.46	211.6	11.86	201.6	10.96
		71.0	253.4	14.00	239.6	13.10	226.6	12.46	221.6	12.18	211.6	11.56	201.6	10.64
		88.8	253.4	14.00	239.6	13.10	226.6	12.46	221.6	12.18	211.6	11.28	201.6	10.64
		106.5	253.4	14.00	239.6	13.10	226.6	12.46	221.6	12.18	211.6	11.12	201.6	10.64
	68	28.4	253.4	12.26	239.6	11.62	226.6	11.36	221.6	11.04	211.6	10.44	201.6	9.80
		35.5	253.4	12.18	239.6	11.56	226.6	11.28	221.6	10.96	211.6	10.36	201.6	9.72
		71.0	253.4	11.86	239.6	11.28	226.6	10.96	221.6	10.64	211.6	10.04	201.6	9.44
		88.8	253.4	11.86	239.6	11.28	226.6	10.96	221.6	10.36	211.6	10.04	201.6	9.14
		106.5	253.4	11.86	239.6	11.28	226.6	10.96	221.6	10.22	211.6	10.04	201.6	8.98
	77	28.4	253.4	11.04	239.6	10.44	226.6	9.80	221.6	9.52	211.6	8.82	201.6	8.22
		35.5	253.4	10.96	239.6	10.36	226.6	9.72	221.6	9.44	211.6	8.82	201.6	8.22
		71.0	253.4	10.64	239.6	10.04	226.6	9.44	221.6	9.14	211.6	8.82	201.6	8.22
		88.8	253.4	10.36	239.6	9.72	226.6	9.44	221.6	9.14	211.6	8.54	201.6	8.22
		106.5	253.4	10.22	239.6	9.56	226.6	9.44	221.6	9.14	211.6	8.38	201.6	8.22
	86	28.4	253.4	9.80	239.6	9.20	226.6	8.62	221.6	8.22	211.6	7.98	201.6	7.30
		35.5	253.4	9.72	239.6	9.14	226.6	8.54	221.6	8.22	211.6	7.90	201.6	7.30
		71.0	253.4	9.44	239.6	8.82	226.6	8.22	221.6	8.22	211.6	7.62	201.6	7.30
		88.8	253.4	9.44	239.6	8.82	226.6	8.22	221.6	7.90	211.6	7.62	201.6	7.30
		106.5	253.4	9.44	239.6	8.82	226.6	8.22	221.6	7.74	211.6	7.62	201.6	7.30
	95	28.4	253.4	8.88	239.6	8.30	226.6	7.62	221.6	7.70	211.6	6.98	201.6	6.78
		35.5	253.4	8.82	239.6	8.22	226.6	7.62	221.6	7.62	211.6	6.98	201.6	6.70
		71.0	253.4	8.54	239.6	7.90	226.6	7.62	221.6	7.30	211.6	6.98	201.6	6.40
		88.8	253.4	8.54	239.6	7.90	226.6	7.30	221.6	7.30	211.6	6.98	201.6	6.40
		106.5	253.4	8.54	239.6	7.90	226.6	7.14	221.6	7.30	211.6	6.98	201.6	6.40
	104	28.4	253.4	8.30	239.6	7.70	226.6	7.06	221.6	6.70	211.6	6.40	201.6	6.14
		35.5	253.4	8.22	239.6	7.62	226.6	6.98	221.6	6.70	211.6	6.40	201.6	6.08
		71.0	253.4	7.90	239.6	7.30	226.6	6.70	221.6	6.70	211.6	6.40	201.6	5.80
		88.8	253.4	7.90	239.6	7.30	226.6	6.70	221.6	6.40	211.6	6.08	201.6	5.80
		106.5	253.4	7.90	239.6	7.30	226.6	6.70	221.6	6.24	211.6	5.92	201.6	5.80
	113	28.4	253.4	7.70	239.6	7.06	226.6	6.54	221.6	5.72	211.6	5.80	201.6	5.56
		35.5	253.4	7.62	239.6	6.98	226.6	6.40	221.6	5.80	211.6	5.80	201.6	5.48
		71.0	253.4	7.30	239.6	6.70	226.6	5.80	221.6	6.08	211.6	5.80	201.6	5.16
		88.8	253.4	7.30	239.6	6.70	226.6	6.08	221.6	5.48	211.6	5.16	201.6	5.16
		106.5	253.4	7.30	239.6	6.70	226.6	6.22	221.6	5.18	211.6	4.84	201.6	5.16

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN288BAS4, ARWB288BAS4

288,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
60	23	28.4	87.0	8.94	81.6	8.60	77.2	8.26	76.4	7.68	76.0	7.54	74.6	6.74
		35.5	90.2	9.14	84.4	8.78	79.8	8.44	79.0	7.84	78.6	7.72	77.2	6.90
		71.0	102.2	9.92	95.6	9.54	90.4	9.16	89.6	8.50	89.2	8.38	87.4	7.50
		88.8	112.8	10.68	105.4	10.30	100.0	9.88	98.8	9.20	98.6	9.04	96.4	8.06
		106.5	118.0	11.06	110.6	10.68	105.0	10.26	103.6	9.54	103.2	9.36	101.0	8.34
	32	28.4	155.8	13.08	143.6	12.62	133.8	12.08	131.2	11.24	129.4	11.08	124.6	9.90
		35.5	156.8	13.12	144.4	12.66	134.8	12.12	132.0	11.28	130.2	11.12	125.4	9.92
		71.0	160.4	13.28	147.6	12.78	138.0	12.28	135.0	11.40	133.2	11.24	128.0	10.02
		88.8	162.8	13.28	150.0	12.78	140.2	12.28	137.2	11.40	135.4	11.24	130.2	10.02
		106.5	164.0	13.28	151.4	12.78	141.2	12.28	138.2	11.40	136.4	11.24	131.2	10.02
	41	28.4	215.4	14.26	203.0	13.72	194.8	13.16	189.8	12.24	181.8	12.06	173.0	10.74
		35.5	215.8	14.32	203.4	13.78	194.8	13.22	189.8	12.30	181.8	12.12	173.0	10.80
		71.0	217.6	14.60	205.0	14.08	194.8	13.50	189.8	12.56	181.8	12.38	173.0	11.02
		88.8	217.6	14.74	204.6	14.16	194.8	13.60	189.8	12.66	181.8	12.44	173.0	11.12
		106.5	217.6	14.80	204.4	14.22	194.8	13.64	189.8	12.70	181.8	12.46	173.0	11.16
	50	28.4	216.4	13.10	203.8	12.54	194.8	11.94	189.8	11.14	181.8	10.94	173.0	9.80
		35.5	216.8	13.10	204.0	12.54	194.8	11.94	189.8	11.18	181.8	10.92	173.0	9.82
		71.0	217.6	13.10	205.0	12.54	194.8	11.94	189.8	11.30	181.8	10.90	173.0	9.92
		88.8	217.6	13.12	204.6	12.40	194.8	11.80	189.8	11.18	181.8	10.80	173.0	9.82
		106.5	217.6	13.14	204.4	12.34	194.8	11.74	189.8	11.12	181.8	10.76	173.0	9.78
	59	28.4	217.6	11.94	204.6	11.36	194.8	10.72	189.8	10.04	181.8	9.80	173.0	8.82
		35.5	217.6	11.86	204.6	11.28	194.8	10.64	189.8	10.04	181.8	9.72	173.0	8.82
		71.0	217.6	11.56	204.6	10.96	194.8	10.36	189.8	10.04	181.8	9.44	173.0	8.82
		88.8	217.6	11.56	204.6	10.64	194.8	10.04	189.8	9.72	181.8	9.14	173.0	8.54
		106.5	217.6	11.56	204.6	10.48	194.8	9.88	189.8	9.56	181.8	8.98	173.0	8.38
	68	28.4	217.6	10.44	204.6	9.80	194.8	9.20	189.8	8.88	181.8	8.62	173.0	7.98
		35.5	217.6	10.36	204.6	9.72	194.8	9.14	189.8	8.82	181.8	8.54	173.0	7.90
		71.0	217.6	10.04	204.6	9.44	194.8	8.82	189.8	8.54	181.8	8.22	173.0	7.62
		88.8	217.6	10.04	204.6	9.44	194.8	8.82	189.8	8.54	181.8	8.22	173.0	7.62
		106.5	217.6	10.04	204.6	9.44	194.8	8.82	189.8	8.54	181.8	8.22	173.0	7.62
	77	28.4	217.6	9.20	204.6	8.62	194.8	7.90	189.8	7.98	181.8	7.30	173.0	7.06
		35.5	217.6	9.14	204.6	8.54	194.8	7.90	189.8	7.90	181.8	7.30	173.0	6.98
		71.0	217.6	8.82	204.6	8.22	194.8	7.90	189.8	7.62	181.8	7.30	173.0	6.70
		88.8	217.6	8.82	204.6	8.22	194.8	7.62	189.8	7.62	181.8	7.30	173.0	6.70
		106.5	217.6	8.82	204.6	8.22	194.8	7.48	189.8	7.62	181.8	7.30	173.0	6.70
	86	28.4	217.6	8.30	204.6	7.70	194.8	7.38	189.8	7.06	181.8	6.78	173.0	6.48
		35.5	217.6	8.22	204.6	7.62	194.8	7.30	189.8	6.98	181.8	6.70	173.0	6.40
		71.0	217.6	7.90	204.6	7.30	194.8	6.98	189.8	6.70	181.8	6.40	173.0	6.08
		88.8	217.6	7.90	204.6	7.30	194.8	6.98	189.8	6.70	181.8	6.40	173.0	6.08
		106.5	217.6	7.90	204.6	7.30	194.8	6.98	189.8	6.70	181.8	6.40	173.0	6.08
	95	28.4	217.6	7.30	204.6	7.06	194.8	6.40	189.8	6.48	181.8	6.14	173.0	5.88
		35.5	217.6	7.30	204.6	6.98	194.8	6.40	189.8	6.40	181.8	6.08	173.0	5.80
		71.0	217.6	7.30	204.6	6.70	194.8	6.40	189.8	6.08	181.8	5.80	173.0	5.48
		88.8	217.6	7.30	204.6	6.70	194.8	6.08	189.8	6.08	181.8	5.80	173.0	5.48
		106.5	217.6	7.30	204.6	6.70	194.8	5.92	189.8	6.08	181.8	5.80	173.0	5.48
	104	28.4	217.6	6.70	204.6	6.48	194.8	5.80	189.8	5.88	181.8	5.56	173.0	5.16
		35.5	217.6	6.70	204.6	6.40	194.8	5.80	189.8	5.80	181.8	5.48	173.0	5.16
		71.0	217.6	6.70	204.6	6.08	194.8	5.80	189.8	5.48	181.8	5.16	173.0	5.16
		88.8	217.6	6.70	204.6	6.08	194.8	5.80	189.8	5.48	181.8	5.16	173.0	5.16
		106.5	217.6	6.70	204.6	6.08	194.8	5.80	189.8	5.48	181.8	5.16	173.0	5.16
	113	28.4	217.6	6.08	204.6	5.88	194.8	5.16	189.8	5.24	181.8	4.96	173.0	4.48
		35.5	217.6	6.08	204.6	5.80	194.8	5.16	189.8	5.16	181.8	4.88	173.0	4.56
		71.0	217.6	6.08	204.6	5.48	194.8	5.16	189.8	4.88	181.8	4.56	173.0	4.88
		88.8	217.6	6.08	204.6	5.48	194.8	5.48	189.8	4.88	181.8	4.56	173.0	4.88
		106.5	217.6	6.08	204.6	5.48	194.8	5.64	189.8	4.88	181.8	4.56	173.0	4.88

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN288BAS4, ARWB288BAS4

288,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
50	23	28.4	72.6	7.12	68.2	6.74	64.4	6.38	63.4	6.04	63.2	5.66	62.0	5.36
		35.5	75.0	7.28	70.6	6.90	66.6	6.52	65.8	6.18	65.4	5.80	64.2	5.48
		71.0	84.6	7.88	79.6	7.50	75.4	7.06	74.4	6.70	74.2	6.30	72.6	5.92
		88.8	93.8	8.50	88.0	8.06	83.2	7.62	82.2	7.24	81.6	6.76	80.4	6.40
		106.5	98.2	8.82	92.2	8.34	87.2	7.90	86.2	7.52	85.4	7.00	84.4	6.62
	32	28.4	129.4	10.42	119.8	9.90	111.4	9.32	109.0	8.84	107.6	8.32	103.6	7.84
		35.5	130.2	10.46	120.6	9.92	112.2	9.36	109.8	8.88	108.2	8.34	104.2	7.88
		71.0	133.2	10.54	123.2	10.02	114.8	9.48	112.4	9.00	111.0	8.44	106.6	7.96
		88.8	135.4	10.54	125.0	10.02	116.4	9.48	114.2	9.00	112.4	8.44	108.6	7.96
		106.5	136.4	10.54	126.0	10.02	117.0	9.48	115.2	9.00	113.2	8.44	109.4	7.96
	41	28.4	179.0	11.34	169.6	10.74	161.8	10.14	158.0	9.64	151.0	9.06	144.0	8.52
		35.5	179.4	11.40	170.0	10.80	161.8	10.20	158.0	9.70	151.0	9.10	144.0	8.56
		71.0	180.8	11.62	171.2	11.02	162.2	10.42	158.0	9.88	151.0	9.26	144.0	8.76
		88.8	180.8	11.72	170.8	11.12	162.2	10.48	158.0	9.94	151.0	9.36	144.0	8.82
		106.5	180.8	11.76	170.8	11.16	162.2	10.52	158.0	9.98	151.0	9.40	144.0	8.84
	50	28.4	180.0	10.44	170.0	9.84	161.8	9.24	158.0	8.84	151.0	8.16	144.0	7.80
		35.5	180.2	10.42	170.2	9.82	161.8	9.22	158.0	8.82	151.0	8.18	144.0	7.78
		71.0	180.8	10.36	171.2	9.80	162.2	9.16	158.0	8.76	151.0	8.28	144.0	7.72
		88.8	180.8	10.42	170.8	9.82	162.2	9.20	158.0	8.78	151.0	8.16	144.0	7.74
		106.5	180.8	10.46	170.8	9.84	162.2	9.20	158.0	8.80	151.0	8.10	144.0	7.76
	59	28.4	180.8	9.52	170.8	8.88	162.2	8.30	158.0	7.98	151.0	7.30	144.0	7.06
		35.5	180.8	9.44	170.8	8.82	162.2	8.22	158.0	7.90	151.0	7.30	144.0	6.98
		71.0	180.8	9.14	170.8	8.54	162.2	7.90	158.0	7.62	151.0	7.30	144.0	6.70
		88.8	180.8	9.14	170.8	8.54	162.2	7.90	158.0	7.62	151.0	6.98	144.0	6.70
		106.5	180.8	9.14	170.8	8.54	162.2	7.90	158.0	7.62	151.0	6.84	144.0	6.70
	68	28.4	180.8	8.30	170.8	7.70	162.2	7.38	158.0	7.06	151.0	6.78	144.0	6.08
		35.5	180.8	8.22	170.8	7.62	162.2	7.30	158.0	6.98	151.0	6.70	144.0	6.08
		71.0	180.8	7.90	170.8	7.30	162.2	6.98	158.0	6.70	151.0	6.40	144.0	6.08
		88.8	180.8	7.90	170.8	7.30	162.2	6.98	158.0	6.70	151.0	6.40	144.0	6.08
		106.5	180.8	7.90	170.8	7.30	162.2	6.98	158.0	6.70	151.0	6.40	144.0	6.08
	77	28.4	180.8	7.38	170.8	6.70	162.2	6.48	158.0	6.08	151.0	5.80	144.0	5.48
		35.5	180.8	7.30	170.8	6.70	162.2	6.40	158.0	6.08	151.0	5.80	144.0	5.48
		71.0	180.8	6.98	170.8	6.70	162.2	6.08	158.0	6.08	151.0	5.80	144.0	5.48
		88.8	180.8	6.98	170.8	6.70	162.2	6.08	158.0	6.08	151.0	5.80	144.0	5.48
		106.5	180.8	6.98	170.8	6.70	162.2	6.08	158.0	6.08	151.0	5.80	144.0	5.48
	86	28.4	180.8	6.78	170.8	6.14	162.2	5.88	158.0	5.48	151.0	5.56	144.0	5.24
		35.5	180.8	6.70	170.8	6.08	162.2	5.80	158.0	5.48	151.0	5.48	144.0	5.16
		71.0	180.8	6.40	170.8	5.80	162.2	5.48	158.0	5.48	151.0	5.16	144.0	4.88
		88.8	180.8	6.40	170.8	5.80	162.2	5.48	158.0	5.48	151.0	5.16	144.0	4.88
		106.5	180.8	6.40	170.8	5.80	162.2	5.48	158.0	5.48	151.0	5.16	144.0	4.88
	95	28.4	180.8	6.14	170.8	5.48	162.2	5.16	158.0	5.24	151.0	4.88	144.0	4.56
		35.5	180.8	6.08	170.8	5.48	162.2	5.16	158.0	5.16	151.0	4.88	144.0	4.56
		71.0	180.8	5.80	170.8	5.48	162.2	5.16	158.0	4.88	151.0	4.88	144.0	4.56
		88.8	180.8	5.80	170.8	5.48	162.2	5.16	158.0	4.88	151.0	4.88	144.0	4.56
		106.5	180.8	5.80	170.8	5.48	162.2	5.16	158.0	4.88	151.0	4.88	144.0	4.56
	104	28.4	180.8	5.56	170.8	5.24	162.2	4.96	158.0	4.56	151.0	4.64	144.0	4.26
		35.5	180.8	5.48	170.8	5.16	162.2	4.88	158.0	4.56	151.0	4.56	144.0	4.26
		71.0	180.8	5.16	170.8	4.88	162.2	4.56	158.0	4.56	151.0	4.26	144.0	4.26
		88.8	180.8	5.16	170.8	4.88	162.2	4.56	158.0	4.56	151.0	4.26	144.0	4.26
		106.5	180.8	5.16	170.8	4.88	162.2	4.56	158.0	4.56	151.0	4.26	144.0	4.26
	113	28.4	180.8	4.96	170.8	5.04	162.2	4.72	158.0	3.90	151.0	4.40	144.0	3.96
		35.5	180.8	4.88	170.8	4.88	162.2	4.56	158.0	3.96	151.0	4.26	144.0	3.96
		71.0	180.8	4.56	170.8	4.26	162.2	3.96	158.0	4.26	151.0	3.66	144.0	3.96
		88.8	180.8	4.56	170.8	4.26	162.2	3.96	158.0	4.26	151.0	3.66	144.0	3.96
		106.5	180.8	4.56	170.8	4.26	162.2	3.96	158.0	4.26	151.0	3.66	144.0	3.96

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN336BAS4, ARWB336BAS4
336,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air temperature (°F DB)											
			61		65		68		70		72		75	
			TC MBh	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]
130	23	34.5	178.9	21.3	177.5	20.0	176.4	18.7	174.1	18.1	176.1	17.6	171.3	15.8
		43.1	185.0	21.6	183.6	20.4	182.5	19.1	180.0	18.5	182.2	18.0	177.2	16.2
		86.2	209.2	23.1	207.5	22.0	206.4	20.7	203.6	20.1	206.1	19.5	200.8	17.5
		107.8	231.3	24.6	229.3	23.5	227.9	22.3	225.1	21.7	227.9	21.1	221.8	18.9
		129.3	242.5	25.3	240.2	24.2	238.6	23.1	235.8	22.5	238.8	21.8	232.4	19.6
	32	34.5	319.5	29.1	312.2	28.2	305.5	27.3	298.8	26.5	299.9	25.8	286.2	23.1
		43.1	321.4	29.2	313.9	28.3	307.4	27.4	300.7	26.6	301.6	25.9	288.1	23.2
		86.2	329.0	29.5	321.1	28.6	314.4	27.7	307.7	26.9	308.8	26.2	295.1	23.5
		107.8	334.0	29.5	325.9	28.6	319.2	27.7	312.2	26.9	313.3	26.2	299.3	23.5
		129.3	336.6	29.5	328.4	28.6	321.7	27.7	314.5	26.9	315.6	26.2	301.3	23.5
	41	34.5	460.1	31.3	453.1	30.5	443.8	29.7	432.6	28.9	420.9	28.1	397.6	25.2
		43.1	461.7	31.4	453.9	30.6	443.8	29.9	432.6	29.0	420.9	28.2	397.6	25.3
		86.2	467.9	32.0	457.2	31.2	444.1	30.5	432.6	29.6	420.9	28.8	397.6	25.8
		107.8	470.9	32.2	458.6	31.4	444.1	30.7	432.6	29.8	420.9	29.0	397.6	26.0
		129.3	472.3	32.3	459.2	31.5	444.1	30.8	432.6	30.0	420.9	29.1	397.6	26.1
	50	34.5	460.6	28.5	453.3	27.5	442.4	27.0	430.7	26.4	419.2	25.5	396.2	23.0
		43.1	463.4	28.4	455.3	27.5	444.1	27.0	432.6	26.4	420.9	25.5	397.6	23.0
		86.2	474.3	28.2	463.7	27.6	451.1	27.2	439.6	26.3	427.3	25.4	404.0	22.9
		107.8	476.8	28.6	467.0	28.0	453.9	27.4	441.6	26.4	430.1	25.8	406.5	24.0
		129.3	478.0	28.8	468.5	28.2	455.3	27.4	442.7	26.5	431.5	26.0	407.7	24.5
	59	34.5	461.4	25.7	453.3	24.6	440.5	24.3	429.0	23.9	417.7	22.9	394.5	20.8
		43.1	465.1	25.4	456.7	24.4	444.1	24.2	432.6	23.7	420.9	22.7	397.6	20.7
		86.2	480.2	24.4	470.4	24.0	458.1	24.0	446.6	23.0	433.5	22.0	410.4	20.0
		107.8	482.7	25.0	475.1	24.6	463.7	24.0	451.1	23.0	439.6	22.6	415.2	22.0
		129.3	484.1	25.3	477.4	24.9	466.7	24.0	453.4	23.0	442.6	22.9	417.8	23.0
	68	34.5	479.0	23.5	470.1	22.4	457.8	21.9	445.2	21.2	432.3	20.8	406.6	20.1
		43.1	482.7	23.4	474.0	22.4	461.4	21.9	448.6	21.3	436.0	20.9	410.4	20.0
		86.2	497.9	22.7	489.1	22.3	475.4	21.9	462.8	21.7	451.1	21.5	425.6	19.3
		107.8	500.1	22.7	492.6	22.3	481.0	22.0	467.3	21.7	454.7	21.5	429.0	20.5
		129.3	501.2	22.7	494.5	22.3	483.8	22.1	469.6	21.7	456.4	21.5	430.7	21.1
	77	34.5	505.7	22.4	492.6	21.8	481.0	21.4	471.8	21.1	461.4	20.8	434.9	19.4
		43.1	505.7	22.3	492.6	21.8	481.0	21.3	471.8	21.0	461.4	20.7	434.9	19.3
		86.2	505.7	22.0	492.6	21.6	481.0	21.0	471.8	20.7	461.4	20.3	434.9	19.0
		107.8	505.7	21.7	492.6	21.1	481.0	20.7	471.8	20.3	461.4	20.0	434.9	18.6
		129.3	505.7	21.5	492.6	20.8	481.0	20.5	471.8	20.1	461.4	19.8	434.9	18.5
	86	34.5	505.7	21.9	492.6	20.8	481.0	20.6	471.8	20.0	461.4	19.8	434.9	18.5
		43.1	505.7	21.7	492.6	20.7	481.0	20.5	471.8	20.0	461.4	19.6	434.9	18.3
		86.2	505.7	21.0	492.6	20.6	481.0	20.0	471.8	19.6	461.4	19.0	434.9	17.6
		107.8	505.7	20.7	492.6	20.0	481.0	19.6	471.8	19.3	461.4	19.0	434.9	17.6
		129.3	505.7	20.5	492.6	19.8	481.0	19.5	471.8	19.1	461.4	19.0	434.9	17.6
	95	34.5	505.7	20.8	492.6	20.1	481.0	19.7	471.8	19.0	461.4	18.4	434.9	17.1
		43.1	505.7	20.7	492.6	20.0	481.0	19.6	471.8	19.0	461.4	18.3	434.9	16.9
		86.2	505.7	20.0	492.6	19.6	481.0	19.3	471.8	18.6	461.4	17.9	434.9	16.2
		107.8	505.7	20.0	492.6	19.4	481.0	19.0	471.8	18.3	461.4	17.6	434.9	16.2
		129.3	505.7	20.0	492.6	19.3	481.0	18.8	471.8	18.1	461.4	17.5	434.9	16.2
	104	34.5	505.7	20.1	492.6	19.5	481.0	19.1	471.8	18.5	461.4	17.8	434.9	16.1
		43.1	505.7	20.0	492.6	19.4	481.0	19.0	471.8	18.3	461.4	17.6	434.9	15.9
		86.2	505.7	19.3	492.6	18.9	481.0	18.3	471.8	17.6	461.4	16.9	434.9	15.2
		107.8	505.7	19.0	492.6	18.6	481.0	18.3	471.8	17.6	461.4	16.9	434.9	15.2
		129.3	505.7	18.8	492.6	18.4	481.0	18.3	471.8	17.6	461.4	16.9	434.9	15.2
	113	34.5	505.7	19.5	492.6	18.8	481.0	18.5	471.8	17.9	461.4	17.2	434.9	15.1
		43.1	505.7	19.3	492.6	18.7	481.0	18.3	471.8	17.6	461.4	16.9	434.9	14.9
		86.2	505.7	18.6	492.6	18.2	481.0	17.3	471.8	16.6	461.4	15.9	434.9	14.2
		107.8	505.7	17.9	492.6	17.8	481.0	17.6	471.8	16.9	461.4	16.2	434.9	14.2
		129.3	505.7	17.6	492.6	17.5	481.0	17.8	471.8	17.1	461.4	16.4	434.9	14.2

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN336BAS4, ARWB336BAS4
336,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air temperature (°F DB)											
			61		65		68		70		72		75	
			TC MBh	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]
120	23	34.5	170.0	21.3	168.6	20.0	167.5	18.7	165.5	17.9	166.9	17.3	162.4	15.5
		43.1	175.8	21.6	174.4	20.4	173.3	19.1	171.3	18.2	172.7	17.7	168.0	15.9
		86.2	199.1	23.1	197.4	22.0	196.3	20.7	193.8	19.8	195.5	19.2	190.2	17.2
		107.8	219.8	24.6	218.1	23.5	216.7	22.3	214.2	21.4	215.9	20.7	210.0	18.6
		129.3	230.2	25.3	228.5	24.2	226.8	23.1	224.3	22.2	226.2	21.5	219.8	19.2
	32	34.5	303.8	29.1	296.5	28.2	290.1	27.3	284.2	26.2	284.2	25.4	271.1	22.7
		43.1	305.5	29.2	298.2	28.3	291.8	27.4	285.9	26.2	285.9	25.5	273.0	22.8
		86.2	312.5	29.5	305.2	28.6	298.8	27.7	292.6	26.5	292.6	25.8	279.5	23.1
		107.8	317.5	29.5	310.2	28.6	303.5	27.7	297.1	26.5	296.8	25.8	283.7	23.1
		129.3	320.0	29.5	312.5	28.6	305.8	27.7	299.4	26.5	299.0	25.8	285.9	23.1
	41	34.5	437.9	31.3	431.4	30.5	422.0	29.7	411.8	28.5	398.7	27.7	376.9	24.8
		43.1	439.6	31.4	432.1	30.6	422.0	29.9	411.8	28.6	398.7	27.8	376.9	24.9
		86.2	445.8	32.0	435.4	31.2	422.0	30.5	411.8	29.2	398.7	28.4	376.9	25.4
		107.8	448.3	32.2	432.9	31.4	422.0	30.7	411.8	29.4	398.7	28.6	376.9	25.6
		129.3	449.6	32.3	431.5	31.5	422.0	30.8	411.8	29.5	398.7	28.7	376.9	25.7
	50	34.5	439.6	28.1	431.5	27.3	420.8	26.8	410.5	25.9	397.6	25.1	376.0	22.6
		43.1	441.6	28.2	433.2	27.4	422.0	26.9	411.8	26.0	398.7	25.1	376.9	22.6
		86.2	449.7	28.6	440.2	27.8	426.5	27.2	416.4	26.1	402.9	25.0	380.8	22.7
		107.8	452.2	28.5	438.8	27.8	428.4	27.4	418.1	26.2	404.6	25.1	382.5	23.5
		129.3	453.4	28.4	438.2	27.8	429.2	27.4	418.9	26.3	405.7	25.2	383.4	23.9
	59	34.5	440.8	24.9	432.0	24.2	419.5	23.8	409.4	23.4	396.7	22.5	374.9	20.4
		43.1	443.5	25.0	434.6	24.2	422.0	23.9	411.8	23.4	398.7	22.3	376.9	20.3
		86.2	453.6	25.2	445.2	24.4	431.5	24.0	420.9	23.0	406.8	21.7	385.0	20.0
		107.8	456.1	24.8	444.9	24.2	434.9	24.0	424.5	23.0	410.4	21.7	388.6	21.3
		129.3	457.3	24.6	444.6	24.1	436.8	24.0	426.2	23.0	412.1	21.7	390.3	22.0
	68	34.5	453.1	22.4	444.6	21.5	431.2	20.9	419.2	20.6	405.7	20.3	383.9	19.3
		43.1	456.1	22.4	447.2	21.5	433.5	21.0	422.0	20.7	408.2	20.3	386.1	19.2
		86.2	467.6	22.4	457.8	21.9	443.0	21.3	432.6	21.0	418.4	20.2	395.3	19.0
		107.8	469.8	22.2	457.5	21.7	446.6	21.3	434.9	21.0	420.9	20.3	397.6	19.6
		129.3	470.9	22.1	457.3	21.6	448.3	21.3	436.2	21.0	422.2	20.3	399.0	20.0
	77	34.5	475.2	21.2	461.4	20.2	446.6	19.8	437.1	19.4	425.6	19.0	402.3	17.7
		43.1	475.4	21.1	461.4	20.2	446.6	19.8	437.1	19.3	425.6	19.0	402.3	17.6
		86.2	476.5	20.8	461.4	20.0	446.6	19.6	437.1	19.0	425.6	18.6	402.3	17.3
		107.8	477.9	20.0	461.4	19.5	446.6	19.3	437.1	19.0	425.6	18.3	402.3	17.3
		129.3	478.5	19.6	461.4	19.2	446.6	19.1	437.1	19.0	425.6	18.1	402.3	17.3
	86	34.5	477.9	20.3	461.4	19.3	446.6	18.7	437.1	18.0	425.6	17.8	402.3	16.3
		43.1	477.9	20.1	461.4	19.2	446.6	18.6	437.1	17.9	425.6	17.6	402.3	16.2
		86.2	477.9	19.4	461.4	18.7	446.6	18.3	437.1	17.6	425.6	16.9	402.3	15.9
		107.8	477.9	18.8	461.4	18.3	446.6	17.9	437.1	17.6	425.6	16.9	402.3	15.6
		129.3	477.9	18.5	461.4	18.1	446.6	17.8	437.1	17.6	425.6	16.9	402.3	15.4
	95	34.5	477.9	19.4	461.4	18.3	446.6	17.8	437.1	17.1	425.6	16.4	402.3	15.0
		43.1	477.9	19.1	461.4	18.2	446.6	17.6	437.1	16.9	425.6	16.2	402.3	14.9
		86.2	477.9	18.0	461.4	17.5	446.6	16.9	437.1	16.2	425.6	15.6	402.3	14.6
		107.8	477.9	17.8	461.4	17.3	446.6	16.9	437.1	16.2	425.6	15.6	402.3	14.2
		129.3	477.9	17.7	461.4	17.3	446.6	16.9	437.1	16.2	425.6	15.6	402.3	14.1
	104	34.5	477.9	18.8	461.4	17.5	446.6	16.8	437.1	16.1	425.6	15.4	402.3	13.9
		43.1	477.9	18.4	461.4	17.3	446.6	16.6	437.1	15.9	425.6	15.2	402.3	13.9
		86.2	477.9	17.0	461.4	16.5	446.6	15.9	437.1	15.2	425.6	14.6	402.3	13.6
		107.8	477.9	16.8	461.4	16.2	446.6	15.9	437.1	15.2	425.6	14.6	402.3	13.2
		129.3	477.9	16.7	461.4	16.2	446.6	15.9	437.1	15.2	425.6	14.6	402.3	13.0
	113	34.5	477.9	18.2	461.4	16.6	446.6	15.8	437.1	15.1	425.6	14.4	402.3	12.9
		43.1	477.9	17.8	461.4	16.4	446.6	15.6	437.1	14.9	425.6	14.2	402.3	12.9
		86.2	477.9	16.0	461.4	15.4	446.6	14.9	437.1	14.2	425.6	13.6	402.3	12.5
		107.8	477.9	15.8	461.4	15.2	446.6	14.9	437.1	14.2	425.6	13.6	402.3	12.2
		129.3	477.9	15.7	461.4	15.0	446.6	14.9	437.1	14.2	425.6	13.6	402.3	12.0

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN336BAS4, ARWB336BAS4
336,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air temperature (°F DB)											
			61		65		68		70		72		75	
			TC MBh	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]
110	23	34.5	160.7	21.6	159.8	20.0	158.7	18.7	157.1	17.9	157.4	17.3	154.0	15.5
		43.1	166.3	21.9	165.2	20.4	164.1	19.1	162.4	18.2	162.7	17.7	159.3	15.9
		86.2	188.1	23.4	187.0	22.0	185.9	20.7	183.9	19.8	183.9	19.2	180.3	17.2
		107.8	207.8	24.9	206.4	23.5	205.3	22.3	203.3	21.4	203.3	20.7	199.1	18.6
		129.3	217.8	25.7	216.2	24.2	215.1	23.1	213.1	22.2	213.1	21.5	208.3	19.2
	32	34.5	287.3	29.5	281.1	28.2	275.2	27.3	269.9	26.2	267.4	25.4	257.3	22.7
		43.1	289.0	29.6	282.8	28.3	276.7	27.4	271.4	26.2	269.1	25.5	258.7	22.8
		86.2	295.7	29.8	289.5	28.6	283.1	27.7	277.8	26.5	275.3	25.8	264.9	23.1
		107.8	300.2	29.8	294.0	28.6	287.6	27.7	282.0	26.5	279.5	25.8	268.6	23.1
		129.3	302.7	29.8	296.2	28.6	289.8	27.7	284.2	26.5	281.7	25.8	270.5	23.1
	41	34.5	419.2	31.7	409.1	30.5	399.8	29.7	390.6	28.5	375.5	27.7	357.3	24.8
		43.1	420.6	31.8	409.9	30.6	399.8	29.9	390.6	28.6	375.5	27.8	357.3	24.9
		86.2	426.2	32.4	413.2	31.2	400.1	30.5	390.6	29.2	375.5	28.4	357.3	25.4
		107.8	428.7	32.6	414.1	31.4	400.1	30.7	390.6	29.4	375.5	28.6	357.3	25.6
		129.3	429.8	32.7	414.7	31.5	400.1	30.8	390.6	29.5	375.5	28.7	357.3	25.7
	50	34.5	420.8	28.4	410.2	27.4	399.3	26.9	390.0	25.9	374.9	25.1	356.7	22.6
		43.1	422.3	28.5	411.3	27.5	399.8	26.9	390.6	26.0	375.5	25.1	357.3	22.6
		86.2	428.7	28.7	415.5	27.8	402.3	27.2	393.1	26.1	378.0	25.0	359.0	22.7
		107.8	431.2	28.7	417.5	27.8	403.7	27.2	393.9	26.1	378.8	25.1	360.1	22.9
		129.3	432.3	28.7	418.3	27.8	404.3	27.1	394.2	26.0	379.1	25.2	360.6	23.1
	59	34.5	422.0	25.1	411.0	24.4	399.0	24.0	389.5	23.4	374.3	22.5	356.4	20.4
		43.1	423.7	25.1	412.4	24.4	400.1	24.0	390.6	23.4	375.5	22.3	357.3	20.3
		86.2	430.7	25.0	418.4	24.4	404.6	24.0	395.3	23.0	380.5	21.7	360.7	20.0
		107.8	433.2	24.8	420.6	24.2	406.8	23.7	396.7	22.7	381.6	21.7	362.9	20.3
		129.3	434.5	24.7	421.7	24.1	407.9	23.6	397.3	22.5	382.0	21.7	364.0	20.5
	68	34.5	429.8	21.7	418.0	21.2	404.6	20.7	393.7	20.3	379.4	19.7	359.3	18.5
		43.1	432.1	21.8	419.5	21.2	405.7	20.7	395.3	20.3	380.5	19.6	360.7	18.4
		86.2	441.3	21.9	425.1	21.2	410.4	20.7	401.2	20.3	385.0	19.3	366.5	18.3
		107.8	443.8	21.9	428.7	21.2	412.7	20.7	402.3	20.0	387.2	19.3	367.4	18.3
		129.3	444.9	21.9	430.4	21.2	414.1	20.7	402.9	19.8	388.1	19.3	367.9	18.3
	77	34.5	443.2	19.8	430.1	19.0	412.7	18.7	403.7	18.0	389.5	17.4	368.8	15.9
		43.1	444.1	19.7	430.1	19.0	412.7	18.6	403.7	17.9	389.5	17.3	368.8	15.9
		86.2	447.7	19.6	430.1	18.6	412.7	18.3	403.7	17.6	389.5	16.9	368.8	15.9
		107.8	449.7	19.6	430.1	18.7	412.7	17.9	403.7	17.6	389.5	16.6	368.8	15.6
		129.3	450.8	19.6	430.1	18.7	412.7	17.8	403.7	17.6	389.5	16.4	368.8	15.4
	86	34.5	449.7	18.0	430.1	17.4	412.7	16.7	403.7	16.3	389.5	15.3	368.8	14.3
		43.1	449.7	17.9	430.1	17.3	412.7	16.6	403.7	16.2	389.5	15.2	368.8	14.2
		86.2	449.7	17.6	430.1	16.9	412.7	16.2	403.7	15.9	389.5	14.9	368.8	13.9
		107.8	449.7	17.5	430.1	16.6	412.7	15.9	403.7	15.6	389.5	14.9	368.8	13.9
		129.3	449.7	17.4	430.1	16.4	412.7	15.7	403.7	15.4	389.5	14.9	368.8	13.9
	95	34.5	449.7	17.1	430.1	16.0	412.7	15.3	403.7	14.7	389.5	13.9	368.8	12.9
		43.1	449.7	16.9	430.1	15.9	412.7	15.2	403.7	14.6	389.5	13.9	368.8	12.9
		86.2	449.7	16.2	430.1	15.6	412.7	14.9	403.7	14.2	389.5	13.6	368.8	12.5
		107.8	449.7	15.8	430.1	15.2	412.7	14.6	403.7	14.2	389.5	13.6	368.8	12.5
		129.3	449.7	15.6	430.1	15.1	412.7	14.4	403.7	14.2	389.5	13.6	368.8	12.5
	104	34.5	449.7	16.1	430.1	15.4	412.7	14.4	403.7	13.6	389.5	12.9	368.8	11.9
		43.1	449.7	15.9	430.1	15.2	412.7	14.2	403.7	13.6	389.5	12.9	368.8	11.8
		86.2	449.7	15.2	430.1	14.6	412.7	13.6	403.7	13.2	389.5	12.5	368.8	11.5
		107.8	449.7	15.0	430.1	14.2	412.7	13.6	403.7	12.9	389.5	12.2	368.8	11.2
		129.3	449.7	14.9	430.1	14.1	412.7	13.6	403.7	12.7	389.5	12.0	368.8	11.0
	113	34.5	449.7	15.1	430.1	14.8	412.7	13.5	403.7	12.6	389.5	11.9	368.8	10.9
		43.1	449.7	14.9	430.1	14.6	412.7	13.2	403.7	12.5	389.5	11.8	368.8	10.8
		86.2	449.7	14.2	430.1	13.6	412.7	12.2	403.7	12.2	389.5	11.5	368.8	10.5
		107.8	449.7	14.2	430.1	13.2	412.7	12.5	403.7	11.5	389.5	10.8	368.8	9.8
		129.3	449.7	14.2	430.1	13.0	412.7	12.7	403.7	11.2	389.5	10.5	368.8	9.5

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN336BAS4, ARWB336BAS4
336,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air temperature (°F DB)											
			61		65		68		70		72		75	
			TC MBh	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]
100	23	34.5	152.0	21.6	150.9	20.3	150.3	18.7	149.0	17.9	147.6	17.1	144.8	15.5
		43.1	157.1	21.9	156.2	20.7	155.4	19.1	154.0	18.2	152.6	17.4	149.8	15.9
		86.2	177.8	23.4	176.9	22.3	175.8	20.7	174.1	19.8	172.7	19.0	169.9	17.2
		107.8	196.6	24.9	195.2	23.8	194.1	22.3	192.4	21.4	191.0	20.4	187.3	18.6
		129.3	206.0	25.7	204.4	24.6	203.3	23.1	201.6	22.2	200.2	21.2	196.3	19.2
	32	34.5	271.6	29.5	265.7	28.6	260.1	27.3	255.6	26.2	250.9	25.0	242.2	22.7
		43.1	273.3	29.6	267.2	28.7	261.5	27.4	257.0	26.2	252.5	25.1	243.6	22.8
		86.2	279.5	29.8	273.6	29.0	267.7	27.7	262.9	26.5	258.4	25.4	249.2	23.1
		107.8	283.7	29.8	277.8	29.0	271.9	27.7	266.9	26.5	262.3	25.4	253.1	23.1
		129.3	285.9	29.8	280.0	29.0	273.9	27.7	268.8	26.5	264.3	25.4	255.1	23.1
	41	34.5	400.9	31.7	387.5	30.9	377.5	29.7	369.9	28.5	352.3	27.2	336.2	24.8
		43.1	402.3	31.8	388.1	31.1	377.7	29.9	369.9	28.6	352.3	27.4	336.2	24.9
		86.2	407.9	32.4	390.9	31.6	378.0	30.5	369.9	29.2	352.3	28.0	336.2	25.4
		107.8	410.4	32.6	392.0	31.8	378.0	30.7	369.9	29.4	352.3	28.1	336.2	25.6
		129.3	411.6	32.7	392.6	31.9	378.0	30.8	369.9	29.5	352.3	28.2	336.2	25.7
	50	34.5	403.0	28.3	388.7	27.7	378.0	26.9	369.9	25.9	352.3	24.7	336.2	22.6
		43.1	404.0	28.5	389.2	27.8	378.0	26.9	369.9	26.0	352.3	24.7	336.2	22.6
		86.2	407.9	29.0	391.4	28.2	378.0	27.2	369.9	26.1	352.3	24.8	336.2	22.7
		107.8	410.7	28.9	393.1	28.2	378.0	27.2	369.9	26.1	352.3	24.7	336.2	22.6
		129.3	412.1	28.8	394.0	28.2	378.0	27.1	369.9	26.0	352.3	24.7	336.2	22.5
	59	34.5	405.2	25.0	390.3	24.6	378.0	24.0	369.9	23.4	352.3	22.1	336.2	20.4
		43.1	405.7	25.1	390.6	24.6	378.0	24.0	369.9	23.4	352.3	22.0	336.2	20.3
		86.2	407.9	25.6	391.7	24.7	378.0	24.0	369.9	23.0	352.3	21.7	336.2	20.0
		107.8	411.3	25.2	393.9	24.4	378.0	23.7	369.9	22.7	352.3	21.3	336.2	19.6
		129.3	413.3	25.0	394.8	24.3	378.0	23.6	369.9	22.5	352.3	21.1	336.2	19.5
	68	34.5	407.4	21.4	392.5	20.8	378.0	20.3	369.9	20.0	352.3	18.7	336.2	17.8
		43.1	409.0	21.5	392.8	20.8	378.0	20.3	369.9	20.0	352.3	18.6	336.2	17.6
		86.2	414.9	21.9	393.9	20.9	378.0	20.3	369.9	19.6	352.3	18.3	336.2	16.9
		107.8	417.5	21.5	397.3	20.7	378.0	20.0	369.9	19.3	352.3	17.9	336.2	16.6
		129.3	418.6	21.3	399.0	20.6	378.0	19.8	369.9	19.1	352.3	17.8	336.2	16.4
	77	34.5	412.4	18.7	398.7	18.1	378.0	17.4	369.9	16.7	352.3	15.7	336.2	14.2
		43.1	413.8	18.7	398.7	18.0	378.0	17.3	369.9	16.6	352.3	15.6	336.2	14.2
		86.2	419.8	18.8	398.7	17.6	378.0	16.9	369.9	16.2	352.3	15.2	336.2	14.2
		107.8	422.0	18.3	398.7	17.5	378.0	16.6	369.9	15.9	352.3	15.2	336.2	13.9
		129.3	423.1	18.2	398.7	17.4	378.0	16.4	369.9	15.7	352.3	15.2	336.2	13.7
	86	34.5	422.0	17.0	398.7	15.7	378.0	14.6	369.9	14.3	352.3	13.2	336.2	12.6
		43.1	422.0	16.9	398.7	15.6	378.0	14.6	369.9	14.2	352.3	13.2	336.2	12.5
		86.2	422.0	16.6	398.7	15.2	378.0	14.4	369.9	13.9	352.3	13.2	336.2	12.2
		107.8	422.0	16.2	398.7	15.2	378.0	14.2	369.9	13.9	352.3	12.9	336.2	12.2
		129.3	422.0	16.1	398.7	15.2	378.0	14.1	369.9	13.9	352.3	12.7	336.2	12.2
	95	34.5	422.0	15.8	398.7	14.4	378.0	12.9	369.9	12.6	352.3	11.9	336.2	10.9
		43.1	422.0	15.6	398.7	14.2	378.0	12.9	369.9	12.5	352.3	11.8	336.2	10.8
		86.2	422.0	14.9	398.7	13.6	378.0	12.7	369.9	12.2	352.3	11.5	336.2	10.5
		107.8	422.0	14.9	398.7	13.6	378.0	12.5	369.9	12.2	352.3	11.5	336.2	10.5
		129.3	422.0	14.9	398.7	13.6	378.0	12.4	369.9	12.2	352.3	11.5	336.2	10.5
	104	34.5	422.0	14.7	398.7	13.4	378.0	11.6	369.9	11.3	352.3	10.6	336.2	9.9
		43.1	422.0	14.6	398.7	13.2	378.0	11.5	369.9	11.2	352.3	10.5	336.2	9.8
		86.2	422.0	13.9	398.7	12.5	378.0	11.4	369.9	10.8	352.3	10.2	336.2	9.5
		107.8	422.0	13.6	398.7	12.5	378.0	11.2	369.9	10.8	352.3	10.2	336.2	9.5
		129.3	422.0	13.4	398.7	12.5	378.0	11.1	369.9	10.8	352.3	10.2	336.2	9.5
	113	34.5	422.0	13.7	398.7	12.4	378.0	10.2	369.9	9.9	352.3	9.2	336.2	8.9
		43.1	422.0	13.6	398.7	12.2	378.0	10.2	369.9	9.8	352.3	9.1	336.2	8.8
		86.2	422.0	12.9	398.7	11.5	378.0	10.0	369.9	9.5	352.3	8.8	336.2	8.5
		107.8	422.0	12.2	398.7	11.5	378.0	9.8	369.9	9.5	352.3	8.8	336.2	8.5
		129.3	422.0	11.9	398.7	11.5	378.0	9.7	369.9	9.5	352.3	8.8	336.2	8.5

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN336BAS4, ARWB336BAS4
336,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air temperature (°F DB)											
			61		65		68		70		72		75	
			TC MBh	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]
90	23	34.5	143.4	20.0	138.9	18.2	135.0	16.0	133.9	15.2	133.0	14.7	130.5	13.2
		43.1	148.4	20.3	143.9	18.6	139.7	16.4	138.6	15.6	137.5	15.0	135.0	13.5
		86.2	168.0	21.7	162.7	19.9	157.9	17.8	156.8	16.9	155.7	16.3	152.6	14.6
		107.8	185.6	23.1	179.7	21.3	174.4	19.2	173.0	18.2	171.9	17.6	168.8	15.8
		129.3	194.6	23.8	188.2	22.0	182.8	19.9	181.2	18.9	180.1	18.2	177.0	16.4
	32	34.5	256.5	27.2	244.7	25.6	233.5	23.5	230.1	22.4	226.2	21.6	217.8	19.3
		43.1	258.1	27.3	246.1	25.6	234.9	23.5	231.3	22.4	227.6	21.6	219.0	19.4
		86.2	264.0	27.6	251.7	25.9	240.5	23.8	236.6	22.7	232.7	21.9	224.3	19.6
		107.8	268.0	27.6	255.6	25.9	244.4	23.8	240.2	22.7	236.6	21.9	227.9	19.6
		129.3	269.9	27.6	257.6	25.9	246.4	23.8	241.9	22.7	238.6	21.9	229.6	19.6
	41	34.5	362.6	29.3	350.8	27.6	339.6	25.6	332.6	24.4	317.8	23.4	302.7	21.1
		43.1	362.9	29.4	350.6	27.7	339.6	25.7	332.6	24.5	317.8	23.6	302.7	21.1
		86.2	364.3	29.9	349.5	28.3	339.6	26.2	332.6	25.0	317.8	24.1	302.7	21.6
		107.8	366.5	30.1	350.6	28.4	339.6	26.4	332.6	25.1	317.8	24.2	302.7	21.8
		129.3	367.4	30.2	351.1	28.5	339.6	26.5	332.6	25.2	317.8	24.3	302.7	21.8
	50	34.5	364.5	25.8	352.0	24.6	339.6	23.1	332.6	22.2	317.8	21.3	302.7	19.2
		43.1	364.3	25.9	351.7	24.6	339.6	23.1	332.6	22.2	317.8	21.3	302.7	19.2
		86.2	363.7	25.9	350.0	24.7	339.6	23.3	332.6	22.3	317.8	21.2	302.7	19.3
		107.8	366.0	25.9	350.9	24.6	339.6	23.2	332.6	22.3	317.8	21.3	302.7	19.3
		129.3	367.3	25.8	351.4	24.6	339.6	23.1	332.6	22.2	317.8	21.3	302.7	19.4
	59	34.5	366.3	22.4	353.3	21.6	339.6	20.8	332.6	20.0	317.8	19.1	302.7	17.4
		43.1	365.7	22.3	352.8	21.5	339.6	20.7	332.6	20.0	317.8	19.0	302.7	17.3
		86.2	363.2	21.9	350.3	21.1	339.6	20.3	332.6	19.6	317.8	18.3	302.7	16.9
		107.8	365.7	21.6	351.4	20.8	339.6	20.0	332.6	19.3	317.8	18.3	302.7	16.9
		129.3	366.8	21.5	351.7	20.6	339.6	19.8	332.6	19.1	317.8	18.3	302.7	16.9
	68	34.5	368.5	18.9	354.8	18.3	339.6	17.7	332.6	17.0	317.8	16.4	302.7	15.4
		43.1	368.2	18.9	354.2	18.3	339.6	17.6	332.6	16.9	317.8	16.2	302.7	15.2
		86.2	366.8	18.9	351.4	18.1	339.6	17.3	332.6	16.6	317.8	15.6	302.7	14.6
		107.8	367.9	18.6	352.3	17.9	339.6	17.3	332.6	16.6	317.8	15.6	302.7	14.6
		129.3	368.2	18.4	352.8	17.9	339.6	17.3	332.6	16.6	317.8	15.6	302.7	14.6
	77	34.5	374.6	16.5	359.3	15.6	339.6	15.0	332.6	14.2	317.8	13.6	302.7	12.6
		43.1	375.5	16.5	359.3	15.6	339.6	14.9	332.6	14.2	317.8	13.6	302.7	12.5
		86.2	379.1	16.3	359.3	15.4	339.6	14.6	332.6	14.2	317.8	13.2	302.7	12.2
		107.8	380.5	15.9	359.3	15.1	339.6	14.6	332.6	13.9	317.8	13.2	302.7	12.2
		129.3	381.1	15.7	359.3	14.9	339.6	14.6	332.6	13.7	317.8	13.2	302.7	12.2
	86	34.5	380.5	15.0	359.3	13.9	339.6	12.9	332.6	12.6	317.8	11.9	302.7	10.8
		43.1	380.5	14.9	359.3	13.9	339.6	12.9	332.6	12.5	317.8	11.8	302.7	10.8
		86.2	380.5	14.6	359.3	13.6	339.6	12.5	332.6	12.2	317.8	11.5	302.7	10.8
		107.8	380.5	14.2	359.3	13.2	339.6	12.5	332.6	12.2	317.8	11.5	302.7	10.5
		129.3	380.5	14.1	359.3	13.0	339.6	12.5	332.6	12.2	317.8	11.5	302.7	10.3
	95	34.5	380.5	13.6	359.3	12.6	339.6	11.6	332.6	11.3	317.8	10.6	302.7	9.9
		43.1	380.5	13.6	359.3	12.5	339.6	11.5	332.6	11.2	317.8	10.5	302.7	9.8
		86.2	380.5	13.2	359.3	12.2	339.6	11.2	332.6	10.8	317.8	10.2	302.7	9.5
		107.8	380.5	12.9	359.3	11.8	339.6	10.8	332.6	10.5	317.8	10.2	302.7	9.5
		129.3	380.5	12.7	359.3	11.7	339.6	10.6	332.6	10.3	317.8	10.2	302.7	9.5
	104	34.5	380.5	12.7	359.3	11.6	339.6	10.3	332.6	9.9	317.8	9.6	302.7	8.9
		43.1	380.5	12.5	359.3	11.5	339.6	10.2	332.6	9.8	317.8	9.5	302.7	8.8
		86.2	380.5	11.8	359.3	11.2	339.6	9.8	332.6	9.5	317.8	9.1	302.7	8.5
		107.8	380.5	11.8	359.3	11.2	339.6	9.8	332.6	9.5	317.8	9.1	302.7	8.5
		129.3	380.5	11.8	359.3	11.2	339.6	9.8	332.6	9.5	317.8	9.1	302.7	8.5
	113	34.5	380.5	11.8	359.3	10.6	339.6	8.9	332.6	8.6	317.8	8.6	302.7	7.8
		43.1	380.5	11.5	359.3	10.5	339.6	8.8	332.6	8.5	317.8	8.5	302.7	7.8
		86.2	380.5	10.5	359.3	10.2	339.6	8.5	332.6	8.1	317.8	8.1	302.7	7.5
		107.8	380.5	10.8	359.3	10.5	339.6	8.8	332.6	8.5	317.8	8.1	302.7	7.5
		129.3	380.5	11.0	359.3	10.7	339.6	9.0	332.6	8.7	317.8	8.1	302.7	7.5

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN336BAS4, ARWB336BAS4

336,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air temperature (°F DB)											
			61		65		68		70		72		75	
			TC MBh	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]
80	23	34.5	135.8	14.2	127.1	13.7	120.4	13.1	119.0	12.7	118.2	12.1	115.9	11.1
		43.1	140.3	14.6	131.6	14.0	124.6	13.4	123.2	13.0	122.4	12.4	119.9	11.4
		86.2	158.5	15.8	148.7	15.2	140.6	14.5	139.2	14.1	138.6	13.4	135.8	12.3
		107.8	175.5	17.0	164.1	16.4	155.4	15.7	153.7	15.2	152.9	14.5	149.8	13.3
		129.3	184.0	17.7	171.9	17.0	162.9	16.3	161.0	15.7	160.2	15.0	156.8	13.8
	32	34.5	242.2	20.9	223.4	20.1	208.0	19.2	204.1	18.6	201.3	17.7	193.7	16.3
		43.1	243.6	21.0	224.6	20.1	209.2	19.3	205.3	18.6	202.5	17.8	194.9	16.4
		86.2	249.7	21.2	229.9	20.4	214.2	19.5	210.3	18.8	207.5	18.0	199.4	16.5
		107.8	253.1	21.2	233.5	20.4	217.6	19.5	213.4	18.8	210.6	18.0	202.5	16.5
		129.3	255.0	21.2	235.2	20.4	219.5	19.5	215.0	18.8	212.2	18.0	204.1	16.5
	41	34.5	335.1	22.8	316.1	21.9	302.4	20.9	295.7	20.2	283.1	19.3	269.1	17.7
		43.1	335.7	22.9	316.7	22.0	302.4	21.0	295.7	20.3	283.1	19.4	269.1	17.8
		86.2	338.5	23.4	319.2	22.4	302.7	21.5	295.7	20.7	283.1	19.8	269.1	18.2
		107.8	338.5	23.5	318.9	22.6	302.7	21.6	295.7	20.9	283.1	19.9	269.1	18.3
		129.3	338.5	23.6	318.7	22.7	302.7	21.7	295.7	21.0	283.1	20.0	269.1	18.4
	50	34.5	336.8	20.9	317.5	20.0	302.4	19.0	295.7	18.5	283.1	17.5	269.1	16.2
		43.1	337.1	20.9	317.8	20.0	302.4	19.0	295.7	18.5	283.1	17.5	269.1	16.2
		86.2	338.5	20.8	319.2	19.9	302.7	19.0	295.7	18.5	283.1	17.5	269.1	16.2
		107.8	338.5	20.7	318.9	19.9	302.7	19.1	295.7	18.4	283.1	17.4	269.1	16.1
		129.3	338.5	20.7	318.7	20.0	302.7	19.1	295.7	18.3	283.1	17.4	269.1	16.1
	59	34.5	338.5	19.1	318.9	18.1	302.7	17.0	295.7	16.7	283.1	15.7	269.1	14.7
		43.1	338.5	19.0	318.9	17.9	302.7	16.9	295.7	16.6	283.1	15.6	269.1	14.6
		86.2	338.5	18.3	318.9	17.3	302.7	16.6	295.7	16.2	283.1	15.2	269.1	14.2
		107.8	338.5	17.9	318.9	17.3	302.7	16.6	295.7	15.9	283.1	14.9	269.1	13.9
		129.3	338.5	17.8	318.9	17.3	302.7	16.6	295.7	15.7	283.1	14.7	269.1	13.7
	68	34.5	338.5	16.0	318.9	15.3	302.7	14.6	295.7	14.3	283.1	13.6	269.1	12.6
		43.1	338.5	15.9	318.9	15.2	302.7	14.6	295.7	14.2	283.1	13.6	269.1	12.5
		86.2	338.5	15.6	318.9	14.9	302.7	14.6	295.7	13.9	283.1	13.2	269.1	12.2
		107.8	338.5	15.2	318.9	14.6	302.7	14.2	295.7	13.9	283.1	12.9	269.1	12.2
		129.3	338.5	15.1	318.9	14.4	302.7	14.1	295.7	13.9	283.1	12.7	269.1	12.2
	77	34.5	338.5	14.3	318.9	13.3	302.7	12.5	295.7	12.3	283.1	11.6	269.1	10.9
		43.1	338.5	14.2	318.9	13.2	302.7	12.5	295.7	12.2	283.1	11.5	269.1	10.8
		86.2	338.5	13.9	318.9	12.9	302.7	12.5	295.7	11.8	283.1	11.2	269.1	10.5
		107.8	338.5	13.6	318.9	12.9	302.7	12.2	295.7	11.8	283.1	11.2	269.1	10.5
		129.3	338.5	13.4	318.9	12.9	302.7	12.0	295.7	11.8	283.1	11.2	269.1	10.5
	86	34.5	338.5	12.6	318.9	11.9	302.7	11.3	295.7	10.9	283.1	10.3	269.1	9.6
		43.1	338.5	12.5	318.9	11.8	302.7	11.2	295.7	10.8	283.1	10.2	269.1	9.5
		86.2	338.5	12.2	318.9	11.5	302.7	10.8	295.7	10.5	283.1	9.8	269.1	9.1
		107.8	338.5	12.2	318.9	11.5	302.7	10.8	295.7	10.5	283.1	9.8	269.1	9.1
		129.3	338.5	12.2	318.9	11.5	302.7	10.8	295.7	10.5	283.1	9.8	269.1	9.1
	95	34.5	338.5	11.6	318.9	10.9	302.7	9.9	295.7	9.5	283.1	9.2	269.1	8.5
		43.1	338.5	11.5	318.9	10.8	302.7	9.8	295.7	9.5	283.1	9.1	269.1	8.5
		86.2	338.5	11.2	318.9	10.5	302.7	9.5	295.7	9.5	283.1	8.8	269.1	8.5
		107.8	338.5	11.2	318.9	10.2	302.7	9.5	295.7	9.1	283.1	8.8	269.1	8.1
		129.3	338.5	11.2	318.9	10.0	302.7	9.5	295.7	9.0	283.1	8.8	269.1	8.0
	104	34.5	338.5	11.0	318.9	9.9	302.7	8.8	295.7	8.9	283.1	8.1	269.1	7.8
		43.1	338.5	10.8	318.9	9.8	302.7	8.8	295.7	8.8	283.1	8.1	269.1	7.8
		86.2	338.5	10.2	318.9	9.5	302.7	8.8	295.7	8.5	283.1	8.1	269.1	7.5
		107.8	338.5	10.2	318.9	9.5	302.7	8.5	295.7	8.5	283.1	8.1	269.1	7.5
		129.3	338.5	10.2	318.9	9.5	302.7	8.3	295.7	8.5	283.1	8.1	269.1	7.5
	113	34.5	338.5	10.4	318.9	8.9	302.7	7.7	295.7	8.3	283.1	7.0	269.1	7.3
		43.1	338.5	10.2	318.9	8.8	302.7	7.8	295.7	8.1	283.1	7.1	269.1	7.1
		86.2	338.5	9.1	318.9	8.5	302.7	8.1	295.7	7.5	283.1	7.5	269.1	6.5
		107.8	338.5	9.1	318.9	8.8	302.7	7.5	295.7	7.8	283.1	7.5	269.1	6.8
		129.3	338.5	9.1	318.9	9.0	302.7	7.1	295.7	7.9	283.1	7.5	269.1	6.9

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

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ARWN336BAS4, ARWB336BAS4
336,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air temperature (°F DB)											
			61		65		68		70		72		75	
			TC MBh	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]
70	23	34.5	118.2	12.2	111.2	11.6	105.0	11.3	104.1	10.6	103.3	10.3	101.6	9.3
		43.1	122.4	12.5	115.1	11.9	108.6	11.5	107.5	10.9	106.9	10.5	105.0	9.5
		86.2	138.6	13.6	130.2	12.9	122.7	12.5	121.8	11.8	121.0	11.3	118.8	10.3
		107.8	153.4	14.6	143.9	13.9	135.8	13.5	134.7	12.7	133.6	12.3	131.1	11.1
		129.3	160.7	15.2	150.7	14.4	142.3	14.0	141.2	13.1	140.0	12.7	137.4	11.6
	32	34.5	211.9	17.9	195.7	17.1	181.7	16.5	178.6	15.5	175.8	15.0	169.6	13.7
		43.1	213.1	18.0	196.9	17.1	182.8	16.6	179.7	15.6	176.9	15.1	170.5	13.7
		86.2	218.1	18.2	201.6	17.3	187.0	16.8	183.9	15.8	181.1	15.2	174.4	13.8
		107.8	221.2	18.2	204.7	17.3	189.9	16.8	186.7	15.8	183.9	15.2	177.2	13.8
		129.3	222.8	18.2	206.3	17.3	191.3	16.8	188.2	15.8	185.3	15.2	178.6	13.8
	41	34.5	292.6	19.5	277.2	18.6	264.0	18.0	258.4	16.9	246.9	16.3	235.2	14.9
		43.1	293.2	19.6	277.8	18.7	264.0	18.1	258.4	17.0	246.9	16.4	235.2	14.9
		86.2	295.7	20.0	280.0	19.1	264.3	18.5	258.4	17.3	246.9	16.8	235.2	15.2
		107.8	295.7	20.1	279.5	19.2	264.3	18.6	258.4	17.5	246.9	16.9	235.2	15.4
		129.3	295.7	20.2	279.4	19.3	264.3	18.7	258.4	17.5	246.9	16.9	235.2	15.4
	50	34.5	294.0	18.0	278.3	17.0	264.3	16.4	258.4	15.4	246.9	14.8	235.2	13.6
		43.1	294.3	17.9	278.6	17.0	264.3	16.3	258.4	15.4	246.9	14.8	235.2	13.6
		86.2	295.7	17.8	279.5	16.8	264.3	16.2	258.4	15.4	246.9	14.8	235.2	13.6
		107.8	295.7	17.9	279.5	16.9	264.3	16.2	258.4	15.5	246.9	14.7	235.2	13.6
		129.3	295.7	17.9	279.5	16.9	264.3	16.3	258.4	15.6	246.9	14.7	235.2	13.6
	59	34.5	295.7	16.4	279.5	15.4	264.3	14.7	258.4	13.9	246.9	13.3	235.2	12.3
		43.1	295.7	16.2	279.5	15.2	264.3	14.6	258.4	13.9	246.9	13.2	235.2	12.2
		86.2	295.7	15.6	279.5	14.6	264.3	13.9	258.4	13.6	246.9	12.9	235.2	11.8
		107.8	295.7	15.6	279.5	14.6	264.3	13.9	258.4	13.6	246.9	12.5	235.2	11.8
		129.3	295.7	15.6	279.5	14.6	264.3	13.9	258.4	13.6	246.9	12.4	235.2	11.8
	68	34.5	295.7	13.6	279.5	12.9	264.3	12.6	258.4	12.3	246.9	11.6	235.2	10.9
		43.1	295.7	13.6	279.5	12.9	264.3	12.5	258.4	12.2	246.9	11.5	235.2	10.8
		86.2	295.7	13.2	279.5	12.5	264.3	12.2	258.4	11.8	246.9	11.2	235.2	10.5
		107.8	295.7	13.2	279.5	12.5	264.3	12.2	258.4	11.5	246.9	11.2	235.2	10.2
		129.3	295.7	13.2	279.5	12.5	264.3	12.2	258.4	11.4	246.9	11.2	235.2	10.0
	77	34.5	295.7	12.3	279.5	11.6	264.3	10.9	258.4	10.6	246.9	9.8	235.2	9.1
		43.1	295.7	12.2	279.5	11.5	264.3	10.8	258.4	10.5	246.9	9.8	235.2	9.1
		86.2	295.7	11.8	279.5	11.2	264.3	10.5	258.4	10.2	246.9	9.8	235.2	9.1
		107.8	295.7	11.5	279.5	10.8	264.3	10.5	258.4	10.2	246.9	9.5	235.2	9.1
		129.3	295.7	11.4	279.5	10.6	264.3	10.5	258.4	10.2	246.9	9.3	235.2	9.1
	86	34.5	295.7	10.9	279.5	10.3	264.3	9.6	258.4	9.1	246.9	8.9	235.2	8.1
		43.1	295.7	10.8	279.5	10.2	264.3	9.5	258.4	9.1	246.9	8.8	235.2	8.1
		86.2	295.7	10.5	279.5	9.8	264.3	9.1	258.4	9.1	246.9	8.5	235.2	8.1
		107.8	295.7	10.5	279.5	9.8	264.3	9.1	258.4	8.8	246.9	8.5	235.2	8.1
		129.3	295.7	10.5	279.5	9.8	264.3	9.1	258.4	8.6	246.9	8.5	235.2	8.1
	95	34.5	295.7	9.9	279.5	9.2	264.3	8.5	258.4	8.6	246.9	7.8	235.2	7.5
		43.1	295.7	9.8	279.5	9.1	264.3	8.5	258.4	8.5	246.9	7.8	235.2	7.5
		86.2	295.7	9.5	279.5	8.8	264.3	8.5	258.4	8.1	246.9	7.8	235.2	7.1
		107.8	295.7	9.5	279.5	8.8	264.3	8.1	258.4	8.1	246.9	7.8	235.2	7.1
		129.3	295.7	9.5	279.5	8.8	264.3	8.0	258.4	8.1	246.9	7.8	235.2	7.1
	104	34.5	295.7	9.2	279.5	8.6	264.3	7.8	258.4	7.5	246.9	7.1	235.2	6.8
		43.1	295.7	9.1	279.5	8.5	264.3	7.8	258.4	7.5	246.9	7.1	235.2	6.8
		86.2	295.7	8.8	279.5	8.1	264.3	7.5	258.4	7.5	246.9	7.1	235.2	6.5
		107.8	295.7	8.8	279.5	8.1	264.3	7.5	258.4	7.1	246.9	6.8	235.2	6.5
		129.3	295.7	8.8	279.5	8.1	264.3	7.5	258.4	6.9	246.9	6.6	235.2	6.5
	113	34.5	295.7	8.6	279.5	7.8	264.3	7.3	258.4	6.4	246.9	6.5	235.2	6.2
		43.1	295.7	8.5	279.5	7.8	264.3	7.1	258.4	6.5	246.9	6.5	235.2	6.1
		86.2	295.7	8.1	279.5	7.5	264.3	6.5	258.4	6.8	246.9	6.5	235.2	5.7
		107.8	295.7	8.1	279.5	7.5	264.3	6.8	258.4	6.1	246.9	5.7	235.2	5.7
		129.3	295.7	8.1	279.5	7.5	264.3	6.9	258.4	5.8	246.9	5.4	235.2	5.7

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

Due to our policy of continuous product innovation, some specifications may change without notification.
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HEATING CAPACITY DATA

ARWN336BAS4, ARWB336BAS4
336,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air temperature (°F DB)											
			61		65		68		70		72		75	
			TC MBh	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]
60	23	34.5	101.6	9.9	95.2	9.6	90.1	9.2	89.0	8.5	88.7	8.4	87.1	7.5
		43.1	105.0	10.2	98.5	9.8	93.2	9.4	92.1	8.7	91.8	8.6	89.9	7.7
		86.2	119.3	11.0	111.4	10.6	105.5	10.2	104.4	9.5	104.1	9.3	101.9	8.3
		107.8	131.6	11.9	123.2	11.5	116.8	11.0	115.4	10.2	115.1	10.1	112.5	9.0
		129.3	137.7	12.3	128.8	11.9	122.4	11.4	120.9	10.6	120.4	10.4	117.9	9.3
	32	34.5	181.7	14.6	167.4	14.1	156.2	13.4	153.1	12.5	150.9	12.3	145.6	11.0
		43.1	182.8	14.6	168.5	14.1	157.1	13.5	154.0	12.5	152.0	12.4	146.2	11.0
		86.2	187.0	14.8	172.2	14.2	161.0	13.7	157.6	12.7	155.4	12.5	149.5	11.1
		107.8	189.9	14.8	175.0	14.2	163.5	13.7	159.9	12.7	157.9	12.5	152.0	11.1
		129.3	191.3	14.8	176.4	14.2	164.7	13.7	161.3	12.7	159.1	12.5	153.2	11.1
	41	34.5	251.2	15.9	236.9	15.3	227.1	14.6	221.5	13.6	212.0	13.4	201.9	11.9
		43.1	251.7	15.9	237.4	15.4	227.1	14.7	221.5	13.7	212.0	13.5	201.9	12.0
		86.2	253.9	16.2	239.1	15.7	227.1	15.0	221.5	14.0	212.0	13.8	201.9	12.3
		107.8	253.9	16.4	238.8	15.8	227.1	15.1	221.5	14.1	212.0	13.8	201.9	12.4
		129.3	253.9	16.5	238.6	15.8	227.1	15.2	221.5	14.1	212.0	13.9	201.9	12.4
	50	34.5	252.6	14.6	237.7	13.9	227.1	13.3	221.5	12.4	212.0	12.2	201.9	10.9
		43.1	252.8	14.6	238.0	13.9	227.1	13.3	221.5	12.4	212.0	12.2	201.9	10.9
		86.2	253.9	14.6	239.1	13.9	227.1	13.3	221.5	12.6	212.0	12.1	201.9	11.0
		107.8	253.9	14.6	238.8	13.8	227.1	13.1	221.5	12.4	212.0	12.0	201.9	10.9
		129.3	253.9	14.6	238.6	13.7	227.1	13.1	221.5	12.4	212.0	12.0	201.9	10.9
	59	34.5	253.9	13.3	238.8	12.6	227.1	11.9	221.5	11.2	212.0	10.9	201.9	9.8
		43.1	253.9	13.2	238.8	12.5	227.1	11.8	221.5	11.2	212.0	10.8	201.9	9.8
		86.2	253.9	12.9	238.8	12.2	227.1	11.5	221.5	11.2	212.0	10.5	201.9	9.8
		107.8	253.9	12.9	238.8	11.8	227.1	11.2	221.5	10.8	212.0	10.2	201.9	9.5
		129.3	253.9	12.9	238.8	11.7	227.1	11.0	221.5	10.6	212.0	10.0	201.9	9.3
	68	34.5	253.9	11.6	238.8	10.9	227.1	10.3	221.5	9.9	212.0	9.6	201.9	8.9
		43.1	253.9	11.5	238.8	10.8	227.1	10.2	221.5	9.8	212.0	9.5	201.9	8.8
		86.2	253.9	11.2	238.8	10.5	227.1	9.8	221.5	9.5	212.0	9.1	201.9	8.5
		107.8	253.9	11.2	238.8	10.5	227.1	9.8	221.5	9.5	212.0	9.1	201.9	8.5
		129.3	253.9	11.2	238.8	10.5	227.1	9.8	221.5	9.5	212.0	9.1	201.9	8.5
	77	34.5	253.9	10.3	238.8	9.6	227.1	8.8	221.5	8.9	212.0	8.1	201.9	7.8
		43.1	253.9	10.2	238.8	9.5	227.1	8.8	221.5	8.8	212.0	8.1	201.9	7.8
		86.2	253.9	9.8	238.8	9.1	227.1	8.8	221.5	8.5	212.0	8.1	201.9	7.5
		107.8	253.9	9.8	238.8	9.1	227.1	8.5	221.5	8.5	212.0	8.1	201.9	7.5
		129.3	253.9	9.8	238.8	9.1	227.1	8.3	221.5	8.5	212.0	8.1	201.9	7.5
	86	34.5	253.9	9.2	238.8	8.6	227.1	8.2	221.5	7.8	212.0	7.5	201.9	7.2
		43.1	253.9	9.1	238.8	8.5	227.1	8.1	221.5	7.8	212.0	7.5	201.9	7.1
		86.2	253.9	8.8	238.8	8.1	227.1	7.8	221.5	7.5	212.0	7.1	201.9	6.8
		107.8	253.9	8.8	238.8	8.1	227.1	7.8	221.5	7.5	212.0	7.1	201.9	6.8
		129.3	253.9	8.8	238.8	8.1	227.1	7.8	221.5	7.5	212.0	7.1	201.9	6.8
	95	34.5	253.9	8.1	238.8	7.8	227.1	7.1	221.5	7.2	212.0	6.8	201.9	6.5
		43.1	253.9	8.1	238.8	7.8	227.1	7.1	221.5	7.1	212.0	6.8	201.9	6.5
		86.2	253.9	8.1	238.8	7.5	227.1	7.1	221.5	6.8	212.0	6.5	201.9	6.1
		107.8	253.9	8.1	238.8	7.5	227.1	6.8	221.5	6.8	212.0	6.5	201.9	6.1
		129.3	253.9	8.1	238.8	7.5	227.1	6.6	221.5	6.8	212.0	6.5	201.9	6.1
	104	34.5	253.9	7.5	238.8	7.2	227.1	6.5	221.5	6.5	212.0	6.2	201.9	5.7
		43.1	253.9	7.5	238.8	7.1	227.1	6.5	221.5	6.5	212.0	6.1	201.9	5.7
		86.2	253.9	7.5	238.8	6.8	227.1	6.5	221.5	6.1	212.0	5.7	201.9	5.7
		107.8	253.9	7.5	238.8	6.8	227.1	6.5	221.5	6.1	212.0	5.7	201.9	5.7
		129.3	253.9	7.5	238.8	6.8	227.1	6.5	221.5	6.1	212.0	5.7	201.9	5.7
	113	34.5	253.9	6.8	238.8	6.5	227.1	5.7	221.5	5.8	212.0	5.5	201.9	5.0
		43.1	253.9	6.8	238.8	6.5	227.1	5.7	221.5	5.7	212.0	5.4	201.9	5.1
		86.2	253.9	6.8	238.8	6.1	227.1	5.7	221.5	5.4	212.0	5.1	201.9	5.4
		107.8	253.9	6.8	238.8	6.1	227.1	6.1	221.5	5.4	212.0	5.1	201.9	5.4
		129.3	253.9	6.8	238.8	6.1	227.1	6.3	221.5	5.4	212.0	5.1	201.9	5.4

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

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HEATING CAPACITY DATA

ARWN336BAS4, ARWB336BAS4
336,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air temperature (°F DB)											
			61		65		68		70		72		75	
			TC MBh	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]
50	23	34.5	84.8	7.9	79.5	7.5	75.1	7.1	74.2	6.7	73.7	6.3	72.5	6.0
		43.1	87.6	8.1	82.3	7.7	77.8	7.3	76.7	6.9	76.4	6.5	74.8	6.1
		86.2	98.8	8.8	92.9	8.3	87.9	7.8	86.8	7.5	86.5	7.0	84.8	6.6
		107.8	109.4	9.5	102.7	9.0	97.1	8.5	96.0	8.1	95.2	7.5	93.8	7.1
		129.3	114.8	9.8	107.6	9.3	101.6	8.8	100.5	8.3	99.7	7.8	98.5	7.4
	32	34.5	150.9	11.6	139.8	11.0	129.9	10.4	127.1	9.8	125.4	9.3	121.0	8.7
		43.1	152.0	11.6	140.6	11.0	130.8	10.4	128.0	9.9	126.3	9.3	121.8	8.8
		86.2	155.4	11.7	143.9	11.1	133.9	10.5	131.1	10.0	129.4	9.4	124.6	8.9
		107.8	157.9	11.7	145.9	11.1	135.8	10.5	133.3	10.0	131.1	9.4	126.6	8.9
		129.3	159.1	11.7	147.0	11.1	136.6	10.5	134.4	10.0	132.1	9.4	127.7	8.9
	41	34.5	208.8	12.6	198.0	11.9	188.7	11.3	184.2	10.7	176.1	10.1	168.0	9.5
		43.1	209.2	12.7	198.3	12.0	188.7	11.3	184.2	10.8	176.1	10.1	168.0	9.5
		86.2	210.9	12.9	199.7	12.3	189.3	11.6	184.2	11.0	176.1	10.3	168.0	9.7
		107.8	210.9	13.0	199.4	12.4	189.3	11.7	184.2	11.1	176.1	10.4	168.0	9.8
		129.3	210.9	13.1	199.1	12.4	189.3	11.7	184.2	11.1	176.1	10.5	168.0	9.8
	50	34.5	210.0	11.6	198.5	10.9	188.7	10.3	184.2	9.8	176.1	9.1	168.0	8.7
		43.1	210.3	11.6	198.8	10.9	188.7	10.3	184.2	9.8	176.1	9.1	168.0	8.7
		86.2	210.9	11.5	199.7	10.9	189.3	10.2	184.2	9.7	176.1	9.2	168.0	8.6
		107.8	210.9	11.6	199.4	10.9	189.3	10.2	184.2	9.8	176.1	9.1	168.0	8.6
		129.3	210.9	11.6	199.1	10.9	189.3	10.3	184.2	9.8	176.1	9.0	168.0	8.6
	59	34.5	210.9	10.6	199.4	9.9	189.3	9.2	184.2	8.9	176.1	8.1	168.0	7.8
		43.1	210.9	10.5	199.4	9.8	189.3	9.1	184.2	8.8	176.1	8.1	168.0	7.8
		86.2	210.9	10.2	199.4	9.5	189.3	8.8	184.2	8.5	176.1	8.1	168.0	7.5
		107.8	210.9	10.2	199.4	9.5	189.3	8.8	184.2	8.5	176.1	7.8	168.0	7.5
		129.3	210.9	10.2	199.4	9.5	189.3	8.8	184.2	8.5	176.1	7.6	168.0	7.5
	68	34.5	210.9	9.2	199.4	8.6	189.3	8.2	184.2	7.8	176.1	7.5	168.0	6.8
		43.1	210.9	9.1	199.4	8.5	189.3	8.1	184.2	7.8	176.1	7.5	168.0	6.8
		86.2	210.9	8.8	199.4	8.1	189.3	7.8	184.2	7.5	176.1	7.1	168.0	6.8
		107.8	210.9	8.8	199.4	8.1	189.3	7.8	184.2	7.5	176.1	7.1	168.0	6.8
		129.3	210.9	8.8	199.4	8.1	189.3	7.8	184.2	7.5	176.1	7.1	168.0	6.8
	77	34.5	210.9	8.2	199.4	7.5	189.3	7.2	184.2	6.8	176.1	6.5	168.0	6.1
		43.1	210.9	8.1	199.4	7.5	189.3	7.1	184.2	6.8	176.1	6.5	168.0	6.1
		86.2	210.9	7.8	199.4	7.5	189.3	6.8	184.2	6.8	176.1	6.5	168.0	6.1
		107.8	210.9	7.8	199.4	7.5	189.3	6.8	184.2	6.8	176.1	6.5	168.0	6.1
		129.3	210.9	7.8	199.4	7.5	189.3	6.8	184.2	6.8	176.1	6.5	168.0	6.1
	86	34.5	210.9	7.5	199.4	6.8	189.3	6.5	184.2	6.1	176.1	6.2	168.0	5.8
		43.1	210.9	7.5	199.4	6.8	189.3	6.5	184.2	6.1	176.1	6.1	168.0	5.7
		86.2	210.9	7.1	199.4	6.5	189.3	6.1	184.2	6.1	176.1	5.7	168.0	5.4
		107.8	210.9	7.1	199.4	6.5	189.3	6.1	184.2	6.1	176.1	5.7	168.0	5.4
		129.3	210.9	7.1	199.4	6.5	189.3	6.1	184.2	6.1	176.1	5.7	168.0	5.4
	95	34.5	210.9	6.8	199.4	6.1	189.3	5.7	184.2	5.8	176.1	5.4	168.0	5.1
		43.1	210.9	6.8	199.4	6.1	189.3	5.7	184.2	5.7	176.1	5.4	168.0	5.1
		86.2	210.9	6.5	199.4	6.1	189.3	5.7	184.2	5.4	176.1	5.4	168.0	5.1
		107.8	210.9	6.5	199.4	6.1	189.3	5.7	184.2	5.4	176.1	5.4	168.0	5.1
		129.3	210.9	6.5	199.4	6.1	189.3	5.7	184.2	5.4	176.1	5.4	168.0	5.1
	104	34.5	210.9	6.2	199.4	5.8	189.3	5.5	184.2	5.1	176.1	5.2	168.0	4.7
		43.1	210.9	6.1	199.4	5.7	189.3	5.4	184.2	5.1	176.1	5.1	168.0	4.7
		86.2	210.9	5.7	199.4	5.4	189.3	5.1	184.2	5.1	176.1	4.7	168.0	4.7
		107.8	210.9	5.7	199.4	5.4	189.3	5.1	184.2	5.1	176.1	4.7	168.0	4.7
		129.3	210.9	5.7	199.4	5.4	189.3	5.1	184.2	5.1	176.1	4.7	168.0	4.7
	113	34.5	210.9	5.5	199.4	5.6	189.3	5.2	184.2	4.3	176.1	4.9	168.0	4.4
		43.1	210.9	5.4	199.4	5.4	189.3	5.1	184.2	4.4	176.1	4.7	168.0	4.4
		86.2	210.9	5.1	199.4	4.7	189.3	4.4	184.2	4.7	176.1	4.1	168.0	4.4
		107.8	210.9	5.1	199.4	4.7	189.3	4.4	184.2	4.7	176.1	4.1	168.0	4.4
		129.3	210.9	5.1	199.4	4.7	189.3	4.4	184.2	4.7	176.1	4.1	168.0	4.4

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN432BAS4, ARWB432BAS4
432,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
130	23	42.6	229.8	28.68	228.3	27.00	226.8	25.14	223.8	24.39	226.5	23.76	220.2	21.30
		53.3	237.9	29.19	236.1	27.54	234.6	25.68	231.6	24.93	234.3	24.27	228.0	21.78
		106.5	269.1	31.17	266.7	29.61	265.5	27.87	261.9	27.06	264.9	26.31	258.0	23.61
		133.1	297.6	33.15	294.9	31.65	293.1	30.03	289.2	29.22	293.1	28.38	285.3	25.44
		159.8	311.7	34.14	309.0	32.67	306.9	31.14	303.3	30.33	307.2	29.43	298.8	26.37
	32	42.6	410.7	39.24	401.4	38.07	392.7	36.81	384.3	35.79	385.5	34.80	368.1	31.17
		53.3	413.1	39.33	403.8	38.16	395.1	36.93	386.4	35.88	387.9	34.89	370.2	31.26
		106.5	423.3	39.75	412.8	38.52	404.1	37.35	395.7	36.33	396.9	35.28	379.2	31.65
		133.1	429.6	39.75	419.1	38.52	410.4	37.35	401.4	36.33	402.9	35.28	384.6	31.65
		159.8	432.6	39.75	422.4	38.52	413.7	37.35	404.4	36.33	405.9	35.28	387.6	31.65
	41	42.6	591.6	42.18	582.6	41.13	570.3	40.08	556.2	38.94	541.2	37.86	511.2	33.93
		53.3	593.7	42.36	583.8	41.31	570.6	40.29	556.2	39.15	541.2	38.07	511.2	34.11
		106.5	601.8	43.11	587.7	42.09	570.9	41.10	556.2	39.96	541.2	38.82	511.2	34.80
		133.1	605.4	43.41	589.5	42.36	570.9	41.37	556.2	40.23	541.2	39.09	511.2	35.04
		159.8	607.2	43.53	590.4	42.51	570.9	41.52	556.2	40.38	541.2	39.24	511.2	35.16
	50	42.6	592.2	38.37	582.6	37.08	568.8	36.39	553.8	35.58	539.1	34.35	509.4	30.99
		53.3	595.8	38.31	585.6	37.11	570.9	36.45	556.2	35.55	541.2	34.32	511.2	30.99
		106.5	609.9	38.01	596.4	37.26	579.9	36.75	565.2	35.52	549.3	34.23	519.6	30.87
		133.1	612.9	38.52	600.3	37.77	583.8	36.87	567.9	35.64	552.9	34.80	522.6	32.34
		159.8	614.7	38.79	602.4	38.04	585.6	36.96	569.1	35.73	554.7	35.10	524.1	33.09
	59	42.6	593.1	34.59	582.9	33.12	566.4	32.76	551.4	32.22	537.0	30.84	507.3	28.11
		53.3	598.2	34.23	587.4	32.97	570.9	32.67	556.2	31.98	541.2	30.60	511.2	27.87
		106.5	617.7	32.88	604.8	32.40	589.2	32.40	574.2	31.02	557.4	29.67	527.7	26.91
		133.1	620.7	33.66	610.8	33.15	596.4	32.40	579.9	31.02	565.2	30.51	534.0	29.67
		159.8	622.2	34.08	613.8	33.54	600.0	32.40	582.9	31.02	569.1	30.93	537.0	31.05
	68	42.6	615.9	31.74	604.5	30.24	588.6	29.58	572.4	28.65	555.6	27.99	522.6	27.15
		53.3	620.7	31.50	609.3	30.21	593.1	29.55	576.9	28.77	560.7	28.20	527.7	26.91
		106.5	640.2	30.60	628.8	30.12	611.1	29.46	594.9	29.22	579.9	28.95	546.9	26.01
		133.1	642.9	30.60	633.3	30.12	618.6	29.67	600.9	29.22	584.7	28.95	551.7	27.66
		159.8	644.1	30.60	635.7	30.12	622.2	29.76	603.9	29.22	586.8	28.95	553.8	28.50
	77	42.6	650.1	30.24	633.3	29.37	618.6	28.89	606.6	28.38	593.1	27.99	559.2	26.13
		53.3	650.1	30.12	633.3	29.34	618.6	28.77	606.6	28.29	593.1	27.87	559.2	26.01
		106.5	650.1	29.67	633.3	29.13	618.6	28.29	606.6	27.87	593.1	27.39	559.2	25.56
		133.1	650.1	29.22	633.3	28.38	618.6	27.87	606.6	27.39	593.1	26.91	559.2	25.11
		159.8	650.1	29.01	633.3	27.99	618.6	27.66	606.6	27.15	593.1	26.67	559.2	24.90
	86	42.6	650.1	29.46	633.3	27.99	618.6	27.75	606.6	27.03	593.1	26.73	559.2	24.87
		53.3	650.1	29.22	633.3	27.96	618.6	27.57	606.6	26.91	593.1	26.49	559.2	24.66
		106.5	650.1	28.29	633.3	27.78	618.6	26.91	606.6	26.49	593.1	25.56	559.2	23.76
		133.1	650.1	27.87	633.3	27.00	618.6	26.49	606.6	26.01	593.1	25.56	559.2	23.76
		159.8	650.1	27.66	633.3	26.64	618.6	26.28	606.6	25.77	593.1	25.56	559.2	23.76
	95	42.6	650.1	28.11	633.3	27.18	618.6	26.61	606.6	25.65	593.1	24.78	559.2	23.04
		53.3	650.1	27.87	633.3	27.00	618.6	26.49	606.6	25.56	593.1	24.66	559.2	22.80
		106.5	650.1	26.91	633.3	26.40	618.6	26.01	606.6	25.11	593.1	24.18	559.2	21.90
		133.1	650.1	26.91	633.3	26.10	618.6	25.56	606.6	24.66	593.1	23.76	559.2	21.90
		159.8	650.1	26.91	633.3	25.98	618.6	25.32	606.6	24.42	593.1	23.55	559.2	21.90
	104	42.6	650.1	27.15	633.3	26.28	618.6	25.77	606.6	24.87	593.1	24.00	559.2	21.66
		53.3	650.1	26.91	633.3	26.10	618.6	25.56	606.6	24.66	593.1	23.76	559.2	21.45
		106.5	650.1	26.01	633.3	25.44	618.6	24.66	606.6	23.76	593.1	22.80	559.2	20.55
		133.1	650.1	25.56	633.3	25.02	618.6	24.66	606.6	23.76	593.1	22.80	559.2	20.55
		159.8	650.1	25.32	633.3	24.81	618.6	24.66	606.6	23.76	593.1	22.80	559.2	20.55
	113	42.6	650.1	26.25	633.3	25.38	618.6	24.99	606.6	24.09	593.1	23.16	559.2	20.31
		53.3	650.1	26.01	633.3	25.23	618.6	24.66	606.6	23.76	593.1	22.80	559.2	20.07
		106.5	650.1	25.11	633.3	24.57	618.6	23.28	606.6	22.38	593.1	21.45	559.2	19.17
		133.1	650.1	24.18	633.3	23.94	618.6	23.76	606.6	22.80	593.1	21.90	559.2	19.17
		159.8	650.1	23.70	633.3	23.64	618.6	24.00	606.6	23.01	593.1	22.14	559.2	19.17

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN432BAS4, ARWB432BAS4
432,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
120	23	42.6	218.4	28.68	216.9	27.00	215.4	25.14	213.0	24.09	214.5	23.37	208.8	20.94
		53.3	225.9	29.19	224.1	27.54	222.9	25.68	220.2	24.60	222.0	23.91	216.0	21.39
		106.5	255.9	31.17	253.5	29.61	252.3	27.87	249.0	26.67	251.4	25.92	244.5	23.22
		133.1	282.6	33.15	280.2	31.65	278.4	30.03	275.4	28.80	277.5	27.96	270.0	25.02
		159.8	296.1	34.14	293.7	32.67	291.6	31.14	288.6	29.88	290.7	28.98	282.6	25.92
	32	42.6	390.6	39.24	381.0	38.07	372.9	36.81	365.4	35.25	365.4	34.29	348.6	30.66
		53.3	393.0	39.33	383.4	38.16	375.3	36.93	367.5	35.37	367.5	34.38	350.7	30.75
		106.5	402.0	39.75	392.4	38.52	384.3	37.35	376.2	35.79	376.2	34.77	359.4	31.11
		133.1	408.3	39.75	398.7	38.52	390.3	37.35	381.9	35.79	381.6	34.77	364.8	31.11
		159.8	411.3	39.75	402.0	38.52	393.0	37.35	384.9	35.79	384.3	34.77	367.5	31.11
	41	42.6	563.1	42.18	554.7	41.13	542.4	40.08	529.5	38.37	512.7	37.32	484.5	33.42
		53.3	565.2	42.36	555.6	41.31	542.4	40.29	529.5	38.58	512.7	37.50	484.5	33.57
		106.5	573.3	43.11	559.8	42.09	542.4	41.10	529.5	39.39	512.7	38.25	484.5	34.23
		133.1	576.3	43.41	556.5	42.36	542.4	41.37	529.5	39.66	512.7	38.52	484.5	34.47
		159.8	578.1	43.53	555.0	42.51	542.4	41.52	529.5	39.81	512.7	38.67	484.5	34.59
	50	42.6	565.2	37.89	554.7	36.84	540.9	36.09	528.0	34.98	511.2	33.84	483.3	30.42
		53.3	567.9	38.01	557.1	36.99	542.4	36.21	529.5	35.04	512.7	33.81	484.5	30.45
		106.5	578.1	38.52	566.1	37.53	548.4	36.75	535.2	35.22	518.1	33.72	489.6	30.60
		133.1	581.4	38.40	564.3	37.53	550.5	36.87	537.6	35.37	520.5	33.87	492.0	31.65
		159.8	582.9	38.31	563.4	37.53	551.7	36.96	538.8	35.43	521.4	33.93	492.9	32.16
	59	42.6	566.7	33.60	555.3	32.61	539.4	32.10	526.5	31.62	510.0	30.36	482.1	27.51
		53.3	570.0	33.66	558.9	32.67	542.4	32.16	529.5	31.50	512.7	30.12	484.5	27.39
		106.5	583.2	33.96	572.4	32.97	554.7	32.40	541.2	31.02	523.2	29.22	495.0	26.91
		133.1	586.5	33.42	571.8	32.67	559.2	32.40	545.7	31.02	527.7	29.22	499.5	28.77
		159.8	588.0	33.18	571.8	32.55	561.6	32.40	548.1	31.02	529.8	29.22	501.9	29.70
	68	42.6	582.6	30.21	571.5	28.95	554.4	28.17	539.1	27.75	521.7	27.42	493.5	26.01
		53.3	586.5	30.21	575.1	29.04	557.4	28.29	542.4	27.87	525.0	27.39	496.5	25.92
		106.5	601.2	30.21	588.6	29.46	569.7	28.77	556.2	28.29	537.9	27.30	508.2	25.56
		133.1	603.9	29.94	588.3	29.22	574.2	28.77	559.2	28.29	541.2	27.39	511.2	26.49
		159.8	605.4	29.79	588.0	29.10	576.3	28.77	560.7	28.29	542.7	27.45	513.0	26.97
	77	42.6	610.8	28.59	593.1	27.24	574.2	26.73	561.9	26.13	546.9	25.65	517.2	23.88
		53.3	611.1	28.47	593.1	27.21	574.2	26.67	561.9	26.01	546.9	25.56	517.2	23.76
		106.5	612.6	28.05	593.1	27.00	574.2	26.49	561.9	25.56	546.9	25.11	517.2	23.28
		133.1	614.4	27.00	593.1	26.31	574.2	26.01	561.9	25.56	546.9	24.66	517.2	23.28
		159.8	615.3	26.49	593.1	25.95	574.2	25.77	561.9	25.56	546.9	24.42	517.2	23.28
	86	42.6	614.4	27.33	593.1	25.98	574.2	25.23	561.9	24.30	546.9	24.00	517.2	22.02
		53.3	614.4	27.12	593.1	25.83	574.2	25.11	561.9	24.18	546.9	23.76	517.2	21.90
		106.5	614.4	26.22	593.1	25.23	574.2	24.66	561.9	23.76	546.9	22.80	517.2	21.45
		133.1	614.4	25.35	593.1	24.66	574.2	24.18	561.9	23.76	546.9	22.80	517.2	21.00
		159.8	614.4	24.93	593.1	24.36	574.2	23.94	561.9	23.76	546.9	22.80	517.2	20.79
	95	42.6	614.4	26.10	593.1	24.69	574.2	24.00	561.9	23.04	546.9	22.14	517.2	20.19
		53.3	614.4	25.74	593.1	24.45	574.2	23.76	561.9	22.80	546.9	21.90	517.2	20.07
		106.5	614.4	24.27	593.1	23.55	574.2	22.80	561.9	21.90	546.9	21.00	517.2	19.65
		133.1	614.4	24.00	593.1	23.37	574.2	22.80	561.9	21.90	546.9	21.00	517.2	19.17
		159.8	614.4	23.85	593.1	23.28	574.2	22.80	561.9	21.90	546.9	21.00	517.2	18.93
	104	42.6	614.4	25.32	593.1	23.55	574.2	22.62	561.9	21.66	546.9	20.76	517.2	18.81
		53.3	614.4	24.84	593.1	23.28	574.2	22.38	561.9	21.45	546.9	20.55	517.2	18.69
		106.5	614.4	22.89	593.1	22.20	574.2	21.45	561.9	20.55	546.9	19.65	517.2	18.27
		133.1	614.4	22.62	593.1	21.90	574.2	21.45	561.9	20.55	546.9	19.65	517.2	17.79
		159.8	614.4	22.47	593.1	21.78	574.2	21.45	561.9	20.55	546.9	19.65	517.2	17.58
	113	42.6	614.4	24.54	593.1	22.41	574.2	21.24	561.9	20.31	546.9	19.41	517.2	17.43
		53.3	614.4	23.94	593.1	22.11	574.2	21.00	561.9	20.07	546.9	19.17	517.2	17.34
		106.5	614.4	21.54	593.1	20.82	574.2	20.07	561.9	19.17	546.9	18.27	517.2	16.92
		133.1	614.4	21.24	593.1	20.46	574.2	20.07	561.9	19.17	546.9	18.27	517.2	16.44
		159.8	614.4	21.12	593.1	20.25	574.2	20.07	561.9	19.17	546.9	18.27	517.2	16.20

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN432BAS4, ARWB432BAS4

432,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
110	23	42.6	206.7	29.07	205.5	27.00	204.0	25.14	201.9	24.09	202.5	23.37	198.0	20.94
		53.3	213.9	29.55	212.4	27.54	211.2	25.68	208.8	24.60	209.4	23.91	204.9	21.39
		106.5	241.8	31.56	240.6	29.61	239.1	27.87	236.4	26.67	236.4	25.92	231.9	23.22
		133.1	267.3	33.57	265.5	31.65	264.0	30.03	261.3	28.80	261.3	27.96	255.9	25.02
		159.8	279.9	34.59	277.8	32.67	276.6	31.14	273.9	29.88	273.9	28.98	267.9	25.92
	32	42.6	369.6	39.75	361.2	38.07	353.7	36.81	347.1	35.25	343.8	34.29	330.9	30.66
		53.3	371.7	39.87	363.6	38.16	355.8	36.93	348.9	35.37	345.9	34.38	332.7	30.75
		106.5	380.1	40.23	372.0	38.52	363.9	37.35	357.3	35.79	354.0	34.77	340.5	31.11
		133.1	386.1	40.23	378.0	38.52	369.9	37.35	362.7	35.79	359.4	34.77	345.3	31.11
		159.8	389.1	40.23	381.0	38.52	372.9	37.35	365.4	35.79	362.1	34.77	348.0	31.11
	41	42.6	538.8	42.75	526.2	41.13	513.9	40.08	502.2	38.37	482.7	37.32	459.3	33.42
		53.3	540.6	42.93	527.1	41.31	513.9	40.29	502.2	38.58	482.7	37.50	459.3	33.57
		106.5	547.8	43.68	531.3	42.09	514.5	41.10	502.2	39.39	482.7	38.25	459.3	34.23
		133.1	551.1	43.98	532.5	42.36	514.5	41.37	502.2	39.66	482.7	38.52	459.3	34.47
		159.8	552.6	44.10	533.1	42.51	514.5	41.52	502.2	39.81	482.7	38.67	459.3	34.59
	50	42.6	540.9	38.31	527.7	37.02	513.3	36.21	501.6	34.98	482.1	33.84	458.7	30.42
		53.3	543.0	38.40	528.9	37.11	513.9	36.33	502.2	35.04	482.7	33.81	459.3	30.45
		106.5	551.1	38.67	534.3	37.53	517.2	36.75	505.5	35.22	486.0	33.72	461.7	30.60
		133.1	554.4	38.67	536.7	37.53	519.0	36.66	506.4	35.13	486.9	33.87	462.9	30.93
		159.8	555.9	38.67	537.9	37.53	519.9	36.60	506.7	35.10	487.5	33.93	463.5	31.11
	59	42.6	542.4	33.90	528.3	32.97	513.0	32.40	500.7	31.62	481.2	30.36	458.1	27.51
		53.3	544.8	33.87	530.4	32.97	514.5	32.40	502.2	31.50	482.7	30.12	459.3	27.39
		106.5	553.8	33.66	537.9	32.97	520.5	32.40	508.2	31.02	489.3	29.22	463.8	26.91
		133.1	557.1	33.42	540.6	32.67	523.2	31.98	510.0	30.60	490.5	29.22	466.5	27.39
		159.8	558.6	33.33	542.1	32.55	524.4	31.77	510.9	30.39	491.1	29.22	468.0	27.63
	68	42.6	552.6	29.28	537.6	28.56	520.2	27.87	506.1	27.39	487.8	26.61	462.0	24.90
		53.3	555.6	29.34	539.4	28.56	521.7	27.87	508.2	27.39	489.3	26.49	463.8	24.84
		106.5	567.3	29.55	546.6	28.56	527.7	27.87	515.7	27.39	495.0	26.01	471.0	24.66
		133.1	570.6	29.55	551.1	28.56	530.7	27.87	517.2	26.91	497.7	26.01	472.5	24.66
		159.8	572.1	29.55	553.5	28.56	532.5	27.87	517.8	26.67	499.2	26.01	473.1	24.66
	77	42.6	570.0	26.64	552.9	25.65	530.7	25.23	519.0	24.30	501.0	23.40	474.3	21.45
		53.3	570.9	26.58	552.9	25.56	530.7	25.11	519.0	24.18	501.0	23.28	474.3	21.45
		106.5	575.4	26.40	552.9	25.11	530.7	24.66	519.0	23.76	501.0	22.80	474.3	21.45
		133.1	578.1	26.40	552.9	25.23	530.7	24.18	519.0	23.76	501.0	22.38	474.3	21.00
		159.8	579.6	26.40	552.9	25.26	530.7	23.94	519.0	23.76	501.0	22.17	474.3	20.79
	86	42.6	578.1	24.30	552.9	23.40	530.7	22.50	519.0	22.02	501.0	20.67	474.3	19.29
		53.3	578.1	24.18	552.9	23.28	530.7	22.38	519.0	21.90	501.0	20.55	474.3	19.17
		106.5	578.1	23.76	552.9	22.80	530.7	21.90	519.0	21.45	501.0	20.07	474.3	18.69
		133.1	578.1	23.55	552.9	22.38	530.7	21.45	519.0	21.00	501.0	20.07	474.3	18.69
		159.8	578.1	23.46	552.9	22.17	530.7	21.21	519.0	20.79	501.0	20.07	474.3	18.69
	95	42.6	578.1	23.04	552.9	21.54	530.7	20.67	519.0	19.77	501.0	18.81	474.3	17.43
		53.3	578.1	22.80	552.9	21.45	530.7	20.55	519.0	19.65	501.0	18.69	474.3	17.34
		106.5	578.1	21.90	552.9	21.00	530.7	20.07	519.0	19.17	501.0	18.27	474.3	16.92
		133.1	578.1	21.36	552.9	20.55	530.7	19.65	519.0	19.17	501.0	18.27	474.3	16.92
		159.8	578.1	21.06	552.9	20.31	530.7	19.44	519.0	19.17	501.0	18.27	474.3	16.92
	104	42.6	578.1	21.66	552.9	20.76	530.7	19.41	519.0	18.39	501.0	17.43	474.3	16.08
		53.3	578.1	21.45	552.9	20.55	530.7	19.17	519.0	18.27	501.0	17.34	474.3	15.96
		106.5	578.1	20.55	552.9	19.65	530.7	18.27	519.0	17.79	501.0	16.92	474.3	15.54
		133.1	578.1	20.25	552.9	19.17	530.7	18.27	519.0	17.34	501.0	16.44	474.3	15.06
		159.8	578.1	20.13	552.9	18.93	530.7	18.27	519.0	17.10	501.0	16.20	474.3	14.82
	113	42.6	578.1	20.31	552.9	19.98	530.7	18.15	519.0	17.04	501.0	16.08	474.3	14.70
		53.3	578.1	20.07	552.9	19.65	530.7	17.79	519.0	16.92	501.0	15.96	474.3	14.58
		106.5	578.1	19.17	552.9	18.27	530.7	16.44	519.0	16.44	501.0	15.54	474.3	14.16
		133.1	578.1	19.17	552.9	17.79	530.7	16.92	519.0	15.54	501.0	14.58	474.3	13.23
		159.8	578.1	19.17	552.9	17.58	530.7	17.13	519.0	15.09	501.0	14.13	474.3	12.75

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN432BAS4, ARWB432BAS4

432,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
100	23	42.6	195.3	29.07	194.1	27.39	193.2	25.14	191.4	24.09	189.6	23.01	186.0	20.94
		53.3	202.2	29.55	200.7	27.90	199.8	25.68	198.0	24.60	196.2	23.52	192.6	21.39
		106.5	228.9	31.56	227.4	30.00	225.9	27.87	223.8	26.67	222.0	25.56	218.4	23.22
		133.1	252.6	33.57	250.8	32.07	249.6	30.03	247.2	28.80	245.4	27.54	240.9	25.02
		159.8	264.9	34.59	262.8	33.12	261.3	31.14	259.2	29.88	257.4	28.53	252.3	25.92
	32	42.6	349.2	39.75	341.4	38.58	334.5	36.81	328.5	35.25	322.8	33.75	311.4	30.66
		53.3	351.3	39.87	343.5	38.67	336.3	36.93	330.6	35.37	324.6	33.87	313.2	30.75
		106.5	359.4	40.23	351.6	39.06	344.1	37.35	338.1	35.79	332.4	34.23	320.4	31.11
		133.1	364.8	40.23	357.3	39.06	349.5	37.35	343.2	35.79	337.2	34.23	325.5	31.11
		159.8	367.5	40.23	360.0	39.06	352.2	37.35	345.6	35.79	339.9	34.23	327.9	31.11
	41	42.6	515.4	42.75	498.3	41.70	485.4	40.08	475.5	38.37	453.0	36.75	432.3	33.42
		53.3	517.2	42.93	499.2	41.88	485.4	40.29	475.5	38.58	453.0	36.93	432.3	33.57
		106.5	524.4	43.68	502.8	42.63	486.0	41.10	475.5	39.39	453.0	37.68	432.3	34.23
		133.1	527.7	43.98	504.0	42.93	486.0	41.37	475.5	39.66	453.0	37.92	432.3	34.47
		159.8	529.2	44.10	504.9	43.08	486.0	41.52	475.5	39.81	453.0	38.04	432.3	34.59
	50	42.6	518.1	38.22	499.8	37.38	486.0	36.21	475.5	34.98	453.0	33.27	432.3	30.42
		53.3	519.6	38.40	500.4	37.50	486.0	36.33	475.5	35.04	453.0	33.30	432.3	30.45
		106.5	524.4	39.09	503.1	37.98	486.0	36.75	475.5	35.22	453.0	33.42	432.3	30.60
		133.1	528.0	38.97	505.5	37.98	486.0	36.66	475.5	35.13	453.0	33.33	432.3	30.45
		159.8	529.8	38.88	506.7	37.98	486.0	36.60	475.5	35.10	453.0	33.30	432.3	30.39
	59	42.6	521.1	33.69	501.9	33.12	486.0	32.40	475.5	31.62	453.0	29.76	432.3	27.51
		53.3	521.7	33.87	502.2	33.15	486.0	32.40	475.5	31.50	453.0	29.67	432.3	27.39
		106.5	524.4	34.53	503.7	33.24	486.0	32.40	475.5	31.02	453.0	29.22	432.3	26.91
		133.1	528.9	33.96	506.4	32.97	486.0	31.98	475.5	30.60	453.0	28.77	432.3	26.49
		159.8	531.3	33.66	507.6	32.82	486.0	31.77	475.5	30.39	453.0	28.53	432.3	26.28
	68	42.6	523.8	28.83	504.6	28.08	486.0	27.39	475.5	27.03	453.0	25.23	432.3	24.00
		53.3	525.9	28.95	504.9	28.11	486.0	27.39	475.5	26.91	453.0	25.11	432.3	23.76
		106.5	533.4	29.46	506.4	28.20	486.0	27.39	475.5	26.49	453.0	24.66	432.3	22.80
		133.1	536.7	28.95	510.9	27.96	486.0	26.91	475.5	26.01	453.0	24.18	432.3	22.38
		159.8	538.2	28.68	513.0	27.84	486.0	26.67	475.5	25.77	453.0	23.94	432.3	22.17
	77	42.6	530.1	25.20	512.7	24.39	486.0	23.40	475.5	22.50	453.0	21.12	432.3	19.17
		53.3	532.2	25.23	512.7	24.27	486.0	23.28	475.5	22.38	453.0	21.00	432.3	19.17
		106.5	539.7	25.32	512.7	23.76	486.0	22.80	475.5	21.90	453.0	20.55	432.3	19.17
		133.1	542.4	24.75	512.7	23.55	486.0	22.38	475.5	21.45	453.0	20.55	432.3	18.69
		159.8	543.9	24.45	512.7	23.46	486.0	22.17	475.5	21.21	453.0	20.55	432.3	18.45
	86	42.6	542.4	22.92	512.7	21.12	486.0	19.68	475.5	19.29	453.0	17.79	432.3	17.04
		53.3	542.4	22.80	512.7	21.00	486.0	19.65	475.5	19.17	453.0	17.79	432.3	16.92
		106.5	542.4	22.38	512.7	20.55	486.0	19.47	475.5	18.69	453.0	17.79	432.3	16.44
		133.1	542.4	21.90	512.7	20.55	486.0	19.17	475.5	18.69	453.0	17.34	432.3	16.44
		159.8	542.4	21.66	512.7	20.55	486.0	19.02	475.5	18.69	453.0	17.10	432.3	16.44
	95	42.6	542.4	21.24	512.7	19.41	486.0	17.37	475.5	17.04	453.0	16.08	432.3	14.70
		53.3	542.4	21.00	512.7	19.17	486.0	17.34	475.5	16.92	453.0	15.96	432.3	14.58
		106.5	542.4	20.07	512.7	18.27	486.0	17.13	475.5	16.44	453.0	15.54	432.3	14.16
		133.1	542.4	20.07	512.7	18.27	486.0	16.92	475.5	16.44	453.0	15.54	432.3	14.16
		159.8	542.4	20.07	512.7	18.27	486.0	16.80	475.5	16.44	453.0	15.54	432.3	14.16
	104	42.6	542.4	19.89	512.7	18.03	486.0	15.57	475.5	15.18	453.0	14.28	432.3	13.32
		53.3	542.4	19.65	512.7	17.79	486.0	15.54	475.5	15.06	453.0	14.16	432.3	13.23
		106.5	542.4	18.69	512.7	16.92	486.0	15.36	475.5	14.58	453.0	13.71	432.3	12.81
		133.1	542.4	18.27	512.7	16.92	486.0	15.06	475.5	14.58	453.0	13.71	432.3	12.81
		159.8	542.4	18.06	512.7	16.92	486.0	14.91	475.5	14.58	453.0	13.71	432.3	12.81
	113	42.6	542.4	18.51	512.7	16.65	486.0	13.74	475.5	13.32	453.0	12.45	432.3	11.97
		53.3	542.4	18.27	512.7	16.44	486.0	13.71	475.5	13.23	453.0	12.33	432.3	11.85
		106.5	542.4	17.34	512.7	15.54	486.0	13.50	475.5	12.81	453.0	11.85	432.3	11.43
		133.1	542.4	16.44	512.7	15.54	486.0	13.23	475.5	12.81	453.0	11.85	432.3	11.43
		159.8	542.4	15.99	512.7	15.54	486.0	13.08	475.5	12.81	453.0	11.85	432.3	11.43

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN432BAS4, ARWB432BAS4
432,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
90	23	42.6	184.5	26.97	178.8	24.57	173.4	21.57	172.2	20.55	170.7	19.83	168.0	17.79
		53.3	190.8	27.45	184.8	25.02	179.4	22.05	178.2	21.00	176.7	20.25	173.7	18.18
		106.5	216.0	29.28	209.4	26.88	203.1	23.94	201.6	22.80	200.4	22.02	196.2	19.74
		133.1	238.8	31.11	231.0	28.77	224.1	25.83	222.3	24.60	221.1	23.70	216.9	21.30
		159.8	250.2	32.04	242.1	29.70	234.9	26.79	232.8	25.50	231.6	24.57	227.4	22.08
	32	42.6	330.0	36.75	314.7	34.47	300.3	31.65	295.8	30.18	290.7	29.04	279.9	26.10
		53.3	331.8	36.84	316.5	34.56	302.1	31.74	297.6	30.27	292.5	29.13	281.7	26.16
		106.5	339.6	37.20	323.7	34.95	309.3	32.07	304.2	30.60	299.4	29.46	288.3	26.46
		133.1	344.4	37.20	328.8	34.95	314.1	32.07	308.7	30.60	304.2	29.46	293.1	26.46
		159.8	347.1	37.20	331.2	34.95	316.8	32.07	311.1	30.60	306.9	29.46	295.2	26.46
	41	42.6	466.2	39.45	451.2	37.23	436.8	34.44	427.8	32.85	408.6	31.62	389.4	28.38
		53.3	466.5	39.63	450.6	37.41	436.8	34.62	427.8	33.00	408.6	31.77	389.4	28.53
		106.5	468.3	40.32	449.4	38.10	436.8	35.28	427.8	33.66	408.6	32.43	389.4	29.10
		133.1	471.0	40.56	450.6	38.34	436.8	35.55	427.8	33.90	408.6	32.67	389.4	29.34
		159.8	472.5	40.68	451.5	38.46	436.8	35.70	427.8	34.02	408.6	32.79	389.4	29.46
	50	42.6	468.6	34.83	452.7	33.12	436.8	31.17	427.8	29.91	408.6	28.68	389.4	25.86
		53.3	468.3	34.86	452.1	33.15	436.8	31.23	427.8	29.94	408.6	28.68	389.4	25.89
		106.5	467.4	34.95	449.7	33.30	436.8	31.35	427.8	30.09	408.6	28.56	389.4	25.98
		133.1	470.7	34.86	451.2	33.21	436.8	31.26	427.8	30.00	408.6	28.68	389.4	26.07
		159.8	472.2	34.80	451.8	33.15	436.8	31.20	427.8	29.94	408.6	28.71	389.4	26.13
	59	42.6	471.0	30.15	454.2	29.07	436.8	27.99	427.8	27.03	408.6	25.77	389.4	23.40
		53.3	470.1	30.03	453.3	28.95	436.8	27.87	427.8	26.91	408.6	25.56	389.4	23.28
		106.5	467.1	29.55	450.3	28.47	436.8	27.39	427.8	26.49	408.6	24.66	389.4	22.80
		133.1	470.1	29.13	451.5	28.05	436.8	26.91	427.8	26.01	408.6	24.66	389.4	22.80
		159.8	471.9	28.92	452.4	27.84	436.8	26.67	427.8	25.77	408.6	24.66	389.4	22.80
	68	42.6	473.7	25.44	456.3	24.72	436.8	23.88	427.8	22.92	408.6	22.14	389.4	20.76
		53.3	473.4	25.44	455.4	24.66	436.8	23.76	427.8	22.80	408.6	21.90	389.4	20.55
		106.5	471.6	25.44	451.5	24.36	436.8	23.28	427.8	22.38	408.6	21.00	389.4	19.65
		133.1	472.8	25.02	453.0	24.18	436.8	23.28	427.8	22.38	408.6	21.00	389.4	19.65
		159.8	473.7	24.81	453.6	24.09	436.8	23.28	427.8	22.38	408.6	21.00	389.4	19.65
	77	42.6	481.8	22.23	462.0	21.06	436.8	20.19	427.8	19.17	408.6	18.39	389.4	17.04
		53.3	482.7	22.20	462.0	21.00	436.8	20.07	427.8	19.17	408.6	18.27	389.4	16.92
		106.5	487.5	22.02	462.0	20.82	436.8	19.65	427.8	19.17	408.6	17.79	389.4	16.44
		133.1	489.3	21.45	462.0	20.34	436.8	19.65	427.8	18.69	408.6	17.79	389.4	16.44
		159.8	490.2	21.15	462.0	20.13	436.8	19.65	427.8	18.45	408.6	17.79	389.4	16.44
	86	42.6	489.3	20.19	462.0	18.81	436.8	17.43	427.8	17.04	408.6	16.08	389.4	14.58
		53.3	489.3	20.07	462.0	18.69	436.8	17.34	427.8	16.92	408.6	15.96	389.4	14.58
		106.5	489.3	19.65	462.0	18.27	436.8	16.92	427.8	16.44	408.6	15.54	389.4	14.58
		133.1	489.3	19.17	462.0	17.79	436.8	16.92	427.8	16.44	408.6	15.54	389.4	14.16
		159.8	489.3	18.93	462.0	17.58	436.8	16.92	427.8	16.44	408.6	15.54	389.4	13.95
	95	42.6	489.3	18.39	462.0	17.04	436.8	15.66	427.8	15.18	408.6	14.28	389.4	13.32
		53.3	489.3	18.27	462.0	16.92	436.8	15.54	427.8	15.06	408.6	14.16	389.4	13.23
		106.5	489.3	17.79	462.0	16.44	436.8	15.06	427.8	14.58	408.6	13.71	389.4	12.81
		133.1	489.3	17.34	462.0	15.96	436.8	14.58	427.8	14.16	408.6	13.71	389.4	12.81
		159.8	489.3	17.10	462.0	15.72	436.8	14.34	427.8	13.95	408.6	13.71	389.4	12.81
	104	42.6	489.3	17.13	462.0	15.66	436.8	13.80	427.8	13.32	408.6	12.93	389.4	11.97
		53.3	489.3	16.92	462.0	15.54	436.8	13.71	427.8	13.23	408.6	12.81	389.4	11.85
		106.5	489.3	15.96	462.0	15.06	436.8	13.23	427.8	12.81	408.6	12.33	389.4	11.43
		133.1	489.3	15.96	462.0	15.06	436.8	13.23	427.8	12.81	408.6	12.33	389.4	11.43
		159.8	489.3	15.96	462.0	15.06	436.8	13.23	427.8	12.81	408.6	12.33	389.4	11.43
	113	42.6	489.3	15.87	462.0	14.28	436.8	11.97	427.8	11.55	408.6	11.55	389.4	10.59
		53.3	489.3	15.54	462.0	14.16	436.8	11.85	427.8	11.43	408.6	11.43	389.4	10.47
		106.5	489.3	14.16	462.0	13.71	436.8	11.43	427.8	10.95	408.6	10.95	389.4	10.05
		133.1	489.3	14.58	462.0	14.16	436.8	11.85	427.8	11.43	408.6	10.95	389.4	10.05
		159.8	489.3	14.82	462.0	14.40	436.8	12.06	427.8	11.67	408.6	10.95	389.4	10.05

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN432BAS4, ARWB432BAS4

432,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
80	23	42.6	174.3	19.23	163.5	18.48	154.8	17.70	153.0	17.10	152.1	16.32	149.1	15.03
		53.3	180.3	19.65	169.2	18.90	159.9	18.09	158.1	17.46	157.2	16.68	154.2	15.36
		106.5	204.0	21.36	191.1	20.49	180.9	19.59	179.1	18.93	178.2	18.09	174.6	16.62
		133.1	225.6	23.01	211.2	22.11	199.8	21.15	197.7	20.46	196.8	19.50	192.6	17.94
		159.8	236.4	23.82	221.1	22.92	209.4	21.93	207.0	21.21	206.1	20.22	201.6	18.60
	32	42.6	311.4	28.20	287.1	27.06	267.3	25.95	262.5	25.05	258.9	23.88	249.0	21.99
		53.3	313.2	28.29	288.9	27.15	269.1	26.01	264.0	25.11	260.4	23.94	250.5	22.05
		106.5	321.0	28.62	295.8	27.48	275.4	26.31	270.3	25.41	266.7	24.24	256.2	22.29
		133.1	325.5	28.62	300.3	27.48	279.9	26.31	274.5	25.41	270.9	24.24	260.4	22.29
		159.8	327.9	28.62	302.4	27.48	282.0	26.31	276.6	25.41	273.0	24.24	262.5	22.29
	41	42.6	430.8	30.66	406.5	29.52	388.8	28.17	380.1	27.24	363.9	25.98	345.9	23.91
		53.3	431.7	30.84	407.4	29.67	388.8	28.32	380.1	27.39	363.9	26.10	345.9	24.03
		106.5	435.3	31.50	410.4	30.21	389.4	28.95	380.1	27.96	363.9	26.64	345.9	24.57
		133.1	435.3	31.68	410.1	30.45	389.4	29.13	380.1	28.14	363.9	26.82	345.9	24.69
		159.8	435.3	31.77	409.8	30.57	389.4	29.22	380.1	28.23	363.9	26.91	345.9	24.78
	50	42.6	433.2	28.23	408.3	26.94	388.8	25.59	380.1	24.87	363.9	23.55	345.9	21.81
		53.3	433.5	28.20	408.6	26.91	388.8	25.59	380.1	24.90	363.9	23.55	345.9	21.81
		106.5	435.3	28.05	410.4	26.79	389.4	25.65	380.1	24.93	363.9	23.61	345.9	21.87
		133.1	435.3	27.96	410.1	26.88	389.4	25.74	380.1	24.78	363.9	23.46	345.9	21.72
		159.8	435.3	27.90	409.8	26.91	389.4	25.77	380.1	24.72	363.9	23.40	345.9	21.66
	59	42.6	435.3	25.77	410.1	24.42	389.4	22.92	380.1	22.50	363.9	21.12	345.9	19.77
		53.3	435.3	25.56	410.1	24.18	389.4	22.80	380.1	22.38	363.9	21.00	345.9	19.65
		106.5	435.3	24.66	410.1	23.28	389.4	22.38	380.1	21.90	363.9	20.55	345.9	19.17
		133.1	435.3	24.18	410.1	23.28	389.4	22.38	380.1	21.45	363.9	20.07	345.9	18.69
		159.8	435.3	23.94	410.1	23.28	389.4	22.38	380.1	21.21	363.9	19.83	345.9	18.45
	68	42.6	435.3	21.54	410.1	20.67	389.4	19.65	380.1	19.29	363.9	18.39	345.9	17.04
		53.3	435.3	21.45	410.1	20.55	389.4	19.65	380.1	19.17	363.9	18.27	345.9	16.92
		106.5	435.3	21.00	410.1	20.07	389.4	19.65	380.1	18.69	363.9	17.79	345.9	16.44
		133.1	435.3	20.55	410.1	19.65	389.4	19.17	380.1	18.69	363.9	17.34	345.9	16.44
		159.8	435.3	20.31	410.1	19.44	389.4	18.93	380.1	18.69	363.9	17.10	345.9	16.44
	77	42.6	435.3	19.29	410.1	17.91	389.4	16.92	380.1	16.56	363.9	15.66	345.9	14.70
		53.3	435.3	19.17	410.1	17.79	389.4	16.92	380.1	16.44	363.9	15.54	345.9	14.58
		106.5	435.3	18.69	410.1	17.34	389.4	16.92	380.1	15.96	363.9	15.06	345.9	14.16
		133.1	435.3	18.27	410.1	17.34	389.4	16.44	380.1	15.96	363.9	15.06	345.9	14.16
		159.8	435.3	18.06	410.1	17.34	389.4	16.20	380.1	15.96	363.9	15.06	345.9	14.16
	86	42.6	435.3	17.04	410.1	16.08	389.4	15.18	380.1	14.70	363.9	13.80	345.9	12.93
		53.3	435.3	16.92	410.1	15.96	389.4	15.06	380.1	14.58	363.9	13.71	345.9	12.81
		106.5	435.3	16.44	410.1	15.54	389.4	14.58	380.1	14.16	363.9	13.23	345.9	12.33
		133.1	435.3	16.44	410.1	15.54	389.4	14.58	380.1	14.16	363.9	13.23	345.9	12.33
		159.8	435.3	16.44	410.1	15.54	389.4	14.58	380.1	14.16	363.9	13.23	345.9	12.33
	95	42.6	435.3	15.66	410.1	14.70	389.4	13.32	380.1	12.81	363.9	12.45	345.9	11.43
		53.3	435.3	15.54	410.1	14.58	389.4	13.23	380.1	12.81	363.9	12.33	345.9	11.43
		106.5	435.3	15.06	410.1	14.16	389.4	12.81	380.1	12.81	363.9	11.85	345.9	11.43
		133.1	435.3	15.06	410.1	13.71	389.4	12.81	380.1	12.33	363.9	11.85	345.9	10.95
		159.8	435.3	15.06	410.1	13.47	389.4	12.81	380.1	12.09	363.9	11.85	345.9	10.71
	104	42.6	435.3	14.82	410.1	13.32	389.4	11.85	380.1	11.97	363.9	10.95	345.9	10.59
		53.3	435.3	14.58	410.1	13.23	389.4	11.85	380.1	11.85	363.9	10.95	345.9	10.47
		106.5	435.3	13.71	410.1	12.81	389.4	11.85	380.1	11.43	363.9	10.95	345.9	10.05
		133.1	435.3	13.71	410.1	12.81	389.4	11.43	380.1	11.43	363.9	10.95	345.9	10.05
		159.8	435.3	13.71	410.1	12.81	389.4	11.22	380.1	11.43	363.9	10.95	345.9	10.05
	113	42.6	435.3	14.04	410.1	11.97	389.4	10.35	380.1	11.19	363.9	9.48	345.9	9.81
		53.3	435.3	13.71	410.1	11.85	389.4	10.47	380.1	10.95	363.9	9.60	345.9	9.60
		106.5	435.3	12.33	410.1	11.43	389.4	10.95	380.1	10.05	363.9	10.05	345.9	8.70
		133.1	435.3	12.33	410.1	11.85	389.4	10.05	380.1	10.47	363.9	10.05	345.9	9.12
		159.8	435.3	12.33	410.1	12.06	389.4	9.60	380.1	10.71	363.9	10.05	345.9	9.33

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN432BAS4, ARWB432BAS4

432,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
70	23	42.6	152.1	16.50	142.8	15.72	135.0	15.21	133.8	14.34	132.9	13.83	130.8	12.57
		53.3	157.2	16.86	147.9	16.05	139.8	15.54	138.3	14.64	137.4	14.13	135.3	12.84
		106.5	178.2	18.27	167.4	17.43	157.8	16.86	156.3	15.87	155.4	15.30	152.7	13.92
		133.1	197.1	19.74	184.8	18.81	174.6	18.18	173.1	17.10	171.9	16.53	168.6	15.03
		159.8	206.7	20.49	193.8	19.50	183.0	18.84	181.5	17.70	180.0	17.16	176.7	15.57
	32	42.6	272.4	24.15	251.7	23.04	233.7	22.26	229.5	20.97	225.9	20.25	218.1	18.42
		53.3	273.9	24.24	253.2	23.10	235.2	22.35	231.0	21.00	227.4	20.31	219.3	18.45
		106.5	280.2	24.51	258.9	23.34	240.6	22.62	236.4	21.24	232.8	20.55	224.1	18.66
		133.1	284.4	24.51	263.1	23.34	244.2	22.62	240.0	21.24	236.4	20.55	228.0	18.66
		159.8	286.5	24.51	265.2	23.34	246.0	22.62	241.8	21.24	238.2	20.55	229.8	18.66
	41	42.6	376.2	26.31	356.4	25.05	339.3	24.24	332.4	22.83	317.4	22.02	302.4	20.01
		53.3	377.1	26.46	357.3	25.17	339.6	24.36	332.4	22.95	317.4	22.14	302.4	20.13
		106.5	380.1	26.97	360.0	25.68	339.9	24.90	332.4	23.37	317.4	22.62	302.4	20.55
		133.1	380.1	27.15	359.4	25.89	339.9	25.08	332.4	23.55	317.4	22.77	302.4	20.67
		159.8	380.1	27.24	359.1	25.98	339.9	25.17	332.4	23.67	317.4	22.83	302.4	20.76
	50	42.6	378.0	24.24	357.6	22.89	339.9	22.05	332.4	20.82	317.4	19.98	302.4	18.27
		53.3	378.3	24.18	358.2	22.86	339.9	22.02	332.4	20.82	317.4	19.98	302.4	18.27
		106.5	380.1	24.00	359.4	22.68	339.9	21.81	332.4	20.82	317.4	19.98	302.4	18.27
		133.1	380.1	24.09	359.4	22.77	339.9	21.90	332.4	20.91	317.4	19.83	302.4	18.33
		159.8	380.1	24.12	359.4	22.80	339.9	21.96	332.4	20.97	317.4	19.77	302.4	18.36
	59	42.6	380.1	22.14	359.4	20.76	339.9	19.89	332.4	18.81	317.4	17.91	302.4	16.56
		53.3	380.1	21.90	359.4	20.55	339.9	19.65	332.4	18.69	317.4	17.79	302.4	16.44
		106.5	380.1	21.00	359.4	19.65	339.9	18.69	332.4	18.27	317.4	17.34	302.4	15.96
		133.1	380.1	21.00	359.4	19.65	339.9	18.69	332.4	18.27	317.4	16.92	302.4	15.96
		159.8	380.1	21.00	359.4	19.65	339.9	18.69	332.4	18.27	317.4	16.68	302.4	15.96
	68	42.6	380.1	18.39	359.4	17.43	339.9	17.04	332.4	16.56	317.4	15.66	302.4	14.70
		53.3	380.1	18.27	359.4	17.34	339.9	16.92	332.4	16.44	317.4	15.54	302.4	14.58
		106.5	380.1	17.79	359.4	16.92	339.9	16.44	332.4	15.96	317.4	15.06	302.4	14.16
		133.1	380.1	17.79	359.4	16.92	339.9	16.44	332.4	15.54	317.4	15.06	302.4	13.71
		159.8	380.1	17.79	359.4	16.92	339.9	16.44	332.4	15.33	317.4	15.06	302.4	13.47
	77	42.6	380.1	16.56	359.4	15.66	339.9	14.70	332.4	14.28	317.4	13.23	302.4	12.33
		53.3	380.1	16.44	359.4	15.54	339.9	14.58	332.4	14.16	317.4	13.23	302.4	12.33
		106.5	380.1	15.96	359.4	15.06	339.9	14.16	332.4	13.71	317.4	13.23	302.4	12.33
		133.1	380.1	15.54	359.4	14.58	339.9	14.16	332.4	13.71	317.4	12.81	302.4	12.33
		159.8	380.1	15.33	359.4	14.34	339.9	14.16	332.4	13.71	317.4	12.57	302.4	12.33
	86	42.6	380.1	14.70	359.4	13.80	339.9	12.93	332.4	12.33	317.4	11.97	302.4	10.95
		53.3	380.1	14.58	359.4	13.71	339.9	12.81	332.4	12.33	317.4	11.85	302.4	10.95
		106.5	380.1	14.16	359.4	13.23	339.9	12.33	332.4	12.33	317.4	11.43	302.4	10.95
		133.1	380.1	14.16	359.4	13.23	339.9	12.33	332.4	11.85	317.4	11.43	302.4	10.95
		159.8	380.1	14.16	359.4	13.23	339.9	12.33	332.4	11.61	317.4	11.43	302.4	10.95
	95	42.6	380.1	13.32	359.4	12.45	339.9	11.43	332.4	11.55	317.4	10.47	302.4	10.17
		53.3	380.1	13.23	359.4	12.33	339.9	11.43	332.4	11.43	317.4	10.47	302.4	10.05
		106.5	380.1	12.81	359.4	11.85	339.9	11.43	332.4	10.95	317.4	10.47	302.4	9.60
		133.1	380.1	12.81	359.4	11.85	339.9	10.95	332.4	10.95	317.4	10.47	302.4	9.60
		159.8	380.1	12.81	359.4	11.85	339.9	10.71	332.4	10.95	317.4	10.47	302.4	9.60
	104	42.6	380.1	12.45	359.4	11.55	339.9	10.59	332.4	10.05	317.4	9.60	302.4	9.21
		53.3	380.1	12.33	359.4	11.43	339.9	10.47	332.4	10.05	317.4	9.60	302.4	9.12
		106.5	380.1	11.85	359.4	10.95	339.9	10.05	332.4	10.05	317.4	9.60	302.4	8.70
		133.1	380.1	11.85	359.4	10.95	339.9	10.05	332.4	9.60	317.4	9.12	302.4	8.70
		159.8	380.1	11.85	359.4	10.95	339.9	10.05	332.4	9.36	317.4	8.88	302.4	8.70
	113	42.6	380.1	11.55	359.4	10.59	339.9	9.81	332.4	8.58	317.4	8.70	302.4	8.34
		53.3	380.1	11.43	359.4	10.47	339.9	9.60	332.4	8.70	317.4	8.70	302.4	8.22
		106.5	380.1	10.95	359.4	10.05	339.9	8.70	332.4	9.12	317.4	8.70	302.4	7.74
		133.1	380.1	10.95	359.4	10.05	339.9	9.12	332.4	8.22	317.4	7.74	302.4	7.74
		159.8	380.1	10.95	359.4	10.05	339.9	9.33	332.4	7.77	317.4	7.26	302.4	7.74

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

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HEATING CAPACITY DATA

ARWN432BAS4, ARWB432BAS4

432,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
60	23	42.6	130.5	13.41	122.4	12.90	115.8	12.39	114.6	11.52	114.0	11.31	111.9	10.11
		53.3	135.3	13.71	126.6	13.17	119.7	12.66	118.5	11.76	117.9	11.58	115.8	10.35
		106.5	153.3	14.88	143.4	14.31	135.6	13.74	134.4	12.75	133.8	12.57	131.1	11.25
		133.1	169.2	16.02	158.1	15.45	150.0	14.82	148.2	13.80	147.9	13.56	144.6	12.09
		159.8	177.0	16.59	165.9	16.02	157.5	15.39	155.4	14.31	154.8	14.04	151.5	12.51
	32	42.6	233.7	19.62	215.4	18.93	200.7	18.12	196.8	16.86	194.1	16.62	186.9	14.85
		53.3	235.2	19.68	216.6	18.99	202.2	18.18	198.0	16.92	195.3	16.68	188.1	14.88
		106.5	240.6	19.92	221.4	19.17	207.0	18.42	202.5	17.10	199.8	16.86	192.0	15.03
		133.1	244.2	19.92	225.0	19.17	210.3	18.42	205.8	17.10	203.1	16.86	195.3	15.03
		159.8	246.0	19.92	227.1	19.17	211.8	18.42	207.3	17.10	204.6	16.86	196.8	15.03
	41	42.6	323.1	21.39	304.5	20.58	292.2	19.74	284.7	18.36	272.7	18.09	259.5	16.11
		53.3	323.7	21.48	305.1	20.67	292.2	19.83	284.7	18.45	272.7	18.18	259.5	16.20
		106.5	326.4	21.90	307.5	21.12	292.2	20.25	284.7	18.84	272.7	18.57	259.5	16.53
		133.1	326.4	22.11	306.9	21.24	292.2	20.40	284.7	18.99	272.7	18.66	259.5	16.68
		159.8	326.4	22.20	306.6	21.33	292.2	20.46	284.7	19.05	272.7	18.69	259.5	16.74
	50	42.6	324.6	19.65	305.7	18.81	292.2	17.91	284.7	16.71	272.7	16.41	259.5	14.70
		53.3	325.2	19.65	306.0	18.81	292.2	17.91	284.7	16.77	272.7	16.38	259.5	14.73
		106.5	326.4	19.65	307.5	18.81	292.2	17.91	284.7	16.95	272.7	16.35	259.5	14.88
		133.1	326.4	19.68	306.9	18.60	292.2	17.70	284.7	16.77	272.7	16.20	259.5	14.73
		159.8	326.4	19.71	306.6	18.51	292.2	17.61	284.7	16.68	272.7	16.14	259.5	14.67
	59	42.6	326.4	17.91	306.9	17.04	292.2	16.08	284.7	15.06	272.7	14.70	259.5	13.23
		53.3	326.4	17.79	306.9	16.92	292.2	15.96	284.7	15.06	272.7	14.58	259.5	13.23
		106.5	326.4	17.34	306.9	16.44	292.2	15.54	284.7	15.06	272.7	14.16	259.5	13.23
		133.1	326.4	17.34	306.9	15.96	292.2	15.06	284.7	14.58	272.7	13.71	259.5	12.81
		159.8	326.4	17.34	306.9	15.72	292.2	14.82	284.7	14.34	272.7	13.47	259.5	12.57
	68	42.6	326.4	15.66	306.9	14.70	292.2	13.80	284.7	13.32	272.7	12.93	259.5	11.97
		53.3	326.4	15.54	306.9	14.58	292.2	13.71	284.7	13.23	272.7	12.81	259.5	11.85
		106.5	326.4	15.06	306.9	14.16	292.2	13.23	284.7	12.81	272.7	12.33	259.5	11.43
		133.1	326.4	15.06	306.9	14.16	292.2	13.23	284.7	12.81	272.7	12.33	259.5	11.43
		159.8	326.4	15.06	306.9	14.16	292.2	13.23	284.7	12.81	272.7	12.33	259.5	11.43
	77	42.6	326.4	13.80	306.9	12.93	292.2	11.85	284.7	11.97	272.7	10.95	259.5	10.59
		53.3	326.4	13.71	306.9	12.81	292.2	11.85	284.7	11.85	272.7	10.95	259.5	10.47
		106.5	326.4	13.23	306.9	12.33	292.2	11.85	284.7	11.43	272.7	10.95	259.5	10.05
		133.1	326.4	13.23	306.9	12.33	292.2	11.43	284.7	11.43	272.7	10.95	259.5	10.05
		159.8	326.4	13.23	306.9	12.33	292.2	11.22	284.7	11.43	272.7	10.95	259.5	10.05
	86	42.6	326.4	12.45	306.9	11.55	292.2	11.07	284.7	10.59	272.7	10.17	259.5	9.72
		53.3	326.4	12.33	306.9	11.43	292.2	10.95	284.7	10.47	272.7	10.05	259.5	9.60
		106.5	326.4	11.85	306.9	10.95	292.2	10.47	284.7	10.05	272.7	9.60	259.5	9.12
		133.1	326.4	11.85	306.9	10.95	292.2	10.47	284.7	10.05	272.7	9.60	259.5	9.12
		159.8	326.4	11.85	306.9	10.95	292.2	10.47	284.7	10.05	272.7	9.60	259.5	9.12
	95	42.6	326.4	10.95	306.9	10.59	292.2	9.60	284.7	9.72	272.7	9.21	259.5	8.82
		53.3	326.4	10.95	306.9	10.47	292.2	9.60	284.7	9.60	272.7	9.12	259.5	8.70
		106.5	326.4	10.95	306.9	10.05	292.2	9.60	284.7	9.12	272.7	8.70	259.5	8.22
		133.1	326.4	10.95	306.9	10.05	292.2	9.12	284.7	9.12	272.7	8.70	259.5	8.22
		159.8	326.4	10.95	306.9	10.05	292.2	8.88	284.7	9.12	272.7	8.70	259.5	8.22
	104	42.6	326.4	10.05	306.9	9.72	292.2	8.70	284.7	8.82	272.7	8.34	259.5	7.74
		53.3	326.4	10.05	306.9	9.60	292.2	8.70	284.7	8.70	272.7	8.22	259.5	7.74
		106.5	326.4	10.05	306.9	9.12	292.2	8.70	284.7	8.22	272.7	7.74	259.5	7.74
		133.1	326.4	10.05	306.9	9.12	292.2	8.70	284.7	8.22	272.7	7.74	259.5	7.74
		159.8	326.4	10.05	306.9	9.12	292.2	8.70	284.7	8.22	272.7	7.74	259.5	7.74
	113	42.6	326.4	9.12	306.9	8.82	292.2	7.74	284.7	7.86	272.7	7.44	259.5	6.72
		53.3	326.4	9.12	306.9	8.70	292.2	7.74	284.7	7.74	272.7	7.32	259.5	6.84
		106.5	326.4	9.12	306.9	8.22	292.2	7.74	284.7	7.32	272.7	6.84	259.5	7.32
		133.1	326.4	9.12	306.9	8.22	292.2	8.22	284.7	7.32	272.7	6.84	259.5	7.32
		159.8	326.4	9.12	306.9	8.22	292.2	8.46	284.7	7.32	272.7	6.84	259.5	7.32

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN432BAS4, ARWB432BAS4
432,000 Btu/h, 208/230V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
50	23	42.6	108.9	10.68	102.3	10.11	96.6	9.57	95.1	9.06	94.8	8.49	93.0	8.04
		53.3	112.5	10.92	105.9	10.35	99.9	9.78	98.7	9.27	98.1	8.70	96.3	8.22
		106.5	126.9	11.82	119.4	11.25	113.1	10.59	111.6	10.05	111.3	9.45	108.9	8.88
		133.1	140.7	12.75	132.0	12.09	124.8	11.43	123.3	10.86	122.4	10.14	120.6	9.60
		159.8	147.3	13.23	138.3	12.51	130.8	11.85	129.3	11.28	128.1	10.50	126.6	9.93
	32	42.6	194.1	15.63	179.7	14.85	167.1	13.98	163.5	13.26	161.4	12.48	155.4	11.76
		53.3	195.3	15.69	180.9	14.88	168.3	14.04	164.7	13.32	162.3	12.51	156.3	11.82
		106.5	199.8	15.81	184.8	15.03	172.2	14.22	168.6	13.50	166.5	12.66	159.9	11.94
		133.1	203.1	15.81	187.5	15.03	174.6	14.22	171.3	13.50	168.6	12.66	162.9	11.94
		159.8	204.6	15.81	189.0	15.03	175.5	14.22	172.8	13.50	169.8	12.66	164.1	11.94
	41	42.6	268.5	17.01	254.4	16.11	242.7	15.21	237.0	14.46	226.5	13.59	216.0	12.78
		53.3	269.1	17.10	255.0	16.20	242.7	15.30	237.0	14.55	226.5	13.65	216.0	12.84
		106.5	271.2	17.43	256.8	16.53	243.3	15.63	237.0	14.82	226.5	13.89	216.0	13.14
		133.1	271.2	17.58	256.2	16.68	243.3	15.72	237.0	14.91	226.5	14.04	216.0	13.23
		159.8	271.2	17.64	256.2	16.74	243.3	15.78	237.0	14.97	226.5	14.10	216.0	13.26
	50	42.6	270.0	15.66	255.0	14.76	242.7	13.86	237.0	13.26	226.5	12.24	216.0	11.70
		53.3	270.3	15.63	255.3	14.73	242.7	13.83	237.0	13.23	226.5	12.27	216.0	11.67
		106.5	271.2	15.54	256.8	14.70	243.3	13.74	237.0	13.14	226.5	12.42	216.0	11.58
		133.1	271.2	15.63	256.2	14.73	243.3	13.80	237.0	13.17	226.5	12.24	216.0	11.61
		159.8	271.2	15.69	256.2	14.76	243.3	13.80	237.0	13.20	226.5	12.15	216.0	11.64
	59	42.6	271.2	14.28	256.2	13.32	243.3	12.45	237.0	11.97	226.5	10.95	216.0	10.59
		53.3	271.2	14.16	256.2	13.23	243.3	12.33	237.0	11.85	226.5	10.95	216.0	10.47
		106.5	271.2	13.71	256.2	12.81	243.3	11.85	237.0	11.43	226.5	10.95	216.0	10.05
		133.1	271.2	13.71	256.2	12.81	243.3	11.85	237.0	11.43	226.5	10.47	216.0	10.05
		159.8	271.2	13.71	256.2	12.81	243.3	11.85	237.0	11.43	226.5	10.26	216.0	10.05
	68	42.6	271.2	12.45	256.2	11.55	243.3	11.07	237.0	10.59	226.5	10.17	216.0	9.12
		53.3	271.2	12.33	256.2	11.43	243.3	10.95	237.0	10.47	226.5	10.05	216.0	9.12
		106.5	271.2	11.85	256.2	10.95	243.3	10.47	237.0	10.05	226.5	9.60	216.0	9.12
		133.1	271.2	11.85	256.2	10.95	243.3	10.47	237.0	10.05	226.5	9.60	216.0	9.12
		159.8	271.2	11.85	256.2	10.95	243.3	10.47	237.0	10.05	226.5	9.60	216.0	9.12
	77	42.6	271.2	11.07	256.2	10.05	243.3	9.72	237.0	9.12	226.5	8.70	216.0	8.22
		53.3	271.2	10.95	256.2	10.05	243.3	9.60	237.0	9.12	226.5	8.70	216.0	8.22
		106.5	271.2	10.47	256.2	10.05	243.3	9.12	237.0	9.12	226.5	8.70	216.0	8.22
		133.1	271.2	10.47	256.2	10.05	243.3	9.12	237.0	9.12	226.5	8.70	216.0	8.22
		159.8	271.2	10.47	256.2	10.05	243.3	9.12	237.0	9.12	226.5	8.70	216.0	8.22
	86	42.6	271.2	10.17	256.2	9.21	243.3	8.82	237.0	8.22	226.5	8.34	216.0	7.86
		53.3	271.2	10.05	256.2	9.12	243.3	8.70	237.0	8.22	226.5	8.22	216.0	7.74
		106.5	271.2	9.60	256.2	8.70	243.3	8.22	237.0	8.22	226.5	7.74	216.0	7.32
		133.1	271.2	9.60	256.2	8.70	243.3	8.22	237.0	8.22	226.5	7.74	216.0	7.32
		159.8	271.2	9.60	256.2	8.70	243.3	8.22	237.0	8.22	226.5	7.74	216.0	7.32
	95	42.6	271.2	9.21	256.2	8.22	243.3	7.74	237.0	7.86	226.5	7.32	216.0	6.84
		53.3	271.2	9.12	256.2	8.22	243.3	7.74	237.0	7.74	226.5	7.32	216.0	6.84
		106.5	271.2	8.70	256.2	8.22	243.3	7.74	237.0	7.32	226.5	7.32	216.0	6.84
		133.1	271.2	8.70	256.2	8.22	243.3	7.74	237.0	7.32	226.5	7.32	216.0	6.84
		159.8	271.2	8.70	256.2	8.22	243.3	7.74	237.0	7.32	226.5	7.32	216.0	6.84
	104	42.6	271.2	8.34	256.2	7.86	243.3	7.44	237.0	6.84	226.5	6.96	216.0	6.39
		53.3	271.2	8.22	256.2	7.74	243.3	7.32	237.0	6.84	226.5	6.84	216.0	6.39
		106.5	271.2	7.74	256.2	7.32	243.3	6.84	237.0	6.84	226.5	6.39	216.0	6.39
		133.1	271.2	7.74	256.2	7.32	243.3	6.84	237.0	6.84	226.5	6.39	216.0	6.39
		159.8	271.2	7.74	256.2	7.32	243.3	6.84	237.0	6.84	226.5	6.39	216.0	6.39
	113	42.6	271.2	7.44	256.2	7.56	243.3	7.08	237.0	5.85	226.5	6.60	216.0	5.94
		53.3	271.2	7.32	256.2	7.32	243.3	6.84	237.0	5.94	226.5	6.39	216.0	5.94
		106.5	271.2	6.84	256.2	6.39	243.3	5.94	237.0	6.39	226.5	5.49	216.0	5.94
		133.1	271.2	6.84	256.2	6.39	243.3	5.94	237.0	6.39	226.5	5.49	216.0	5.94
		159.8	271.2	6.84	256.2	6.39	243.3	5.94	237.0	6.39	226.5	5.49	216.0	5.94=

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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460V HEAT PUMP AND HEAT RECOVERY PERFORMANCE DATA

460V Heat Pump and Heat Recovery Cooling Capacity Data 154

460V Heat Pump and Heat Recovery Heating Capacity Data 237

COOLING CAPACITY DATA

ARWN072DAS4, ARWB072DAS4

72,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
130	23	5.3	66.8	1.33	72.4	1.56	79.1	1.82	85.8	2.05	88.3	2.11	91.8	2.15	94.3	2.17
	32	6.0	66.8	1.33	72.4	1.56	79.1	1.82	85.8	2.05	88.3	2.11	91.8	2.15	94.3	2.17
	41	6.9	66.8	1.33	72.4	1.56	79.1	1.82	85.8	2.05	88.3	2.11	91.8	2.15	94.3	2.17
	50	8.1	66.8	1.33	72.4	1.56	79.1	1.82	85.8	2.05	88.3	2.11	91.8	2.15	94.3	2.17
		10.2	66.8	1.31	72.4	1.54	79.1	1.79	85.8	2.02	88.3	2.07	91.8	2.12	94.3	2.14
		20.3	66.8	1.22	72.4	1.44	79.1	1.68	85.8	1.89	88.3	1.92	91.8	1.98	94.3	2.03
		25.4	66.8	1.18	72.4	1.41	79.1	1.64	85.8	1.84	88.3	1.90	91.8	1.94	94.3	1.98
		30.5	66.8	1.16	72.4	1.39	79.1	1.63	85.8	1.82	88.3	1.88	91.8	1.92	94.3	1.95
	59	8.1	65.8	1.76	71.3	2.05	77.7	2.39	84.4	2.69	86.9	2.76	90.3	2.82	92.8	2.86
		10.2	65.8	1.73	71.3	2.02	77.7	2.35	84.4	2.65	86.9	2.71	90.3	2.78	92.8	2.82
		20.3	65.8	1.59	71.3	1.89	77.7	2.20	84.4	2.48	86.9	2.53	90.3	2.61	92.8	2.66
		25.4	65.8	1.55	71.3	1.85	77.7	2.15	84.4	2.42	86.9	2.49	90.3	2.55	92.8	2.60
		30.5	65.8	1.52	71.3	1.82	77.7	2.13	84.4	2.40	86.9	2.46	90.3	2.52	92.8	2.56
	67	8.1	64.9	2.14	70.3	2.48	76.5	2.90	83.2	3.26	85.7	3.34	89.0	3.42	91.5	3.48
		10.2	64.9	2.10	70.3	2.44	76.5	2.85	83.2	3.21	85.7	3.28	89.0	3.36	91.5	3.43
		20.3	64.9	1.93	70.3	2.29	76.5	2.66	83.2	3.00	85.7	3.08	89.0	3.16	91.5	3.22
		25.4	64.9	1.87	70.3	2.23	76.5	2.61	83.2	2.94	85.7	3.01	89.0	3.09	91.5	3.15
		30.5	64.9	1.85	70.3	2.21	76.5	2.58	83.2	2.91	85.7	2.98	89.0	3.06	91.5	3.11
	75	8.1	64.9	2.64	70.3	3.06	76.5	3.57	83.2	4.02	85.7	4.12	89.0	4.22	91.5	4.29
		10.2	64.9	2.59	70.3	3.01	76.5	3.51	83.2	3.95	85.7	4.05	89.0	4.15	91.5	4.22
		20.3	64.9	2.38	70.3	2.82	76.5	3.28	83.2	3.70	85.7	3.79	89.0	3.89	91.5	3.97
		25.4	64.9	2.32	70.3	2.76	76.5	3.22	83.2	3.63	85.7	3.72	89.0	3.82	91.5	3.88
		30.5	64.9	2.28	70.3	2.73	76.5	3.19	83.2	3.59	85.7	3.68	89.0	3.78	91.5	3.84
	86	8.1	64.9	3.17	70.3	3.68	76.5	4.28	83.2	4.83	85.7	4.94	89.0	5.06	91.5	5.14
		10.2	64.9	3.10	70.3	3.62	76.5	4.22	83.2	4.75	85.7	4.86	89.0	4.98	91.5	5.07
		20.3	64.9	2.85	70.3	3.38	76.5	3.94	83.2	4.44	85.7	4.55	89.0	4.67	91.5	4.77
		25.4	64.9	2.78	70.3	3.31	76.5	3.86	83.2	4.35	85.7	4.47	89.0	4.58	91.5	4.66
		30.5	64.9	2.74	70.3	3.27	76.5	3.82	83.2	4.31	85.7	4.43	89.0	4.53	91.5	4.60
	95	8.1	58.4	3.20	63.2	3.73	68.9	4.33	74.9	4.88	77.1	4.99	80.1	5.12	82.3	5.21
		10.2	58.4	3.14	63.2	3.66	68.9	4.26	74.9	4.80	77.1	4.91	80.1	5.04	82.3	5.13
		20.3	58.4	2.89	63.2	3.42	68.9	3.99	74.9	4.49	77.1	4.60	80.1	4.72	82.3	4.81
		25.4	58.4	2.80	63.2	3.35	68.9	3.91	74.9	4.40	77.1	4.51	80.1	4.63	82.3	4.71
		30.5	58.4	2.76	63.2	3.31	68.9	3.87	74.9	4.35	77.1	4.47	80.1	4.59	82.3	4.66
	104	8.1	51.9	3.38	56.2	3.93	61.2	4.57	66.5	5.15	68.5	5.27	71.2	5.39	73.2	5.49
		10.2	51.9	3.31	56.2	3.86	61.2	4.50	66.5	5.07	68.5	5.18	71.2	5.31	73.2	5.41
		20.3	51.9	3.04	56.2	3.61	61.2	4.21	66.5	4.73	68.5	4.85	71.2	4.98	73.2	5.08
		25.4	51.9	2.96	56.2	3.53	61.2	4.12	66.5	4.64	68.5	4.76	71.2	4.88	73.2	4.97
		30.5	51.9	2.92	56.2	3.49	61.2	4.07	66.5	4.60	68.5	4.71	71.2	4.84	73.2	4.91
	113	8.1	45.4	3.56	49.2	4.13	53.5	4.81	58.1	5.42	59.9	5.55	62.3	5.67	64.1	5.77
		10.2	45.4	3.48	49.2	4.06	53.5	4.73	58.1	5.33	59.9	5.45	62.3	5.58	64.1	5.69
		20.3	45.4	3.19	49.2	3.80	53.5	4.42	58.1	4.98	59.9	5.09	62.3	5.25	64.1	5.35
		25.4	45.4	3.11	49.2	3.71	53.5	4.32	58.1	4.88	59.9	5.00	62.3	5.14	64.1	5.22
		30.5	45.4	3.07	49.2	3.66	53.5	4.27	58.1	4.84	59.9	4.96	62.3	5.08	64.1	5.15
120	23	5.3	63.3	1.27	68.6	1.47	74.6	1.73	81.2	1.94	83.7	2.00	86.9	2.04	89.3	2.08
	32	6.0	63.3	1.27	68.6	1.47	74.6	1.73	81.2	1.94	83.7	2.00	86.9	2.04	89.3	2.08
	41	6.9	63.3	1.27	68.6	1.47	74.6	1.73	81.2	1.94	83.7	2.00	86.9	2.04	89.3	2.08
	50	8.1	63.3	1.27	68.6	1.47	74.6	1.73	81.2	1.94	83.7	2.00	86.9	2.04	89.3	2.08
		10.2	63.3	1.25	68.6	1.45	74.6	1.70	81.2	1.91	83.7	1.97	86.9	2.01	89.3	2.04
		20.3	63.3	1.14	68.6	1.35	74.6	1.58	81.2	1.79	83.7	1.82	86.9	1.88	89.3	1.90
		25.4	63.3	1.13	68.6	1.33	74.6	1.56	81.2	1.75	83.7	1.79	86.9	1.84	89.3	1.87
		30.5	63.3	1.12	68.6	1.31	74.6	1.56	81.2	1.74	83.7	1.77	86.9	1.82	89.3	1.85
	59	8.1	62.6	1.69	67.8	1.96	73.8	2.29	80.3	2.57	82.7	2.64	85.9	2.70	88.3	2.75
		10.2	62.6	1.66	67.8	1.93	73.8	2.25	80.3	2.53	82.7	2.60	85.9	2.66	88.3	2.70
		20.3	62.6	1.52	67.8	1.80	73.8	2.10	80.3	2.37	82.7	2.42	85.9	2.49	88.3	2.53
		25.4	62.6	1.48	67.8	1.76	73.8	2.06	80.3	2.32	82.7	2.38	85.9	2.44	88.3	2.48
		30.5	62.6	1.47	67.8	1.75	73.8	2.04	80.3	2.30	82.7	2.36	85.9	2.42	88.3	2.45
	67	8.1	62.0	2.06	67.1	2.39	73.1	2.79	79.5	3.13	81.8	3.21	85.0	3.29	87.4	3.34
		10.2	62.0	2.02	67.1	2.35	73.1	2.74	79.5	3.08	81.8	3.16	85.0	3.24	87.4	3.29
		20.3	62.0	1.85	67.1	2.20	73.1	2.56	79.5	2.89	81.8	2.96	85.0	3.03	87.4	3.09
		25.4	62.0	1.80	67.1	2.15	73.1	2.51	79.5	2.83	81.8	2.90	85.0	2.98	87.4	3.02
		30.5	62.0	1.77	67.1	2.13	73.1	2.48	79.5	2.80	81.8	2.88	85.0	2.95	87.4	2.99

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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COOLING CAPACITY DATA

ARWN072DAS4, ARWB072DAS4

72,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
120	75	8.1	62.0	2.53	67.1	2.93	73.1	3.42	79.5	3.85	81.8	3.94	85.0	4.04	87.4	4.12
		10.2	62.0	2.48	67.1	2.89	73.1	3.36	79.5	3.79	81.8	3.88	85.0	3.98	87.4	4.05
		20.3	62.0	2.28	67.1	2.70	73.1	3.15	79.5	3.55	81.8	3.63	85.0	3.73	87.4	3.80
		25.4	62.0	2.22	67.1	2.64	73.1	3.08	79.5	3.47	81.8	3.56	85.0	3.65	87.4	3.71
		30.5	62.0	2.18	67.1	2.61	73.1	3.05	79.5	3.44	81.8	3.53	85.0	3.62	87.4	3.66
	86	8.1	62.0	3.05	67.1	3.55	73.1	4.14	79.5	4.66	81.8	4.77	85.0	4.89	87.4	4.97
		10.2	62.0	2.99	67.1	3.49	73.1	4.07	79.5	4.59	81.8	4.69	85.0	4.81	87.4	4.89
		20.3	62.0	2.76	67.1	3.27	73.1	3.81	79.5	4.29	81.8	4.39	85.0	4.50	87.4	4.60
		25.4	62.0	2.68	67.1	3.19	73.1	3.73	79.5	4.20	81.8	4.31	85.0	4.42	87.4	4.49
		30.5	62.0	2.64	67.1	3.16	73.1	3.69	79.5	4.15	81.8	4.27	85.0	4.38	87.4	4.43
	95	8.1	56.7	3.13	61.4	3.64	66.9	4.24	72.7	4.77	74.9	4.89	77.8	5.01	80.0	5.10
		10.2	56.7	3.07	61.4	3.58	66.9	4.17	72.7	4.69	74.9	4.81	77.8	4.93	80.0	5.02
		20.3	56.7	2.82	61.4	3.35	66.9	3.90	72.7	4.40	74.9	4.50	77.8	4.62	80.0	4.70
		25.4	56.7	2.75	61.4	3.27	66.9	3.82	72.7	4.31	74.9	4.41	77.8	4.53	80.0	4.60
		30.5	56.7	2.71	61.4	3.24	66.9	3.78	72.7	4.26	74.9	4.37	77.8	4.49	80.0	4.54
	104	8.1	51.5	3.37	55.7	3.92	60.7	4.56	66.0	5.14	67.9	5.26	70.6	5.39	72.6	5.48
		10.2	51.5	3.30	55.7	3.85	60.7	4.49	66.0	5.06	67.9	5.17	70.6	5.30	72.6	5.40
		20.3	51.5	3.04	55.7	3.60	60.7	4.20	66.0	4.73	67.9	4.84	70.6	4.97	72.6	5.07
		25.4	51.5	2.96	55.7	3.53	60.7	4.12	66.0	4.63	67.9	4.75	70.6	4.88	72.6	4.95
		30.5	51.5	2.92	55.7	3.49	60.7	4.08	66.0	4.58	67.9	4.70	70.6	4.83	72.6	4.89
	113	8.1	46.3	3.61	50.0	4.19	54.5	4.88	59.3	5.51	60.9	5.63	63.4	5.76	65.2	5.87
		10.2	46.3	3.54	50.0	4.12	54.5	4.80	59.3	5.42	60.9	5.54	63.4	5.67	65.2	5.78
		20.3	46.3	3.26	50.0	3.85	54.5	4.50	59.3	5.07	60.9	5.17	63.4	5.31	65.2	5.43
		25.4	46.3	3.17	50.0	3.78	54.5	4.41	59.3	4.96	60.9	5.08	63.4	5.22	65.2	5.30
		30.5	46.3	3.12	50.0	3.74	54.5	4.37	59.3	4.90	60.9	5.04	63.4	5.17	65.2	5.24
110	23	5.3	59.7	1.21	64.6	1.40	70.3	1.62	76.6	1.83	78.9	1.86	82.1	1.93	84.2	1.95
	32	6.0	59.7	1.21	64.6	1.40	70.3	1.62	76.6	1.83	78.9	1.86	82.1	1.93	84.2	1.95
	41	6.9	59.7	1.21	64.6	1.40	70.3	1.62	76.6	1.83	78.9	1.86	82.1	1.93	84.2	1.95
	50	8.1	59.7	1.21	64.6	1.40	70.3	1.62	76.6	1.83	78.9	1.86	82.1	1.93	84.2	1.95
		10.2	59.7	1.19	64.6	1.38	70.3	1.59	76.6	1.80	78.9	1.84	82.1	1.89	84.2	1.92
		20.3	59.7	1.09	64.6	1.28	70.3	1.50	76.6	1.69	78.9	1.74	82.1	1.76	84.2	1.79
		25.4	59.7	1.05	64.6	1.26	70.3	1.46	76.6	1.66	78.9	1.69	82.1	1.72	84.2	1.77
		30.5	59.7	1.04	64.6	1.24	70.3	1.45	76.6	1.64	78.9	1.67	82.1	1.71	84.2	1.76
	59	8.1	59.4	1.61	64.3	1.88	70.0	2.18	76.1	2.45	78.4	2.51	81.5	2.57	83.7	2.62
		10.2	59.4	1.58	64.3	1.85	70.0	2.14	76.1	2.42	78.4	2.47	81.5	2.53	83.7	2.58
		20.3	59.4	1.46	64.3	1.72	70.0	2.01	76.1	2.26	78.4	2.32	81.5	2.37	83.7	2.42
		25.4	59.4	1.41	64.3	1.68	70.0	1.96	76.1	2.22	78.4	2.27	81.5	2.32	83.7	2.36
		30.5	59.4	1.39	64.3	1.66	70.0	1.94	76.1	2.19	78.4	2.25	81.5	2.30	83.7	2.33
	67	8.1	59.1	1.97	64.0	2.30	69.7	2.68	75.7	3.01	78.0	3.08	81.0	3.15	83.3	3.22
		10.2	59.1	1.94	64.0	2.26	69.7	2.63	75.7	2.96	78.0	3.03	81.0	3.10	83.3	3.17
		20.3	59.1	1.78	64.0	2.11	69.7	2.46	75.7	2.77	78.0	2.83	81.0	2.91	83.3	2.97
		25.4	59.1	1.73	64.0	2.06	69.7	2.41	75.7	2.71	78.0	2.79	81.0	2.86	83.3	2.89
		30.5	59.1	1.70	64.0	2.04	69.7	2.38	75.7	2.69	78.0	2.76	81.0	2.83	83.3	2.84
	75	8.1	59.1	2.42	64.0	2.81	69.7	3.27	75.7	3.69	78.0	3.77	81.0	3.86	83.3	3.93
		10.2	59.1	2.37	64.0	2.77	69.7	3.22	75.7	3.63	78.0	3.71	81.0	3.80	83.3	3.87
		20.3	59.1	2.18	64.0	2.59	69.7	3.01	75.7	3.39	78.0	3.47	81.0	3.56	83.3	3.63
		25.4	59.1	2.12	64.0	2.53	69.7	2.95	75.7	3.32	78.0	3.41	81.0	3.49	83.3	3.54
		30.5	59.1	2.09	64.0	2.51	69.7	2.92	75.7	3.28	78.0	3.38	81.0	3.46	83.3	3.49
	86	8.1	59.1	2.94	64.0	3.43	69.7	3.99	75.7	4.50	78.0	4.60	81.0	4.72	83.3	4.80
		10.2	59.1	2.89	64.0	3.37	69.7	3.93	75.7	4.42	78.0	4.52	81.0	4.64	83.3	4.72
		20.3	59.1	2.66	64.0	3.15	69.7	3.67	75.7	4.13	78.0	4.23	81.0	4.34	83.3	4.42
		25.4	59.1	2.59	64.0	3.08	69.7	3.59	75.7	4.05	78.0	4.15	81.0	4.26	83.3	4.31
		30.5	59.1	2.55	64.0	3.05	69.7	3.55	75.7	4.01	78.0	4.11	81.0	4.22	83.3	4.26
	95	8.1	55.0	3.06	59.6	3.56	64.9	4.15	70.6	4.67	72.7	4.78	75.5	4.90	77.6	4.99
		10.2	55.0	3.00	59.6	3.50	64.9	4.08	70.6	4.60	72.7	4.70	75.5	4.82	77.6	4.91
		20.3	55.0	2.76	59.6	3.27	64.9	3.82	70.6	4.30	72.7	4.41	75.5	4.51	77.6	4.60
		25.4	55.0	2.69	59.6	3.20	64.9	3.74	70.6	4.22	72.7	4.31	75.5	4.43	77.6	4.49
		30.5	55.0	2.65	59.6	3.17	64.9	3.70	70.6	4.17	72.7	4.27	75.5	4.39	77.6	4.43

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

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COOLING CAPACITY DATA

ARWN072DAS4, ARWB072DAS4

72,000 Btu/h, 460V Heat Pump and Heat Recovery Units

MULTI V WATER IV

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
110	104	8.1	51.0	3.37	55.2	3.91	60.2	4.56	65.4	5.13	67.3	5.25	70.0	5.38	71.9	5.48
		10.2	51.0	3.30	55.2	3.84	60.2	4.49	65.4	5.05	67.3	5.16	70.0	5.29	71.9	5.39
		20.3	51.0	3.03	55.2	3.60	60.2	4.19	65.4	4.72	67.3	4.83	70.0	4.96	71.9	5.06
		25.4	51.0	2.95	55.2	3.52	60.2	4.11	65.4	4.63	67.3	4.74	70.0	4.87	71.9	4.93
		30.5	51.0	2.91	55.2	3.48	60.2	4.07	65.4	4.59	67.3	4.69	70.0	4.82	71.9	4.87
	113	8.1	47.0	3.68	50.8	4.25	55.5	4.98	60.2	5.59	61.9	5.72	64.5	5.85	66.2	5.96
		10.2	47.0	3.60	50.8	4.19	55.5	4.89	60.2	5.50	61.9	5.63	64.5	5.76	66.2	5.87
		20.3	47.0	3.30	50.8	3.93	55.5	4.56	60.2	5.15	61.9	5.26	64.5	5.40	66.2	5.52
		25.4	47.0	3.21	50.8	3.84	55.5	4.48	60.2	5.05	61.9	5.16	64.5	5.30	66.2	5.37
		30.5	47.0	3.17	50.8	3.79	55.5	4.44	60.2	5.00	61.9	5.12	64.5	5.25	66.2	5.30
100	23	5.3	56.2	1.13	60.8	1.32	66.2	1.53	72.0	1.71	74.2	1.75	77.0	1.81	79.2	1.85
	32	6.0	56.2	1.13	60.8	1.32	66.2	1.53	72.0	1.71	74.2	1.75	77.0	1.81	79.2	1.85
	41	6.9	56.2	1.13	60.8	1.32	66.2	1.53	72.0	1.71	74.2	1.75	77.0	1.81	79.2	1.85
	50	8.1	56.2	1.13	60.8	1.32	66.2	1.53	72.0	1.71	74.2	1.75	77.0	1.81	79.2	1.85
		10.2	56.2	1.10	60.8	1.30	66.2	1.50	72.0	1.69	74.2	1.73	77.0	1.78	79.2	1.82
		20.3	56.2	1.02	60.8	1.20	66.2	1.41	72.0	1.59	74.2	1.64	77.0	1.67	79.2	1.69
		25.4	56.2	1.00	60.8	1.17	66.2	1.38	72.0	1.55	74.2	1.59	77.0	1.64	79.2	1.66
		30.5	56.2	0.99	60.8	1.16	66.2	1.37	72.0	1.53	74.2	1.57	77.0	1.62	79.2	1.65
	59	8.1	56.2	1.53	60.8	1.78	66.2	2.08	72.0	2.33	74.2	2.39	77.0	2.45	79.2	2.50
		10.2	56.2	1.50	60.8	1.75	66.2	2.04	72.0	2.30	74.2	2.35	77.0	2.42	79.2	2.46
		20.3	56.2	1.38	60.8	1.64	66.2	1.91	72.0	2.15	74.2	2.21	77.0	2.26	79.2	2.30
		25.4	56.2	1.35	60.8	1.60	66.2	1.87	72.0	2.11	74.2	2.16	77.0	2.22	79.2	2.24
		30.5	56.2	1.33	60.8	1.58	66.2	1.85	72.0	2.09	74.2	2.14	77.0	2.19	79.2	2.22
	67	8.1	56.2	1.89	60.8	2.20	66.2	2.57	72.0	2.89	74.2	2.95	77.0	3.02	79.2	3.08
		10.2	56.2	1.85	60.8	2.16	66.2	2.52	72.0	2.84	74.2	2.90	77.0	2.98	79.2	3.03
		20.3	56.2	1.71	60.8	2.03	66.2	2.35	72.0	2.65	74.2	2.71	77.0	2.79	79.2	2.84
		25.4	56.2	1.66	60.8	1.98	66.2	2.31	72.0	2.61	74.2	2.67	77.0	2.73	79.2	2.76
		30.5	56.2	1.63	60.8	1.96	66.2	2.28	72.0	2.58	74.2	2.65	77.0	2.70	79.2	2.72
	75	8.1	56.2	2.31	60.8	2.68	66.2	3.13	72.0	3.52	74.2	3.61	77.0	3.68	79.2	3.76
		10.2	56.2	2.26	60.8	2.64	66.2	3.08	72.0	3.46	74.2	3.55	77.0	3.63	79.2	3.70
		20.3	56.2	2.08	60.8	2.47	66.2	2.88	72.0	3.24	74.2	3.31	77.0	3.40	79.2	3.46
		25.4	56.2	2.03	60.8	2.42	66.2	2.81	72.0	3.17	74.2	3.25	77.0	3.34	79.2	3.36
		30.5	56.2	2.00	60.8	2.39	66.2	2.78	72.0	3.14	74.2	3.22	77.0	3.31	79.2	3.32
	86	8.1	56.2	2.84	60.8	3.30	66.2	3.84	72.0	4.33	74.2	4.43	77.0	4.54	79.2	4.63
		10.2	56.2	2.79	60.8	3.25	66.2	3.78	72.0	4.26	74.2	4.36	77.0	4.47	79.2	4.55
		20.3	56.2	2.56	60.8	3.03	66.2	3.54	72.0	3.98	74.2	4.07	77.0	4.18	79.2	4.25
		25.4	56.2	2.49	60.8	2.97	66.2	3.46	72.0	3.90	74.2	4.00	77.0	4.10	79.2	4.14
		30.5	56.2	2.45	60.8	2.94	66.2	3.43	72.0	3.86	74.2	3.96	77.0	4.06	79.2	4.09
	95	8.1	53.4	3.00	57.8	3.49	62.9	4.06	68.4	4.57	70.5	4.68	73.2	4.79	75.2	4.87
		10.2	53.4	2.94	57.8	3.43	62.9	3.99	68.4	4.50	70.5	4.60	73.2	4.71	75.2	4.79
		20.3	53.4	2.70	57.8	3.20	62.9	3.73	68.4	4.20	70.5	4.31	73.2	4.41	75.2	4.49
		25.4	53.4	2.62	57.8	3.14	62.9	3.65	68.4	4.12	70.5	4.22	73.2	4.33	75.2	4.37
		30.5	53.4	2.58	57.8	3.11	62.9	3.62	68.4	4.08	70.5	4.18	73.2	4.29	75.2	4.31
	104	8.1	50.5	3.36	54.7	3.91	59.6	4.55	64.8	5.12	66.7	5.25	69.3	5.38	71.3	5.47
		10.2	50.5	3.29	54.7	3.84	59.6	4.48	64.8	5.04	66.7	5.16	69.3	5.29	71.3	5.38
		20.3	50.5	3.03	54.7	3.59	59.6	4.19	64.8	4.71	66.7	4.82	69.3	4.95	71.3	5.04
		25.4	50.5	2.95	54.7	3.52	59.6	4.10	64.8	4.62	66.7	4.74	69.3	4.86	71.3	4.90
		30.5	50.5	2.91	54.7	3.48	59.6	4.05	64.8	4.58	66.7	4.70	69.3	4.81	71.3	4.84
	113	8.1	47.6	3.72	51.6	4.33	56.3	5.05	61.2	5.67	62.9	5.82	65.4	5.97	67.4	6.07
		10.2	47.6	3.65	51.6	4.26	56.3	4.97	61.2	5.58	62.9	5.73	65.4	5.87	67.4	5.97
		20.3	47.6	3.36	51.6	3.98	56.3	4.65	61.2	5.23	62.9	5.34	65.4	5.48	67.4	5.59
		25.4	47.6	3.27	51.6	3.90	56.3	4.54	61.2	5.13	62.9	5.26	65.4	5.38	67.4	5.44
		30.5	47.6	3.23	51.6	3.86	56.3	4.49	61.2	5.08	62.9	5.21	65.4	5.33	67.4	5.36
90	23	5.3	50.5	0.98	54.7	1.13	59.6	1.30	64.8	1.48	66.7	1.52	69.3	1.57	71.3	1.59
	32	6.0	50.5	0.98	54.7	1.13	59.6	1.30	64.8	1.48	66.7	1.52	69.3	1.57	71.3	1.59
	41	6.9	50.5	0.98	54.7	1.13	59.6	1.30	64.8	1.48	66.7	1.52	69.3	1.57	71.3	1.59
	50	8.1	50.5	0.98	54.7	1.13	59.6	1.30	64.8	1.48	66.7	1.52	69.3	1.57	71.3	1.59
		10.2	50.5	0.96	54.7	1.11	59.6	1.29	64.8	1.46	66.7	1.50	69.3	1.54	71.3	1.57
		20.3	50.5	0.89	54.7	1.04	59.6	1.22	64.8	1.38	66.7	1.40	69.3	1.44	71.3	1.46
		25.4	50.5	0.85	54.7	1.03	59.6	1.18	64.8	1.34	66.7	1.37	69.3	1.41	71.3	1.42
		30.5	50.5	0.83	54.7	1.02	59.6	1.16	64.8	1.32	66.7	1.36	69.3	1.40	71.3	1.40

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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COOLING CAPACITY DATA

ARWN072DAS4, ARWB072DAS4

72,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
90	59	8.1	50.5	1.32	54.7	1.54	59.6	1.78	64.8	2.01	66.7	2.06	69.3	2.11	71.3	2.15
		10.2	50.5	1.29	54.7	1.51	59.6	1.75	64.8	1.98	66.7	2.03	69.3	2.08	71.3	2.12
		20.3	50.5	1.19	54.7	1.41	59.6	1.65	64.8	1.85	66.7	1.90	69.3	1.94	71.3	1.98
		25.4	50.5	1.16	54.7	1.38	59.6	1.61	64.8	1.82	66.7	1.86	69.3	1.91	71.3	1.93
		30.5	50.5	1.14	54.7	1.37	59.6	1.59	64.8	1.80	66.7	1.85	69.3	1.89	71.3	1.90
	67	8.1	50.5	1.62	54.7	1.90	59.6	2.21	64.8	2.48	66.7	2.54	69.3	2.60	71.3	2.65
		10.2	50.5	1.59	54.7	1.86	59.6	2.17	64.8	2.44	66.7	2.50	69.3	2.56	71.3	2.61
		20.3	50.5	1.47	54.7	1.74	59.6	2.03	64.8	2.28	66.7	2.34	69.3	2.40	71.3	2.44
		25.4	50.5	1.43	54.7	1.70	59.6	1.99	64.8	2.24	66.7	2.30	69.3	2.35	71.3	2.38
		30.5	50.5	1.41	54.7	1.68	59.6	1.97	64.8	2.23	66.7	2.28	69.3	2.33	71.3	2.35
	75	8.1	50.5	1.98	54.7	2.31	59.6	2.68	64.8	3.02	66.7	3.10	69.3	3.17	71.3	3.24
		10.2	50.5	1.94	54.7	2.27	59.6	2.64	64.8	2.98	66.7	3.05	69.3	3.12	71.3	3.18
		20.3	50.5	1.79	54.7	2.13	59.6	2.47	64.8	2.79	66.7	2.85	69.3	2.92	71.3	2.98
		25.4	50.5	1.74	54.7	2.08	59.6	2.42	64.8	2.73	66.7	2.80	69.3	2.87	71.3	2.90
		30.5	50.5	1.71	54.7	2.06	59.6	2.40	64.8	2.70	66.7	2.77	69.3	2.84	71.3	2.87
	86	8.1	50.5	2.45	54.7	2.84	59.6	3.31	64.8	3.72	66.7	3.82	69.3	3.91	71.3	3.98
		10.2	50.5	2.40	54.7	2.80	59.6	3.26	64.8	3.66	66.7	3.75	69.3	3.84	71.3	3.92
		20.3	50.5	2.20	54.7	2.61	59.6	3.04	64.8	3.43	66.7	3.51	69.3	3.60	71.3	3.66
		25.4	50.5	2.14	54.7	2.56	59.6	2.98	64.8	3.36	66.7	3.45	69.3	3.53	71.3	3.56
		30.5	50.5	2.12	54.7	2.53	59.6	2.94	64.8	3.32	66.7	3.41	69.3	3.49	71.3	3.51
	95	8.1	49.1	2.64	53.2	3.06	58.0	3.57	63.0	4.02	64.9	4.11	67.4	4.21	69.3	4.29
		10.2	49.1	2.59	53.2	3.01	58.0	3.51	63.0	3.95	64.9	4.04	67.4	4.14	69.3	4.22
		20.3	49.1	2.38	53.2	2.82	58.0	3.28	63.0	3.70	64.9	3.78	67.4	3.88	69.3	3.95
		25.4	49.1	2.31	53.2	2.76	58.0	3.21	63.0	3.63	64.9	3.72	67.4	3.81	69.3	3.84
		30.5	49.1	2.27	53.2	2.73	58.0	3.18	63.0	3.59	64.9	3.69	67.4	3.77	69.3	3.79
	104	8.1	47.7	3.03	51.7	3.52	56.3	4.10	61.2	4.62	63.0	4.72	65.5	4.84	67.3	4.93
		10.2	47.7	2.97	51.7	3.46	56.3	4.03	61.2	4.54	63.0	4.65	65.5	4.77	67.3	4.85
		20.3	47.7	2.73	51.7	3.24	56.3	3.77	61.2	4.24	63.0	4.35	65.5	4.46	67.3	4.54
		25.4	47.7	2.65	51.7	3.17	56.3	3.69	61.2	4.16	63.0	4.27	65.5	4.38	67.3	4.42
		30.5	47.7	2.61	51.7	3.13	56.3	3.65	61.2	4.12	63.0	4.23	65.5	4.34	67.3	4.36
	113	8.1	46.3	3.41	50.2	3.98	54.6	4.63	59.4	5.22	61.1	5.34	63.6	5.48	65.3	5.56
		10.2	46.3	3.35	50.2	3.92	54.6	4.56	59.4	5.13	61.1	5.26	63.6	5.39	65.3	5.47
		20.3	46.3	3.08	50.2	3.65	54.6	4.26	59.4	4.79	61.1	4.92	63.6	5.04	65.3	5.13
		25.4	46.3	2.99	50.2	3.57	54.6	4.17	59.4	4.69	61.1	4.82	63.6	4.95	65.3	5.00
		30.5	46.3	2.95	50.2	3.53	54.6	4.12	59.4	4.65	61.1	4.77	63.6	4.90	65.3	4.94
80	23	5.3	44.9	0.82	48.7	0.94	53.0	1.11	57.6	1.26	59.3	1.27	61.6	1.32	63.4	1.33
	32	6.0	44.9	0.82	48.7	0.94	53.0	1.11	57.6	1.26	59.3	1.27	61.6	1.32	63.4	1.33
	41	6.9	44.9	0.82	48.7	0.94	53.0	1.11	57.6	1.26	59.3	1.27	61.6	1.32	63.4	1.33
	50	8.1	44.9	0.82	48.7	0.94	53.0	1.11	57.6	1.26	59.3	1.27	61.6	1.32	63.4	1.33
		10.2	44.9	0.80	48.7	0.93	53.0	1.09	57.6	1.24	59.3	1.25	61.6	1.30	63.4	1.30
		20.3	44.9	0.73	48.7	0.88	53.0	1.01	57.6	1.15	59.3	1.17	61.6	1.20	63.4	1.22
		25.4	44.9	0.71	48.7	0.85	53.0	0.99	57.6	1.11	59.3	1.14	61.6	1.18	63.4	1.20
		30.5	44.9	0.71	48.7	0.84	53.0	0.98	57.6	1.09	59.3	1.12	61.6	1.18	63.4	1.19
	59	8.1	44.9	1.11	48.7	1.29	53.0	1.50	57.6	1.69	59.3	1.73	61.6	1.78	63.4	1.80
		10.2	44.9	1.09	48.7	1.27	53.0	1.47	57.6	1.66	59.3	1.70	61.6	1.75	63.4	1.77
		20.3	44.9	1.00	48.7	1.18	53.0	1.37	57.6	1.56	59.3	1.59	61.6	1.63	63.4	1.66
		25.4	44.9	0.97	48.7	1.16	53.0	1.35	57.6	1.52	59.3	1.56	61.6	1.60	63.4	1.62
		30.5	44.9	0.95	48.7	1.14	53.0	1.33	57.6	1.50	59.3	1.54	61.6	1.59	63.4	1.60
	67	8.1	44.9	1.37	48.7	1.59	53.0	1.85	57.6	2.08	59.3	2.13	61.6	2.18	63.4	2.23
		10.2	44.9	1.34	48.7	1.56	53.0	1.82	57.6	2.04	59.3	2.10	61.6	2.14	63.4	2.19
		20.3	44.9	1.23	48.7	1.46	53.0	1.70	57.6	1.92	59.3	1.96	61.6	2.01	63.4	2.04
		25.4	44.9	1.19	48.7	1.43	53.0	1.66	57.6	1.88	59.3	1.93	61.6	1.97	63.4	1.99
		30.5	44.9	1.18	48.7	1.42	53.0	1.65	57.6	1.86	59.3	1.91	61.6	1.95	63.4	1.96
	75	8.1	44.9	1.66	48.7	1.93	53.0	2.25	57.6	2.54	59.3	2.60	61.6	2.67	63.4	2.71
		10.2	44.9	1.63	48.7	1.90	53.0	2.22	57.6	2.50	59.3	2.56	61.6	2.62	63.4	2.67
		20.3	44.9	1.50	48.7	1.78	53.0	2.07	57.6	2.33	59.3	2.39	61.6	2.45	63.4	2.50
		25.4	44.9	1.46	48.7	1.75	53.0	2.04	57.6	2.29	59.3	2.34	61.6	2.41	63.4	2.43
		30.5	44.9	1.43	48.7	1.73	53.0	2.02	57.6	2.27	59.3	2.32	61.6	2.38	63.4	2.40

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

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COOLING CAPACITY DATA

ARWN072DAS4, ARWB072DAS4

72,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
80	86	8.1	44.9	2.05	48.7	2.38	53.0	2.78	57.6	3.13	59.3	3.20	61.6	3.27	63.4	3.34
		10.2	44.9	2.01	48.7	2.34	53.0	2.73	57.6	3.08	59.3	3.15	61.6	3.22	63.4	3.28
		20.3	44.9	1.85	48.7	2.19	53.0	2.55	57.6	2.87	59.3	2.94	61.6	3.01	63.4	3.07
		25.4	44.9	1.79	48.7	2.14	53.0	2.50	57.6	2.81	59.3	2.89	61.6	2.96	63.4	2.99
		30.5	44.9	1.76	48.7	2.12	53.0	2.47	57.6	2.79	59.3	2.86	61.6	2.93	63.4	2.94
	95	8.1	44.9	2.28	48.7	2.65	53.0	3.08	57.6	3.46	59.3	3.55	61.6	3.64	63.4	3.70
		10.2	44.9	2.23	48.7	2.61	53.0	3.03	57.6	3.41	59.3	3.49	61.6	3.58	63.4	3.65
		20.3	44.9	2.05	48.7	2.43	53.0	2.83	57.6	3.19	59.3	3.27	61.6	3.35	63.4	3.41
		25.4	44.9	2.00	48.7	2.38	53.0	2.78	57.6	3.13	59.3	3.20	61.6	3.29	63.4	3.32
		30.5	44.9	1.97	48.7	2.35	53.0	2.75	57.6	3.10	59.3	3.17	61.6	3.27	63.4	3.27
	104	8.1	44.9	2.69	48.7	3.14	53.0	3.65	57.6	4.11	59.3	4.20	61.6	4.31	63.4	4.38
		10.2	44.9	2.64	48.7	3.08	53.0	3.59	57.6	4.04	59.3	4.13	61.6	4.24	63.4	4.31
		20.3	44.9	2.43	48.7	2.88	53.0	3.36	57.6	3.78	59.3	3.87	61.6	3.97	63.4	4.04
		25.4	44.9	2.36	48.7	2.82	53.0	3.28	57.6	3.71	59.3	3.80	61.6	3.89	63.4	3.93
		30.5	44.9	2.32	48.7	2.80	53.0	3.25	57.6	3.67	59.3	3.76	61.6	3.85	63.4	3.88
	113	8.1	44.9	3.11	48.7	3.63	53.0	4.22	57.6	4.75	59.3	4.85	61.6	4.98	63.4	5.06
		10.2	44.9	3.05	48.7	3.56	53.0	4.15	57.6	4.68	59.3	4.78	61.6	4.90	63.4	4.98
		20.3	44.9	2.81	48.7	3.32	53.0	3.88	57.6	4.37	59.3	4.48	61.6	4.60	63.4	4.68
		25.4	44.9	2.72	48.7	3.27	53.0	3.79	57.6	4.29	59.3	4.40	61.6	4.49	63.4	4.55
		30.5	44.9	2.68	48.7	3.24	53.0	3.75	57.6	4.25	59.3	4.36	61.6	4.43	63.4	4.49
70	23	5.3	39.3	0.68	42.6	0.79	46.4	0.93	50.4	1.05	51.9	1.05	53.9	1.09	55.4	1.10
	32	6.0	39.3	0.68	42.6	0.79	46.4	0.93	50.4	1.05	51.9	1.05	53.9	1.09	55.4	1.10
	41	6.9	39.3	0.68	42.6	0.79	46.4	0.93	50.4	1.05	51.9	1.05	53.9	1.09	55.4	1.10
	50	8.1	39.3	0.68	42.6	0.79	46.4	0.93	50.4	1.05	51.9	1.05	53.9	1.09	55.4	1.10
		10.2	39.3	0.67	42.6	0.77	46.4	0.91	50.4	1.03	51.9	1.03	53.9	1.07	55.4	1.09
		20.3	39.3	0.62	42.6	0.73	46.4	0.85	50.4	0.96	51.9	0.97	53.9	1.00	55.4	1.03
		25.4	39.3	0.59	42.6	0.70	46.4	0.83	50.4	0.93	51.9	0.95	53.9	0.98	55.4	1.00
		30.5	39.3	0.58	42.6	0.69	46.4	0.81	50.4	0.92	51.9	0.93	53.9	0.98	55.4	0.99
	59	8.1	39.3	0.92	42.6	1.07	46.4	1.25	50.4	1.41	51.9	1.43	53.9	1.47	55.4	1.50
		10.2	39.3	0.90	42.6	1.05	46.4	1.23	50.4	1.38	51.9	1.41	53.9	1.45	55.4	1.47
		20.3	39.3	0.83	42.6	0.99	46.4	1.15	50.4	1.29	51.9	1.32	53.9	1.36	55.4	1.38
		25.4	39.3	0.81	42.6	0.96	46.4	1.12	50.4	1.27	51.9	1.29	53.9	1.33	55.4	1.35
		30.5	39.3	0.79	42.6	0.95	46.4	1.11	50.4	1.25	51.9	1.28	53.9	1.32	55.4	1.33
	67	8.1	39.3	1.14	42.6	1.31	46.4	1.54	50.4	1.73	51.9	1.78	53.9	1.81	55.4	1.85
		10.2	39.3	1.11	42.6	1.29	46.4	1.51	50.4	1.70	51.9	1.75	53.9	1.78	55.4	1.82
		20.3	39.3	1.02	42.6	1.21	46.4	1.41	50.4	1.59	51.9	1.63	53.9	1.67	55.4	1.70
		25.4	39.3	1.00	42.6	1.18	46.4	1.38	50.4	1.56	51.9	1.60	53.9	1.64	55.4	1.66
		30.5	39.3	0.98	42.6	1.17	46.4	1.37	50.4	1.55	51.9	1.59	53.9	1.62	55.4	1.63
	75	8.1	39.3	1.38	42.6	1.61	46.4	1.87	50.4	2.11	51.9	2.16	53.9	2.22	55.4	2.25
		10.2	39.3	1.36	42.6	1.58	46.4	1.85	50.4	2.08	51.9	2.13	53.9	2.18	55.4	2.22
		20.3	39.3	1.25	42.6	1.48	46.4	1.73	50.4	1.94	51.9	1.99	53.9	2.04	55.4	2.07
		25.4	39.3	1.21	42.6	1.45	46.4	1.69	50.4	1.90	51.9	1.95	53.9	2.00	55.4	2.02
		30.5	39.3	1.19	42.6	1.43	46.4	1.67	50.4	1.88	51.9	1.94	53.9	1.98	55.4	1.99
	86	8.1	39.3	1.71	42.6	1.98	46.4	2.31	50.4	2.59	51.9	2.66	53.9	2.72	55.4	2.77
		10.2	39.3	1.67	42.6	1.94	46.4	2.27	50.4	2.55	51.9	2.61	53.9	2.68	55.4	2.72
		20.3	39.3	1.54	42.6	1.82	46.4	2.12	50.4	2.39	51.9	2.44	53.9	2.51	55.4	2.55
		25.4	39.3	1.49	42.6	1.78	46.4	2.08	50.4	2.34	51.9	2.40	53.9	2.46	55.4	2.49
		30.5	39.3	1.47	42.6	1.76	46.4	2.06	50.4	2.32	51.9	2.37	53.9	2.44	55.4	2.46
	95	8.1	39.3	1.89	42.6	2.20	46.4	2.57	50.4	2.89	51.9	2.95	53.9	3.02	55.4	3.08
		10.2	39.3	1.85	42.6	2.16	46.4	2.52	50.4	2.84	51.9	2.90	53.9	2.98	55.4	3.03
		20.3	39.3	1.71	42.6	2.03	46.4	2.35	50.4	2.65	51.9	2.71	53.9	2.79	55.4	2.84
		25.4	39.3	1.66	42.6	1.98	46.4	2.31	50.4	2.61	51.9	2.67	53.9	2.73	55.4	2.76
		30.5	39.3	1.63	42.6	1.96	46.4	2.28	50.4	2.58	51.9	2.65	53.9	2.70	55.4	2.72
	104	8.1	39.3	2.24	42.6	2.60	46.4	3.04	50.4	3.41	51.9	3.49	53.9	3.58	55.4	3.65
		10.2	39.3	2.20	42.6	2.56	46.4	2.99	50.4	3.36	51.9	3.44	53.9	3.53	55.4	3.59
		20.3	39.3	2.02	42.6	2.40	46.4	2.79	50.4	3.14	51.9	3.22	53.9	3.30	55.4	3.36
		25.4	39.3	1.96	42.6	2.34	46.4	2.73	50.4	3.08	51.9	3.16	53.9	3.24	55.4	3.27
		30.5	39.3	1.94	42.6	2.32	46.4	2.70	50.4	3.06	51.9	3.13	53.9	3.21	55.4	3.23

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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COOLING CAPACITY DATA

ARWN072DAS4, ARWB072DAS4

72,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
70	113	8.1	39.3	2.60	42.6	3.01	46.4	3.50	50.4	3.93	51.9	4.03	53.9	4.15	55.4	4.22
		10.2	39.3	2.54	42.6	2.96	46.4	3.45	50.4	3.87	51.9	3.97	53.9	4.08	55.4	4.15
		20.3	39.3	2.32	42.6	2.77	46.4	3.22	50.4	3.63	51.9	3.73	53.9	3.82	55.4	3.87
		25.4	39.3	2.27	42.6	2.70	46.4	3.16	50.4	3.56	51.9	3.65	53.9	3.74	55.4	3.79
		30.5	39.3	2.24	42.6	2.67	46.4	3.13	50.4	3.53	51.9	3.60	53.9	3.71	55.4	3.75
60	23	5.3	33.7	0.55	36.5	0.64	39.7	0.74	43.2	0.83	44.5	0.85	46.2	0.88	47.5	0.88
	32	6.0	33.7	0.55	36.5	0.64	39.7	0.74	43.2	0.83	44.5	0.85	46.2	0.88	47.5	0.88
	41	6.9	33.7	0.55	36.5	0.64	39.7	0.74	43.2	0.83	44.5	0.85	46.2	0.88	47.5	0.88
	50	8.1	33.7	0.55	36.5	0.64	39.7	0.74	43.2	0.83	44.5	0.85	46.2	0.88	47.5	0.88
		10.2	33.7	0.54	36.5	0.63	39.7	0.72	43.2	0.82	44.5	0.84	46.2	0.86	47.5	0.87
		20.3	33.7	0.49	36.5	0.58	39.7	0.67	43.2	0.77	44.5	0.76	46.2	0.79	47.5	0.82
		25.4	33.7	0.47	36.5	0.57	39.7	0.66	43.2	0.75	44.5	0.76	46.2	0.77	47.5	0.78
		30.5	33.7	0.46	36.5	0.56	39.7	0.66	43.2	0.74	44.5	0.75	46.2	0.76	47.5	0.76
	59	8.1	33.7	0.74	36.5	0.85	39.7	0.99	43.2	1.12	44.5	1.15	46.2	1.18	47.5	1.19
		10.2	33.7	0.72	36.5	0.84	39.7	0.98	43.2	1.10	44.5	1.13	46.2	1.16	47.5	1.18
		20.3	33.7	0.66	36.5	0.79	39.7	0.91	43.2	1.03	44.5	1.05	46.2	1.08	47.5	1.10
		25.4	33.7	0.64	36.5	0.77	39.7	0.90	43.2	1.01	44.5	1.03	46.2	1.06	47.5	1.07
		30.5	33.7	0.63	36.5	0.76	39.7	0.89	43.2	1.00	44.5	1.02	46.2	1.05	47.5	1.05
	67	8.1	33.7	0.90	36.5	1.05	39.7	1.22	43.2	1.38	44.5	1.42	46.2	1.44	47.5	1.47
		10.2	33.7	0.89	36.5	1.03	39.7	1.20	43.2	1.36	44.5	1.39	46.2	1.42	47.5	1.45
		20.3	33.7	0.81	36.5	0.97	39.7	1.13	43.2	1.27	44.5	1.30	46.2	1.33	47.5	1.36
		25.4	33.7	0.80	36.5	0.95	39.7	1.10	43.2	1.25	44.5	1.28	46.2	1.31	47.5	1.32
		30.5	33.7	0.79	36.5	0.94	39.7	1.09	43.2	1.24	44.5	1.26	46.2	1.30	47.5	1.30
	75	8.1	33.7	1.11	36.5	1.28	39.7	1.49	43.2	1.68	44.5	1.72	46.2	1.76	47.5	1.79
		10.2	33.7	1.09	36.5	1.26	39.7	1.47	43.2	1.66	44.5	1.69	46.2	1.74	47.5	1.76
		20.3	33.7	1.00	36.5	1.18	39.7	1.37	43.2	1.55	44.5	1.58	46.2	1.63	47.5	1.66
		25.4	33.7	0.97	36.5	1.16	39.7	1.35	43.2	1.52	44.5	1.56	46.2	1.59	47.5	1.61
		30.5	33.7	0.95	36.5	1.15	39.7	1.33	43.2	1.51	44.5	1.54	46.2	1.57	47.5	1.59
	86	8.1	33.7	1.36	36.5	1.58	39.7	1.84	43.2	2.07	44.5	2.11	46.2	2.17	47.5	2.21
		10.2	33.7	1.33	36.5	1.56	39.7	1.81	43.2	2.04	44.5	2.08	46.2	2.13	47.5	2.17
		20.3	33.7	1.22	36.5	1.45	39.7	1.69	43.2	1.90	44.5	1.94	46.2	2.00	47.5	2.04
		25.4	33.7	1.19	36.5	1.42	39.7	1.66	43.2	1.86	44.5	1.91	46.2	1.96	47.5	1.98
		30.5	33.7	1.18	36.5	1.41	39.7	1.64	43.2	1.85	44.5	1.89	46.2	1.94	47.5	1.95
	95	8.1	33.7	1.50	36.5	1.76	39.7	2.04	43.2	2.30	44.5	2.35	46.2	2.41	47.5	2.45
		10.2	33.7	1.47	36.5	1.73	39.7	2.01	43.2	2.26	44.5	2.32	46.2	2.37	47.5	2.42
		20.3	33.7	1.36	36.5	1.61	39.7	1.88	43.2	2.12	44.5	2.16	46.2	2.23	47.5	2.26
		25.4	33.7	1.32	36.5	1.57	39.7	1.84	43.2	2.07	44.5	2.13	46.2	2.18	47.5	2.20
		30.5	33.7	1.30	36.5	1.56	39.7	1.81	43.2	2.05	44.5	2.11	46.2	2.16	47.5	2.17
	104	8.1	33.7	1.79	36.5	2.08	39.7	2.42	43.2	2.72	44.5	2.79	46.2	2.86	47.5	2.90
		10.2	33.7	1.75	36.5	2.04	39.7	2.38	43.2	2.68	44.5	2.74	46.2	2.81	47.5	2.86
		20.3	33.7	1.61	36.5	1.91	39.7	2.23	43.2	2.51	44.5	2.56	46.2	2.63	47.5	2.68
		25.4	33.7	1.56	36.5	1.87	39.7	2.18	43.2	2.45	44.5	2.51	46.2	2.58	47.5	2.61
		30.5	33.7	1.54	36.5	1.85	39.7	2.16	43.2	2.42	44.5	2.49	46.2	2.55	47.5	2.57
	113	8.1	33.7	2.08	36.5	2.40	39.7	2.80	43.2	3.14	44.5	3.22	46.2	3.31	47.5	3.35
		10.2	33.7	2.04	36.5	2.36	39.7	2.75	43.2	3.09	44.5	3.17	46.2	3.26	47.5	3.30
		20.3	33.7	1.86	36.5	2.21	39.7	2.57	43.2	2.89	44.5	2.96	46.2	3.04	47.5	3.09
		25.4	33.7	1.81	36.5	2.17	39.7	2.52	43.2	2.83	44.5	2.90	46.2	2.98	47.5	3.01
		30.5	33.7	1.78	36.5	2.15	39.7	2.50	43.2	2.80	44.5	2.88	46.2	2.94	47.5	2.97
50	23	5.3	28.1	0.40	30.4	0.47	33.1	0.56	36.0	0.62	37.1	0.63	38.5	0.65	39.6	0.66
	32	6.0	28.1	0.40	30.4	0.47	33.1	0.56	36.0	0.62	37.1	0.63	38.5	0.65	39.6	0.66
	41	6.9	28.1	0.40	30.4	0.47	33.1	0.56	36.0	0.62	37.1	0.63	38.5	0.65	39.6	0.66
	50	8.1	28.1	0.40	30.4	0.47	33.1	0.56	36.0	0.62	37.1	0.63	38.5	0.65	39.6	0.66
		10.2	28.1	0.39	30.4	0.46	33.1	0.55	36.0	0.61	37.1	0.62	38.5	0.64	39.6	0.65
		20.3	28.1	0.38	30.4	0.44	33.1	0.50	36.0	0.57	37.1	0.58	38.5	0.59	39.6	0.61
		25.4	28.1	0.36	30.4	0.42	33.1	0.50	36.0	0.55	37.1	0.57	38.5	0.57	39.6	0.58
		30.5	28.1	0.35	30.4	0.41	33.1	0.50	36.0	0.54	37.1	0.56	38.5	0.56	39.6	0.57
	59	8.1	28.1	0.54	30.4	0.63	33.1	0.75	36.0	0.84	37.1	0.85	38.5	0.87	39.6	0.89
		10.2	28.1	0.53	30.4	0.62	33.1	0.73	36.0	0.82	37.1	0.84	38.5	0.86	39.6	0.88
		20.3	28.1	0.50	30.4	0.59	33.1	0.68	36.0	0.77	37.1	0.79	38.5	0.81	39.6	0.82
		25.4	28.1	0.48	30.4	0.57	33.1	0.67	36.0	0.75	37.1	0.77	38.5	0.79	39.6	0.80
		30.5	28.1	0.47	30.4	0.56	33.1	0.66	36.0	0.74	37.1	0.76	38.5	0.78	39.6	0.78

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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COOLING CAPACITY DATA

ARWN072DAS4, ARWB072DAS4

72,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
50	67	8.1	28.1	0.67	30.4	0.78	33.1	0.91	36.0	1.03	37.1	1.06	38.5	1.07	39.6	1.09
		10.2	28.1	0.66	30.4	0.77	33.1	0.90	36.0	1.01	37.1	1.04	38.5	1.06	39.6	1.08
		20.3	28.1	0.61	30.4	0.72	33.1	0.84	36.0	0.95	37.1	0.97	38.5	1.00	39.6	1.01
		25.4	28.1	0.59	30.4	0.71	33.1	0.82	36.0	0.93	37.1	0.95	38.5	0.98	39.6	0.99
		30.5	28.1	0.58	30.4	0.70	33.1	0.81	36.0	0.92	37.1	0.94	38.5	0.97	39.6	0.97
	75	8.1	28.1	0.82	30.4	0.96	33.1	1.11	36.0	1.25	37.1	1.29	38.5	1.31	39.6	1.34
		10.2	28.1	0.81	30.4	0.94	33.1	1.09	36.0	1.23	37.1	1.27	38.5	1.29	39.6	1.32
		20.3	28.1	0.74	30.4	0.88	33.1	1.02	36.0	1.16	37.1	1.18	38.5	1.21	39.6	1.23
		25.4	28.1	0.72	30.4	0.86	33.1	1.00	36.0	1.13	37.1	1.16	38.5	1.18	39.6	1.20
		30.5	28.1	0.71	30.4	0.85	33.1	1.00	36.0	1.12	37.1	1.14	38.5	1.17	39.6	1.19
	86	8.1	28.1	1.02	30.4	1.18	33.1	1.37	36.0	1.54	37.1	1.58	38.5	1.62	39.6	1.64
		10.2	28.1	1.00	30.4	1.16	33.1	1.35	36.0	1.52	37.1	1.56	38.5	1.59	39.6	1.62
		20.3	28.1	0.91	30.4	1.09	33.1	1.26	36.0	1.42	37.1	1.46	38.5	1.49	39.6	1.52
		25.4	28.1	0.89	30.4	1.06	33.1	1.23	36.0	1.39	37.1	1.43	38.5	1.47	39.6	1.47
		30.5	28.1	0.87	30.4	1.04	33.1	1.22	36.0	1.38	37.1	1.42	38.5	1.45	39.6	1.45
	95	8.1	28.1	1.13	30.4	1.31	33.1	1.53	36.0	1.71	37.1	1.76	38.5	1.80	39.6	1.83
		10.2	28.1	1.10	30.4	1.28	33.1	1.50	36.0	1.68	37.1	1.73	38.5	1.77	39.6	1.80
		20.3	28.1	1.01	30.4	1.20	33.1	1.40	36.0	1.57	37.1	1.61	38.5	1.66	39.6	1.68
		25.4	28.1	0.99	30.4	1.18	33.1	1.37	36.0	1.55	37.1	1.58	38.5	1.63	39.6	1.64
		30.5	28.1	0.97	30.4	1.16	33.1	1.36	36.0	1.53	37.1	1.57	38.5	1.61	39.6	1.61
	104	8.1	28.1	1.33	30.4	1.54	33.1	1.80	36.0	2.03	37.1	2.08	38.5	2.13	39.6	2.17
		10.2	28.1	1.30	30.4	1.52	33.1	1.77	36.0	2.00	37.1	2.04	38.5	2.10	39.6	2.13
		20.3	28.1	1.20	30.4	1.42	33.1	1.66	36.0	1.86	37.1	1.91	38.5	1.96	39.6	2.00
		25.4	28.1	1.17	30.4	1.39	33.1	1.63	36.0	1.83	37.1	1.87	38.5	1.93	39.6	1.94
		30.5	28.1	1.15	30.4	1.38	33.1	1.61	36.0	1.81	37.1	1.85	38.5	1.91	39.6	1.92
	113	8.1	28.1	1.53	30.4	1.78	33.1	2.08	36.0	2.36	37.1	2.40	38.5	2.46	39.6	2.51
		10.2	28.1	1.50	30.4	1.75	33.1	2.04	36.0	2.32	37.1	2.36	38.5	2.42	39.6	2.47
		20.3	28.1	1.39	30.4	1.64	33.1	1.91	36.0	2.15	37.1	2.21	38.5	2.27	39.6	2.32
		25.4	28.1	1.35	30.4	1.61	33.1	1.88	36.0	2.11	37.1	2.16	38.5	2.23	39.6	2.25
		30.5	28.1	1.33	30.4	1.60	33.1	1.87	36.0	2.09	37.1	2.14	38.5	2.20	39.6	2.22

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

Due to our policy of continuous product innovation, some specifications may change without notification.
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COOLING CAPACITY DATA

ARWN096DAS4, ARWB096DAS4

96,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
130	23	6.7	89.3	1.82	96.7	2.13	105.2	2.48	114.3	2.78	117.8	2.84	122.5	2.94	125.9	2.98
	32	7.5	89.3	1.82	96.7	2.13	105.2	2.48	114.3	2.78	117.8	2.84	122.5	2.94	125.9	2.98
	41	8.6	89.3	1.82	96.7	2.13	105.2	2.48	114.3	2.78	117.8	2.84	122.5	2.94	125.9	2.98
	50	10.2	89.3	1.82	96.7	2.13	105.2	2.48	114.3	2.78	117.8	2.84	122.5	2.94	125.9	2.98
		12.7	89.3	1.78	96.7	2.09	105.2	2.44	114.3	2.74	117.8	2.80	122.5	2.89	125.9	2.93
		25.4	89.3	1.65	96.7	1.94	105.2	2.27	114.3	2.56	117.8	2.63	122.5	2.69	125.9	2.75
		31.8	89.3	1.61	96.7	1.91	105.2	2.23	114.3	2.50	117.8	2.58	122.5	2.64	125.9	2.68
		38.1	89.3	1.58	96.7	1.90	105.2	2.21	114.3	2.47	117.8	2.55	122.5	2.62	125.9	2.64
	59	10.2	87.8	2.39	95.1	2.79	103.5	3.25	112.5	3.65	115.9	3.74	120.4	3.84	123.8	3.90
		12.7	87.8	2.35	95.1	2.74	103.5	3.20	112.5	3.59	115.9	3.68	120.4	3.78	123.8	3.84
		25.4	87.8	2.16	95.1	2.56	103.5	2.99	112.5	3.36	115.9	3.45	120.4	3.54	123.8	3.61
		31.8	87.8	2.11	95.1	2.51	103.5	2.93	112.5	3.29	115.9	3.38	120.4	3.47	123.8	3.53
		38.1	87.8	2.08	95.1	2.49	103.5	2.90	112.5	3.26	115.9	3.35	120.4	3.43	123.8	3.48
	67	10.2	86.5	2.91	93.7	3.38	102.0	3.94	110.9	4.43	114.2	4.54	118.6	4.64	122.0	4.73
		12.7	86.5	2.85	93.7	3.32	102.0	3.87	110.9	4.36	114.2	4.46	118.6	4.57	122.0	4.66
		25.4	86.5	2.62	93.7	3.11	102.0	3.62	110.9	4.08	114.2	4.17	118.6	4.29	122.0	4.38
		31.8	86.5	2.55	93.7	3.04	102.0	3.55	110.9	4.00	114.2	4.10	118.6	4.20	122.0	4.28
		38.1	86.5	2.52	93.7	3.01	102.0	3.51	110.9	3.96	114.2	4.06	118.6	4.16	122.0	4.23
	75	10.2	86.5	3.59	93.7	4.16	102.0	4.85	110.9	5.47	114.2	5.60	118.6	5.73	122.0	5.83
		12.7	86.5	3.52	93.7	4.10	102.0	4.77	110.9	5.38	114.2	5.51	118.6	5.64	122.0	5.74
		25.4	86.5	3.24	93.7	3.84	102.0	4.46	110.9	5.02	114.2	5.15	118.6	5.29	122.0	5.39
		31.8	86.5	3.14	93.7	3.75	102.0	4.38	110.9	4.93	114.2	5.05	118.6	5.19	122.0	5.27
		38.1	86.5	3.09	93.7	3.70	102.0	4.33	110.9	4.88	114.2	5.00	118.6	5.13	122.0	5.22
	86	10.2	86.5	4.31	93.7	5.00	102.0	5.82	110.9	6.56	114.2	6.72	118.6	6.88	122.0	6.99
		12.7	86.5	4.22	93.7	4.92	102.0	5.73	110.9	6.45	114.2	6.61	118.6	6.77	122.0	6.89
		25.4	86.5	3.87	93.7	4.60	102.0	5.36	110.9	6.03	114.2	6.18	118.6	6.35	122.0	6.47
		31.8	86.5	3.77	93.7	4.50	102.0	5.25	110.9	5.91	114.2	6.07	118.6	6.22	122.0	6.33
		38.1	86.5	3.71	93.7	4.45	102.0	5.19	110.9	5.85	114.2	6.01	118.6	6.16	122.0	6.25
	95	10.2	77.9	4.35	84.3	5.06	91.8	5.89	99.8	6.63	102.8	6.80	106.8	6.96	109.8	7.07
		12.7	77.9	4.26	84.3	4.98	91.8	5.80	99.8	6.52	102.8	6.69	106.8	6.85	109.8	6.97
		25.4	77.9	3.92	84.3	4.65	91.8	5.42	99.8	6.11	102.8	6.25	106.8	6.41	109.8	6.55
		31.8	77.9	3.82	84.3	4.55	91.8	5.30	99.8	5.98	102.8	6.13	106.8	6.29	109.8	6.40
		38.1	77.9	3.76	84.3	4.50	91.8	5.25	99.8	5.92	102.8	6.08	106.8	6.23	109.8	6.32
	104	10.2	69.2	4.59	75.0	5.33	81.6	6.22	88.7	6.99	91.4	7.15	94.9	7.33	97.6	7.46
		12.7	69.2	4.50	75.0	5.25	81.6	6.12	88.7	6.88	91.4	7.04	94.9	7.22	97.6	7.35
		25.4	69.2	4.13	75.0	4.91	81.6	5.72	88.7	6.43	91.4	6.60	94.9	6.77	97.6	6.91
		31.8	69.2	4.02	75.0	4.80	81.6	5.59	88.7	6.31	91.4	6.47	94.9	6.64	97.6	6.75
		38.1	69.2	3.96	75.0	4.75	81.6	5.53	88.7	6.25	91.4	6.41	94.9	6.57	97.6	6.67
	113	10.2	60.5	4.84	65.7	5.60	71.4	6.54	77.6	7.36	80.0	7.51	83.0	7.70	85.4	7.86
		12.7	60.5	4.74	65.7	5.52	71.4	6.43	77.6	7.24	80.0	7.40	83.0	7.58	85.4	7.74
		25.4	60.5	4.35	65.7	5.17	71.4	6.02	77.6	6.76	80.0	6.95	83.0	7.13	85.4	7.26
		31.8	60.5	4.22	65.7	5.05	71.4	5.88	77.6	6.64	80.0	6.81	83.0	6.98	85.4	7.11
		38.1	60.5	4.16	65.7	4.99	71.4	5.82	77.6	6.57	80.0	6.74	83.0	6.91	85.4	7.03
120	23	6.7	84.5	1.73	91.4	2.02	99.6	2.34	108.3	2.63	111.5	2.72	115.9	2.78	119.1	2.81
	32	7.5	84.5	1.73	91.4	2.02	99.6	2.34	108.3	2.63	111.5	2.72	115.9	2.78	119.1	2.81
	41	8.6	84.5	1.73	91.4	2.02	99.6	2.34	108.3	2.63	111.5	2.72	115.9	2.78	119.1	2.81
	50	10.2	84.5	1.73	91.4	2.02	99.6	2.34	108.3	2.63	111.5	2.72	115.9	2.78	119.1	2.81
		12.7	84.5	1.70	91.4	1.99	99.6	2.30	108.3	2.59	111.5	2.67	115.9	2.73	119.1	2.77
		25.4	84.5	1.56	91.4	1.86	99.6	2.16	108.3	2.42	111.5	2.48	115.9	2.54	119.1	2.60
		31.8	84.5	1.51	91.4	1.80	99.6	2.12	108.3	2.37	111.5	2.44	115.9	2.50	119.1	2.55
		38.1	84.5	1.49	91.4	1.77	99.6	2.09	108.3	2.34	111.5	2.42	115.9	2.48	119.1	2.52
	59	10.2	83.5	2.30	90.4	2.67	98.5	3.10	107.0	3.50	110.2	3.58	114.5	3.67	117.7	3.73
		12.7	83.5	2.25	90.4	2.63	98.5	3.05	107.0	3.44	110.2	3.53	114.5	3.61	117.7	3.67
		25.4	83.5	2.07	90.4	2.45	98.5	2.86	107.0	3.22	110.2	3.29	114.5	3.38	117.7	3.45
		31.8	83.5	2.01	90.4	2.40	98.5	2.80	107.0	3.15	110.2	3.24	114.5	3.31	117.7	3.37
		38.1	83.5	1.98	90.4	2.37	98.5	2.77	107.0	3.12	110.2	3.21	114.5	3.28	117.7	3.33
	67	10.2	82.6	2.80	89.5	3.25	97.5	3.78	105.9	4.26	109.1	4.36	113.3	4.46	116.5	4.54
		12.7	82.6	2.74	89.5	3.20	97.5	3.72	105.9	4.19	109.1	4.29	113.3	4.40	116.5	4.47
		25.4	82.6	2.52	89.5	2.99	97.5	3.48	105.9	3.92	109.1	4.02	113.3	4.13	116.5	4.20
		31.8	82.6	2.45	89.5	2.93	97.5	3.41	105.9	3.84	109.1	3.94	113.3	4.04	116.5	4.11
		38.1	82.6	2.42	89.5	2.90	97.5	3.38	105.9	3.81	109.1	3.90	113.3	3.99	116.5	4.06

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

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COOLING CAPACITY DATA

ARWN096DAS4, ARWB096DAS4

96,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
120	75	10.2	82.6	3.44	89.5	4.00	97.5	4.65	105.9	5.23	109.1	5.36	113.3	5.50	116.5	5.59
		12.7	82.6	3.37	89.5	3.93	97.5	4.58	105.9	5.15	109.1	5.27	113.3	5.41	116.5	5.51
		25.4	82.6	3.10	89.5	3.67	97.5	4.28	105.9	4.82	109.1	4.94	113.3	5.06	116.5	5.17
		31.8	82.6	3.01	89.5	3.59	97.5	4.19	105.9	4.72	109.1	4.84	113.3	4.97	116.5	5.04
		38.1	82.6	2.97	89.5	3.55	97.5	4.15	105.9	4.68	109.1	4.79	113.3	4.92	116.5	4.98
	86	10.2	82.6	4.15	89.5	4.83	97.5	5.63	105.9	6.33	109.1	6.48	113.3	6.65	116.5	6.76
		12.7	82.6	4.07	89.5	4.75	97.5	5.54	105.9	6.23	109.1	6.38	113.3	6.54	116.5	6.66
		25.4	82.6	3.75	89.5	4.44	97.5	5.17	105.9	5.83	109.1	5.97	113.3	6.12	116.5	6.24
		31.8	82.6	3.64	89.5	4.35	97.5	5.06	105.9	5.71	109.1	5.85	113.3	6.01	116.5	6.10
		38.1	82.6	3.59	89.5	4.30	97.5	5.01	105.9	5.65	109.1	5.80	113.3	5.95	116.5	6.02
	95	10.2	75.6	4.26	81.9	4.95	89.2	5.76	96.9	6.49	99.8	6.65	103.7	6.80	106.6	6.93
		12.7	75.6	4.17	81.9	4.87	89.2	5.67	96.9	6.39	99.8	6.54	103.7	6.69	106.6	6.82
		25.4	75.6	3.84	81.9	4.55	89.2	5.30	96.9	5.97	99.8	6.12	103.7	6.28	106.6	6.40
		31.8	75.6	3.73	81.9	4.45	89.2	5.20	96.9	5.85	99.8	6.00	103.7	6.15	106.6	6.25
		38.1	75.6	3.68	81.9	4.40	89.2	5.14	96.9	5.80	99.8	5.94	103.7	6.09	106.6	6.18
	104	10.2	68.6	4.58	74.3	5.32	80.9	6.21	88.0	6.98	90.6	7.15	94.1	7.32	96.7	7.46
		12.7	68.6	4.49	74.3	5.24	80.9	6.11	88.0	6.87	90.6	7.03	94.1	7.21	96.7	7.34
		25.4	68.6	4.13	74.3	4.90	80.9	5.71	88.0	6.42	90.6	6.58	94.1	6.75	96.7	6.89
		31.8	68.6	4.02	74.3	4.79	80.9	5.59	88.0	6.30	90.6	6.46	94.1	6.63	96.7	6.72
		38.1	68.6	3.96	74.3	4.74	80.9	5.54	88.0	6.24	90.6	6.40	94.1	6.56	96.7	6.64
	113	10.2	61.6	4.91	66.7	5.69	72.6	6.65	79.1	7.47	81.4	7.65	84.5	7.84	86.8	7.99
		12.7	61.6	4.81	66.7	5.60	72.6	6.54	79.1	7.35	81.4	7.53	84.5	7.72	86.8	7.86
		25.4	61.6	4.43	66.7	5.25	72.6	6.12	79.1	6.88	81.4	7.04	84.5	7.23	86.8	7.38
		31.8	61.6	4.31	66.7	5.13	72.6	5.99	79.1	6.74	81.4	6.93	84.5	7.10	86.8	7.20
		38.1	61.6	4.25	66.7	5.07	72.6	5.93	79.1	6.68	81.4	6.87	84.5	7.04	86.8	7.10
110	23	6.7	79.6	1.63	86.4	1.89	94.0	2.22	102.1	2.49	105.1	2.54	109.3	2.62	112.2	2.66
	32	7.5	79.6	1.63	86.4	1.89	94.0	2.22	102.1	2.49	105.1	2.54	109.3	2.62	112.2	2.66
	41	8.6	79.6	1.63	86.4	1.89	94.0	2.22	102.1	2.49	105.1	2.54	109.3	2.62	112.2	2.66
	50	10.2	79.6	1.63	86.4	1.89	94.0	2.22	102.1	2.49	105.1	2.54	109.3	2.62	112.2	2.66
		12.7	79.6	1.60	86.4	1.86	94.0	2.18	102.1	2.45	105.1	2.50	109.3	2.58	112.2	2.62
		25.4	79.6	1.47	86.4	1.74	94.0	2.03	102.1	2.29	105.1	2.36	109.3	2.41	112.2	2.45
		31.8	79.6	1.43	86.4	1.70	94.0	1.98	102.1	2.25	105.1	2.29	109.3	2.36	112.2	2.39
		38.1	79.6	1.41	86.4	1.68	94.0	1.96	102.1	2.24	105.1	2.25	109.3	2.34	112.2	2.36
	59	10.2	79.2	2.19	85.8	2.54	93.4	2.97	101.5	3.34	104.5	3.42	108.6	3.50	111.6	3.56
		12.7	79.2	2.14	85.8	2.50	93.4	2.92	101.5	3.28	104.5	3.36	108.6	3.45	111.6	3.51
		25.4	79.2	1.97	85.8	2.34	93.4	2.72	101.5	3.07	104.5	3.15	108.6	3.23	111.6	3.28
		31.8	79.2	1.92	85.8	2.29	93.4	2.67	101.5	3.01	104.5	3.08	108.6	3.17	111.6	3.21
		38.1	79.2	1.90	85.8	2.27	93.4	2.64	101.5	2.98	104.5	3.05	108.6	3.14	111.6	3.17
	67	10.2	78.8	2.68	85.3	3.12	92.9	3.63	101.0	4.09	104.0	4.19	108.0	4.29	111.1	4.37
		12.7	78.8	2.63	85.3	3.07	92.9	3.57	101.0	4.03	104.0	4.13	108.0	4.22	111.1	4.30
		25.4	78.8	2.42	85.3	2.87	92.9	3.34	101.0	3.77	104.0	3.85	108.0	3.95	111.1	4.03
		31.8	78.8	2.36	85.3	2.81	92.9	3.27	101.0	3.69	104.0	3.79	108.0	3.88	111.1	3.93
		38.1	78.8	2.33	85.3	2.78	92.9	3.24	101.0	3.65	104.0	3.75	108.0	3.85	111.1	3.88
	75	10.2	78.8	3.28	85.3	3.82	92.9	4.45	101.0	5.01	104.0	5.12	108.0	5.25	111.1	5.35
		12.7	78.8	3.22	85.3	3.76	92.9	4.38	101.0	4.93	104.0	5.04	108.0	5.17	111.1	5.27
		25.4	78.8	2.97	85.3	3.52	92.9	4.10	101.0	4.61	104.0	4.72	108.0	4.84	111.1	4.94
		31.8	78.8	2.88	85.3	3.44	92.9	4.01	101.0	4.52	104.0	4.63	108.0	4.75	111.1	4.81
		38.1	78.8	2.84	85.3	3.40	92.9	3.97	101.0	4.48	104.0	4.58	108.0	4.71	111.1	4.75
	86	10.2	78.8	4.00	85.3	4.65	92.9	5.42	101.0	6.11	104.0	6.25	108.0	6.40	111.1	6.52
		12.7	78.8	3.92	85.3	4.58	92.9	5.33	101.0	6.01	104.0	6.15	108.0	6.30	111.1	6.41
		25.4	78.8	3.61	85.3	4.28	92.9	4.98	101.0	5.61	104.0	5.76	108.0	5.90	111.1	6.01
		31.8	78.8	3.52	85.3	4.19	92.9	4.89	101.0	5.51	104.0	5.64	108.0	5.79	111.1	5.86
		38.1	78.8	3.47	85.3	4.15	92.9	4.84	101.0	5.45	104.0	5.58	108.0	5.73	111.1	5.79
	95	10.2	73.4	4.17	79.5	4.84	86.6	5.64	94.1	6.35	96.9	6.50	100.7	6.65	103.5	6.78
		12.7	73.4	4.09	79.5	4.76	86.6	5.55	94.1	6.25	96.9	6.40	100.7	6.55	103.5	6.68
		25.4	73.4	3.76	79.5	4.45	86.6	5.19	94.1	5.84	96.9	5.98	100.7	6.13	103.5	6.25
		31.8	73.4	3.65	79.5	4.36	86.6	5.08	94.1	5.73	96.9	5.87	100.7	6.02	103.5	6.10
		38.1	73.4	3.60	79.5	4.31	86.6	5.03	94.1	5.67	96.9	5.82	100.7	5.96	103.5	6.02

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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COOLING CAPACITY DATA

ARWN096DAS4, ARWB096DAS4

96,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
110	104	10.2	68.0	4.57	73.7	5.32	80.2	6.20	87.2	6.97	89.8	7.14	93.3	7.31	95.9	7.45
		12.7	68.0	4.48	73.7	5.24	80.2	6.10	87.2	6.86	89.8	7.02	93.3	7.20	95.9	7.33
		25.4	68.0	4.13	73.7	4.89	80.2	5.70	87.2	6.41	89.8	6.57	93.3	6.74	95.9	6.87
		31.8	68.0	4.01	73.7	4.78	80.2	5.58	87.2	6.29	89.8	6.45	93.3	6.62	95.9	6.69
		38.1	68.0	3.95	73.7	4.73	80.2	5.53	87.2	6.23	89.8	6.39	93.3	6.55	95.9	6.61
	113	10.2	62.6	4.98	67.9	5.81	73.8	6.76	80.3	7.59	82.7	7.78	85.9	7.97	88.3	8.12
		12.7	62.6	4.88	67.9	5.71	73.8	6.65	80.3	7.47	82.7	7.65	85.9	7.84	88.3	7.99
		25.4	62.6	4.49	67.9	5.32	73.8	6.21	80.3	6.98	82.7	7.16	85.9	7.35	88.3	7.49
		31.8	62.6	4.37	67.9	5.21	73.8	6.09	80.3	6.85	82.7	7.03	85.9	7.22	88.3	7.29
		38.1	62.6	4.30	67.9	5.15	73.8	6.02	80.3	6.78	82.7	6.97	85.9	7.15	88.3	7.20
100	23	6.7	74.9	1.55	81.1	1.80	88.3	2.06	96.0	2.35	98.9	2.38	102.7	2.47	105.6	2.51
	32	7.5	74.9	1.55	81.1	1.80	88.3	2.06	96.0	2.35	98.9	2.38	102.7	2.47	105.6	2.51
	41	8.6	74.9	1.55	81.1	1.80	88.3	2.06	96.0	2.35	98.9	2.38	102.7	2.47	105.6	2.51
	50	10.2	74.9	1.55	81.1	1.80	88.3	2.06	96.0	2.35	98.9	2.38	102.7	2.47	105.6	2.51
		12.7	74.9	1.52	81.1	1.77	88.3	2.03	96.0	2.31	98.9	2.35	102.7	2.43	105.6	2.47
		25.4	74.9	1.39	81.1	1.64	88.3	1.91	96.0	2.17	98.9	2.21	102.7	2.27	105.6	2.31
		31.8	74.9	1.35	81.1	1.61	88.3	1.87	96.0	2.12	98.9	2.17	102.7	2.22	105.6	2.24
		38.1	74.9	1.32	81.1	1.59	88.3	1.84	96.0	2.10	98.9	2.14	102.7	2.20	105.6	2.20
	59	10.2	74.9	2.09	81.1	2.43	88.3	2.82	96.0	3.18	98.9	3.25	102.7	3.34	105.6	3.40
		12.7	74.9	2.05	81.1	2.39	88.3	2.77	96.0	3.13	98.9	3.20	102.7	3.28	105.6	3.34
		25.4	74.9	1.88	81.1	2.23	88.3	2.60	96.0	2.93	98.9	2.99	102.7	3.07	105.6	3.13
		31.8	74.9	1.83	81.1	2.18	88.3	2.54	96.0	2.87	98.9	2.94	102.7	3.01	105.6	3.04
		38.1	74.9	1.80	81.1	2.16	88.3	2.51	96.0	2.84	98.9	2.91	102.7	2.98	105.6	3.00
	67	10.2	74.9	2.57	81.1	2.98	88.3	3.49	96.0	3.92	98.9	4.02	102.7	4.11	105.6	4.18
		12.7	74.9	2.52	81.1	2.94	88.3	3.43	96.0	3.85	98.9	3.95	102.7	4.05	105.6	4.12
		25.4	74.9	2.32	81.1	2.75	88.3	3.21	96.0	3.60	98.9	3.69	102.7	3.79	105.6	3.85
		31.8	74.9	2.25	81.1	2.70	88.3	3.14	96.0	3.54	98.9	3.62	102.7	3.72	105.6	3.76
		38.1	74.9	2.22	81.1	2.67	88.3	3.11	96.0	3.50	98.9	3.59	102.7	3.69	105.6	3.71
	75	10.2	74.9	3.13	81.1	3.64	88.3	4.24	96.0	4.78	98.9	4.90	102.7	5.02	105.6	5.10
		12.7	74.9	3.07	81.1	3.58	88.3	4.17	96.0	4.70	98.9	4.82	102.7	4.94	105.6	5.02
		25.4	74.9	2.83	81.1	3.35	88.3	3.90	96.0	4.40	98.9	4.50	102.7	4.62	105.6	4.70
		31.8	74.9	2.75	81.1	3.28	88.3	3.83	96.0	4.31	98.9	4.41	102.7	4.53	105.6	4.58
		38.1	74.9	2.71	81.1	3.25	88.3	3.79	96.0	4.26	98.9	4.37	102.7	4.49	105.6	4.52
	86	10.2	74.9	3.85	81.1	4.49	88.3	5.22	96.0	5.88	98.9	6.02	102.7	6.16	105.6	6.28
		12.7	74.9	3.78	81.1	4.41	88.3	5.14	96.0	5.79	98.9	5.92	102.7	6.07	105.6	6.18
		25.4	74.9	3.48	81.1	4.13	88.3	4.80	96.0	5.41	98.9	5.54	102.7	5.68	105.6	5.79
		31.8	74.9	3.38	81.1	4.04	88.3	4.70	96.0	5.30	98.9	5.44	102.7	5.57	105.6	5.63
		38.1	74.9	3.33	81.1	3.99	88.3	4.66	96.0	5.25	98.9	5.39	102.7	5.52	105.6	5.55
	95	10.2	71.2	4.07	77.1	4.73	83.9	5.51	91.2	6.21	93.9	6.35	97.6	6.51	100.3	6.63
		12.7	71.2	3.99	77.1	4.66	83.9	5.42	91.2	6.11	93.9	6.25	97.6	6.41	100.3	6.52
		25.4	71.2	3.67	77.1	4.36	83.9	5.07	91.2	5.71	93.9	5.84	97.6	6.00	100.3	6.11
		31.8	71.2	3.57	77.1	4.26	83.9	4.97	91.2	5.60	93.9	5.74	97.6	5.88	100.3	5.94
		38.1	71.2	3.53	77.1	4.21	83.9	4.91	91.2	5.55	93.9	5.68	97.6	5.82	100.3	5.86
	104	10.2	67.4	4.58	73.0	5.31	79.5	6.19	86.4	6.96	89.0	7.13	92.5	7.30	95.0	7.43
		12.7	67.4	4.48	73.0	5.23	79.5	6.09	86.4	6.85	89.0	7.01	92.5	7.19	95.0	7.31
		25.4	67.4	4.12	73.0	4.89	79.5	5.69	86.4	6.41	89.0	6.56	92.5	6.72	95.0	6.85
		31.8	67.4	4.01	73.0	4.78	79.5	5.57	86.4	6.28	89.0	6.43	92.5	6.60	95.0	6.67
		38.1	67.4	3.96	73.0	4.73	79.5	5.52	86.4	6.22	89.0	6.37	92.5	6.53	95.0	6.57
	113	10.2	63.6	5.08	68.9	5.89	75.1	6.87	81.6	7.72	84.1	7.90	87.4	8.10	89.7	8.23
		12.7	63.6	4.98	68.9	5.80	75.1	6.75	81.6	7.59	84.1	7.78	87.4	7.97	89.7	8.11
		25.4	63.6	4.56	68.9	5.42	75.1	6.31	81.6	7.10	84.1	7.27	87.4	7.45	89.7	7.59
		31.8	63.6	4.44	68.9	5.30	75.1	6.18	81.6	6.96	84.1	7.13	87.4	7.31	89.7	7.39
		38.1	63.6	4.39	68.9	5.25	75.1	6.12	81.6	6.88	84.1	7.06	87.4	7.25	89.7	7.29
90	23	6.7	67.4	1.31	73.0	1.53	79.5	1.78	86.4	2.02	89.0	2.06	92.5	2.10	95.0	2.16
	32	7.5	67.4	1.31	73.0	1.53	79.5	1.78	86.4	2.02	89.0	2.06	92.5	2.10	95.0	2.16
	41	8.6	67.4	1.31	73.0	1.53	79.5	1.78	86.4	2.02	89.0	2.06	92.5	2.10	95.0	2.16
	50	10.2	67.4	1.31	73.0	1.53	79.5	1.78	86.4	2.02	89.0	2.06	92.5	2.10	95.0	2.16
		12.7	67.4	1.29	73.0	1.50	79.5	1.76	86.4	1.99	89.0	2.03	92.5	2.07	95.0	2.13
		25.4	67.4	1.20	73.0	1.42	79.5	1.64	86.4	1.87	89.0	1.91	92.5	1.96	95.0	1.99
		31.8	67.4	1.16	73.0	1.37	79.5	1.62	86.4	1.81	89.0	1.87	92.5	1.92	95.0	1.92
		38.1	67.4	1.14	73.0	1.35	79.5	1.60	86.4	1.78	89.0	1.85	92.5	1.91	95.0	1.89

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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COOLING CAPACITY DATA

ARWN096DAS4, ARWB096DAS4

96,000 Btu/h, 460V Heat Pump and Heat Recovery Units

MULTI V WATER IV

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
90	59	10.2	67.4	1.79	73.0	2.08	79.5	2.43	86.4	2.74	89.0	2.80	92.5	2.86	95.0	2.93
		12.7	67.4	1.76	73.0	2.05	79.5	2.39	86.4	2.70	89.0	2.75	92.5	2.82	95.0	2.88
		25.4	67.4	1.62	73.0	1.92	79.5	2.23	86.4	2.52	89.0	2.58	92.5	2.65	95.0	2.70
		31.8	67.4	1.57	73.0	1.87	79.5	2.19	86.4	2.46	89.0	2.53	92.5	2.60	95.0	2.62
		38.1	67.4	1.55	73.0	1.85	79.5	2.17	86.4	2.43	89.0	2.51	92.5	2.57	95.0	2.58
	67	10.2	67.4	2.22	73.0	2.57	79.5	3.00	86.4	3.38	89.0	3.46	92.5	3.55	95.0	3.60
		12.7	67.4	2.17	73.0	2.53	79.5	2.95	86.4	3.32	89.0	3.40	92.5	3.49	95.0	3.55
		25.4	67.4	2.00	73.0	2.37	79.5	2.75	86.4	3.10	89.0	3.18	92.5	3.26	95.0	3.32
		31.8	67.4	1.94	73.0	2.32	79.5	2.71	86.4	3.04	89.0	3.12	92.5	3.20	95.0	3.24
		38.1	67.4	1.91	73.0	2.29	79.5	2.68	86.4	3.01	89.0	3.09	92.5	3.17	95.0	3.19
	75	10.2	67.4	2.70	73.0	3.14	79.5	3.65	86.4	4.11	89.0	4.21	92.5	4.32	95.0	4.40
		12.7	67.4	2.65	73.0	3.09	79.5	3.59	86.4	4.05	89.0	4.14	92.5	4.25	95.0	4.33
		25.4	67.4	2.43	73.0	2.89	79.5	3.36	86.4	3.79	89.0	3.87	92.5	3.98	95.0	4.05
		31.8	67.4	2.37	73.0	2.82	79.5	3.29	86.4	3.71	89.0	3.81	92.5	3.90	95.0	3.94
		38.1	67.4	2.33	73.0	2.79	79.5	3.26	86.4	3.67	89.0	3.77	92.5	3.86	95.0	3.89
	86	10.2	67.4	3.32	73.0	3.86	79.5	4.50	86.4	5.07	89.0	5.18	92.5	5.31	95.0	5.41
		12.7	67.4	3.26	73.0	3.80	79.5	4.42	86.4	4.98	89.0	5.10	92.5	5.23	95.0	5.32
		25.4	67.4	2.99	73.0	3.55	79.5	4.13	86.4	4.66	89.0	4.77	92.5	4.89	95.0	4.98
		31.8	67.4	2.91	73.0	3.48	79.5	4.05	86.4	4.57	89.0	4.68	92.5	4.80	95.0	4.85
		38.1	67.4	2.86	73.0	3.44	79.5	4.00	86.4	4.53	89.0	4.63	92.5	4.76	95.0	4.79
	95	10.2	65.6	3.59	71.0	4.16	77.3	4.85	84.0	5.46	86.5	5.59	89.9	5.72	92.4	5.83
		12.7	65.6	3.52	71.0	4.10	77.3	4.77	84.0	5.37	86.5	5.50	89.9	5.63	92.4	5.74
		25.4	65.6	3.23	71.0	3.83	77.3	4.46	84.0	5.02	86.5	5.14	89.9	5.27	92.4	5.37
		31.8	65.6	3.14	71.0	3.75	77.3	4.37	84.0	4.93	86.5	5.05	89.9	5.18	92.4	5.23
		38.1	65.6	3.10	71.0	3.71	77.3	4.32	84.0	4.88	86.5	5.01	89.9	5.13	92.4	5.15
	104	10.2	63.7	4.12	69.0	4.78	75.1	5.57	81.6	6.28	84.1	6.42	87.3	6.58	89.8	6.69
		12.7	63.7	4.04	69.0	4.70	75.1	5.48	81.6	6.17	84.1	6.32	87.3	6.47	89.8	6.59
		25.4	63.7	3.71	69.0	4.40	75.1	5.13	81.6	5.77	84.1	5.91	87.3	6.06	89.8	6.17
		31.8	63.7	3.60	69.0	4.31	75.1	5.02	81.6	5.66	84.1	5.80	87.3	5.95	89.8	6.01
		38.1	63.7	3.55	69.0	4.26	75.1	4.97	81.6	5.61	84.1	5.74	87.3	5.90	89.8	5.93
	113	10.2	61.8	4.65	67.0	5.40	72.9	6.28	79.2	7.09	81.7	7.25	84.7	7.43	87.2	7.56
		12.7	61.8	4.56	67.0	5.31	72.9	6.18	79.2	6.98	81.7	7.14	84.7	7.31	87.2	7.44
		25.4	61.8	4.19	67.0	4.97	72.9	5.80	79.2	6.51	81.7	6.69	84.7	6.84	87.2	6.98
		31.8	61.8	4.07	67.0	4.87	72.9	5.68	79.2	6.40	81.7	6.54	84.7	6.72	87.2	6.79
		38.1	61.8	4.00	67.0	4.82	72.9	5.62	79.2	6.34	81.7	6.47	84.7	6.67	87.2	6.70
80	23	6.7	59.9	1.12	64.9	1.28	70.7	1.49	76.8	1.70	79.1	1.73	82.2	1.78	84.5	1.79
	32	7.5	59.9	1.12	64.9	1.28	70.7	1.49	76.8	1.70	79.1	1.73	82.2	1.78	84.5	1.79
	41	8.6	59.9	1.12	64.9	1.28	70.7	1.49	76.8	1.70	79.1	1.73	82.2	1.78	84.5	1.79
	50	10.2	59.9	1.12	64.9	1.28	70.7	1.49	76.8	1.70	79.1	1.73	82.2	1.78	84.5	1.79
		12.7	59.9	1.10	64.9	1.26	70.7	1.47	76.8	1.67	79.1	1.70	82.2	1.75	84.5	1.76
		25.4	59.9	0.99	64.9	1.20	70.7	1.39	76.8	1.55	79.1	1.60	82.2	1.63	84.5	1.65
		31.8	59.9	0.99	64.9	1.16	70.7	1.36	76.8	1.52	79.1	1.55	82.2	1.60	84.5	1.62
		38.1	59.9	0.98	64.9	1.14	70.7	1.34	76.8	1.51	79.1	1.53	82.2	1.58	84.5	1.60
	59	10.2	59.9	1.51	64.9	1.75	70.7	2.03	76.8	2.30	79.1	2.35	82.2	2.41	84.5	2.44
		12.7	59.9	1.48	64.9	1.72	70.7	2.00	76.8	2.26	79.1	2.31	82.2	2.37	84.5	2.41
		25.4	59.9	1.35	64.9	1.61	70.7	1.87	76.8	2.11	79.1	2.16	82.2	2.21	84.5	2.25
		31.8	59.9	1.32	64.9	1.57	70.7	1.84	76.8	2.07	79.1	2.12	82.2	2.17	84.5	2.19
		38.1	59.9	1.31	64.9	1.56	70.7	1.82	76.8	2.05	79.1	2.09	82.2	2.15	84.5	2.16
	67	10.2	59.9	1.85	64.9	2.16	70.7	2.51	76.8	2.83	79.1	2.90	82.2	2.96	84.5	3.02
		12.7	59.9	1.82	64.9	2.13	70.7	2.47	76.8	2.78	79.1	2.85	82.2	2.92	84.5	2.98
		25.4	59.9	1.67	64.9	1.98	70.7	2.31	76.8	2.60	79.1	2.67	82.2	2.73	84.5	2.78
		31.8	59.9	1.62	64.9	1.94	70.7	2.26	76.8	2.55	79.1	2.62	82.2	2.69	84.5	2.71
		38.1	59.9	1.60	64.9	1.92	70.7	2.24	76.8	2.53	79.1	2.59	82.2	2.66	84.5	2.67
	75	10.2	59.9	2.27	64.9	2.63	70.7	3.06	76.8	3.44	79.1	3.54	82.2	3.62	84.5	3.68
		12.7	59.9	2.22	64.9	2.59	70.7	3.01	76.8	3.39	79.1	3.48	82.2	3.56	84.5	3.62
		25.4	59.9	2.04	64.9	2.42	70.7	2.82	76.8	3.18	79.1	3.25	82.2	3.33	84.5	3.39
		31.8	59.9	1.98	64.9	2.37	70.7	2.76	76.8	3.11	79.1	3.19	82.2	3.27	84.5	3.30
		38.1	59.9	1.95	64.9	2.34	70.7	2.73	76.8	3.08	79.1	3.16	82.2	3.25	84.5	3.26

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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COOLING CAPACITY DATA

ARWN096DAS4, ARWB096DAS4

96,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
80	86	10.2	59.9	2.78	64.9	3.23	70.7	3.77	76.8	4.24	79.1	4.34	82.2	4.45	84.5	4.54
		12.7	59.9	2.72	64.9	3.18	70.7	3.71	76.8	4.17	79.1	4.27	82.2	4.38	84.5	4.46
		25.4	59.9	2.51	64.9	2.98	70.7	3.47	76.8	3.90	79.1	4.00	82.2	4.10	84.5	4.17
		31.8	59.9	2.44	64.9	2.91	70.7	3.39	76.8	3.83	79.1	3.92	82.2	4.02	84.5	4.07
		38.1	59.9	2.41	64.9	2.87	70.7	3.35	76.8	3.79	79.1	3.88	82.2	3.98	84.5	4.01
	95	10.2	59.9	3.09	64.9	3.59	70.7	4.18	76.8	4.71	79.1	4.83	82.2	4.95	84.5	5.04
		12.7	59.9	3.03	64.9	3.54	70.7	4.12	76.8	4.64	79.1	4.75	82.2	4.87	84.5	4.96
		25.4	59.9	2.79	64.9	3.30	70.7	3.85	76.8	4.34	79.1	4.44	82.2	4.55	84.5	4.64
		31.8	59.9	2.71	64.9	3.24	70.7	3.78	76.8	4.25	79.1	4.36	82.2	4.47	84.5	4.51
		38.1	59.9	2.68	64.9	3.20	70.7	3.74	76.8	4.21	79.1	4.31	82.2	4.43	84.5	4.45
	104	10.2	59.9	3.67	64.9	4.26	70.7	4.96	76.8	5.59	79.1	5.72	82.2	5.86	84.5	5.96
		12.7	59.9	3.59	64.9	4.19	70.7	4.88	76.8	5.50	79.1	5.62	82.2	5.77	84.5	5.86
		25.4	59.9	3.30	64.9	3.91	70.7	4.56	76.8	5.14	79.1	5.26	82.2	5.39	84.5	5.49
		31.8	59.9	3.21	64.9	3.84	70.7	4.46	76.8	5.03	79.1	5.16	82.2	5.29	84.5	5.34
		38.1	59.9	3.16	64.9	3.80	70.7	4.41	76.8	4.98	79.1	5.11	82.2	5.25	84.5	5.27
	113	10.2	59.9	4.24	64.9	4.93	70.7	5.74	76.8	6.46	79.1	6.60	82.2	6.78	84.5	6.88
		12.7	59.9	4.15	64.9	4.85	70.7	5.64	76.8	6.36	79.1	6.49	82.2	6.67	84.5	6.77
		25.4	59.9	3.82	64.9	4.52	70.7	5.27	76.8	5.94	79.1	6.07	82.2	6.23	84.5	6.34
		31.8	59.9	3.70	64.9	4.43	70.7	5.15	76.8	5.82	79.1	5.96	82.2	6.12	84.5	6.17
		38.1	59.9	3.64	64.9	4.39	70.7	5.09	76.8	5.75	79.1	5.91	82.2	6.06	84.5	6.09
70	23	6.7	52.5	0.92	56.8	1.07	61.9	1.23	67.2	1.39	69.2	1.45	71.9	1.48	73.9	1.49
	32	7.5	52.5	0.92	56.8	1.07	61.9	1.23	67.2	1.39	69.2	1.45	71.9	1.48	73.9	1.49
	41	8.6	52.5	0.92	56.8	1.07	61.9	1.23	67.2	1.39	69.2	1.45	71.9	1.48	73.9	1.49
	50	10.2	52.5	0.92	56.8	1.07	61.9	1.23	67.2	1.39	69.2	1.45	71.9	1.48	73.9	1.49
		12.7	52.5	0.90	56.8	1.05	61.9	1.22	67.2	1.37	69.2	1.42	71.9	1.46	73.9	1.47
		25.4	52.5	0.84	56.8	0.97	61.9	1.14	67.2	1.30	69.2	1.33	71.9	1.37	73.9	1.39
		31.8	52.5	0.82	56.8	0.96	61.9	1.12	67.2	1.26	69.2	1.29	71.9	1.33	73.9	1.35
		38.1	52.5	0.81	56.8	0.95	61.9	1.12	67.2	1.24	69.2	1.27	71.9	1.31	73.9	1.33
	59	10.2	52.5	1.25	56.8	1.45	61.9	1.69	67.2	1.90	69.2	1.95	71.9	2.00	73.9	2.03
		12.7	52.5	1.23	56.8	1.43	61.9	1.66	67.2	1.87	69.2	1.92	71.9	1.97	73.9	2.00
		25.4	52.5	1.13	56.8	1.33	61.9	1.56	67.2	1.76	69.2	1.80	71.9	1.85	73.9	1.87
		31.8	52.5	1.10	56.8	1.30	61.9	1.53	67.2	1.72	69.2	1.76	71.9	1.81	73.9	1.83
		38.1	52.5	1.09	56.8	1.29	61.9	1.51	67.2	1.70	69.2	1.74	71.9	1.79	73.9	1.80
	67	10.2	52.5	1.55	56.8	1.80	61.9	2.09	67.2	2.36	69.2	2.41	71.9	2.46	73.9	2.51
		12.7	52.5	1.52	56.8	1.77	61.9	2.06	67.2	2.32	69.2	2.37	71.9	2.42	73.9	2.47
		25.4	52.5	1.39	56.8	1.65	61.9	1.92	67.2	2.16	69.2	2.21	71.9	2.27	73.9	2.31
		31.8	52.5	1.35	56.8	1.61	61.9	1.88	67.2	2.13	69.2	2.17	71.9	2.23	73.9	2.25
		38.1	52.5	1.33	56.8	1.59	61.9	1.86	67.2	2.11	69.2	2.15	71.9	2.21	73.9	2.22
	75	10.2	52.5	1.88	56.8	2.19	61.9	2.54	67.2	2.87	69.2	2.93	71.9	3.00	73.9	3.06
		12.7	52.5	1.85	56.8	2.15	61.9	2.50	67.2	2.82	69.2	2.89	71.9	2.96	73.9	3.01
		25.4	52.5	1.70	56.8	2.01	61.9	2.35	67.2	2.64	69.2	2.71	71.9	2.77	73.9	2.82
		31.8	52.5	1.65	56.8	1.97	61.9	2.30	67.2	2.59	69.2	2.65	71.9	2.71	73.9	2.74
		38.1	52.5	1.63	56.8	1.95	61.9	2.27	67.2	2.56	69.2	2.62	71.9	2.69	73.9	2.70
	86	10.2	52.5	2.32	56.8	2.69	61.9	3.13	67.2	3.52	69.2	3.61	71.9	3.70	73.9	3.77
		12.7	52.5	2.27	56.8	2.65	61.9	3.08	67.2	3.47	69.2	3.56	71.9	3.64	73.9	3.71
		25.4	52.5	2.09	56.8	2.47	61.9	2.88	67.2	3.25	69.2	3.32	71.9	3.41	73.9	3.47
		31.8	52.5	2.03	56.8	2.42	61.9	2.82	67.2	3.18	69.2	3.27	71.9	3.34	73.9	3.38
		38.1	52.5	2.00	56.8	2.40	61.9	2.79	67.2	3.14	69.2	3.24	71.9	3.31	73.9	3.34
	95	10.2	52.5	2.57	56.8	2.98	61.9	3.49	67.2	3.92	69.2	4.02	71.9	4.11	73.9	4.18
		12.7	52.5	2.52	56.8	2.94	61.9	3.43	67.2	3.85	69.2	3.95	71.9	4.05	73.9	4.12
		25.4	52.5	2.32	56.8	2.75	61.9	3.20	67.2	3.60	69.2	3.69	71.9	3.79	73.9	3.85
		31.8	52.5	2.25	56.8	2.69	61.9	3.14	67.2	3.54	69.2	3.62	71.9	3.72	73.9	3.76
		38.1	52.5	2.22	56.8	2.65	61.9	3.11	67.2	3.50	69.2	3.59	71.9	3.69	73.9	3.71
	104	10.2	52.5	3.05	56.8	3.53	61.9	4.12	67.2	4.65	69.2	4.75	71.9	4.87	73.9	4.96
		12.7	52.5	2.99	56.8	3.48	61.9	4.06	67.2	4.57	69.2	4.68	71.9	4.79	73.9	4.88
		25.4	52.5	2.74	56.8	3.26	61.9	3.80	67.2	4.27	69.2	4.38	71.9	4.48	73.9	4.57
		31.8	52.5	2.67	56.8	3.19	61.9	3.71	67.2	4.18	69.2	4.29	71.9	4.41	73.9	4.44
		38.1	52.5	2.63	56.8	3.15	61.9	3.67	67.2	4.14	69.2	4.25	71.9	4.37	73.9	4.38

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

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COOLING CAPACITY DATA

ARWN096DAS4, ARWB096DAS4

96,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
70	113	10.2	52.5	3.52	56.8	4.08	61.9	4.76	67.2	5.37	69.2	5.49	71.9	5.63	73.9	5.73
		12.7	52.5	3.45	56.8	4.02	61.9	4.69	67.2	5.28	69.2	5.40	71.9	5.54	73.9	5.64
		25.4	52.5	3.17	56.8	3.76	61.9	4.40	67.2	4.94	69.2	5.06	71.9	5.18	73.9	5.28
		31.8	52.5	3.08	56.8	3.69	61.9	4.28	67.2	4.83	69.2	4.96	71.9	5.09	73.9	5.13
		38.1	52.5	3.04	56.8	3.66	61.9	4.22	67.2	4.78	69.2	4.90	71.9	5.05	73.9	5.05
60	23	6.7	44.9	0.73	48.7	0.85	53.0	0.98	57.6	1.13	59.4	1.16	61.7	1.17	63.4	1.19
	32	7.5	44.9	0.73	48.7	0.85	53.0	0.98	57.6	1.13	59.4	1.16	61.7	1.17	63.4	1.19
	41	8.6	44.9	0.73	48.7	0.85	53.0	0.98	57.6	1.13	59.4	1.16	61.7	1.17	63.4	1.19
	50	10.2	44.9	0.73	48.7	0.85	53.0	0.98	57.6	1.13	59.4	1.16	61.7	1.17	63.4	1.19
		12.7	44.9	0.71	48.7	0.84	53.0	0.96	57.6	1.11	59.4	1.13	61.7	1.15	63.4	1.17
		25.4	44.9	0.66	48.7	0.78	53.0	0.92	57.6	1.03	59.4	1.05	61.7	1.09	63.4	1.11
		31.8	44.9	0.63	48.7	0.77	53.0	0.90	57.6	1.01	59.4	1.03	61.7	1.06	63.4	1.08
		38.1	44.9	0.62	48.7	0.77	53.0	0.89	57.6	1.00	59.4	1.02	61.7	1.04	63.4	1.06
	59	10.2	44.9	1.00	48.7	1.16	53.0	1.34	57.6	1.52	59.4	1.56	61.7	1.59	63.4	1.62
		12.7	44.9	0.98	48.7	1.14	53.0	1.32	57.6	1.50	59.4	1.54	61.7	1.57	63.4	1.59
		25.4	44.9	0.90	48.7	1.06	53.0	1.25	57.6	1.40	59.4	1.43	61.7	1.47	63.4	1.50
		31.8	44.9	0.87	48.7	1.04	53.0	1.22	57.6	1.37	59.4	1.40	61.7	1.44	63.4	1.46
		38.1	44.9	0.85	48.7	1.03	53.0	1.20	57.6	1.36	59.4	1.39	61.7	1.42	63.4	1.44
	67	10.2	44.9	1.23	48.7	1.43	53.0	1.67	57.6	1.87	59.4	1.93	61.7	1.96	63.4	2.00
		12.7	44.9	1.21	48.7	1.41	53.0	1.64	57.6	1.85	59.4	1.89	61.7	1.93	63.4	1.97
		25.4	44.9	1.11	48.7	1.31	53.0	1.54	57.6	1.73	59.4	1.77	61.7	1.81	63.4	1.85
		31.8	44.9	1.08	48.7	1.28	53.0	1.50	57.6	1.69	59.4	1.73	61.7	1.78	63.4	1.80
		38.1	44.9	1.07	48.7	1.27	53.0	1.48	57.6	1.67	59.4	1.71	61.7	1.76	63.4	1.77
	75	10.2	44.9	1.50	48.7	1.75	53.0	2.03	57.6	2.29	59.4	2.34	61.7	2.39	63.4	2.44
		12.7	44.9	1.47	48.7	1.72	53.0	2.00	57.6	2.25	59.4	2.30	61.7	2.36	63.4	2.41
		25.4	44.9	1.35	48.7	1.60	53.0	1.86	57.6	2.11	59.4	2.15	61.7	2.21	63.4	2.25
		31.8	44.9	1.31	48.7	1.57	53.0	1.83	57.6	2.06	59.4	2.12	61.7	2.16	63.4	2.19
		38.1	44.9	1.29	48.7	1.55	53.0	1.81	57.6	2.03	59.4	2.10	61.7	2.14	63.4	2.16
	86	10.2	44.9	1.84	48.7	2.14	53.0	2.49	57.6	2.81	59.4	2.88	61.7	2.94	63.4	3.00
		12.7	44.9	1.81	48.7	2.11	53.0	2.45	57.6	2.76	59.4	2.83	61.7	2.90	63.4	2.96
		25.4	44.9	1.66	48.7	1.97	53.0	2.30	57.6	2.59	59.4	2.65	61.7	2.71	63.4	2.76
		31.8	44.9	1.61	48.7	1.93	53.0	2.25	57.6	2.54	59.4	2.60	61.7	2.67	63.4	2.70
		38.1	44.9	1.59	48.7	1.91	53.0	2.23	57.6	2.52	59.4	2.57	61.7	2.64	63.4	2.66
	95	10.2	44.9	2.05	48.7	2.39	53.0	2.78	57.6	3.12	59.4	3.20	61.7	3.28	63.4	3.34
		12.7	44.9	2.01	48.7	2.35	53.0	2.73	57.6	3.07	59.4	3.15	61.7	3.23	63.4	3.28
		25.4	44.9	1.85	48.7	2.19	53.0	2.55	57.6	2.88	59.4	2.95	61.7	3.01	63.4	3.07
		31.8	44.9	1.80	48.7	2.14	53.0	2.50	57.6	2.82	59.4	2.89	61.7	2.97	63.4	2.99
		38.1	44.9	1.77	48.7	2.12	53.0	2.48	57.6	2.79	59.4	2.86	61.7	2.94	63.4	2.96
	104	10.2	44.9	2.42	48.7	2.82	53.0	3.29	57.6	3.70	59.4	3.79	61.7	3.88	63.4	3.96
		12.7	44.9	2.38	48.7	2.77	53.0	3.24	57.6	3.64	59.4	3.73	61.7	3.82	63.4	3.89
		25.4	44.9	2.19	48.7	2.60	53.0	3.02	57.6	3.40	59.4	3.49	61.7	3.57	63.4	3.64
		31.8	44.9	2.13	48.7	2.54	53.0	2.97	57.6	3.33	59.4	3.42	61.7	3.51	63.4	3.55
		38.1	44.9	2.09	48.7	2.51	53.0	2.94	57.6	3.30	59.4	3.39	61.7	3.47	63.4	3.50
	113	10.2	44.9	2.79	48.7	3.25	53.0	3.80	57.6	4.29	59.4	4.38	61.7	4.47	63.4	4.58
		12.7	44.9	2.74	48.7	3.20	53.0	3.74	57.6	4.21	59.4	4.31	61.7	4.41	63.4	4.50
		25.4	44.9	2.54	48.7	3.00	53.0	3.50	57.6	3.92	59.4	4.03	61.7	4.13	63.4	4.21
		31.8	44.9	2.45	48.7	2.94	53.0	3.43	57.6	3.84	59.4	3.95	61.7	4.05	63.4	4.10
		38.1	44.9	2.41	48.7	2.90	53.0	3.40	57.6	3.81	59.4	3.91	61.7	4.00	63.4	4.04
50	23	6.7	37.4	0.54	40.5	0.63	44.1	0.76	48.1	0.83	49.5	0.84	51.4	0.88	52.8	0.89
	32	7.5	37.4	0.54	40.5	0.63	44.1	0.76	48.1	0.83	49.5	0.84	51.4	0.88	52.8	0.89
	41	8.6	37.4	0.54	40.5	0.63	44.1	0.76	48.1	0.83	49.5	0.84	51.4	0.88	52.8	0.89
	50	10.2	37.4	0.54	40.5	0.63	44.1	0.76	48.1	0.83	49.5	0.84	51.4	0.88	52.8	0.89
		12.7	37.4	0.53	40.5	0.62	44.1	0.75	48.1	0.82	49.5	0.84	51.4	0.86	52.8	0.87
		25.4	37.4	0.48	40.5	0.59	44.1	0.69	48.1	0.77	49.5	0.80	51.4	0.80	52.8	0.82
		31.8	37.4	0.47	40.5	0.59	44.1	0.67	48.1	0.75	49.5	0.76	51.4	0.79	52.8	0.79
		38.1	37.4	0.47	40.5	0.59	44.1	0.66	48.1	0.74	49.5	0.74	51.4	0.79	52.8	0.77

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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COOLING CAPACITY DATA

ARWN096DAS4, ARWB096DAS4

96,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
50	59	10.2	37.4	0.74	40.5	0.86	44.1	1.01	48.1	1.13	49.5	1.16	51.4	1.19	52.8	1.21
		12.7	37.4	0.72	40.5	0.85	44.1	1.00	48.1	1.11	49.5	1.14	51.4	1.17	52.8	1.19
		25.4	37.4	0.67	40.5	0.79	44.1	0.93	48.1	1.04	49.5	1.07	51.4	1.09	52.8	1.11
		31.8	37.4	0.65	40.5	0.78	44.1	0.91	48.1	1.02	49.5	1.04	51.4	1.07	52.8	1.08
		38.1	37.4	0.64	40.5	0.78	44.1	0.90	48.1	1.01	49.5	1.03	51.4	1.06	52.8	1.07
	67	10.2	37.4	0.92	40.5	1.07	44.1	1.24	48.1	1.39	49.5	1.43	51.4	1.46	52.8	1.49
		12.7	37.4	0.90	40.5	1.05	44.1	1.22	48.1	1.37	49.5	1.41	51.4	1.44	52.8	1.47
		25.4	37.4	0.83	40.5	0.98	44.1	1.14	48.1	1.28	49.5	1.31	51.4	1.35	52.8	1.37
		31.8	37.4	0.80	40.5	0.96	44.1	1.12	48.1	1.27	49.5	1.29	51.4	1.32	52.8	1.34
		38.1	37.4	0.79	40.5	0.95	44.1	1.11	48.1	1.26	49.5	1.28	51.4	1.31	52.8	1.33
	75	10.2	37.4	1.11	40.5	1.29	44.1	1.51	48.1	1.71	49.5	1.75	51.4	1.79	52.8	1.81
		12.7	37.4	1.09	40.5	1.28	44.1	1.49	48.1	1.68	49.5	1.72	51.4	1.76	52.8	1.79
		25.4	37.4	1.00	40.5	1.20	44.1	1.39	48.1	1.57	49.5	1.60	51.4	1.64	52.8	1.68
		31.8	37.4	0.98	40.5	1.17	44.1	1.36	48.1	1.54	49.5	1.57	51.4	1.61	52.8	1.63
		38.1	37.4	0.96	40.5	1.15	44.1	1.35	48.1	1.52	49.5	1.56	51.4	1.60	52.8	1.61
	86	10.2	37.4	1.38	40.5	1.60	44.1	1.87	48.1	2.10	49.5	2.15	51.4	2.20	52.8	2.24
		12.7	37.4	1.35	40.5	1.57	44.1	1.84	48.1	2.07	49.5	2.12	51.4	2.16	52.8	2.20
		25.4	37.4	1.24	40.5	1.47	44.1	1.71	48.1	1.93	49.5	1.97	51.4	2.03	52.8	2.06
		31.8	37.4	1.21	40.5	1.44	44.1	1.68	48.1	1.89	49.5	1.94	51.4	1.99	52.8	2.01
		38.1	37.4	1.19	40.5	1.42	44.1	1.67	48.1	1.87	49.5	1.93	51.4	1.97	52.8	1.99
	95	10.2	37.4	1.53	40.5	1.78	44.1	2.07	48.1	2.33	49.5	2.39	51.4	2.44	52.8	2.48
		12.7	37.4	1.50	40.5	1.75	44.1	2.04	48.1	2.29	49.5	2.35	51.4	2.41	52.8	2.44
		25.4	37.4	1.38	40.5	1.63	44.1	1.90	48.1	2.14	49.5	2.19	51.4	2.25	52.8	2.29
		31.8	37.4	1.34	40.5	1.60	44.1	1.86	48.1	2.11	49.5	2.15	51.4	2.21	52.8	2.23
		38.1	37.4	1.32	40.5	1.59	44.1	1.85	48.1	2.09	49.5	2.13	51.4	2.19	52.8	2.20
	104	10.2	37.4	1.81	40.5	2.10	44.1	2.46	48.1	2.76	49.5	2.83	51.4	2.90	52.8	2.94
		12.7	37.4	1.78	40.5	2.07	44.1	2.42	48.1	2.71	49.5	2.78	51.4	2.85	52.8	2.90
		25.4	37.4	1.63	40.5	1.93	44.1	2.25	48.1	2.54	49.5	2.60	51.4	2.67	52.8	2.71
		31.8	37.4	1.58	40.5	1.89	44.1	2.21	48.1	2.49	49.5	2.55	51.4	2.62	52.8	2.64
		38.1	37.4	1.56	40.5	1.87	44.1	2.19	48.1	2.47	49.5	2.53	51.4	2.59	52.8	2.60
	113	10.2	37.4	2.10	40.5	2.43	44.1	2.84	48.1	3.19	49.5	3.27	51.4	3.35	52.8	3.41
		12.7	37.4	2.06	40.5	2.39	44.1	2.79	48.1	3.14	49.5	3.22	51.4	3.29	52.8	3.35
		25.4	37.4	1.88	40.5	2.23	44.1	2.60	48.1	2.94	49.5	3.00	51.4	3.08	52.8	3.14
		31.8	37.4	1.83	40.5	2.18	44.1	2.56	48.1	2.88	49.5	2.95	51.4	3.02	52.8	3.04
		38.1	37.4	1.80	40.5	2.16	44.1	2.54	48.1	2.85	49.5	2.92	51.4	2.99	52.8	2.99

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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COOLING CAPACITY DATA

ARWN121DAS4, ARWB121DAS4

121,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
130	23	8.1	111.5	2.32	120.8	2.70	131.5	3.16	142.9	3.55	147.3	3.63	152.9	3.73	157.3	3.80
	32	9.0	111.5	2.32	120.8	2.70	131.5	3.16	142.9	3.55	147.3	3.63	152.9	3.73	157.3	3.80
	41	10.4	111.5	2.32	120.8	2.70	131.5	3.16	142.9	3.55	147.3	3.63	152.9	3.73	157.3	3.80
	50	12.2	111.5	2.32	120.8	2.70	131.5	3.16	142.9	3.55	147.3	3.63	152.9	3.73	157.3	3.80
		15.2	111.5	2.28	120.8	2.66	131.5	3.11	142.9	3.49	147.3	3.58	152.9	3.67	157.3	3.74
		30.4	111.5	2.11	120.8	2.49	131.5	2.90	142.9	3.27	147.3	3.35	152.9	3.44	157.3	3.50
		38.0	111.5	2.04	120.8	2.43	131.5	2.84	142.9	3.20	147.3	3.28	152.9	3.36	157.3	3.42
		45.6	111.5	2.00	120.8	2.40	131.5	2.81	142.9	3.16	147.3	3.25	152.9	3.33	157.3	3.39
	59	12.2	109.8	3.05	118.8	3.55	129.4	4.14	140.7	4.66	144.9	4.77	150.5	4.89	154.8	4.98
		15.2	109.8	3.00	118.8	3.50	129.4	4.08	140.7	4.59	144.9	4.70	150.5	4.81	154.8	4.90
		30.4	109.8	2.76	118.8	3.27	129.4	3.81	140.7	4.29	144.9	4.40	150.5	4.52	154.8	4.60
		38.0	109.8	2.68	118.8	3.20	129.4	3.73	140.7	4.20	144.9	4.31	150.5	4.42	154.8	4.50
		45.6	109.8	2.64	118.8	3.16	129.4	3.69	140.7	4.16	144.9	4.27	150.5	4.38	154.8	4.45
	67	12.2	108.2	3.70	117.1	4.31	127.6	5.02	138.7	5.65	142.8	5.78	148.3	5.92	152.5	6.02
		15.2	108.2	3.63	117.1	4.24	127.6	4.94	138.7	5.56	142.8	5.69	148.3	5.83	152.5	5.94
		30.4	108.2	3.34	117.1	3.96	127.6	4.62	138.7	5.20	142.8	5.33	148.3	5.47	152.5	5.58
		38.0	108.2	3.25	117.1	3.88	127.6	4.52	138.7	5.10	142.8	5.23	148.3	5.36	152.5	5.46
		45.6	108.2	3.21	117.1	3.84	127.6	4.48	138.7	5.05	142.8	5.18	148.3	5.31	152.5	5.39
	75	12.2	108.2	4.58	117.1	5.32	127.6	6.19	138.7	6.97	142.8	7.13	148.3	7.31	152.5	7.43
		15.2	108.2	4.49	117.1	5.23	127.6	6.09	138.7	6.86	142.8	7.02	148.3	7.20	152.5	7.32
		30.4	108.2	4.12	117.1	4.88	127.6	5.69	138.7	6.41	142.8	6.57	148.3	6.74	152.5	6.88
		38.0	108.2	4.01	117.1	4.78	127.6	5.57	138.7	6.29	142.8	6.45	148.3	6.62	152.5	6.73
		45.6	108.2	3.95	117.1	4.73	127.6	5.52	138.7	6.23	142.8	6.39	148.3	6.56	152.5	6.65
	86	12.2	108.2	5.49	117.1	6.38	127.6	7.43	138.7	8.37	142.8	8.57	148.3	8.77	152.5	8.92
		15.2	108.2	5.38	117.1	6.27	127.6	7.31	138.7	8.23	142.8	8.43	148.3	8.63	152.5	8.79
		30.4	108.2	4.95	117.1	5.87	127.6	6.83	138.7	7.69	142.8	7.89	148.3	8.09	152.5	8.26
		38.0	108.2	4.81	117.1	5.74	127.6	6.70	138.7	7.54	142.8	7.74	148.3	7.94	152.5	8.07
		45.6	108.2	4.74	117.1	5.68	127.6	6.63	138.7	7.47	142.8	7.66	148.3	7.86	152.5	7.97
	95	12.2	97.3	5.55	105.4	6.45	114.8	7.52	124.8	8.46	128.5	8.66	133.5	8.86	137.3	9.02
		15.2	97.3	5.44	105.4	6.34	114.8	7.39	124.8	8.32	128.5	8.52	133.5	8.73	137.3	8.88
		30.4	97.3	5.00	105.4	5.94	114.8	6.91	124.8	7.78	128.5	7.97	133.5	8.19	137.3	8.35
		38.0	97.3	4.86	105.4	5.80	114.8	6.77	124.8	7.63	128.5	7.83	133.5	8.03	137.3	8.16
		45.6	97.3	4.79	105.4	5.74	114.8	6.70	124.8	7.56	128.5	7.75	133.5	7.95	137.3	8.07
	104	12.2	86.5	5.86	93.7	6.80	102.0	7.92	110.9	8.93	114.3	9.13	118.7	9.35	122.0	9.52
		15.2	86.5	5.74	93.7	6.69	102.0	7.79	110.9	8.78	114.3	8.99	118.7	9.21	122.0	9.38
		30.4	86.5	5.28	93.7	6.26	102.0	7.29	110.9	8.21	114.3	8.41	118.7	8.63	122.0	8.81
		38.0	86.5	5.13	93.7	6.12	102.0	7.14	110.9	8.04	114.3	8.26	118.7	8.47	122.0	8.61
		45.6	86.5	5.05	93.7	6.06	102.0	7.06	110.9	7.96	114.3	8.18	118.7	8.39	122.0	8.51
	113	12.2	75.7	6.16	81.9	7.15	89.3	8.32	97.1	9.40	100.0	9.60	103.8	9.84	106.8	10.03
		15.2	75.7	6.04	81.9	7.03	89.3	8.19	97.1	9.24	100.0	9.45	103.8	9.68	106.8	9.87
		30.4	75.7	5.55	81.9	6.58	89.3	7.68	97.1	8.64	100.0	8.85	103.8	9.08	106.8	9.26
		38.0	75.7	5.39	81.9	6.45	89.3	7.50	97.1	8.46	100.0	8.69	103.8	8.91	106.8	9.06
		45.6	75.7	5.32	81.9	6.38	89.3	7.42	97.1	8.37	100.0	8.61	103.8	8.82	106.8	8.95
120	23	8.1	105.6	2.21	114.3	2.57	124.5	2.98	135.3	3.37	139.4	3.45	144.9	3.53	148.9	3.60
	32	9.0	105.6	2.21	114.3	2.57	124.5	2.98	135.3	3.37	139.4	3.45	144.9	3.53	148.9	3.60
	41	10.4	105.6	2.21	114.3	2.57	124.5	2.98	135.3	3.37	139.4	3.45	144.9	3.53	148.9	3.60
	50	12.2	105.6	2.21	114.3	2.57	124.5	2.98	135.3	3.37	139.4	3.45	144.9	3.53	148.9	3.60
		15.2	105.6	2.16	114.3	2.53	124.5	2.94	135.3	3.31	139.4	3.39	144.9	3.47	148.9	3.54
		30.4	105.6	1.98	114.3	2.36	124.5	2.76	135.3	3.09	139.4	3.17	144.9	3.25	148.9	3.32
		38.0	105.6	1.93	114.3	2.30	124.5	2.69	135.3	3.03	139.4	3.11	144.9	3.20	148.9	3.25
		45.6	105.6	1.90	114.3	2.27	124.5	2.65	135.3	3.01	139.4	3.08	144.9	3.18	148.9	3.21
	59	12.2	104.3	2.93	113.0	3.40	123.1	3.96	133.8	4.46	137.8	4.57	143.2	4.68	147.2	4.76
		15.2	104.3	2.87	113.0	3.35	123.1	3.90	133.8	4.39	137.8	4.49	143.2	4.60	147.2	4.69
		30.4	104.3	2.63	113.0	3.13	123.1	3.65	133.8	4.10	137.8	4.20	143.2	4.31	147.2	4.40
		38.0	104.3	2.56	113.0	3.06	123.1	3.57	133.8	4.02	137.8	4.12	143.2	4.23	147.2	4.30
		45.6	104.3	2.53	113.0	3.02	123.1	3.53	133.8	3.98	137.8	4.09	143.2	4.20	147.2	4.25
	67	12.2	103.3	3.57	111.8	4.14	121.8	4.83	132.4	5.43	136.4	5.56	141.7	5.70	145.7	5.80
		15.2	103.3	3.50	111.8	4.08	121.8	4.75	132.4	5.35	136.4	5.47	141.7	5.61	145.7	5.71
		30.4	103.3	3.21	111.8	3.81	121.8	4.44	132.4	5.00	136.4	5.12	141.7	5.25	145.7	5.36
		38.0	103.3	3.13	111.8	3.73	121.8	4.35	132.4	4.90	136.4	5.03	141.7	5.15	145.7	5.23
		45.6	103.3	3.09	111.8	3.69	121.8	4.31	132.4	4.85	136.4	4.98	141.7	5.10	145.7	5.17

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

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COOLING CAPACITY DATA

ARWN121DAS4, ARWB121DAS4

121,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
120	75	12.2	103.3	4.38	111.8	5.09	121.8	5.93	132.4	6.68	136.4	6.84	141.7	7.00	145.7	7.13
		15.2	103.3	4.30	111.8	5.01	121.8	5.83	132.4	6.57	136.4	6.73	141.7	6.89	145.7	7.02
		30.4	103.3	3.95	111.8	4.68	121.8	5.46	132.4	6.15	136.4	6.30	141.7	6.46	145.7	6.59
		38.0	103.3	3.84	111.8	4.59	121.8	5.35	132.4	6.02	136.4	6.18	141.7	6.34	145.7	6.43
		45.6	103.3	3.79	111.8	4.54	121.8	5.29	132.4	5.96	136.4	6.12	141.7	6.27	145.7	6.35
	86	12.2	103.3	5.30	111.8	6.16	121.8	7.17	132.4	8.07	136.4	8.27	141.7	8.47	145.7	8.61
		15.2	103.3	5.19	111.8	6.06	121.8	7.06	132.4	7.94	136.4	8.14	141.7	8.33	145.7	8.48
		30.4	103.3	4.78	111.8	5.66	121.8	6.59	132.4	7.43	136.4	7.61	141.7	7.81	145.7	7.97
		38.0	103.3	4.64	111.8	5.54	121.8	6.46	132.4	7.28	136.4	7.47	141.7	7.66	145.7	7.78
		45.6	103.3	4.58	111.8	5.48	121.8	6.39	132.4	7.21	136.4	7.40	141.7	7.59	145.7	7.68
	95	12.2	94.5	5.43	102.3	6.31	111.5	7.35	121.2	8.28	124.8	8.48	129.7	8.68	133.3	8.83
		15.2	94.5	5.32	102.3	6.21	111.5	7.23	121.2	8.15	124.8	8.34	129.7	8.55	133.3	8.70
		30.4	94.5	4.89	102.3	5.80	111.5	6.76	121.2	7.61	124.8	7.80	129.7	8.01	133.3	8.16
		38.0	94.5	4.76	102.3	5.68	111.5	6.63	121.2	7.46	124.8	7.66	129.7	7.85	133.3	7.97
		45.6	94.5	4.69	102.3	5.63	111.5	6.56	121.2	7.39	124.8	7.59	129.7	7.77	133.3	7.87
	104	12.2	85.8	5.85	92.8	6.79	101.2	7.91	109.9	8.91	113.3	9.12	117.7	9.34	120.9	9.51
		15.2	85.8	5.73	92.8	6.68	101.2	7.79	109.9	8.77	113.3	8.98	117.7	9.20	120.9	9.36
		30.4	85.8	5.27	92.8	6.25	101.2	7.28	109.9	8.19	113.3	8.40	117.7	8.62	120.9	8.78
		38.0	85.8	5.12	92.8	6.12	101.2	7.13	109.9	8.04	113.3	8.24	117.7	8.45	120.9	8.58
		45.6	85.8	5.05	92.8	6.05	101.2	7.05	109.9	7.96	113.3	8.16	117.7	8.37	120.9	8.48
	113	12.2	77.0	6.26	83.3	7.27	90.8	8.48	98.7	9.54	101.7	9.77	105.7	10.00	108.5	10.19
		15.2	77.0	6.14	83.3	7.15	90.8	8.34	98.7	9.39	101.7	9.61	105.7	9.85	108.5	10.03
		30.4	77.0	5.65	83.3	6.70	90.8	7.79	98.7	8.77	101.7	8.99	105.7	9.23	108.5	9.40
		38.0	77.0	5.48	83.3	6.55	90.8	7.63	98.7	8.61	101.7	8.82	105.7	9.06	108.5	9.19
		45.6	77.0	5.40	83.3	6.47	90.8	7.55	98.7	8.53	101.7	8.74	105.7	8.97	108.5	9.08
110	23	8.1	99.7	2.08	107.8	2.42	117.5	2.82	127.7	3.17	131.4	3.26	136.5	3.32	140.4	3.40
	32	9.0	99.7	2.08	107.8	2.42	117.5	2.82	127.7	3.17	131.4	3.26	136.5	3.32	140.4	3.40
	41	10.4	99.7	2.08	107.8	2.42	117.5	2.82	127.7	3.17	131.4	3.26	136.5	3.32	140.4	3.40
	50	12.2	99.7	2.08	107.8	2.42	117.5	2.82	127.7	3.17	131.4	3.26	136.5	3.32	140.4	3.40
		15.2	99.7	2.04	107.8	2.38	117.5	2.77	127.7	3.12	131.4	3.20	136.5	3.27	140.4	3.35
		30.4	99.7	1.87	107.8	2.23	117.5	2.60	127.7	2.92	131.4	3.00	136.5	3.08	140.4	3.14
		38.0	99.7	1.82	107.8	2.18	117.5	2.54	127.7	2.87	131.4	2.94	136.5	3.01	140.4	3.04
		45.6	99.7	1.79	107.8	2.16	117.5	2.51	127.7	2.85	131.4	2.91	136.5	2.98	140.4	3.00
	59	12.2	99.0	2.79	107.2	3.24	116.8	3.78	126.9	4.26	130.7	4.36	135.8	4.46	139.6	4.55
		15.2	99.0	2.74	107.2	3.19	116.8	3.72	126.9	4.19	130.7	4.29	135.8	4.39	139.6	4.48
		30.4	99.0	2.52	107.2	2.99	116.8	3.48	126.9	3.91	130.7	4.01	135.8	4.12	139.6	4.19
		38.0	99.0	2.45	107.2	2.92	116.8	3.40	126.9	3.84	130.7	3.94	135.8	4.04	139.6	4.09
		45.6	99.0	2.41	107.2	2.89	116.8	3.36	126.9	3.81	130.7	3.90	135.8	4.00	139.6	4.03
	67	12.2	98.4	3.42	106.6	3.98	116.1	4.63	126.3	5.22	130.0	5.34	135.1	5.47	138.8	5.57
		15.2	98.4	3.36	106.6	3.91	116.1	4.56	126.3	5.14	130.0	5.25	135.1	5.39	138.8	5.48
		30.4	98.4	3.09	106.6	3.66	116.1	4.27	126.3	4.80	130.0	4.92	135.1	5.04	138.8	5.14
		38.0	98.4	3.00	106.6	3.58	116.1	4.17	126.3	4.70	130.0	4.82	135.1	4.95	138.8	5.01
		45.6	98.4	2.96	106.6	3.54	116.1	4.12	126.3	4.66	130.0	4.78	135.1	4.90	138.8	4.95
	75	12.2	98.4	4.19	106.6	4.87	116.1	5.67	126.3	6.39	130.0	6.54	135.1	6.70	138.8	6.82
		15.2	98.4	4.11	106.6	4.79	116.1	5.58	126.3	6.29	130.0	6.44	135.1	6.59	138.8	6.71
		30.4	98.4	3.78	106.6	4.48	116.1	5.22	126.3	5.88	130.0	6.02	135.1	6.18	138.8	6.29
		38.0	98.4	3.68	106.6	4.38	116.1	5.11	126.3	5.76	130.0	5.90	135.1	6.06	138.8	6.13
		45.6	98.4	3.63	106.6	4.34	116.1	5.06	126.3	5.70	130.0	5.85	135.1	6.00	138.8	6.05
	86	12.2	98.4	5.11	106.6	5.94	116.1	6.92	126.3	7.79	130.0	7.98	135.1	8.17	138.8	8.32
		15.2	98.4	5.01	106.6	5.84	116.1	6.81	126.3	7.66	130.0	7.85	135.1	8.04	138.8	8.19
		30.4	98.4	4.60	106.6	5.47	116.1	6.36	126.3	7.17	130.0	7.34	135.1	7.53	138.8	7.67
		38.0	98.4	4.48	106.6	5.35	116.1	6.23	126.3	7.03	130.0	7.20	135.1	7.39	138.8	7.48
		45.6	98.4	4.41	106.6	5.29	116.1	6.17	126.3	6.96	130.0	7.13	135.1	7.32	138.8	7.39
	95	12.2	91.8	5.31	99.3	6.18	108.2	7.19	117.6	8.10	121.1	8.29	125.8	8.49	129.3	8.64
		15.2	91.8	5.21	99.3	6.08	108.2	7.07	117.6	7.97	121.1	8.15	125.8	8.36	129.3	8.51
		30.4	91.8	4.79	99.3	5.68	108.2	6.62	117.6	7.45	121.1	7.63	125.8	7.83	129.3	7.97
		38.0	91.8	4.66	99.3	5.56	108.2	6.48	117.6	7.30	121.1	7.49	125.8	7.68	129.3	7.78
		45.6	91.8	4.59	99.3	5.50	108.2	6.41	117.6	7.23	121.1	7.42	125.8	7.60	129.3	7.68

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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COOLING CAPACITY DATA

ARWN121DAS4, ARWB121DAS4

121,000 Btu/h, 460V Heat Pump and Heat Recovery Units

MULTI V WATER IV

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
110	104	12.2	85.0	5.84	92.1	6.78	100.3	7.90	109.0	8.89	112.3	9.11	116.6	9.33	119.8	9.49
		15.2	85.0	5.72	92.1	6.67	100.3	7.77	109.0	8.75	112.3	8.96	116.6	9.18	119.8	9.35
		30.4	85.0	5.26	92.1	6.24	100.3	7.27	109.0	8.19	112.3	8.38	116.6	8.60	119.8	8.76
		38.0	85.0	5.11	92.1	6.11	100.3	7.12	109.0	8.02	112.3	8.23	116.6	8.44	119.8	8.54
		45.6	85.0	5.04	92.1	6.04	100.3	7.05	109.0	7.94	112.3	8.15	116.6	8.35	119.8	8.43
	113	12.2	78.3	6.37	84.8	7.39	92.3	8.61	100.4	9.69	103.4	9.93	107.3	10.16	110.3	10.35
		15.2	78.3	6.24	84.8	7.27	92.3	8.47	100.4	9.53	103.4	9.77	107.3	10.01	110.3	10.19
		30.4	78.3	5.73	84.8	6.81	92.3	7.92	100.4	8.92	103.4	9.13	107.3	9.38	110.3	9.54
		38.0	78.3	5.57	84.8	6.66	92.3	7.76	100.4	8.74	103.4	8.96	107.3	9.20	110.3	9.30
		45.6	78.3	5.49	84.8	6.58	92.3	7.68	100.4	8.65	103.4	8.88	107.3	9.11	110.3	9.18
100	23	8.1	93.6	1.97	101.3	2.28	110.4	2.66	120.0	3.00	123.6	3.07	128.4	3.15	132.0	3.19
	32	9.0	93.6	1.97	101.3	2.28	110.4	2.66	120.0	3.00	123.6	3.07	128.4	3.15	132.0	3.19
	41	10.4	93.6	1.97	101.3	2.28	110.4	2.66	120.0	3.00	123.6	3.07	128.4	3.15	132.0	3.19
	50	12.2	93.6	1.97	101.3	2.28	110.4	2.66	120.0	3.00	123.6	3.07	128.4	3.15	132.0	3.19
		15.2	93.6	1.93	101.3	2.25	110.4	2.62	120.0	2.95	123.6	3.02	128.4	3.09	132.0	3.14
		30.4	93.6	1.77	101.3	2.11	110.4	2.44	120.0	2.75	123.6	2.81	128.4	2.88	132.0	2.93
		38.0	93.6	1.71	101.3	2.05	110.4	2.40	120.0	2.69	123.6	2.77	128.4	2.83	132.0	2.86
		45.6	93.6	1.68	101.3	2.02	110.4	2.38	120.0	2.66	123.6	2.75	128.4	2.80	132.0	2.82
	59	12.2	93.6	2.66	101.3	3.09	110.4	3.60	120.0	4.06	123.6	4.15	128.4	4.26	132.0	4.33
		15.2	93.6	2.61	101.3	3.04	110.4	3.54	120.0	3.99	123.6	4.09	128.4	4.19	132.0	4.26
		30.4	93.6	2.40	101.3	2.85	110.4	3.31	120.0	3.73	123.6	3.82	128.4	3.91	132.0	3.98
		38.0	93.6	2.33	101.3	2.78	110.4	3.25	120.0	3.65	123.6	3.75	128.4	3.84	132.0	3.88
		45.6	93.6	2.29	101.3	2.75	110.4	3.21	120.0	3.61	123.6	3.71	128.4	3.81	132.0	3.83
	67	12.2	93.6	3.28	101.3	3.81	110.4	4.44	120.0	5.00	123.6	5.12	128.4	5.24	132.0	5.34
		15.2	93.6	3.21	101.3	3.75	110.4	4.37	120.0	4.92	123.6	5.03	128.4	5.16	132.0	5.25
		30.4	93.6	2.96	101.3	3.50	110.4	4.09	120.0	4.60	123.6	4.71	128.4	4.83	132.0	4.92
		38.0	93.6	2.88	101.3	3.43	110.4	4.00	120.0	4.51	123.6	4.62	128.4	4.74	132.0	4.79
		45.6	93.6	2.84	101.3	3.40	110.4	3.96	120.0	4.46	123.6	4.57	128.4	4.70	132.0	4.73
	75	12.2	93.6	4.00	101.3	4.65	110.4	5.42	120.0	6.10	123.6	6.24	128.4	6.40	132.0	6.51
		15.2	93.6	3.92	101.3	4.57	110.4	5.33	120.0	6.00	123.6	6.14	128.4	6.30	132.0	6.41
		30.4	93.6	3.61	101.3	4.27	110.4	4.98	120.0	5.61	123.6	5.75	128.4	5.89	132.0	6.00
		38.0	93.6	3.50	101.3	4.19	110.4	4.88	120.0	5.50	123.6	5.64	128.4	5.78	132.0	5.84
		45.6	93.6	3.45	101.3	4.14	110.4	4.83	120.0	5.44	123.6	5.58	128.4	5.72	132.0	5.76
	86	12.2	93.6	4.92	101.3	5.72	110.4	6.66	120.0	7.50	123.6	7.68	128.4	7.86	132.0	8.01
		15.2	93.6	4.82	101.3	5.63	110.4	6.56	120.0	7.38	123.6	7.56	128.4	7.74	132.0	7.88
		30.4	93.6	4.44	101.3	5.26	110.4	6.12	120.0	6.90	123.6	7.06	128.4	7.25	132.0	7.38
		38.0	93.6	4.31	101.3	5.15	110.4	6.00	120.0	6.77	123.6	6.93	128.4	7.11	132.0	7.18
		45.6	93.6	4.25	101.3	5.10	110.4	5.94	120.0	6.70	123.6	6.87	128.4	7.05	132.0	7.08
	95	12.2	88.9	5.19	96.3	6.03	104.9	7.03	114.0	7.91	117.4	8.10	122.0	8.30	125.4	8.45
		15.2	88.9	5.09	96.3	5.94	104.9	6.92	114.0	7.79	117.4	7.97	122.0	8.17	125.4	8.32
		30.4	88.9	4.68	96.3	5.55	104.9	6.47	114.0	7.28	117.4	7.46	122.0	7.64	125.4	7.79
		38.0	88.9	4.56	96.3	5.43	104.9	6.34	114.0	7.14	117.4	7.32	122.0	7.50	125.4	7.58
		45.6	88.9	4.49	96.3	5.38	104.9	6.27	114.0	7.07	117.4	7.25	122.0	7.43	125.4	7.48
	104	12.2	84.3	5.82	91.3	6.78	99.3	7.89	108.0	8.89	111.3	9.09	115.6	9.31	118.8	9.48
		15.2	84.3	5.71	91.3	6.66	99.3	7.76	108.0	8.74	111.3	8.95	115.6	9.17	118.8	9.33
		30.4	84.3	5.25	91.3	6.23	99.3	7.25	108.0	8.17	111.3	8.37	115.6	8.58	118.8	8.73
		38.0	84.3	5.10	91.3	6.09	99.3	7.10	108.0	8.01	111.3	8.21	115.6	8.42	118.8	8.51
		45.6	84.3	5.03	91.3	6.03	99.3	7.03	108.0	7.94	111.3	8.13	115.6	8.34	118.8	8.39
	113	12.2	79.6	6.45	86.2	7.52	93.8	8.75	102.0	9.86	105.1	10.08	109.2	10.33	112.3	10.51
		15.2	79.6	6.33	86.2	7.39	93.8	8.61	102.0	9.70	105.1	9.92	109.2	10.16	112.3	10.34
		30.4	79.6	5.83	86.2	6.90	93.8	8.04	102.0	9.06	105.1	9.28	109.2	9.51	112.3	9.68
		38.0	79.6	5.65	86.2	6.75	93.8	7.87	102.0	8.88	105.1	9.10	109.2	9.34	112.3	9.43
		45.6	79.6	5.57	86.2	6.68	93.8	7.79	102.0	8.80	105.1	9.02	109.2	9.25	112.3	9.31
90	23	8.1	84.3	1.69	91.3	1.96	99.3	2.28	108.0	2.58	111.3	2.63	115.6	2.69	118.8	2.75
	32	9.0	84.3	1.69	91.3	1.96	99.3	2.28	108.0	2.58	111.3	2.63	115.6	2.69	118.8	2.75
	41	10.4	84.3	1.69	91.3	1.96	99.3	2.28	108.0	2.58	111.3	2.63	115.6	2.69	118.8	2.75
	50	12.2	84.3	1.69	91.3	1.96	99.3	2.28	108.0	2.58	111.3	2.63	115.6	2.69	118.8	2.75
		15.2	84.3	1.65	91.3	1.93	99.3	2.25	108.0	2.53	111.3	2.59	115.6	2.65	118.8	2.71
		30.4	84.3	1.52	91.3	1.80	99.3	2.11	108.0	2.36	111.3	2.42	115.6	2.49	118.8	2.53
		38.0	84.3	1.48	91.3	1.76	99.3	2.06	108.0	2.32	111.3	2.38	115.6	2.44	118.8	2.46
		45.6	84.3	1.46	91.3	1.73	99.3	2.03	108.0	2.29	111.3	2.35	115.6	2.42	118.8	2.42

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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LG

COOLING CAPACITY DATA

ARWN121DAS4, ARWB121DAS4

121,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
90	59	12.2	84.3	2.29	91.3	2.66	99.3	3.10	108.0	3.49	111.3	3.57	115.6	3.66	118.8	3.73
		15.2	84.3	2.24	91.3	2.62	99.3	3.05	108.0	3.43	111.3	3.51	115.6	3.60	118.8	3.67
		30.4	84.3	2.06	91.3	2.45	99.3	2.85	108.0	3.21	111.3	3.29	115.6	3.37	118.8	3.43
		38.0	84.3	2.01	91.3	2.39	99.3	2.79	108.0	3.14	111.3	3.22	115.6	3.31	118.8	3.34
		45.6	84.3	1.98	91.3	2.36	99.3	2.76	108.0	3.11	111.3	3.19	115.6	3.28	118.8	3.29
	67	12.2	84.3	2.82	91.3	3.28	99.3	3.83	108.0	4.30	111.3	4.41	115.6	4.52	118.8	4.60
		15.2	84.3	2.77	91.3	3.23	99.3	3.76	108.0	4.23	111.3	4.34	115.6	4.45	118.8	4.52
		30.4	84.3	2.55	91.3	3.02	99.3	3.51	108.0	3.96	111.3	4.05	115.6	4.16	118.8	4.23
		38.0	84.3	2.48	91.3	2.96	99.3	3.44	108.0	3.88	111.3	3.98	115.6	4.08	118.8	4.12
		45.6	84.3	2.44	91.3	2.92	99.3	3.41	108.0	3.84	111.3	3.94	115.6	4.04	118.8	4.07
	75	12.2	84.3	3.44	91.3	4.00	99.3	4.66	108.0	5.25	111.3	5.37	115.6	5.51	118.8	5.60
		15.2	84.3	3.37	91.3	3.94	99.3	4.59	108.0	5.17	111.3	5.28	115.6	5.42	118.8	5.51
		30.4	84.3	3.11	91.3	3.68	99.3	4.29	108.0	4.83	111.3	4.95	115.6	5.07	118.8	5.16
		38.0	84.3	3.02	91.3	3.60	99.3	4.20	108.0	4.74	111.3	4.85	115.6	4.98	118.8	5.03
		45.6	84.3	2.98	91.3	3.56	99.3	4.16	108.0	4.69	111.3	4.81	115.6	4.93	118.8	4.96
	86	12.2	84.3	4.23	91.3	4.93	99.3	5.73	108.0	6.46	111.3	6.61	115.6	6.77	118.8	6.89
		15.2	84.3	4.15	91.3	4.85	99.3	5.64	108.0	6.35	111.3	6.50	115.6	6.66	118.8	6.78
		30.4	84.3	3.82	91.3	4.52	99.3	5.28	108.0	5.94	111.3	6.08	115.6	6.23	118.8	6.35
		38.0	84.3	3.72	91.3	4.43	99.3	5.17	108.0	5.83	111.3	5.97	115.6	6.12	118.8	6.18
		45.6	84.3	3.67	91.3	4.38	99.3	5.11	108.0	5.77	111.3	5.91	115.6	6.07	118.8	6.09
	95	12.2	81.9	4.57	88.7	5.31	96.6	6.18	105.0	6.97	108.2	7.13	112.3	7.31	115.5	7.43
		15.2	81.9	4.48	88.7	5.22	96.6	6.08	105.0	6.85	108.2	7.02	112.3	7.19	115.5	7.32
		30.4	81.9	4.12	88.7	4.88	96.6	5.69	105.0	6.41	108.2	6.56	112.3	6.73	115.5	6.85
		38.0	81.9	4.01	88.7	4.78	96.6	5.57	105.0	6.28	108.2	6.44	112.3	6.60	115.5	6.67
		45.6	81.9	3.95	88.7	4.73	96.6	5.52	105.0	6.22	108.2	6.37	112.3	6.54	115.5	6.58
	104	12.2	79.6	5.25	86.2	6.10	93.8	7.11	102.0	8.00	105.1	8.19	109.2	8.39	112.2	8.54
		15.2	79.6	5.14	86.2	6.00	93.8	6.99	102.0	7.87	105.1	8.06	109.2	8.26	112.2	8.41
		30.4	79.6	4.74	86.2	5.61	93.8	6.54	102.0	7.36	105.1	7.54	109.2	7.73	112.2	7.87
		38.0	79.6	4.60	86.2	5.49	93.8	6.41	102.0	7.21	105.1	7.39	109.2	7.58	112.2	7.66
		45.6	79.6	4.54	86.2	5.43	93.8	6.34	102.0	7.14	105.1	7.32	109.2	7.51	112.2	7.56
	113	12.2	77.3	5.92	83.7	6.88	91.1	8.03	99.0	9.04	102.0	9.25	106.0	9.47	108.8	9.65
		15.2	77.3	5.81	83.7	6.77	91.1	7.90	99.0	8.89	102.0	9.10	106.0	9.32	108.8	9.50
		30.4	77.3	5.36	83.7	6.34	91.1	7.39	99.0	8.32	102.0	8.51	106.0	8.73	108.8	8.89
		38.0	77.3	5.20	83.7	6.19	91.1	7.24	99.0	8.15	102.0	8.35	106.0	8.56	108.8	8.65
		45.6	77.3	5.12	83.7	6.12	91.1	7.16	99.0	8.06	102.0	8.27	106.0	8.48	108.8	8.53
80	23	8.1	74.9	1.41	81.1	1.65	88.3	1.92	96.0	2.15	98.9	2.21	102.8	2.26	105.6	2.30
	32	9.0	74.9	1.41	81.1	1.65	88.3	1.92	96.0	2.15	98.9	2.21	102.8	2.26	105.6	2.30
	41	10.4	74.9	1.41	81.1	1.65	88.3	1.92	96.0	2.15	98.9	2.21	102.8	2.26	105.6	2.30
	50	12.2	74.9	1.41	81.1	1.65	88.3	1.92	96.0	2.15	98.9	2.21	102.8	2.26	105.6	2.30
		15.2	74.9	1.39	81.1	1.62	88.3	1.89	96.0	2.12	98.9	2.17	102.8	2.22	105.6	2.26
		30.4	74.9	1.28	81.1	1.52	88.3	1.77	96.0	1.98	98.9	2.03	102.8	2.07	105.6	2.12
		38.0	74.9	1.24	81.1	1.48	88.3	1.74	96.0	1.95	98.9	2.00	102.8	2.05	105.6	2.06
		45.6	74.9	1.23	81.1	1.46	88.3	1.72	96.0	1.94	98.9	1.98	102.8	2.04	105.6	2.03
	59	12.2	74.9	1.92	81.1	2.23	88.3	2.60	96.0	2.93	98.9	3.00	102.8	3.07	105.6	3.12
		15.2	74.9	1.88	81.1	2.20	88.3	2.56	96.0	2.88	98.9	2.95	102.8	3.02	105.6	3.07
		30.4	74.9	1.73	81.1	2.05	88.3	2.39	96.0	2.69	98.9	2.75	102.8	2.82	105.6	2.88
		38.0	74.9	1.69	81.1	2.01	88.3	2.34	96.0	2.64	98.9	2.71	102.8	2.78	105.6	2.80
		45.6	74.9	1.66	81.1	1.98	88.3	2.32	96.0	2.62	98.9	2.68	102.8	2.75	105.6	2.76
	67	12.2	74.9	2.37	81.1	2.75	88.3	3.20	96.0	3.61	98.9	3.70	102.8	3.78	105.6	3.86
		15.2	74.9	2.32	81.1	2.71	88.3	3.15	96.0	3.55	98.9	3.64	102.8	3.72	105.6	3.80
		30.4	74.9	2.13	81.1	2.53	88.3	2.95	96.0	3.32	98.9	3.40	102.8	3.49	105.6	3.55
		38.0	74.9	2.08	81.1	2.48	88.3	2.89	96.0	3.25	98.9	3.33	102.8	3.42	105.6	3.46
		45.6	74.9	2.05	81.1	2.45	88.3	2.85	96.0	3.22	98.9	3.30	102.8	3.38	105.6	3.41
	75	12.2	74.9	2.89	81.1	3.35	88.3	3.91	96.0	4.40	98.9	4.50	102.8	4.61	105.6	4.70
		15.2	74.9	2.83	81.1	3.30	88.3	3.84	96.0	4.33	98.9	4.43	102.8	4.54	105.6	4.63
		30.4	74.9	2.60	81.1	3.09	88.3	3.59	96.0	4.05	98.9	4.15	102.8	4.25	105.6	4.33
		38.0	74.9	2.53	81.1	3.02	88.3	3.52	96.0	3.97	98.9	4.07	102.8	4.17	105.6	4.21
		45.6	74.9	2.50	81.1	2.98	88.3	3.49	96.0	3.93	98.9	4.03	102.8	4.13	105.6	4.15

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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COOLING CAPACITY DATA

ARWN121DAS4, ARWB121DAS4

121,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
80	86	12.2	74.9	3.55	81.1	4.13	88.3	4.81	96.0	5.41	98.9	5.54	102.8	5.67	105.6	5.78
		15.2	74.9	3.48	81.1	4.06	88.3	4.73	96.0	5.32	98.9	5.45	102.8	5.58	105.6	5.68
		30.4	74.9	3.20	81.1	3.80	88.3	4.42	96.0	4.98	98.9	5.10	102.8	5.23	105.6	5.32
		38.0	74.9	3.11	81.1	3.72	88.3	4.33	96.0	4.88	98.9	5.00	102.8	5.13	105.6	5.18
		45.6	74.9	3.07	81.1	3.68	88.3	4.28	96.0	4.84	98.9	4.96	102.8	5.08	105.6	5.11
	95	12.2	74.9	3.94	81.1	4.58	88.3	5.34	96.0	6.02	98.9	6.16	102.8	6.31	105.6	6.42
		15.2	74.9	3.87	81.1	4.51	88.3	5.25	96.0	5.92	98.9	6.06	102.8	6.21	105.6	6.32
		30.4	74.9	3.56	81.1	4.22	88.3	4.92	96.0	5.54	98.9	5.66	102.8	5.81	105.6	5.91
		38.0	74.9	3.46	81.1	4.12	88.3	4.81	96.0	5.43	98.9	5.56	102.8	5.70	105.6	5.76
		45.6	74.9	3.41	81.1	4.08	88.3	4.76	96.0	5.37	98.9	5.51	102.8	5.65	105.6	5.68
	104	12.2	74.9	4.67	81.1	5.43	88.3	6.33	96.0	7.12	98.9	7.29	102.8	7.47	105.6	7.60
		15.2	74.9	4.58	81.1	5.34	88.3	6.23	96.0	7.01	98.9	7.17	102.8	7.35	105.6	7.48
		30.4	74.9	4.21	81.1	4.99	88.3	5.82	96.0	6.56	98.9	6.70	102.8	6.88	105.6	7.00
		38.0	74.9	4.09	81.1	4.88	88.3	5.70	96.0	6.42	98.9	6.58	102.8	6.75	105.6	6.82
		45.6	74.9	4.03	81.1	4.83	88.3	5.64	96.0	6.36	98.9	6.52	102.8	6.69	105.6	6.73
	113	12.2	74.9	5.40	81.1	6.27	88.3	7.32	96.0	8.23	98.9	8.42	102.8	8.62	105.6	8.78
		15.2	74.9	5.29	81.1	6.17	88.3	7.20	96.0	8.10	98.9	8.29	102.8	8.48	105.6	8.64
		30.4	74.9	4.86	81.1	5.77	88.3	6.72	96.0	7.57	98.9	7.75	102.8	7.94	105.6	8.09
		38.0	74.9	4.73	81.1	5.65	88.3	6.59	96.0	7.42	98.9	7.60	102.8	7.80	105.6	7.89
		45.6	74.9	4.66	81.1	5.58	88.3	6.52	96.0	7.34	98.9	7.52	102.8	7.73	105.6	7.79
70	23	8.1	65.5	1.17	70.9	1.37	77.3	1.60	84.0	1.80	86.5	1.83	89.9	1.88	92.4	1.92
	32	9.0	65.5	1.17	70.9	1.37	77.3	1.60	84.0	1.80	86.5	1.83	89.9	1.88	92.4	1.92
	41	10.4	65.5	1.17	70.9	1.37	77.3	1.60	84.0	1.80	86.5	1.83	89.9	1.88	92.4	1.92
	50	12.2	65.5	1.17	70.9	1.37	77.3	1.60	84.0	1.80	86.5	1.83	89.9	1.88	92.4	1.92
		15.2	65.5	1.15	70.9	1.35	77.3	1.57	84.0	1.77	86.5	1.80	89.9	1.85	92.4	1.89
		30.4	65.5	1.06	70.9	1.27	77.3	1.45	84.0	1.64	86.5	1.69	89.9	1.73	92.4	1.77
		38.0	65.5	1.03	70.9	1.23	77.3	1.43	84.0	1.62	86.5	1.66	89.9	1.70	92.4	1.72
		45.6	65.5	1.01	70.9	1.21	77.3	1.42	84.0	1.61	86.5	1.64	89.9	1.68	92.4	1.70
	59	12.2	65.5	1.59	70.9	1.86	77.3	2.16	84.0	2.43	86.5	2.49	89.9	2.55	92.4	2.60
		15.2	65.5	1.56	70.9	1.83	77.3	2.12	84.0	2.39	86.5	2.45	89.9	2.51	92.4	2.56
		30.4	65.5	1.43	70.9	1.71	77.3	1.98	84.0	2.23	86.5	2.29	89.9	2.35	92.4	2.39
		38.0	65.5	1.40	70.9	1.67	77.3	1.94	84.0	2.20	86.5	2.25	89.9	2.31	92.4	2.33
		45.6	65.5	1.38	70.9	1.65	77.3	1.93	84.0	2.18	86.5	2.23	89.9	2.28	92.4	2.30
	67	12.2	65.5	1.97	70.9	2.29	77.3	2.66	84.0	3.00	86.5	3.07	89.9	3.15	92.4	3.20
		15.2	65.5	1.93	70.9	2.25	77.3	2.62	84.0	2.95	86.5	3.02	89.9	3.10	92.4	3.15
		30.4	65.5	1.77	70.9	2.10	77.3	2.45	84.0	2.76	86.5	2.82	89.9	2.90	92.4	2.95
		38.0	65.5	1.73	70.9	2.06	77.3	2.40	84.0	2.71	86.5	2.78	89.9	2.85	92.4	2.87
		45.6	65.5	1.70	70.9	2.04	77.3	2.37	84.0	2.68	86.5	2.75	89.9	2.82	92.4	2.83
	75	12.2	65.5	2.40	70.9	2.79	77.3	3.25	84.0	3.66	86.5	3.75	89.9	3.84	92.4	3.90
		15.2	65.5	2.35	70.9	2.74	77.3	3.20	84.0	3.60	86.5	3.69	89.9	3.78	92.4	3.84
		30.4	65.5	2.16	70.9	2.56	77.3	2.99	84.0	3.36	86.5	3.44	89.9	3.54	92.4	3.60
		38.0	65.5	2.10	70.9	2.51	77.3	2.92	84.0	3.30	86.5	3.38	89.9	3.47	92.4	3.50
		45.6	65.5	2.07	70.9	2.48	77.3	2.89	84.0	3.27	86.5	3.35	89.9	3.43	92.4	3.46
	86	12.2	65.5	2.95	70.9	3.43	77.3	3.99	84.0	4.50	86.5	4.61	89.9	4.72	92.4	4.81
		15.2	65.5	2.89	70.9	3.37	77.3	3.93	84.0	4.43	86.5	4.53	89.9	4.64	92.4	4.73
		30.4	65.5	2.66	70.9	3.15	77.3	3.68	84.0	4.14	86.5	4.24	89.9	4.34	92.4	4.42
		38.0	65.5	2.59	70.9	3.09	77.3	3.60	84.0	4.06	86.5	4.16	89.9	4.27	92.4	4.31
		45.6	65.5	2.55	70.9	3.06	77.3	3.56	84.0	4.02	86.5	4.11	89.9	4.23	92.4	4.26
	95	12.2	65.5	3.28	70.9	3.81	77.3	4.44	84.0	5.00	86.5	5.12	89.9	5.24	92.4	5.34
		15.2	65.5	3.21	70.9	3.75	77.3	4.37	84.0	4.92	86.5	5.03	89.9	5.16	92.4	5.25
		30.4	65.5	2.96	70.9	3.50	77.3	4.09	84.0	4.60	86.5	4.71	89.9	4.83	92.4	4.92
		38.0	65.5	2.88	70.9	3.43	77.3	4.00	84.0	4.51	86.5	4.62	89.9	4.74	92.4	4.79
		45.6	65.5	2.84	70.9	3.40	77.3	3.96	84.0	4.46	86.5	4.57	89.9	4.69	92.4	4.73
	104	12.2	65.5	3.89	70.9	4.51	77.3	5.26	84.0	5.92	86.5	6.07	89.9	6.21	92.4	6.32
		15.2	65.5	3.81	70.9	4.44	77.3	5.18	84.0	5.83	86.5	5.97	89.9	6.11	92.4	6.22
		30.4	65.5	3.50	70.9	4.16	77.3	4.84	84.0	5.45	86.5	5.57	89.9	5.72	92.4	5.83
		38.0	65.5	3.40	70.9	4.06	77.3	4.74	84.0	5.34	86.5	5.47	89.9	5.61	92.4	5.67
		45.6	65.5	3.35	70.9	4.01	77.3	4.69	84.0	5.29	86.5	5.42	89.9	5.56	92.4	5.59

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

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MULTI V WATER IV

COOLING CAPACITY DATA

ARWN121DAS4, ARWB121DAS4

121,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
70	113	12.2	65.5	4.50	70.9	5.21	77.3	6.08	84.0	6.85	86.5	7.02	89.9	7.17	92.4	7.30
		15.2	65.5	4.41	70.9	5.13	77.3	5.98	84.0	6.74	86.5	6.90	89.9	7.06	92.4	7.18
		30.4	65.5	4.05	70.9	4.81	77.3	5.59	84.0	6.30	86.5	6.44	89.9	6.60	92.4	6.74
		38.0	65.5	3.93	70.9	4.69	77.3	5.47	84.0	6.17	86.5	6.33	89.9	6.49	92.4	6.55
		45.6	65.5	3.87	70.9	4.63	77.3	5.41	84.0	6.11	86.5	6.27	89.9	6.44	92.4	6.45
60	23	8.1	56.2	0.94	60.8	1.08	66.3	1.27	72.0	1.43	74.2	1.46	77.0	1.49	79.2	1.54
	32	9.0	56.2	0.94	60.8	1.08	66.3	1.27	72.0	1.43	74.2	1.46	77.0	1.49	79.2	1.54
	41	10.4	56.2	0.94	60.8	1.08	66.3	1.27	72.0	1.43	74.2	1.46	77.0	1.49	79.2	1.54
	50	12.2	56.2	0.94	60.8	1.08	66.3	1.27	72.0	1.43	74.2	1.46	77.0	1.49	79.2	1.54
		15.2	56.2	0.92	60.8	1.06	66.3	1.25	72.0	1.40	74.2	1.44	77.0	1.47	79.2	1.51
		30.4	56.2	0.84	60.8	0.99	66.3	1.17	72.0	1.30	74.2	1.35	77.0	1.38	79.2	1.40
		38.0	56.2	0.82	60.8	0.99	66.3	1.15	72.0	1.29	74.2	1.33	77.0	1.35	79.2	1.37
		45.6	56.2	0.81	60.8	0.99	66.3	1.14	72.0	1.28	74.2	1.32	77.0	1.33	79.2	1.36
	59	12.2	56.2	1.27	60.8	1.47	66.3	1.72	72.0	1.94	74.2	1.98	77.0	2.03	79.2	2.07
		15.2	56.2	1.25	60.8	1.45	66.3	1.69	72.0	1.91	74.2	1.95	77.0	2.00	79.2	2.04
		30.4	56.2	1.14	60.8	1.36	66.3	1.58	72.0	1.78	74.2	1.83	77.0	1.87	79.2	1.91
		38.0	56.2	1.11	60.8	1.33	66.3	1.55	72.0	1.75	74.2	1.80	77.0	1.83	79.2	1.86
		45.6	56.2	1.10	60.8	1.32	66.3	1.54	72.0	1.73	74.2	1.78	77.0	1.82	79.2	1.83
	67	12.2	56.2	1.57	60.8	1.83	66.3	2.12	72.0	2.39	74.2	2.45	77.0	2.51	79.2	2.55
		15.2	56.2	1.54	60.8	1.80	66.3	2.09	72.0	2.35	74.2	2.41	77.0	2.47	79.2	2.51
		30.4	56.2	1.41	60.8	1.68	66.3	1.95	72.0	2.20	74.2	2.25	77.0	2.31	79.2	2.35
		38.0	56.2	1.37	60.8	1.64	66.3	1.91	72.0	2.16	74.2	2.21	77.0	2.27	79.2	2.29
		45.6	56.2	1.35	60.8	1.62	66.3	1.89	72.0	2.13	74.2	2.19	77.0	2.24	79.2	2.26
	75	12.2	56.2	1.91	60.8	2.22	66.3	2.59	72.0	2.92	74.2	2.99	77.0	3.06	79.2	3.12
		15.2	56.2	1.87	60.8	2.19	66.3	2.55	72.0	2.87	74.2	2.94	77.0	3.01	79.2	3.07
		30.4	56.2	1.73	60.8	2.05	66.3	2.38	72.0	2.68	74.2	2.74	77.0	2.81	79.2	2.87
		38.0	56.2	1.68	60.8	2.00	66.3	2.34	72.0	2.63	74.2	2.70	77.0	2.77	79.2	2.79
		45.6	56.2	1.65	60.8	1.98	66.3	2.31	72.0	2.60	74.2	2.67	77.0	2.74	79.2	2.75
	86	12.2	56.2	2.35	60.8	2.73	66.3	3.19	72.0	3.59	74.2	3.67	77.0	3.76	79.2	3.83
		15.2	56.2	2.31	60.8	2.69	66.3	3.14	72.0	3.53	74.2	3.61	77.0	3.70	79.2	3.77
		30.4	56.2	2.12	60.8	2.52	66.3	2.93	72.0	3.30	74.2	3.38	77.0	3.47	79.2	3.53
		38.0	56.2	2.06	60.8	2.46	66.3	2.87	72.0	3.24	74.2	3.32	77.0	3.40	79.2	3.43
		45.6	56.2	2.03	60.8	2.43	66.3	2.84	72.0	3.21	74.2	3.29	77.0	3.37	79.2	3.39
	95	12.2	56.2	2.62	60.8	3.04	66.3	3.54	72.0	3.98	74.2	4.08	77.0	4.18	79.2	4.25
		15.2	56.2	2.56	60.8	2.99	66.3	3.48	72.0	3.92	74.2	4.01	77.0	4.12	79.2	4.19
		30.4	56.2	2.36	60.8	2.79	66.3	3.25	72.0	3.67	74.2	3.76	77.0	3.85	79.2	3.92
		38.0	56.2	2.29	60.8	2.74	66.3	3.19	72.0	3.59	74.2	3.69	77.0	3.78	79.2	3.82
		45.6	56.2	2.25	60.8	2.71	66.3	3.16	72.0	3.55	74.2	3.65	77.0	3.74	79.2	3.77
	104	12.2	56.2	3.10	60.8	3.60	66.3	4.19	72.0	4.72	74.2	4.83	77.0	4.95	79.2	5.04
		15.2	56.2	3.03	60.8	3.54	66.3	4.12	72.0	4.64	74.2	4.75	77.0	4.87	79.2	4.96
		30.4	56.2	2.79	60.8	3.31	66.3	3.86	72.0	4.34	74.2	4.45	77.0	4.56	79.2	4.64
		38.0	56.2	2.71	60.8	3.24	66.3	3.78	72.0	4.26	74.2	4.36	77.0	4.48	79.2	4.52
		45.6	56.2	2.67	60.8	3.20	66.3	3.74	72.0	4.21	74.2	4.32	77.0	4.44	79.2	4.45
	113	12.2	56.2	3.58	60.8	4.17	66.3	4.84	72.0	5.45	74.2	5.58	77.0	5.71	79.2	5.83
		15.2	56.2	3.50	60.8	4.10	66.3	4.77	72.0	5.36	74.2	5.49	77.0	5.62	79.2	5.74
		30.4	56.2	3.22	60.8	3.83	66.3	4.46	72.0	5.02	74.2	5.14	77.0	5.26	79.2	5.36
		38.0	56.2	3.14	60.8	3.74	66.3	4.37	72.0	4.92	74.2	5.03	77.0	5.18	79.2	5.21
		45.6	56.2	3.09	60.8	3.70	66.3	4.32	72.0	4.88	74.2	4.98	77.0	5.13	79.2	5.14
50	23	8.1	46.8	0.71	50.7	0.80	55.2	0.94	60.0	1.05	61.8	1.10	64.2	1.11	66.0	1.15
	32	9.0	46.8	0.71	50.7	0.80	55.2	0.94	60.0	1.05	61.8	1.10	64.2	1.11	66.0	1.15
	41	10.4	46.8	0.71	50.7	0.80	55.2	0.94	60.0	1.05	61.8	1.10	64.2	1.11	66.0	1.15
	50	12.2	46.8	0.71	50.7	0.80	55.2	0.94	60.0	1.05	61.8	1.10	64.2	1.11	66.0	1.15
		15.2	46.8	0.69	50.7	0.79	55.2	0.93	60.0	1.04	61.8	1.08	64.2	1.09	66.0	1.12
		30.4	46.8	0.63	50.7	0.75	55.2	0.88	60.0	0.99	61.8	1.01	64.2	1.03	66.0	1.04
		38.0	46.8	0.61	50.7	0.74	55.2	0.86	60.0	0.96	61.8	0.98	64.2	1.01	66.0	1.03
		45.6	46.8	0.60	50.7	0.74	55.2	0.85	60.0	0.94	61.8	0.96	64.2	1.00	66.0	1.02
	59	12.2	46.8	0.95	50.7	1.10	55.2	1.28	60.0	1.44	61.8	1.48	64.2	1.51	66.0	1.55
		15.2	46.8	0.93	50.7	1.08	55.2	1.26	60.0	1.42	61.8	1.46	64.2	1.49	66.0	1.52
		30.4	46.8	0.85	50.7	1.01	55.2	1.18	60.0	1.33	61.8	1.36	64.2	1.40	66.0	1.42
		38.0	46.8	0.83	50.7	1.00	55.2	1.16	60.0	1.30	61.8	1.33	64.2	1.37	66.0	1.39
		45.6	46.8	0.82	50.7	0.99	55.2	1.15	60.0	1.29	61.8	1.32	64.2	1.36	66.0	1.37

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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COOLING CAPACITY DATA

ARWN121DAS4, ARWB121DAS4

121,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
50	67	12.2	46.8	1.17	50.7	1.36	55.2	1.59	60.0	1.79	61.8	1.83	64.2	1.87	66.0	1.90
		15.2	46.8	1.14	50.7	1.34	55.2	1.56	60.0	1.76	61.8	1.80	64.2	1.84	66.0	1.87
		30.4	46.8	1.05	50.7	1.25	55.2	1.46	60.0	1.64	61.8	1.68	64.2	1.73	66.0	1.76
		38.0	46.8	1.03	50.7	1.22	55.2	1.43	60.0	1.61	61.8	1.65	64.2	1.69	66.0	1.71
		45.6	46.8	1.02	50.7	1.21	55.2	1.41	60.0	1.59	61.8	1.63	64.2	1.68	66.0	1.69
	75	12.2	46.8	1.42	50.7	1.66	55.2	1.93	60.0	2.18	61.8	2.22	64.2	2.28	66.0	2.32
		15.2	46.8	1.40	50.7	1.63	55.2	1.90	60.0	2.14	61.8	2.19	64.2	2.24	66.0	2.28
		30.4	46.8	1.29	50.7	1.52	55.2	1.78	60.0	2.00	61.8	2.05	64.2	2.10	66.0	2.14
		38.0	46.8	1.25	50.7	1.49	55.2	1.74	60.0	1.96	61.8	2.01	64.2	2.06	66.0	2.09
		45.6	46.8	1.23	50.7	1.47	55.2	1.72	60.0	1.94	61.8	1.99	64.2	2.04	66.0	2.06
	86	12.2	46.8	1.75	50.7	2.04	55.2	2.37	60.0	2.68	61.8	2.74	64.2	2.80	66.0	2.85
		15.2	46.8	1.72	50.7	2.01	55.2	2.34	60.0	2.63	61.8	2.70	64.2	2.76	66.0	2.81
		30.4	46.8	1.58	50.7	1.87	55.2	2.19	60.0	2.46	61.8	2.52	64.2	2.59	66.0	2.63
		38.0	46.8	1.54	50.7	1.83	55.2	2.14	60.0	2.42	61.8	2.47	64.2	2.53	66.0	2.56
		45.6	46.8	1.51	50.7	1.82	55.2	2.12	60.0	2.39	61.8	2.45	64.2	2.51	66.0	2.53
	95	12.2	46.8	1.95	50.7	2.26	55.2	2.64	60.0	2.97	61.8	3.04	64.2	3.12	66.0	3.17
		15.2	46.8	1.91	50.7	2.23	55.2	2.60	60.0	2.92	61.8	3.00	64.2	3.07	66.0	3.12
		30.4	46.8	1.76	50.7	2.09	55.2	2.43	60.0	2.74	61.8	2.80	64.2	2.87	66.0	2.92
		38.0	46.8	1.71	50.7	2.04	55.2	2.38	60.0	2.68	61.8	2.74	64.2	2.81	66.0	2.85
		45.6	46.8	1.69	50.7	2.02	55.2	2.35	60.0	2.65	61.8	2.72	64.2	2.79	66.0	2.81
	104	12.2	46.8	2.31	50.7	2.69	55.2	3.12	60.0	3.52	61.8	3.60	64.2	3.69	66.0	3.76
		15.2	46.8	2.27	50.7	2.64	55.2	3.07	60.0	3.47	61.8	3.54	64.2	3.63	66.0	3.70
		30.4	46.8	2.08	50.7	2.47	55.2	2.88	60.0	3.24	61.8	3.32	64.2	3.40	66.0	3.46
		38.0	46.8	2.02	50.7	2.42	55.2	2.81	60.0	3.18	61.8	3.25	64.2	3.33	66.0	3.37
		45.6	46.8	2.00	50.7	2.39	55.2	2.78	60.0	3.14	61.8	3.22	64.2	3.30	66.0	3.33
	113	12.2	46.8	2.67	50.7	3.11	55.2	3.61	60.0	4.07	61.8	4.16	64.2	4.26	66.0	4.35
		15.2	46.8	2.62	50.7	3.06	55.2	3.55	60.0	4.01	61.8	4.09	64.2	4.19	66.0	4.28
		30.4	46.8	2.40	50.7	2.85	55.2	3.32	60.0	3.74	61.8	3.83	64.2	3.94	66.0	3.99
		38.0	46.8	2.34	50.7	2.79	55.2	3.25	60.0	3.67	61.8	3.76	64.2	3.85	66.0	3.90
		45.6	46.8	2.31	50.7	2.76	55.2	3.22	60.0	3.63	61.8	3.73	64.2	3.81	66.0	3.85

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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MULTI V WATER IV

COOLING CAPACITY DATA

ARWN144DAS4, ARWB144DAS4

144,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
130	23	9.4	133.8	2.72	145.0	3.20	157.8	3.72	171.5	4.17	176.7	4.27	183.5	4.41	188.7	4.47
	32	10.5	133.8	2.72	145.0	3.20	157.8	3.72	171.5	4.17	176.7	4.27	183.5	4.41	188.7	4.47
	41	12.1	133.8	2.72	145.0	3.20	157.8	3.72	171.5	4.17	176.7	4.27	183.5	4.41	188.7	4.47
	50	14.2	133.8	2.72	145.0	3.20	157.8	3.72	171.5	4.17	176.7	4.27	183.5	4.41	188.7	4.47
		17.8	133.8	2.68	145.0	3.14	157.8	3.66	171.5	4.11	176.7	4.20	183.5	4.33	188.7	4.40
		35.5	133.8	2.48	145.0	2.91	157.8	3.40	171.5	3.84	176.7	3.95	183.5	4.03	188.7	4.13
		44.4	133.8	2.41	145.0	2.87	157.8	3.35	171.5	3.75	176.7	3.87	183.5	3.97	188.7	4.02
		53.3	133.8	2.38	145.0	2.85	157.8	3.32	171.5	3.71	176.7	3.82	183.5	3.93	188.7	3.96
	59	14.2	131.7	3.59	142.6	4.19	155.3	4.88	168.8	5.48	173.9	5.61	180.6	5.76	185.7	5.86
		17.8	131.7	3.52	142.6	4.12	155.3	4.80	168.8	5.39	173.9	5.52	180.6	5.67	185.7	5.77
		35.5	131.7	3.25	142.6	3.84	155.3	4.48	168.8	5.05	173.9	5.18	180.6	5.31	185.7	5.42
		44.4	131.7	3.16	142.6	3.77	155.3	4.39	168.8	4.94	173.9	5.08	180.6	5.21	185.7	5.29
		53.3	131.7	3.12	142.6	3.73	155.3	4.35	168.8	4.89	173.9	5.02	180.6	5.15	185.7	5.23
	67	14.2	129.8	4.37	140.5	5.07	153.1	5.91	166.4	6.65	171.4	6.81	178.0	6.96	183.0	7.10
		17.8	129.8	4.28	140.5	4.99	153.1	5.81	166.4	6.54	171.4	6.70	178.0	6.86	183.0	6.99
		35.5	129.8	3.93	140.5	4.67	153.1	5.44	166.4	6.12	171.4	6.26	178.0	6.44	183.0	6.57
		44.4	129.8	3.83	140.5	4.57	153.1	5.32	166.4	6.00	171.4	6.15	178.0	6.31	183.0	6.42
		53.3	129.8	3.78	140.5	4.52	153.1	5.26	166.4	5.94	171.4	6.09	178.0	6.24	183.0	6.35
	75	14.2	129.8	5.38	140.5	6.25	153.1	7.28	166.4	8.21	171.4	8.40	178.0	8.60	183.0	8.74
		17.8	129.8	5.28	140.5	6.15	153.1	7.16	166.4	8.08	171.4	8.27	178.0	8.47	183.0	8.61
		35.5	129.8	4.86	140.5	5.76	153.1	6.70	166.4	7.54	171.4	7.73	178.0	7.95	183.0	8.09
		44.4	129.8	4.71	140.5	5.63	153.1	6.57	166.4	7.40	171.4	7.58	178.0	7.79	183.0	7.92
		53.3	129.8	4.64	140.5	5.56	153.1	6.50	166.4	7.32	171.4	7.51	178.0	7.71	183.0	7.83
	86	14.2	129.8	6.47	140.5	7.50	153.1	8.74	166.4	9.85	171.4	10.08	178.0	10.33	183.0	10.50
		17.8	129.8	6.34	140.5	7.38	153.1	8.60	166.4	9.69	171.4	9.92	178.0	10.16	183.0	10.34
		35.5	129.8	5.81	140.5	6.90	153.1	8.05	166.4	9.05	171.4	9.28	178.0	9.53	183.0	9.72
		44.4	129.8	5.66	140.5	6.76	153.1	7.87	166.4	8.87	171.4	9.11	178.0	9.34	183.0	9.50
		53.3	129.8	5.57	140.5	6.68	153.1	7.79	166.4	8.79	171.4	9.02	178.0	9.24	183.0	9.39
	95	14.2	116.8	6.52	126.5	7.59	137.7	8.84	149.7	9.94	154.2	10.20	160.2	10.45	164.7	10.61
		17.8	116.8	6.39	126.5	7.47	137.7	8.70	149.7	9.79	154.2	10.03	160.2	10.28	164.7	10.45
		35.5	116.8	5.89	126.5	6.97	137.7	8.13	149.7	9.16	154.2	9.38	160.2	9.63	164.7	9.83
		44.4	116.8	5.73	126.5	6.83	137.7	7.96	149.7	8.98	154.2	9.21	160.2	9.44	164.7	9.60
		53.3	116.8	5.65	126.5	6.76	137.7	7.87	149.7	8.88	154.2	9.12	160.2	9.34	164.7	9.48
	104	14.2	103.8	6.90	112.4	8.00	122.4	9.33	133.1	10.49	137.1	10.74	142.4	11.00	146.4	11.20
		17.8	103.8	6.76	112.4	7.87	122.4	9.18	133.1	10.32	137.1	10.57	142.4	10.83	146.4	11.03
		35.5	103.8	6.21	112.4	7.37	122.4	8.58	133.1	9.66	137.1	9.90	142.4	10.16	146.4	10.37
		44.4	103.8	6.03	112.4	7.21	122.4	8.40	133.1	9.47	137.1	9.72	142.4	9.96	146.4	10.14
		53.3	103.8	5.94	112.4	7.13	122.4	8.30	133.1	9.37	137.1	9.62	142.4	9.86	146.4	10.02
	113	14.2	90.8	7.27	98.3	8.41	107.1	9.81	116.5	11.04	120.0	11.28	124.6	11.55	128.1	11.79
		17.8	90.8	7.12	98.3	8.28	107.1	9.66	116.5	10.86	120.0	11.11	124.6	11.38	128.1	11.61
		35.5	90.8	6.53	98.3	7.76	107.1	9.03	116.5	10.15	120.0	10.43	124.6	10.70	128.1	10.90
		44.4	90.8	6.34	98.3	7.58	107.1	8.83	116.5	9.96	120.0	10.22	124.6	10.48	128.1	10.67
		53.3	90.8	6.24	98.3	7.50	107.1	8.73	116.5	9.87	120.0	10.12	124.6	10.37	128.1	10.56
120	23	9.4	126.7	2.60	137.2	3.03	149.4	3.51	162.3	3.95	167.3	4.08	173.8	4.17	178.6	4.22
	32	10.5	126.7	2.60	137.2	3.03	149.4	3.51	162.3	3.95	167.3	4.08	173.8	4.17	178.6	4.22
	41	12.1	126.7	2.60	137.2	3.03	149.4	3.51	162.3	3.95	167.3	4.08	173.8	4.17	178.6	4.22
	50	14.2	126.7	2.60	137.2	3.03	149.4	3.51	162.3	3.95	167.3	4.08	173.8	4.17	178.6	4.22
		17.8	126.7	2.55	137.2	2.98	149.4	3.46	162.3	3.89	167.3	4.00	173.8	4.10	178.6	4.16
		35.5	126.7	2.34	137.2	2.79	149.4	3.25	162.3	3.64	167.3	3.72	173.8	3.82	178.6	3.90
		44.4	126.7	2.27	137.2	2.70	149.4	3.18	162.3	3.55	167.3	3.67	173.8	3.75	178.6	3.82
		53.3	126.7	2.23	137.2	2.65	149.4	3.14	162.3	3.51	167.3	3.64	173.8	3.72	178.6	3.78
	59	14.2	125.2	3.45	135.6	4.01	147.7	4.66	160.5	5.25	165.4	5.38	171.8	5.51	176.6	5.59
		17.8	125.2	3.38	135.6	3.94	147.7	4.58	160.5	5.16	165.4	5.29	171.8	5.42	176.6	5.51
		35.5	125.2	3.10	135.6	3.68	147.7	4.29	160.5	4.83	165.4	4.94	171.8	5.08	176.6	5.18
		44.4	125.2	3.02	135.6	3.60	147.7	4.21	160.5	4.73	165.4	4.86	171.8	4.97	176.6	5.06
		53.3	125.2	2.97	135.6	3.55	147.7	4.16	160.5	4.68	165.4	4.81	171.8	4.92	176.6	5.00
	67	14.2	123.9	4.20	134.2	4.88	146.2	5.67	158.9	6.40	163.7	6.54	170.0	6.70	174.8	6.82
		17.8	123.9	4.12	134.2	4.80	146.2	5.58	158.9	6.29	163.7	6.44	170.0	6.60	174.8	6.71
		35.5	123.9	3.78	134.2	4.48	146.2	5.22	158.9	5.89	163.7	6.03	170.0	6.19	174.8	6.31
		44.4	123.9	3.68	134.2	4.39	146.2	5.12	158.9	5.77	163.7	5.92	170.0	6.06	174.8	6.16
		53.3	123.9	3.63	134.2	4.35	146.2	5.07	158.9	5.71	163.7	5.86	170.0	6.00	174.8	6.09

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

Due to our policy of continuous product innovation, some specifications may change without notification.
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COOLING CAPACITY DATA

ARWN144DAS4, ARWB144DAS4

144,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
120	75	14.2	123.9	5.16	134.2	6.00	146.2	6.99	158.9	7.85	163.7	8.05	170.0	8.25	174.8	8.39
		17.8	123.9	5.06	134.2	5.90	146.2	6.87	158.9	7.73	163.7	7.92	170.0	8.12	174.8	8.27
		35.5	123.9	4.65	134.2	5.51	146.2	6.42	158.9	7.24	163.7	7.41	170.0	7.60	174.8	7.76
		44.4	123.9	4.52	134.2	5.39	146.2	6.29	158.9	7.09	163.7	7.26	170.0	7.45	174.8	7.57
		53.3	123.9	4.46	134.2	5.34	146.2	6.23	158.9	7.02	163.7	7.19	170.0	7.38	174.8	7.47
	86	14.2	123.9	6.23	134.2	7.25	146.2	8.45	158.9	9.51	163.7	9.72	170.0	9.97	174.8	10.15
		17.8	123.9	6.10	134.2	7.13	146.2	8.31	158.9	9.35	163.7	9.57	170.0	9.82	174.8	9.99
		35.5	123.9	5.63	134.2	6.67	146.2	7.76	158.9	8.74	163.7	8.96	170.0	9.19	174.8	9.37
		44.4	123.9	5.47	134.2	6.53	146.2	7.60	158.9	8.57	163.7	8.79	170.0	9.02	174.8	9.15
		53.3	123.9	5.39	134.2	6.45	146.2	7.52	158.9	8.48	163.7	8.70	170.0	8.93	174.8	9.04
	95	14.2	113.4	6.39	122.8	7.43	133.8	8.65	145.4	9.74	149.8	9.98	155.6	10.21	160.0	10.40
		17.8	113.4	6.26	122.8	7.31	133.8	8.51	145.4	9.58	149.8	9.82	155.6	10.05	160.0	10.24
		35.5	113.4	5.76	122.8	6.83	133.8	7.96	145.4	8.96	149.8	9.18	155.6	9.43	160.0	9.60
		44.4	113.4	5.60	122.8	6.68	133.8	7.80	145.4	8.79	149.8	9.00	155.6	9.24	160.0	9.38
		53.3	113.4	5.52	122.8	6.61	133.8	7.72	145.4	8.70	149.8	8.92	155.6	9.14	160.0	9.27
	104	14.2	102.9	6.88	111.4	7.99	121.4	9.31	131.9	10.48	135.9	10.73	141.2	10.99	145.1	11.19
		17.8	102.9	6.74	111.4	7.86	121.4	9.16	131.9	10.31	135.9	10.56	141.2	10.82	145.1	11.02
		35.5	102.9	6.21	111.4	7.35	121.4	8.57	131.9	9.64	135.9	9.87	141.2	10.14	145.1	10.34
		44.4	102.9	6.03	111.4	7.19	121.4	8.40	131.9	9.45	135.9	9.70	141.2	9.95	145.1	10.09
		53.3	102.9	5.94	111.4	7.11	121.4	8.31	131.9	9.36	135.9	9.61	141.2	9.85	145.1	9.97
	113	14.2	92.4	7.36	100.0	8.55	109.0	9.98	118.4	11.21	122.0	11.48	126.8	11.77	130.2	11.99
		17.8	92.4	7.22	100.0	8.41	109.0	9.82	118.4	11.03	122.0	11.30	126.8	11.59	130.2	11.80
		35.5	92.4	6.66	100.0	7.87	109.0	9.18	118.4	10.32	122.0	10.57	126.8	10.85	130.2	11.08
		44.4	92.4	6.47	100.0	7.70	109.0	8.99	118.4	10.12	122.0	10.40	126.8	10.66	130.2	10.80
		53.3	92.4	6.37	100.0	7.61	109.0	8.90	118.4	10.02	122.0	10.31	126.8	10.56	130.2	10.66
110	23	9.4	119.6	2.45	129.4	2.84	141.0	3.33	153.2	3.73	157.7	3.81	163.8	3.94	168.5	3.99
	32	10.5	119.6	2.45	129.4	2.84	141.0	3.33	153.2	3.73	157.7	3.81	163.8	3.94	168.5	3.99
	41	12.1	119.6	2.45	129.4	2.84	141.0	3.33	153.2	3.73	157.7	3.81	163.8	3.94	168.5	3.99
	50	14.2	119.6	2.45	129.4	2.84	141.0	3.33	153.2	3.73	157.7	3.81	163.8	3.94	168.5	3.99
		17.8	119.6	2.40	129.4	2.79	141.0	3.27	153.2	3.67	157.7	3.76	163.8	3.87	168.5	3.93
		35.5	119.6	2.21	129.4	2.61	141.0	3.05	153.2	3.44	157.7	3.54	163.8	3.62	168.5	3.67
		44.4	119.6	2.15	129.4	2.56	141.0	2.97	153.2	3.38	157.7	3.43	163.8	3.55	168.5	3.59
		53.3	119.6	2.12	129.4	2.53	141.0	2.94	153.2	3.35	157.7	3.38	163.8	3.51	168.5	3.55
	59	14.2	118.8	3.28	128.6	3.82	140.1	4.45	152.3	5.01	156.8	5.13	162.9	5.26	167.5	5.35
		17.8	118.8	3.22	128.6	3.76	140.1	4.38	152.3	4.93	156.8	5.05	162.9	5.18	167.5	5.26
		35.5	118.8	2.96	128.6	3.51	140.1	4.09	152.3	4.61	156.8	4.73	162.9	4.84	167.5	4.93
		44.4	118.8	2.89	128.6	3.44	140.1	4.00	152.3	4.52	156.8	4.63	162.9	4.76	167.5	4.81
		53.3	118.8	2.85	128.6	3.40	140.1	3.96	152.3	4.48	156.8	4.57	162.9	4.71	167.5	4.76
	67	14.2	118.1	4.02	127.9	4.69	139.3	5.45	151.5	6.15	156.0	6.29	162.1	6.44	166.6	6.56
		17.8	118.1	3.94	127.9	4.61	139.3	5.37	151.5	6.05	156.0	6.19	162.1	6.34	166.6	6.45
		35.5	118.1	3.63	127.9	4.31	139.3	5.02	151.5	5.66	156.0	5.79	162.1	5.93	166.6	6.05
		44.4	118.1	3.54	127.9	4.22	139.3	4.92	151.5	5.54	156.0	5.68	162.1	5.83	166.6	5.90
		53.3	118.1	3.49	127.9	4.18	139.3	4.86	151.5	5.48	156.0	5.63	162.1	5.78	166.6	5.83
	75	14.2	118.1	4.92	127.9	5.73	139.3	6.67	151.5	7.52	156.0	7.69	162.1	7.88	166.6	8.03
		17.8	118.1	4.83	127.9	5.64	139.3	6.57	151.5	7.40	156.0	7.57	162.1	7.76	166.6	7.90
		35.5	118.1	4.45	127.9	5.28	139.3	6.15	151.5	6.92	156.0	7.09	162.1	7.26	166.6	7.41
		44.4	118.1	4.32	127.9	5.16	139.3	6.02	151.5	6.79	156.0	6.95	162.1	7.13	166.6	7.22
		53.3	118.1	4.26	127.9	5.10	139.3	5.95	151.5	6.72	156.0	6.87	162.1	7.07	166.6	7.13
	86	14.2	118.1	6.00	127.9	6.99	139.3	8.14	151.5	9.17	156.0	9.39	162.1	9.60	166.6	9.78
		17.8	118.1	5.89	127.9	6.87	139.3	8.00	151.5	9.02	156.0	9.24	162.1	9.45	166.6	9.63
		35.5	118.1	5.42	127.9	6.42	139.3	7.48	151.5	8.42	156.0	8.64	162.1	8.86	166.6	9.02
		44.4	118.1	5.28	127.9	6.29	139.3	7.34	151.5	8.27	156.0	8.47	162.1	8.69	166.6	8.80
		53.3	118.1	5.20	127.9	6.23	139.3	7.26	151.5	8.18	156.0	8.38	162.1	8.60	166.6	8.69
	95	14.2	110.1	6.26	119.2	7.27	129.8	8.46	141.1	9.54	145.3	9.76	151.0	9.99	155.2	10.18
		17.8	110.1	6.13	119.2	7.15	129.8	8.32	141.1	9.38	145.3	9.60	151.0	9.83	155.2	10.02
		35.5	110.1	5.64	119.2	6.68	129.8	7.79	141.1	8.77	145.3	8.98	151.0	9.21	155.2	9.38
		44.4	110.1	5.48	119.2	6.54	129.8	7.63	141.1	8.60	145.3	8.82	151.0	9.03	155.2	9.15
		53.3	110.1	5.40	119.2	6.47	129.8	7.55	141.1	8.51	145.3	8.74	151.0	8.95	155.2	9.03

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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COOLING CAPACITY DATA

ARWN144DAS4, ARWB144DAS4

144,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
110	104	14.2	102.0	6.86	110.5	7.99	120.3	9.30	130.8	10.46	134.7	10.71	139.9	10.97	143.8	11.18
		17.8	102.0	6.73	110.5	7.86	120.3	9.15	130.8	10.30	134.7	10.54	139.9	10.80	143.8	11.01
		35.5	102.0	6.19	110.5	7.34	120.3	8.56	130.8	9.63	134.7	9.86	139.9	10.12	143.8	10.31
		44.4	102.0	6.02	110.5	7.18	120.3	8.38	130.8	9.44	134.7	9.69	139.9	9.93	143.8	10.05
		53.3	102.0	5.93	110.5	7.10	120.3	8.29	130.8	9.34	134.7	9.60	139.9	9.84	143.8	9.92
	113	14.2	93.9	7.47	101.8	8.72	110.8	10.14	120.5	11.39	124.1	11.67	128.8	11.96	132.4	12.18
		17.8	93.9	7.32	101.8	8.57	110.8	9.98	120.5	11.21	124.1	11.48	128.8	11.77	132.4	11.99
		35.5	93.9	6.74	101.8	7.99	110.8	9.32	120.5	10.48	124.1	10.74	128.8	11.03	132.4	11.24
		44.4	93.9	6.55	101.8	7.82	110.8	9.14	120.5	10.28	124.1	10.56	128.8	10.83	132.4	10.95
		53.3	93.9	6.46	101.8	7.73	110.8	9.04	120.5	10.18	124.1	10.46	128.8	10.73	132.4	10.80
100	23	9.4	112.3	2.32	121.6	2.70	132.5	3.10	144.0	3.53	148.3	3.58	154.1	3.70	158.4	3.77
	32	10.5	112.3	2.32	121.6	2.70	132.5	3.10	144.0	3.53	148.3	3.58	154.1	3.70	158.4	3.77
	41	12.1	112.3	2.32	121.6	2.70	132.5	3.10	144.0	3.53	148.3	3.58	154.1	3.70	158.4	3.77
	50	14.2	112.3	2.32	121.6	2.70	132.5	3.10	144.0	3.53	148.3	3.58	154.1	3.70	158.4	3.77
		17.8	112.3	2.27	121.6	2.65	132.5	3.05	144.0	3.47	148.3	3.53	154.1	3.64	158.4	3.71
		35.5	112.3	2.09	121.6	2.47	132.5	2.87	144.0	3.25	148.3	3.32	154.1	3.40	158.4	3.47
		44.4	112.3	2.02	121.6	2.41	132.5	2.80	144.0	3.18	148.3	3.25	154.1	3.33	158.4	3.36
		53.3	112.3	1.99	121.6	2.38	132.5	2.77	144.0	3.15	148.3	3.21	154.1	3.30	158.4	3.30
	59	14.2	112.3	3.14	121.6	3.64	132.5	4.23	144.0	4.77	148.3	4.88	154.1	5.01	158.4	5.10
		17.8	112.3	3.07	121.6	3.58	132.5	4.16	144.0	4.70	148.3	4.80	154.1	4.93	158.4	5.02
		35.5	112.3	2.83	121.6	3.35	132.5	3.90	144.0	4.39	148.3	4.50	154.1	4.61	158.4	4.70
		44.4	112.3	2.74	121.6	3.28	132.5	3.81	144.0	4.31	148.3	4.41	154.1	4.52	158.4	4.57
		53.3	112.3	2.70	121.6	3.24	132.5	3.77	144.0	4.26	148.3	4.36	154.1	4.48	158.4	4.50
	67	14.2	112.3	3.86	121.6	4.48	132.5	5.23	144.0	5.88	148.3	6.03	154.1	6.17	158.4	6.28
		17.8	112.3	3.78	121.6	4.41	132.5	5.15	144.0	5.79	148.3	5.93	154.1	6.08	158.4	6.18
		35.5	112.3	3.48	121.6	4.13	132.5	4.81	144.0	5.41	148.3	5.54	154.1	5.68	158.4	5.79
		44.4	112.3	3.38	121.6	4.05	132.5	4.71	144.0	5.31	148.3	5.44	154.1	5.58	158.4	5.64
		53.3	112.3	3.33	121.6	4.00	132.5	4.66	144.0	5.26	148.3	5.39	154.1	5.53	158.4	5.57
	75	14.2	112.3	4.70	121.6	5.47	132.5	6.37	144.0	7.18	148.3	7.36	154.1	7.53	158.4	7.66
		17.8	112.3	4.61	121.6	5.38	132.5	6.26	144.0	7.06	148.3	7.24	154.1	7.41	158.4	7.54
		35.5	112.3	4.25	121.6	5.03	132.5	5.86	144.0	6.60	148.3	6.76	154.1	6.93	158.4	7.06
		44.4	112.3	4.13	121.6	4.93	132.5	5.74	144.0	6.47	148.3	6.63	154.1	6.80	158.4	6.87
		53.3	112.3	4.07	121.6	4.88	132.5	5.68	144.0	6.40	148.3	6.56	154.1	6.73	158.4	6.78
	86	14.2	112.3	5.78	121.6	6.74	132.5	7.84	144.0	8.83	148.3	9.04	154.1	9.25	158.4	9.43
		17.8	112.3	5.67	121.6	6.63	132.5	7.71	144.0	8.69	148.3	8.89	154.1	9.11	158.4	9.28
		35.5	112.3	5.22	121.6	6.19	132.5	7.21	144.0	8.12	148.3	8.31	154.1	8.53	158.4	8.69
		44.4	112.3	5.08	121.6	6.06	132.5	7.06	144.0	7.96	148.3	8.16	154.1	8.37	158.4	8.45
		53.3	112.3	5.00	121.6	6.00	132.5	6.99	144.0	7.88	148.3	8.09	154.1	8.29	158.4	8.34
	95	14.2	106.7	6.11	115.6	7.10	125.9	8.27	136.8	9.31	140.9	9.54	146.4	9.77	150.5	9.94
		17.8	106.7	5.99	115.6	6.99	125.9	8.13	136.8	9.16	140.9	9.38	146.4	9.61	150.5	9.79
		35.5	106.7	5.51	115.6	6.54	125.9	7.61	136.8	8.57	140.9	8.77	146.4	9.00	150.5	9.16
		44.4	106.7	5.37	115.6	6.39	125.9	7.45	136.8	8.41	140.9	8.61	146.4	8.83	150.5	8.92
		53.3	106.7	5.29	115.6	6.32	125.9	7.37	136.8	8.33	140.9	8.53	146.4	8.74	150.5	8.79
	104	14.2	101.1	6.87	109.5	7.97	119.2	9.29	129.6	10.45	133.5	10.70	138.7	10.96	142.6	11.15
		17.8	101.1	6.73	109.5	7.84	119.2	9.14	129.6	10.28	133.5	10.53	138.7	10.79	142.6	10.98
		35.5	101.1	6.18	109.5	7.34	119.2	8.54	129.6	9.61	133.5	9.85	138.7	10.09	142.6	10.28
		44.4	101.1	6.02	109.5	7.18	119.2	8.37	129.6	9.43	133.5	9.66	138.7	9.90	142.6	10.01
		53.3	101.1	5.94	109.5	7.10	119.2	8.28	129.6	9.33	133.5	9.56	138.7	9.81	142.6	9.87
	113	14.2	95.5	7.62	103.4	8.84	112.5	10.30	122.4	11.58	126.1	11.86	131.0	12.16	134.7	12.36
		17.8	95.5	7.47	103.4	8.70	112.5	10.14	122.4	11.40	126.1	11.67	131.0	11.96	134.7	12.17
		35.5	95.5	6.84	103.4	8.13	112.5	9.47	122.4	10.66	126.1	10.92	131.0	11.18	134.7	11.40
		44.4	95.5	6.67	103.4	7.96	112.5	9.28	122.4	10.44	126.1	10.70	131.0	10.98	134.7	11.09
		53.3	95.5	6.58	103.4	7.87	112.5	9.19	122.4	10.33	126.1	10.59	131.0	10.87	134.7	10.94
90	23	9.4	101.1	1.97	109.5	2.29	119.2	2.68	129.6	3.03	133.5	3.08	138.7	3.15	142.6	3.25
	32	10.5	101.1	1.97	109.5	2.29	119.2	2.68	129.6	3.03	133.5	3.08	138.7	3.15	142.6	3.25
	41	12.1	101.1	1.97	109.5	2.29	119.2	2.68	129.6	3.03	133.5	3.08	138.7	3.15	142.6	3.25
	50	14.2	101.1	1.97	109.5	2.29	119.2	2.68	129.6	3.03	133.5	3.08	138.7	3.15	142.6	3.25
		17.8	101.1	1.94	109.5	2.26	119.2	2.64	129.6	2.99	133.5	3.04	138.7	3.11	142.6	3.20
		35.5	101.1	1.80	109.5	2.14	119.2	2.47	129.6	2.81	133.5	2.86	138.7	2.95	142.6	2.99
		44.4	101.1	1.74	109.5	2.06	119.2	2.43	129.6	2.72	133.5	2.80	138.7	2.89	142.6	2.89
		53.3	101.1	1.72	109.5	2.03	119.2	2.41	129.6	2.67	133.5	2.78	138.7	2.86	142.6	2.84

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

Due to our policy of continuous product innovation, some specifications may change without notification.
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COOLING CAPACITY DATA

ARWN144DAS4, ARWB144DAS4

144,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
90	59	14.2	101.1	2.69	109.5	3.12	119.2	3.64	129.6	4.11	133.5	4.20	138.7	4.30	142.6	4.39
		17.8	101.1	2.64	109.5	3.07	119.2	3.58	129.6	4.05	133.5	4.13	138.7	4.23	142.6	4.32
		35.5	101.1	2.44	109.5	2.89	119.2	3.35	129.6	3.78	133.5	3.87	138.7	3.97	142.6	4.05
		44.4	101.1	2.36	109.5	2.81	119.2	3.29	129.6	3.70	133.5	3.80	138.7	3.90	142.6	3.93
		53.3	101.1	2.33	109.5	2.78	119.2	3.26	129.6	3.65	133.5	3.76	138.7	3.86	142.6	3.87
	67	14.2	101.1	3.33	109.5	3.86	119.2	4.50	129.6	5.07	133.5	5.19	138.7	5.32	142.6	5.41
		17.8	101.1	3.26	109.5	3.80	119.2	4.42	129.6	4.99	133.5	5.10	138.7	5.23	142.6	5.32
		35.5	101.1	3.00	109.5	3.55	119.2	4.13	129.6	4.65	133.5	4.77	138.7	4.89	142.6	4.99
		44.4	101.1	2.91	109.5	3.48	119.2	4.06	129.6	4.57	133.5	4.68	138.7	4.80	142.6	4.86
		53.3	101.1	2.87	109.5	3.44	119.2	4.02	129.6	4.52	133.5	4.64	138.7	4.76	142.6	4.79
	75	14.2	101.1	4.05	109.5	4.72	119.2	5.48	129.6	6.17	133.5	6.32	138.7	6.48	142.6	6.60
		17.8	101.1	3.97	109.5	4.64	119.2	5.39	129.6	6.08	133.5	6.22	138.7	6.38	142.6	6.50
		35.5	101.1	3.65	109.5	4.34	119.2	5.05	129.6	5.68	133.5	5.81	138.7	5.97	142.6	6.08
		44.4	101.1	3.55	109.5	4.23	119.2	4.94	129.6	5.57	133.5	5.71	138.7	5.86	142.6	5.92
		53.3	101.1	3.50	109.5	4.18	119.2	4.89	129.6	5.51	133.5	5.66	138.7	5.80	142.6	5.84
	86	14.2	101.1	4.99	109.5	5.79	119.2	6.75	129.6	7.61	133.5	7.78	138.7	7.97	142.6	8.12
		17.8	101.1	4.89	109.5	5.70	119.2	6.64	129.6	7.48	133.5	7.66	138.7	7.84	142.6	7.99
		35.5	101.1	4.50	109.5	5.32	119.2	6.21	129.6	6.99	133.5	7.16	138.7	7.34	142.6	7.47
		44.4	101.1	4.36	109.5	5.22	119.2	6.08	129.6	6.86	133.5	7.02	138.7	7.21	142.6	7.28
		53.3	101.1	4.30	109.5	5.17	119.2	6.01	129.6	6.79	133.5	6.94	138.7	7.14	142.6	7.18
	95	14.2	98.3	5.39	106.4	6.25	115.9	7.28	126.0	8.19	129.8	8.39	134.8	8.59	138.6	8.75
		17.8	98.3	5.28	106.4	6.15	115.9	7.16	126.0	8.06	129.8	8.25	134.8	8.45	138.6	8.61
		35.5	98.3	4.84	106.4	5.74	115.9	6.70	126.0	7.54	129.8	7.71	134.8	7.92	138.6	8.06
		44.4	98.3	4.71	106.4	5.63	115.9	6.55	126.0	7.40	129.8	7.58	134.8	7.77	138.6	7.84
		53.3	98.3	4.65	106.4	5.57	115.9	6.48	126.0	7.32	129.8	7.52	134.8	7.70	138.6	7.73
	104	14.2	95.5	6.19	103.4	7.18	112.6	8.35	122.4	9.42	126.1	9.64	131.0	9.87	134.6	10.05
		17.8	95.5	6.06	103.4	7.06	112.6	8.22	122.4	9.27	126.1	9.48	131.0	9.72	134.6	9.89
		35.5	95.5	5.57	103.4	6.60	112.6	7.70	122.4	8.66	126.1	8.87	131.0	9.09	134.6	9.27
		44.4	95.5	5.41	103.4	6.47	112.6	7.54	122.4	8.50	126.1	8.70	131.0	8.93	134.6	9.02
		53.3	95.5	5.33	103.4	6.40	112.6	7.46	122.4	8.42	126.1	8.61	131.0	8.85	134.6	8.89
	113	14.2	92.7	6.98	100.4	8.11	109.3	9.43	118.8	10.64	122.4	10.89	127.2	11.16	130.6	11.34
		17.8	92.7	6.84	100.4	7.98	109.3	9.28	118.8	10.47	122.4	10.72	127.2	10.98	130.6	11.17
		35.5	92.7	6.29	100.4	7.45	109.3	8.70	118.8	9.77	122.4	10.03	127.2	10.27	130.6	10.47
		44.4	92.7	6.10	100.4	7.31	109.3	8.53	118.8	9.60	122.4	9.82	127.2	10.09	130.6	10.19
		53.3	92.7	6.01	100.4	7.23	109.3	8.44	118.8	9.51	122.4	9.71	127.2	10.00	130.6	10.05
80	23	9.4	89.9	1.69	97.3	1.92	106.0	2.23	115.2	2.56	118.7	2.59	123.3	2.67	126.7	2.69
	32	10.5	89.9	1.69	97.3	1.92	106.0	2.23	115.2	2.56	118.7	2.59	123.3	2.67	126.7	2.69
	41	12.1	89.9	1.69	97.3	1.92	106.0	2.23	115.2	2.56	118.7	2.59	123.3	2.67	126.7	2.69
	50	14.2	89.9	1.69	97.3	1.92	106.0	2.23	115.2	2.56	118.7	2.59	123.3	2.67	126.7	2.69
		17.8	89.9	1.65	97.3	1.90	106.0	2.20	115.2	2.51	118.7	2.55	123.3	2.62	126.7	2.65
		35.5	89.9	1.49	97.3	1.80	106.0	2.08	115.2	2.33	118.7	2.40	123.3	2.44	126.7	2.48
		44.4	89.9	1.48	97.3	1.74	106.0	2.04	115.2	2.29	118.7	2.33	123.3	2.40	126.7	2.43
		53.3	89.9	1.48	97.3	1.71	106.0	2.02	115.2	2.27	118.7	2.29	123.3	2.38	126.7	2.40
	59	14.2	89.9	2.27	97.3	2.62	106.0	3.05	115.2	3.45	118.7	3.52	123.3	3.61	126.7	3.67
		17.8	89.9	2.22	97.3	2.58	106.0	3.00	115.2	3.39	118.7	3.47	123.3	3.55	126.7	3.61
		35.5	89.9	2.03	97.3	2.42	106.0	2.81	115.2	3.16	118.7	3.25	123.3	3.32	126.7	3.38
		44.4	89.9	1.99	97.3	2.36	106.0	2.76	115.2	3.10	118.7	3.18	123.3	3.26	126.7	3.29
		53.3	89.9	1.96	97.3	2.33	106.0	2.73	115.2	3.07	118.7	3.14	123.3	3.23	126.7	3.25
	67	14.2	89.9	2.78	97.3	3.24	106.0	3.77	115.2	4.25	118.7	4.35	123.3	4.45	126.7	4.54
		17.8	89.9	2.73	97.3	3.19	106.0	3.71	115.2	4.18	118.7	4.28	123.3	4.38	126.7	4.47
		35.5	89.9	2.51	97.3	2.97	106.0	3.47	115.2	3.90	118.7	4.00	123.3	4.10	126.7	4.18
		44.4	89.9	2.44	97.3	2.91	106.0	3.39	115.2	3.83	118.7	3.93	123.3	4.03	126.7	4.06
		53.3	89.9	2.40	97.3	2.89	106.0	3.36	115.2	3.79	118.7	3.89	123.3	3.99	126.7	4.00
	75	14.2	89.9	3.40	97.3	3.95	106.0	4.60	115.2	5.17	118.7	5.31	123.3	5.44	126.7	5.53
		17.8	89.9	3.34	97.3	3.89	106.0	4.52	115.2	5.09	118.7	5.22	123.3	5.35	126.7	5.44
		35.5	89.9	3.06	97.3	3.63	106.0	4.23	115.2	4.77	118.7	4.87	123.3	5.00	126.7	5.09
		44.4	89.9	2.97	97.3	3.55	106.0	4.15	115.2	4.67	118.7	4.79	123.3	4.92	126.7	4.96
		53.3	89.9	2.93	97.3	3.52	106.0	4.10	115.2	4.62	118.7	4.74	123.3	4.87	126.7	4.89

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

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COOLING CAPACITY DATA

ARWN144DAS4, ARWB144DAS4

144,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
80	86	14.2	89.9	4.17	97.3	4.85	106.0	5.66	115.2	6.37	118.7	6.51	123.3	6.67	126.7	6.81
		17.8	89.9	4.09	97.3	4.77	106.0	5.57	115.2	6.26	118.7	6.41	123.3	6.57	126.7	6.70
		35.5	89.9	3.77	97.3	4.47	106.0	5.21	115.2	5.86	118.7	6.00	123.3	6.15	126.7	6.26
		44.4	89.9	3.67	97.3	4.36	106.0	5.09	115.2	5.74	118.7	5.89	123.3	6.03	126.7	6.10
		53.3	89.9	3.62	97.3	4.31	106.0	5.03	115.2	5.68	118.7	5.83	123.3	5.97	126.7	6.02
	95	14.2	89.9	4.64	97.3	5.39	106.0	6.28	115.2	7.07	118.7	7.25	123.3	7.43	126.7	7.56
		17.8	89.9	4.55	97.3	5.31	106.0	6.18	115.2	6.96	118.7	7.13	123.3	7.31	126.7	7.44
		35.5	89.9	4.19	97.3	4.96	106.0	5.79	115.2	6.51	118.7	6.67	123.3	6.83	126.7	6.96
		44.4	89.9	4.07	97.3	4.86	106.0	5.67	115.2	6.38	118.7	6.54	123.3	6.71	126.7	6.77
		53.3	89.9	4.02	97.3	4.81	106.0	5.61	115.2	6.31	118.7	6.47	123.3	6.66	126.7	6.68
	104	14.2	89.9	5.50	97.3	6.40	106.0	7.44	115.2	8.39	118.7	8.58	123.3	8.80	126.7	8.94
		17.8	89.9	5.39	97.3	6.29	106.0	7.32	115.2	8.25	118.7	8.44	123.3	8.66	126.7	8.80
		35.5	89.9	4.96	97.3	5.87	106.0	6.84	115.2	7.71	118.7	7.89	123.3	8.09	126.7	8.24
		44.4	89.9	4.81	97.3	5.76	106.0	6.70	115.2	7.55	118.7	7.74	123.3	7.95	126.7	8.02
		53.3	89.9	4.74	97.3	5.70	106.0	6.63	115.2	7.47	118.7	7.67	123.3	7.87	126.7	7.91
	113	14.2	89.9	6.36	97.3	7.40	106.0	8.61	115.2	9.70	118.7	9.91	123.3	10.17	126.7	10.33
		17.8	89.9	6.24	97.3	7.28	106.0	8.47	115.2	9.54	118.7	9.74	123.3	10.01	126.7	10.16
		35.5	89.9	5.73	97.3	6.79	106.0	7.90	115.2	8.92	118.7	9.11	123.3	9.35	126.7	9.51
		44.4	89.9	5.55	97.3	6.66	106.0	7.73	115.2	8.73	118.7	8.95	123.3	9.18	126.7	9.27
		53.3	89.9	5.47	97.3	6.59	106.0	7.64	115.2	8.63	118.7	8.87	123.3	9.09	126.7	9.14
70	23	9.4	78.6	1.38	85.1	1.60	92.7	1.85	100.8	2.09	103.8	2.17	107.9	2.23	110.9	2.23
	32	10.5	78.6	1.38	85.1	1.60	92.7	1.85	100.8	2.09	103.8	2.17	107.9	2.23	110.9	2.23
	41	12.1	78.6	1.38	85.1	1.60	92.7	1.85	100.8	2.09	103.8	2.17	107.9	2.23	110.9	2.23
	50	14.2	78.6	1.38	85.1	1.60	92.7	1.85	100.8	2.09	103.8	2.17	107.9	2.23	110.9	2.23
		17.8	78.6	1.35	85.1	1.58	92.7	1.83	100.8	2.06	103.8	2.14	107.9	2.19	110.9	2.20
		35.5	78.6	1.26	85.1	1.46	92.7	1.71	100.8	1.95	103.8	2.00	107.9	2.05	110.9	2.08
		44.4	78.6	1.23	85.1	1.44	92.7	1.69	100.8	1.90	103.8	1.94	107.9	1.99	110.9	2.02
		53.3	78.6	1.22	85.1	1.42	92.7	1.67	100.8	1.87	103.8	1.91	107.9	1.96	110.9	1.99
	59	14.2	78.6	1.88	85.1	2.18	92.7	2.53	100.8	2.86	103.8	2.93	107.9	3.01	110.9	3.05
		17.8	78.6	1.84	85.1	2.15	92.7	2.49	100.8	2.81	103.8	2.89	107.9	2.96	110.9	3.00
		35.5	78.6	1.70	85.1	2.00	92.7	2.33	100.8	2.64	103.8	2.70	107.9	2.77	110.9	2.81
		44.4	78.6	1.65	85.1	1.96	92.7	2.29	100.8	2.58	103.8	2.64	107.9	2.71	110.9	2.74
		53.3	78.6	1.63	85.1	1.94	92.7	2.27	100.8	2.55	103.8	2.61	107.9	2.68	110.9	2.70
	67	14.2	78.6	2.32	85.1	2.70	92.7	3.14	100.8	3.54	103.8	3.61	107.9	3.70	110.9	3.77
		17.8	78.6	2.28	85.1	2.65	92.7	3.09	100.8	3.48	103.8	3.55	107.9	3.64	110.9	3.71
		35.5	78.6	2.09	85.1	2.48	92.7	2.89	100.8	3.25	103.8	3.32	107.9	3.41	110.9	3.47
		44.4	78.6	2.03	85.1	2.42	92.7	2.83	100.8	3.19	103.8	3.26	107.9	3.35	110.9	3.38
		53.3	78.6	2.00	85.1	2.39	92.7	2.80	100.8	3.16	103.8	3.23	107.9	3.32	110.9	3.33
	75	14.2	78.6	2.82	85.1	3.29	92.7	3.81	100.8	4.30	103.8	4.41	107.9	4.51	110.9	4.60
		17.8	78.6	2.77	85.1	3.23	92.7	3.76	100.8	4.23	103.8	4.34	107.9	4.44	110.9	4.52
		35.5	78.6	2.55	85.1	3.02	92.7	3.52	100.8	3.96	103.8	4.06	107.9	4.16	110.9	4.23
		44.4	78.6	2.48	85.1	2.96	92.7	3.45	100.8	3.89	103.8	3.97	107.9	4.07	110.9	4.12
		53.3	78.6	2.44	85.1	2.93	92.7	3.41	100.8	3.85	103.8	3.93	107.9	4.03	110.9	4.06
	86	14.2	78.6	3.48	85.1	4.04	92.7	4.70	100.8	5.29	103.8	5.42	107.9	5.55	110.9	5.66
		17.8	78.6	3.41	85.1	3.97	92.7	4.63	100.8	5.21	103.8	5.34	107.9	5.47	110.9	5.57
		35.5	78.6	3.13	85.1	3.71	92.7	4.32	100.8	4.87	103.8	4.99	107.9	5.12	110.9	5.21
		44.4	78.6	3.05	85.1	3.64	92.7	4.23	100.8	4.77	103.8	4.90	107.9	5.02	110.9	5.08
		53.3	78.6	3.00	85.1	3.60	92.7	4.19	100.8	4.72	103.8	4.86	107.9	4.97	110.9	5.01
	95	14.2	78.6	3.86	85.1	4.48	92.7	5.24	100.8	5.88	103.8	6.03	107.9	6.17	110.9	6.28
		17.8	78.6	3.78	85.1	4.41	92.7	5.15	100.8	5.79	103.8	5.93	107.9	6.08	110.9	6.18
		35.5	78.6	3.48	85.1	4.13	92.7	4.80	100.8	5.41	103.8	5.54	107.9	5.68	110.9	5.79
		44.4	78.6	3.38	85.1	4.03	92.7	4.71	100.8	5.31	103.8	5.44	107.9	5.58	110.9	5.64
		53.3	78.6	3.33	85.1	3.98	92.7	4.67	100.8	5.26	103.8	5.39	107.9	5.53	110.9	5.57
	104	14.2	78.6	4.57	85.1	5.30	92.7	6.19	100.8	6.97	103.8	7.13	107.9	7.31	110.9	7.44
		17.8	78.6	4.48	85.1	5.22	92.7	6.09	100.8	6.86	103.8	7.02	107.9	7.19	110.9	7.32
		35.5	78.6	4.12	85.1	4.89	92.7	5.70	100.8	6.41	103.8	6.57	107.9	6.73	110.9	6.86
		44.4	78.6	4.00	85.1	4.79	92.7	5.57	100.8	6.28	103.8	6.44	107.9	6.61	110.9	6.67
		53.3	78.6	3.94	85.1	4.73	92.7	5.50	100.8	6.21	103.8	6.37	107.9	6.55	110.9	6.58

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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COOLING CAPACITY DATA

ARWN144DAS4, ARWB144DAS4

144,000 Btu/h, 460V Heat Pump and Heat Recovery Units

MULTI V WATER IV

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
70	113	14.2	78.6	5.28	85.1	6.13	92.7	7.14	100.8	8.06	103.8	8.23	107.9	8.44	110.9	8.60
		17.8	78.6	5.18	85.1	6.03	92.7	7.03	100.8	7.93	103.8	8.11	107.9	8.31	110.9	8.47
		35.5	78.6	4.76	85.1	5.64	92.7	6.60	100.8	7.41	103.8	7.60	107.9	7.77	110.9	7.93
		44.4	78.6	4.63	85.1	5.54	92.7	6.42	100.8	7.25	103.8	7.44	107.9	7.64	110.9	7.70
		53.3	78.6	4.56	85.1	5.49	92.7	6.34	100.8	7.17	103.8	7.36	107.9	7.58	110.9	7.58
60	23	9.4	67.4	1.09	73.0	1.28	79.5	1.47	86.4	1.69	89.0	1.73	92.4	1.75	95.0	1.78
	32	10.5	67.4	1.09	73.0	1.28	79.5	1.47	86.4	1.69	89.0	1.73	92.4	1.75	95.0	1.78
	41	12.1	67.4	1.09	73.0	1.28	79.5	1.47	86.4	1.69	89.0	1.73	92.4	1.75	95.0	1.78
	50	14.2	67.4	1.09	73.0	1.28	79.5	1.47	86.4	1.69	89.0	1.73	92.4	1.75	95.0	1.78
		17.8	67.4	1.07	73.0	1.25	79.5	1.45	86.4	1.66	89.0	1.70	92.4	1.73	95.0	1.76
		35.5	67.4	0.99	73.0	1.17	79.5	1.38	86.4	1.55	89.0	1.58	92.4	1.63	95.0	1.66
		44.4	67.4	0.95	73.0	1.16	79.5	1.35	86.4	1.52	89.0	1.55	92.4	1.59	95.0	1.62
		53.3	67.4	0.92	73.0	1.15	79.5	1.34	86.4	1.51	89.0	1.53	92.4	1.57	95.0	1.60
	59	14.2	67.4	1.49	73.0	1.74	79.5	2.02	86.4	2.28	89.0	2.35	92.4	2.39	95.0	2.43
		17.8	67.4	1.46	73.0	1.71	79.5	1.99	86.4	2.25	89.0	2.31	92.4	2.35	95.0	2.39
		35.5	67.4	1.35	73.0	1.60	79.5	1.87	86.4	2.10	89.0	2.15	92.4	2.20	95.0	2.25
		44.4	67.4	1.31	73.0	1.57	79.5	1.83	86.4	2.06	89.0	2.10	92.4	2.16	95.0	2.19
		53.3	67.4	1.28	73.0	1.55	79.5	1.81	86.4	2.04	89.0	2.08	92.4	2.14	95.0	2.16
	67	14.2	67.4	1.85	73.0	2.15	79.5	2.51	86.4	2.81	89.0	2.89	92.4	2.95	95.0	3.01
		17.8	67.4	1.81	73.0	2.12	79.5	2.47	86.4	2.77	89.0	2.84	92.4	2.90	95.0	2.96
		35.5	67.4	1.67	73.0	1.97	79.5	2.31	86.4	2.60	89.0	2.65	92.4	2.71	95.0	2.77
		44.4	67.4	1.62	73.0	1.93	79.5	2.25	86.4	2.54	89.0	2.60	92.4	2.67	95.0	2.70
		53.3	67.4	1.60	73.0	1.91	79.5	2.22	86.4	2.51	89.0	2.57	92.4	2.65	95.0	2.66
	75	14.2	67.4	2.25	73.0	2.62	79.5	3.05	86.4	3.43	89.0	3.51	92.4	3.59	95.0	3.67
		17.8	67.4	2.20	73.0	2.58	79.5	3.00	86.4	3.38	89.0	3.45	92.4	3.54	95.0	3.61
		35.5	67.4	2.03	73.0	2.41	79.5	2.80	86.4	3.16	89.0	3.23	92.4	3.32	95.0	3.38
		44.4	67.4	1.97	73.0	2.35	79.5	2.74	86.4	3.09	89.0	3.18	92.4	3.25	95.0	3.29
		53.3	67.4	1.94	73.0	2.32	79.5	2.71	86.4	3.05	89.0	3.15	92.4	3.21	95.0	3.25
	86	14.2	67.4	2.77	73.0	3.21	79.5	3.74	86.4	4.21	89.0	4.32	92.4	4.42	95.0	4.51
		17.8	67.4	2.71	73.0	3.16	79.5	3.68	86.4	4.15	89.0	4.25	92.4	4.35	95.0	4.44
		35.5	67.4	2.49	73.0	2.96	79.5	3.45	86.4	3.89	89.0	3.97	92.4	4.07	95.0	4.15
		44.4	67.4	2.42	73.0	2.90	79.5	3.38	86.4	3.81	89.0	3.90	92.4	4.00	95.0	4.05
		53.3	67.4	2.38	73.0	2.87	79.5	3.34	86.4	3.78	89.0	3.86	92.4	3.97	95.0	3.99
	95	14.2	67.4	3.08	73.0	3.58	79.5	4.17	86.4	4.68	89.0	4.80	92.4	4.92	95.0	5.01
		17.8	67.4	3.02	73.0	3.52	79.5	4.10	86.4	4.61	89.0	4.73	92.4	4.84	95.0	4.93
		35.5	67.4	2.77	73.0	3.29	79.5	3.83	86.4	4.32	89.0	4.42	92.4	4.52	95.0	4.61
		44.4	67.4	2.70	73.0	3.22	79.5	3.76	86.4	4.23	89.0	4.34	92.4	4.45	95.0	4.50
		53.3	67.4	2.66	73.0	3.18	79.5	3.72	86.4	4.19	89.0	4.29	92.4	4.41	95.0	4.44
	104	14.2	67.4	3.64	73.0	4.23	79.5	4.94	86.4	5.56	89.0	5.69	92.4	5.82	95.0	5.94
		17.8	67.4	3.57	73.0	4.16	79.5	4.86	86.4	5.47	89.0	5.60	92.4	5.73	95.0	5.84
		35.5	67.4	3.29	73.0	3.90	79.5	4.54	86.4	5.10	89.0	5.23	92.4	5.37	95.0	5.47
		44.4	67.4	3.19	73.0	3.81	79.5	4.45	86.4	5.00	89.0	5.13	92.4	5.26	95.0	5.32
		53.3	67.4	3.14	73.0	3.77	79.5	4.41	86.4	4.95	89.0	5.08	92.4	5.21	95.0	5.25
	113	14.2	67.4	4.19	73.0	4.87	79.5	5.70	86.4	6.43	89.0	6.57	92.4	6.71	95.0	6.87
		17.8	67.4	4.12	73.0	4.80	79.5	5.61	86.4	6.32	89.0	6.47	92.4	6.61	95.0	6.76
		35.5	67.4	3.81	73.0	4.51	79.5	5.25	86.4	5.89	89.0	6.05	92.4	6.21	95.0	6.32
		44.4	67.4	3.68	73.0	4.41	79.5	5.15	86.4	5.77	89.0	5.93	92.4	6.08	95.0	6.15
		53.3	67.4	3.62	73.0	4.36	79.5	5.10	86.4	5.71	89.0	5.87	92.4	6.01	95.0	6.06
50	23	9.4	56.2	0.81	60.8	0.95	66.2	1.14	72.0	1.24	74.2	1.27	77.0	1.32	79.2	1.33
	32	10.5	56.2	0.81	60.8	0.95	66.2	1.14	72.0	1.24	74.2	1.27	77.0	1.32	79.2	1.33
	41	12.1	56.2	0.81	60.8	0.95	66.2	1.14	72.0	1.24	74.2	1.27	77.0	1.32	79.2	1.33
	50	14.2	56.2	0.81	60.8	0.95	66.2	1.14	72.0	1.24	74.2	1.27	77.0	1.32	79.2	1.33
		17.8	56.2	0.79	60.8	0.93	66.2	1.12	72.0	1.23	74.2	1.25	77.0	1.30	79.2	1.31
		35.5	56.2	0.72	60.8	0.88	66.2	1.03	72.0	1.16	74.2	1.20	77.0	1.20	79.2	1.23
		44.4	56.2	0.71	60.8	0.88	66.2	1.00	72.0	1.13	74.2	1.14	77.0	1.19	79.2	1.18
		53.3	56.2	0.70	60.8	0.88	66.2	0.99	72.0	1.11	74.2	1.11	77.0	1.18	79.2	1.16
	59	14.2	56.2	1.11	60.8	1.30	66.2	1.52	72.0	1.69	74.2	1.74	77.0	1.78	79.2	1.81
		17.8	56.2	1.09	60.8	1.28	66.2	1.49	72.0	1.67	74.2	1.71	77.0	1.75	79.2	1.78
		35.5	56.2	1.00	60.8	1.19	66.2	1.39	72.0	1.57	74.2	1.61	77.0	1.64	79.2	1.67
		44.4	56.2	0.97	60.8	1.17	66.2	1.36	72.0	1.54	74.2	1.57	77.0	1.61	79.2	1.62
		53.3	56.2	0.96	60.8	1.17	66.2	1.35	72.0	1.52	74.2	1.54	77.0	1.59	79.2	1.60

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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COOLING CAPACITY DATA

ARWN144DAS4, ARWB144DAS4
144,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
50	67	14.2	56.2	1.37	60.8	1.61	66.2	1.86	72.0	2.09	74.2	2.15	77.0	2.19	79.2	2.24
		17.8	56.2	1.35	60.8	1.58	66.2	1.83	72.0	2.06	74.2	2.12	77.0	2.16	79.2	2.20
		35.5	56.2	1.25	60.8	1.46	66.2	1.71	72.0	1.93	74.2	1.97	77.0	2.03	79.2	2.06
		44.4	56.2	1.20	60.8	1.44	66.2	1.68	72.0	1.90	74.2	1.94	77.0	1.99	79.2	2.02
		53.3	56.2	1.18	60.8	1.42	66.2	1.67	72.0	1.88	74.2	1.93	77.0	1.96	79.2	1.99
	75	14.2	56.2	1.67	60.8	1.94	66.2	2.27	72.0	2.57	74.2	2.62	77.0	2.68	79.2	2.72
		17.8	56.2	1.64	60.8	1.91	66.2	2.23	72.0	2.52	74.2	2.58	77.0	2.64	79.2	2.68
		35.5	56.2	1.51	60.8	1.80	66.2	2.09	72.0	2.35	74.2	2.41	77.0	2.47	79.2	2.52
		44.4	56.2	1.46	60.8	1.75	66.2	2.04	72.0	2.31	74.2	2.36	77.0	2.42	79.2	2.45
		53.3	56.2	1.44	60.8	1.73	66.2	2.02	72.0	2.28	74.2	2.34	77.0	2.40	79.2	2.41
	86	14.2	56.2	2.07	60.8	2.40	66.2	2.80	72.0	3.15	74.2	3.23	77.0	3.30	79.2	3.36
		17.8	56.2	2.03	60.8	2.36	66.2	2.76	72.0	3.10	74.2	3.18	77.0	3.25	79.2	3.31
		35.5	56.2	1.86	60.8	2.20	66.2	2.57	72.0	2.90	74.2	2.96	77.0	3.05	79.2	3.09
		44.4	56.2	1.81	60.8	2.16	66.2	2.52	72.0	2.84	74.2	2.91	77.0	2.99	79.2	3.02
		53.3	56.2	1.79	60.8	2.14	66.2	2.50	72.0	2.81	74.2	2.89	77.0	2.96	79.2	2.98
	95	14.2	56.2	2.29	60.8	2.67	66.2	3.11	72.0	3.49	74.2	3.58	77.0	3.67	79.2	3.73
		17.8	56.2	2.25	60.8	2.62	66.2	3.06	72.0	3.44	74.2	3.52	77.0	3.61	79.2	3.67
		35.5	56.2	2.07	60.8	2.45	66.2	2.86	72.0	3.22	74.2	3.29	77.0	3.38	79.2	3.44
		44.4	56.2	2.02	60.8	2.41	66.2	2.80	72.0	3.16	74.2	3.23	77.0	3.32	79.2	3.35
		53.3	56.2	1.99	60.8	2.39	66.2	2.77	72.0	3.13	74.2	3.20	77.0	3.29	79.2	3.31
	104	14.2	56.2	2.72	60.8	3.15	66.2	3.69	72.0	4.14	74.2	4.25	77.0	4.35	79.2	4.42
		17.8	56.2	2.67	60.8	3.10	66.2	3.63	72.0	4.07	74.2	4.18	77.0	4.28	79.2	4.35
		35.5	56.2	2.45	60.8	2.90	66.2	3.38	72.0	3.81	74.2	3.90	77.0	4.00	79.2	4.07
		44.4	56.2	2.38	60.8	2.84	66.2	3.32	72.0	3.74	74.2	3.83	77.0	3.93	79.2	3.96
		53.3	56.2	2.34	60.8	2.81	66.2	3.29	72.0	3.70	74.2	3.79	77.0	3.89	79.2	3.90
	113	14.2	56.2	3.15	60.8	3.64	66.2	4.26	72.0	4.79	74.2	4.91	77.0	5.03	79.2	5.11
		17.8	56.2	3.09	60.8	3.58	66.2	4.19	72.0	4.71	74.2	4.83	77.0	4.94	79.2	5.03
		35.5	56.2	2.83	60.8	3.35	66.2	3.90	72.0	4.41	74.2	4.51	77.0	4.63	79.2	4.71
		44.4	56.2	2.74	60.8	3.28	66.2	3.84	72.0	4.32	74.2	4.42	77.0	4.54	79.2	4.57
		53.3	56.2	2.70	60.8	3.24	66.2	3.81	72.0	4.28	74.2	4.38	77.0	4.49	79.2	4.49

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

Due to our policy of continuous product innovation, some specifications may change without notification.
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COOLING CAPACITY DATA

ARWN192DAS4, ARWB192DAS4

192,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
130	23	13.4	178.5	3.79	193.3	4.41	210.4	5.15	228.7	5.79	235.6	5.93	244.7	6.08	251.7	6.19
	32	15.0	178.5	3.79	193.3	4.41	210.4	5.15	228.7	5.79	235.6	5.93	244.7	6.08	251.7	6.19
	41	17.3	178.5	3.79	193.3	4.41	210.4	5.15	228.7	5.79	235.6	5.93	244.7	6.08	251.7	6.19
	50	20.3	178.5	3.79	193.3	4.41	210.4	5.15	228.7	5.79	235.6	5.93	244.7	6.08	251.7	6.19
		25.4	178.5	3.72	193.3	4.34	210.4	5.07	228.7	5.70	235.6	5.84	244.7	5.99	251.7	6.10
		50.7	178.5	3.44	193.3	4.07	210.4	4.74	228.7	5.33	235.6	5.47	244.7	5.61	251.7	5.71
		63.4	178.5	3.33	193.3	3.97	210.4	4.64	228.7	5.22	235.6	5.35	244.7	5.49	251.7	5.59
		76.1	178.5	3.27	193.3	3.92	210.4	4.59	228.7	5.16	235.6	5.30	244.7	5.43	251.7	5.53
	59	20.3	175.6	4.98	190.1	5.80	207.1	6.76	225.1	7.61	231.9	7.79	240.8	7.98	247.6	8.12
		25.4	175.6	4.89	190.1	5.71	207.1	6.65	225.1	7.49	231.9	7.66	240.8	7.86	247.6	8.00
		50.7	175.6	4.50	190.1	5.34	207.1	6.22	225.1	7.00	231.9	7.18	240.8	7.37	247.6	7.51
		63.4	175.6	4.38	190.1	5.22	207.1	6.09	225.1	6.86	231.9	7.04	240.8	7.22	247.6	7.34
		76.1	175.6	4.31	190.1	5.16	207.1	6.03	225.1	6.79	231.9	6.97	240.8	7.14	247.6	7.26
	67	20.3	173.1	6.04	187.3	7.04	204.1	8.19	221.9	9.22	228.5	9.44	237.3	9.67	244.0	9.83
		25.4	173.1	5.92	187.3	6.92	204.1	8.06	221.9	9.07	228.5	9.29	237.3	9.52	244.0	9.69
		50.7	173.1	5.45	187.3	6.46	204.1	7.54	221.9	8.48	228.5	8.70	237.3	8.93	244.0	9.11
		63.4	173.1	5.31	187.3	6.33	204.1	7.38	221.9	8.32	228.5	8.53	237.3	8.75	244.0	8.91
		76.1	173.1	5.24	187.3	6.27	204.1	7.31	221.9	8.23	228.5	8.45	237.3	8.66	244.0	8.80
	75	20.3	173.1	7.47	187.3	8.68	204.1	10.11	221.9	11.38	228.5	11.64	237.3	11.93	244.0	12.13
		25.4	173.1	7.32	187.3	8.53	204.1	9.94	221.9	11.20	228.5	11.45	237.3	11.75	244.0	11.95
		50.7	173.1	6.73	187.3	7.97	204.1	9.29	221.9	10.47	228.5	10.72	237.3	11.00	244.0	11.23
		63.4	173.1	6.54	187.3	7.81	204.1	9.10	221.9	10.26	228.5	10.53	237.3	10.80	244.0	10.98
		76.1	173.1	6.44	187.3	7.72	204.1	9.00	221.9	10.16	228.5	10.44	237.3	10.70	244.0	10.85
	86	20.3	173.1	8.96	187.3	10.40	204.1	12.12	221.9	13.66	228.5	13.98	237.3	14.31	244.0	14.56
		25.4	173.1	8.78	187.3	10.24	204.1	11.93	221.9	13.44	228.5	13.76	237.3	14.09	244.0	14.34
		50.7	173.1	8.07	187.3	9.57	204.1	11.14	221.9	12.55	228.5	12.87	237.3	13.20	244.0	13.47
		63.4	173.1	7.84	187.3	9.37	204.1	10.93	221.9	12.31	228.5	12.63	237.3	12.95	244.0	13.17
		76.1	173.1	7.73	187.3	9.26	204.1	10.82	221.9	12.19	228.5	12.51	237.3	12.82	244.0	13.01
	95	20.3	155.7	9.06	168.7	10.52	183.6	12.27	199.6	13.80	205.6	14.13	213.6	14.46	219.6	14.72
		25.4	155.7	8.88	168.7	10.35	183.6	12.07	199.6	13.58	205.6	13.91	213.6	14.24	219.6	14.50
		50.7	155.7	8.16	168.7	9.69	183.6	11.27	199.6	12.69	205.6	13.01	213.6	13.36	219.6	13.63
		63.4	155.7	7.93	168.7	9.47	183.6	11.04	199.6	12.45	205.6	12.77	213.6	13.10	219.6	13.32
		76.1	155.7	7.82	168.7	9.36	183.6	10.93	199.6	12.33	205.6	12.65	213.6	12.98	219.6	13.17
	104	20.3	138.4	9.56	149.9	11.09	163.2	12.93	177.5	14.57	182.8	14.90	189.9	15.26	195.2	15.54
		25.4	138.4	9.37	149.9	10.91	163.2	12.72	177.5	14.33	182.8	14.66	189.9	15.02	195.2	15.30
		50.7	138.4	8.61	149.9	10.21	163.2	11.90	177.5	13.40	182.8	13.73	189.9	14.09	195.2	14.37
		63.4	138.4	8.37	149.9	9.99	163.2	11.64	177.5	13.13	182.8	13.47	189.9	13.82	195.2	14.05
		76.1	138.4	8.25	149.9	9.89	163.2	11.52	177.5	12.99	182.8	13.35	189.9	13.69	195.2	13.89
	113	20.3	121.1	10.05	131.1	11.66	142.8	13.58	155.3	15.33	160.0	15.66	166.1	16.05	170.8	16.36
		25.4	121.1	9.85	131.1	11.48	142.8	13.37	155.3	15.09	160.0	15.42	166.1	15.80	170.8	16.11
		50.7	121.1	9.06	131.1	10.74	142.8	12.53	155.3	14.10	160.0	14.45	166.1	14.82	170.8	15.11
		63.4	121.1	8.80	131.1	10.52	142.8	12.25	155.3	13.81	160.0	14.18	166.1	14.54	170.8	14.78
		76.1	121.1	8.68	131.1	10.41	142.8	12.11	155.3	13.66	160.0	14.04	166.1	14.40	170.8	14.61
120	23	13.4	168.9	3.61	182.9	4.19	199.2	4.86	216.4	5.50	223.1	5.62	231.8	5.76	238.2	5.87
	32	15.0	168.9	3.61	182.9	4.19	199.2	4.86	216.4	5.50	223.1	5.62	231.8	5.76	238.2	5.87
	41	17.3	168.9	3.61	182.9	4.19	199.2	4.86	216.4	5.50	223.1	5.62	231.8	5.76	238.2	5.87
	50	20.3	168.9	3.61	182.9	4.19	199.2	4.86	216.4	5.50	223.1	5.62	231.8	5.76	238.2	5.87
		25.4	168.9	3.53	182.9	4.12	199.2	4.79	216.4	5.41	223.1	5.53	231.8	5.67	238.2	5.78
		50.7	168.9	3.23	182.9	3.85	199.2	4.50	216.4	5.04	223.1	5.17	231.8	5.31	238.2	5.42
		63.4	168.9	3.15	182.9	3.75	199.2	4.38	216.4	4.95	223.1	5.07	231.8	5.23	238.2	5.30
		76.1	168.9	3.10	182.9	3.70	199.2	4.33	216.4	4.91	223.1	5.03	231.8	5.18	238.2	5.24
	59	20.3	166.9	4.78	180.8	5.55	196.9	6.46	214.0	7.29	220.5	7.45	229.1	7.63	235.5	7.77
		25.4	166.9	4.68	180.8	5.46	196.9	6.36	214.0	7.17	220.5	7.33	229.1	7.51	235.5	7.65
		50.7	166.9	4.30	180.8	5.11	196.9	5.95	214.0	6.69	220.5	6.86	229.1	7.04	235.5	7.18
		63.4	166.9	4.18	180.8	4.99	196.9	5.82	214.0	6.56	220.5	6.73	229.1	6.91	235.5	7.01
		76.1	166.9	4.13	180.8	4.93	196.9	5.76	214.0	6.50	220.5	6.67	229.1	6.85	235.5	6.93
	67	20.3	165.2	5.82	178.9	6.76	194.9	7.88	211.9	8.87	218.3	9.08	226.7	9.29	233.1	9.46
		25.4	165.2	5.71	178.9	6.65	194.9	7.75	211.9	8.73	218.3	8.93	226.7	9.15	233.1	9.32
		50.7	165.2	5.25	178.9	6.22	194.9	7.24	211.9	8.16	218.3	8.36	226.7	8.57	233.1	8.74
		63.4	165.2	5.11	178.9	6.09	194.9	7.10	211.9	8.00	218.3	8.20	226.7	8.41	233.1	8.53
		76.1	165.2	5.04	178.9	6.03	194.9	7.03	211.9	7.91	218.3	8.13	226.7	8.32	233.1	8.43

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

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COOLING CAPACITY DATA

ARWN192DAS4, ARWB192DAS4

192,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
120	75	20.3	165.2	7.15	178.9	8.31	194.9	9.67	211.9	10.90	218.3	11.16	226.7	11.42	233.1	11.63
		25.4	165.2	7.01	178.9	8.18	194.9	9.52	211.9	10.72	218.3	10.98	226.7	11.25	233.1	11.45
		50.7	165.2	6.45	178.9	7.64	194.9	8.91	211.9	10.03	218.3	10.27	226.7	10.54	233.1	10.75
		63.4	165.2	6.27	178.9	7.49	194.9	8.73	211.9	9.83	218.3	10.08	226.7	10.34	233.1	10.49
		76.1	165.2	6.18	178.9	7.41	194.9	8.64	211.9	9.73	218.3	9.99	226.7	10.24	233.1	10.36
	86	20.3	165.2	8.64	178.9	10.06	194.9	11.71	211.9	13.17	218.3	13.50	226.7	13.82	233.1	14.06
		25.4	165.2	8.47	178.9	9.89	194.9	11.52	211.9	12.96	218.3	13.28	226.7	13.60	233.1	13.84
		50.7	165.2	7.79	178.9	9.24	194.9	10.76	211.9	12.13	218.3	12.42	226.7	12.74	233.1	13.00
		63.4	165.2	7.57	178.9	9.05	194.9	10.54	211.9	11.89	218.3	12.19	226.7	12.50	233.1	12.69
		76.1	165.2	7.47	178.9	8.95	194.9	10.44	211.9	11.77	218.3	12.08	226.7	12.38	233.1	12.54
	95	20.3	151.2	8.87	163.7	10.30	178.4	11.99	193.9	13.51	199.7	13.84	207.5	14.17	213.3	14.41
		25.4	151.2	8.69	163.7	10.13	178.4	11.80	193.9	13.29	199.7	13.61	207.5	13.95	213.3	14.19
		50.7	151.2	7.98	163.7	9.47	178.4	11.03	193.9	12.42	199.7	12.73	207.5	13.06	213.3	13.32
		63.4	151.2	7.77	163.7	9.28	178.4	10.81	193.9	12.18	199.7	12.50	207.5	12.81	213.3	13.00
		76.1	151.2	7.66	163.7	9.18	178.4	10.70	193.9	12.06	199.7	12.39	207.5	12.68	213.3	12.84
	104	20.3	137.2	9.54	148.5	11.08	161.9	12.92	175.9	14.54	181.2	14.89	188.3	15.25	193.5	15.52
		25.4	137.2	9.35	148.5	10.90	161.9	12.71	175.9	14.31	181.2	14.65	188.3	15.01	193.5	15.28
		50.7	137.2	8.60	148.5	10.20	161.9	11.87	175.9	13.37	181.2	13.70	188.3	14.06	193.5	14.33
		63.4	137.2	8.36	148.5	9.98	161.9	11.63	175.9	13.12	181.2	13.45	188.3	13.79	193.5	14.00
		76.1	137.2	8.23	148.5	9.87	161.9	11.51	175.9	12.99	181.2	13.32	188.3	13.66	193.5	13.83
	113	20.3	123.2	10.22	133.3	11.86	145.3	13.84	157.9	15.57	162.7	15.94	169.1	16.33	173.6	16.62
		25.4	123.2	10.02	133.3	11.67	145.3	13.61	157.9	15.32	162.7	15.69	169.1	16.07	173.6	16.37
		50.7	123.2	9.21	133.3	10.93	145.3	12.72	157.9	14.32	162.7	14.68	169.1	15.06	173.6	15.34
		63.4	123.2	8.94	133.3	10.68	145.3	12.45	157.9	14.05	162.7	14.39	169.1	14.78	173.6	15.00
		76.1	123.2	8.81	133.3	10.56	145.3	12.32	157.9	13.92	162.7	14.25	169.1	14.64	173.6	14.82
110	23	13.4	159.5	3.40	172.5	3.95	188.0	4.60	204.3	5.18	210.3	5.31	218.4	5.42	224.7	5.55
	32	15.0	159.5	3.40	172.5	3.95	188.0	4.60	204.3	5.18	210.3	5.31	218.4	5.42	224.7	5.55
	41	17.3	159.5	3.40	172.5	3.95	188.0	4.60	204.3	5.18	210.3	5.31	218.4	5.42	224.7	5.55
	50	20.3	159.5	3.40	172.5	3.95	188.0	4.60	204.3	5.18	210.3	5.31	218.4	5.42	224.7	5.55
		25.4	159.5	3.33	172.5	3.88	188.0	4.52	204.3	5.09	210.3	5.23	218.4	5.34	224.7	5.46
		50.7	159.5	3.06	172.5	3.64	188.0	4.24	204.3	4.76	210.3	4.90	218.4	5.02	224.7	5.12
		63.4	159.5	2.97	172.5	3.56	188.0	4.14	204.3	4.69	210.3	4.80	218.4	4.92	224.7	4.97
		76.1	159.5	2.93	172.5	3.53	188.0	4.09	204.3	4.65	210.3	4.75	218.4	4.87	224.7	4.89
	59	20.3	158.4	4.56	171.5	5.29	186.8	6.16	203.1	6.95	209.1	7.11	217.2	7.28	223.3	7.42
		25.4	158.4	4.47	171.5	5.21	186.8	6.07	203.1	6.83	209.1	7.00	217.2	7.17	223.3	7.31
		50.7	158.4	4.11	171.5	4.88	186.8	5.68	203.1	6.38	209.1	6.55	217.2	6.72	223.3	6.85
		63.4	158.4	3.99	171.5	4.77	186.8	5.55	203.1	6.27	209.1	6.42	217.2	6.59	223.3	6.67
		76.1	158.4	3.93	171.5	4.72	186.8	5.49	203.1	6.21	209.1	6.36	217.2	6.53	223.3	6.58
	67	20.3	157.5	5.59	170.5	6.49	185.7	7.55	202.0	8.52	208.0	8.71	216.1	8.93	222.1	9.09
		25.4	157.5	5.48	170.5	6.38	185.7	7.43	202.0	8.38	208.0	8.57	216.1	8.79	222.1	8.94
		50.7	157.5	5.04	170.5	5.98	185.7	6.96	202.0	7.83	208.0	8.02	216.1	8.23	222.1	8.38
		63.4	157.5	4.90	170.5	5.85	185.7	6.81	202.0	7.68	208.0	7.87	216.1	8.07	222.1	8.18
		76.1	157.5	4.83	170.5	5.78	185.7	6.73	202.0	7.60	208.0	7.79	216.1	8.00	222.1	8.07
	75	20.3	157.5	6.84	170.5	7.95	185.7	9.26	202.0	10.43	208.0	10.68	216.1	10.93	222.1	11.13
		25.4	157.5	6.70	170.5	7.82	185.7	9.11	202.0	10.26	208.0	10.51	216.1	10.76	222.1	10.95
		50.7	157.5	6.17	170.5	7.31	185.7	8.52	202.0	9.60	208.0	9.83	216.1	10.08	222.1	10.26
		63.4	157.5	6.00	170.5	7.15	185.7	8.34	202.0	9.40	208.0	9.63	216.1	9.89	222.1	10.01
		76.1	157.5	5.92	170.5	7.08	185.7	8.25	202.0	9.31	208.0	9.54	216.1	9.80	222.1	9.88
	86	20.3	157.5	8.34	170.5	9.69	185.7	11.29	202.0	12.70	208.0	13.02	216.1	13.33	222.1	13.57
		25.4	157.5	8.18	170.5	9.53	185.7	11.11	202.0	12.50	208.0	12.81	216.1	13.12	222.1	13.36
		50.7	157.5	7.51	170.5	8.92	185.7	10.38	202.0	11.70	208.0	11.98	216.1	12.28	222.1	12.51
		63.4	157.5	7.31	170.5	8.73	185.7	10.17	202.0	11.46	208.0	11.75	216.1	12.05	222.1	12.21
		76.1	157.5	7.20	170.5	8.63	185.7	10.07	202.0	11.35	208.0	11.63	216.1	11.94	222.1	12.05
	95	20.3	146.8	8.67	158.9	10.08	173.1	11.73	188.1	13.21	193.7	13.52	201.3	13.86	206.9	14.10
		25.4	146.8	8.50	158.9	9.92	173.1	11.54	188.1	13.00	193.7	13.31	201.3	13.64	206.9	13.88
		50.7	146.8	7.82	158.9	9.26	173.1	10.80	188.1	12.16	193.7	12.45	201.3	12.77	206.9	13.01
		63.4	146.8	7.60	158.9	9.07	173.1	10.57	188.1	11.91	193.7	12.22	201.3	12.53	206.9	12.69
		76.1	146.8	7.49	158.9	8.98	173.1	10.45	188.1	11.79	193.7	12.11	201.3	12.41	206.9	12.53

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

Due to our policy of continuous product innovation, some specifications may change without notification.
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COOLING CAPACITY DATA

ARWN192DAS4, ARWB192DAS4

192,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
110	104	20.3	136.0	9.53	147.3	11.07	160.4	12.89	174.4	14.51	179.6	14.86	186.5	15.22	191.7	15.49
		25.4	136.0	9.34	147.3	10.89	160.4	12.68	174.4	14.28	179.6	14.63	186.5	14.98	191.7	15.25
		50.7	136.0	8.59	147.3	10.19	160.4	11.86	174.4	13.36	179.6	13.68	186.5	14.04	191.7	14.29
		63.4	136.0	8.34	147.3	9.97	160.4	11.62	174.4	13.09	179.6	13.42	186.5	13.77	191.7	13.93
		76.1	136.0	8.22	147.3	9.86	160.4	11.50	174.4	12.96	179.6	13.30	186.5	13.63	191.7	13.76
	113	20.3	125.2	10.40	135.7	12.05	147.7	14.05	160.7	15.81	165.5	16.20	171.7	16.59	176.5	16.89
		25.4	125.2	10.19	135.7	11.86	147.7	13.82	160.7	15.56	165.5	15.94	171.7	16.33	176.5	16.62
		50.7	125.2	9.35	135.7	11.11	147.7	12.92	160.7	14.56	165.5	14.91	171.7	15.30	176.5	15.57
		63.4	125.2	9.08	135.7	10.86	147.7	12.67	160.7	14.27	165.5	14.63	171.7	15.01	176.5	15.18
		76.1	125.2	8.95	135.7	10.74	147.7	12.54	160.7	14.12	165.5	14.49	171.7	14.86	176.5	14.98
100	23	13.4	149.7	3.22	162.1	3.73	176.7	4.35	192.0	4.90	197.7	5.01	205.5	5.14	211.2	5.20
	32	15.0	149.7	3.22	162.1	3.73	176.7	4.35	192.0	4.90	197.7	5.01	205.5	5.14	211.2	5.20
	41	17.3	149.7	3.22	162.1	3.73	176.7	4.35	192.0	4.90	197.7	5.01	205.5	5.14	211.2	5.20
	50	20.3	149.7	3.22	162.1	3.73	176.7	4.35	192.0	4.90	197.7	5.01	205.5	5.14	211.2	5.20
		25.4	149.7	3.15	162.1	3.67	176.7	4.27	192.0	4.81	197.7	4.92	205.5	5.05	211.2	5.12
		50.7	149.7	2.89	162.1	3.44	176.7	3.97	192.0	4.49	197.7	4.59	205.5	4.70	211.2	4.79
		63.4	149.7	2.79	162.1	3.35	176.7	3.92	192.0	4.39	197.7	4.52	205.5	4.61	211.2	4.66
		76.1	149.7	2.74	162.1	3.30	176.7	3.89	192.0	4.34	197.7	4.48	205.5	4.57	211.2	4.60
	59	20.3	149.7	4.35	162.1	5.05	176.7	5.88	192.0	6.62	197.7	6.78	205.5	6.95	211.2	7.06
		25.4	149.7	4.26	162.1	4.96	176.7	5.78	192.0	6.51	197.7	6.67	205.5	6.83	211.2	6.95
		50.7	149.7	3.92	162.1	4.64	176.7	5.40	192.0	6.09	197.7	6.23	205.5	6.38	211.2	6.50
		63.4	149.7	3.80	162.1	4.54	176.7	5.30	192.0	5.96	197.7	6.12	205.5	6.27	211.2	6.33
		76.1	149.7	3.74	162.1	4.49	176.7	5.25	192.0	5.90	197.7	6.06	205.5	6.21	211.2	6.25
	67	20.3	149.7	5.35	162.1	6.22	176.7	7.24	192.0	8.15	197.7	8.35	205.5	8.56	211.2	8.71
		25.4	149.7	5.25	162.1	6.12	176.7	7.13	192.0	8.02	197.7	8.21	205.5	8.42	211.2	8.57
		50.7	149.7	4.82	162.1	5.72	176.7	6.67	192.0	7.51	197.7	7.69	205.5	7.88	211.2	8.02
		63.4	149.7	4.70	162.1	5.60	176.7	6.53	192.0	7.36	197.7	7.54	205.5	7.74	211.2	7.82
		76.1	149.7	4.63	162.1	5.55	176.7	6.46	192.0	7.28	197.7	7.46	205.5	7.67	211.2	7.72
	75	20.3	149.7	6.53	162.1	7.58	176.7	8.85	192.0	9.95	197.7	10.18	205.5	10.44	211.2	10.62
		25.4	149.7	6.40	162.1	7.46	176.7	8.70	192.0	9.79	197.7	10.02	205.5	10.27	211.2	10.45
		50.7	149.7	5.89	162.1	6.97	176.7	8.13	192.0	9.15	197.7	9.38	205.5	9.61	211.2	9.79
		63.4	149.7	5.72	162.1	6.83	176.7	7.96	192.0	8.97	197.7	9.20	205.5	9.43	211.2	9.53
		76.1	149.7	5.64	162.1	6.76	176.7	7.88	192.0	8.88	197.7	9.11	205.5	9.34	211.2	9.41
	86	20.3	149.7	8.03	162.1	9.34	176.7	10.87	192.0	12.24	197.7	12.54	205.5	12.83	211.2	13.07
		25.4	149.7	7.87	162.1	9.19	176.7	10.70	192.0	12.04	197.7	12.33	205.5	12.63	211.2	12.86
		50.7	149.7	7.24	162.1	8.59	176.7	9.99	192.0	11.26	197.7	11.53	205.5	11.82	211.2	12.04
		63.4	149.7	7.04	162.1	8.41	176.7	9.79	192.0	11.04	197.7	11.31	205.5	11.61	211.2	11.72
		76.1	149.7	6.94	162.1	8.32	176.7	9.69	192.0	10.93	197.7	11.20	205.5	11.50	211.2	11.56
	95	20.3	142.3	8.47	154.1	9.84	167.9	11.47	182.4	12.91	187.9	13.23	195.2	13.55	200.7	13.80
		25.4	142.3	8.30	154.1	9.69	167.9	11.29	182.4	12.71	187.9	13.01	195.2	13.33	200.7	13.58
		50.7	142.3	7.64	154.1	9.06	167.9	10.56	182.4	11.89	187.9	12.17	195.2	12.48	200.7	12.71
		63.4	142.3	7.43	154.1	8.87	167.9	10.34	182.4	11.66	187.9	11.94	195.2	12.25	200.7	12.37
		76.1	142.3	7.33	154.1	8.77	167.9	10.23	182.4	11.54	187.9	11.82	195.2	12.13	200.7	12.21
	104	20.3	134.8	9.50	146.0	11.06	158.9	12.88	172.8	14.50	178.0	14.84	184.9	15.20	190.1	15.47
		25.4	134.8	9.32	146.0	10.88	158.9	12.67	172.8	14.27	178.0	14.60	184.9	14.96	190.1	15.23
		50.7	134.8	8.57	146.0	10.16	158.9	11.84	172.8	13.33	178.0	13.65	184.9	14.00	190.1	14.25
		63.4	134.8	8.33	146.0	9.94	158.9	11.59	172.8	13.08	178.0	13.40	184.9	13.74	190.1	13.88
		76.1	134.8	8.21	146.0	9.83	158.9	11.47	172.8	12.95	178.0	13.27	184.9	13.61	190.1	13.70
	113	20.3	127.3	10.53	137.9	12.27	150.0	14.29	163.2	16.09	168.1	16.45	174.7	16.85	179.6	17.15
		25.4	127.3	10.33	137.9	12.07	150.0	14.05	163.2	15.83	168.1	16.19	174.7	16.58	179.6	16.88
		50.7	127.3	9.51	137.9	11.26	150.0	13.12	163.2	14.78	168.1	15.14	174.7	15.52	179.6	15.80
		63.4	127.3	9.23	137.9	11.02	150.0	12.85	163.2	14.50	168.1	14.86	174.7	15.24	179.6	15.39
		76.1	127.3	9.09	137.9	10.90	150.0	12.71	163.2	14.36	168.1	14.72	174.7	15.10	179.6	15.19
90	23	13.4	134.8	2.75	146.0	3.20	158.9	3.72	172.8	4.21	178.0	4.29	184.9	4.38	190.1	4.49
	32	15.0	134.8	2.75	146.0	3.20	158.9	3.72	172.8	4.21	178.0	4.29	184.9	4.38	190.1	4.49
	41	17.3	134.8	2.75	146.0	3.20	158.9	3.72	172.8	4.21	178.0	4.29	184.9	4.38	190.1	4.49
	50	20.3	134.8	2.75	146.0	3.20	158.9	3.72	172.8	4.21	178.0	4.29	184.9	4.38	190.1	4.49
		25.4	134.8	2.70	146.0	3.15	158.9	3.67	172.8	4.14	178.0	4.22	184.9	4.32	190.1	4.42
		50.7	134.8	2.47	146.0	2.94	158.9	3.45	172.8	3.85	178.0	3.95	184.9	4.06	190.1	4.14
		63.4	134.8	2.41	146.0	2.87	158.9	3.36	172.8	3.78	178.0	3.88	184.9	3.99	190.1	4.01
		76.1	134.8	2.38	146.0	2.83	158.9	3.32	172.8	3.74	178.0	3.84	184.9	3.95	190.1	3.95

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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COOLING CAPACITY DATA

ARWN192DAS4, ARWB192DAS4

192,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
90	59	20.3	134.8	3.73	146.0	4.34	158.9	5.06	172.8	5.70	178.0	5.83	184.9	5.97	190.1	6.09
		25.4	134.8	3.66	146.0	4.27	158.9	4.98	172.8	5.60	178.0	5.73	184.9	5.87	190.1	5.99
		50.7	134.8	3.37	146.0	3.99	158.9	4.66	172.8	5.23	178.0	5.36	184.9	5.50	190.1	5.60
		63.4	134.8	3.28	146.0	3.90	158.9	4.56	172.8	5.13	178.0	5.26	184.9	5.40	190.1	5.45
		76.1	134.8	3.23	146.0	3.86	158.9	4.50	172.8	5.08	178.0	5.21	184.9	5.35	190.1	5.37
	67	20.3	134.8	4.61	146.0	5.36	158.9	6.25	172.8	7.02	178.0	7.19	184.9	7.37	190.1	7.50
		25.4	134.8	4.52	146.0	5.27	158.9	6.14	172.8	6.91	178.0	7.08	184.9	7.26	190.1	7.38
		50.7	134.8	4.16	146.0	4.93	158.9	5.73	172.8	6.46	178.0	6.62	184.9	6.78	190.1	6.91
		63.4	134.8	4.04	146.0	4.82	158.9	5.62	172.8	6.33	178.0	6.49	184.9	6.65	190.1	6.73
		76.1	134.8	3.99	146.0	4.77	158.9	5.56	172.8	6.27	178.0	6.42	184.9	6.59	190.1	6.64
	75	20.3	134.8	5.61	146.0	6.53	158.9	7.61	172.8	8.57	178.0	8.76	184.9	8.98	190.1	9.14
		25.4	134.8	5.50	146.0	6.42	158.9	7.49	172.8	8.43	178.0	8.62	184.9	8.84	190.1	9.00
		50.7	134.8	5.07	146.0	6.00	158.9	7.00	172.8	7.88	178.0	8.07	184.9	8.28	190.1	8.42
		63.4	134.8	4.93	146.0	5.87	158.9	6.86	172.8	7.73	178.0	7.92	184.9	8.13	190.1	8.20
		76.1	134.8	4.86	146.0	5.81	158.9	6.79	172.8	7.65	178.0	7.84	184.9	8.05	190.1	8.09
	86	20.3	134.8	6.90	146.0	8.04	158.9	9.35	172.8	10.54	178.0	10.78	184.9	11.05	190.1	11.25
		25.4	134.8	6.77	146.0	7.91	158.9	9.20	172.8	10.36	178.0	10.61	184.9	10.88	190.1	11.07
		50.7	134.8	6.23	146.0	7.38	158.9	8.61	172.8	9.69	178.0	9.93	184.9	10.17	190.1	10.36
		63.4	134.8	6.07	146.0	7.23	158.9	8.43	172.8	9.51	178.0	9.74	184.9	9.99	190.1	10.08
		76.1	134.8	5.98	146.0	7.15	158.9	8.34	172.8	9.42	178.0	9.64	184.9	9.90	190.1	9.94
	95	20.3	131.1	7.45	141.9	8.66	154.5	10.09	168.0	11.37	173.1	11.64	179.7	11.92	184.8	12.13
		25.4	131.1	7.31	141.9	8.52	154.5	9.93	168.0	11.18	173.1	11.45	179.7	11.73	184.8	11.94
		50.7	131.1	6.72	141.9	7.97	154.5	9.29	168.0	10.45	173.1	10.71	179.7	10.98	184.8	11.18
		63.4	131.1	6.54	141.9	7.81	154.5	9.10	168.0	10.25	173.1	10.51	179.7	10.77	184.8	10.89
		76.1	131.1	6.45	141.9	7.72	154.5	9.00	168.0	10.15	173.1	10.40	179.7	10.67	184.8	10.74
	104	20.3	127.3	8.56	137.9	9.95	150.1	11.60	163.2	13.06	168.1	13.37	174.7	13.69	179.5	13.94
		25.4	127.3	8.39	137.9	9.79	150.1	11.41	163.2	12.85	168.1	13.15	174.7	13.47	179.5	13.72
		50.7	127.3	7.73	137.9	9.16	150.1	10.67	163.2	12.01	168.1	12.30	174.7	12.62	179.5	12.85
		63.4	127.3	7.51	137.9	8.96	150.1	10.45	163.2	11.77	168.1	12.07	174.7	12.37	179.5	12.50
		76.1	127.3	7.40	137.9	8.85	150.1	10.35	163.2	11.65	168.1	11.95	174.7	12.25	179.5	12.33
	113	20.3	123.6	9.67	133.9	11.23	145.7	13.11	158.4	14.75	163.2	15.10	169.6	15.46	174.1	15.74
		25.4	123.6	9.48	133.9	11.06	145.7	12.90	158.4	14.51	163.2	14.86	169.6	15.21	174.1	15.50
		50.7	123.6	8.74	133.9	10.35	145.7	12.05	158.4	13.58	163.2	13.88	169.6	14.25	174.1	14.51
		63.4	123.6	8.48	133.9	10.11	145.7	11.81	158.4	13.29	163.2	13.63	169.6	13.97	174.1	14.11
		76.1	123.6	8.36	133.9	9.99	145.7	11.69	158.4	13.15	163.2	13.50	169.6	13.83	174.1	13.92
80	23	13.4	119.9	2.31	129.7	2.69	141.3	3.13	153.6	3.51	158.3	3.60	164.4	3.69	168.9	3.75
	32	15.0	119.9	2.31	129.7	2.69	141.3	3.13	153.6	3.51	158.3	3.60	164.4	3.69	168.9	3.75
	41	17.3	119.9	2.31	129.7	2.69	141.3	3.13	153.6	3.51	158.3	3.60	164.4	3.69	168.9	3.75
	50	20.3	119.9	2.31	129.7	2.69	141.3	3.13	153.6	3.51	158.3	3.60	164.4	3.69	168.9	3.75
		25.4	119.9	2.26	129.7	2.65	141.3	3.08	153.6	3.46	158.3	3.54	164.4	3.63	168.9	3.69
		50.7	119.9	2.09	129.7	2.47	141.3	2.88	153.6	3.24	158.3	3.31	164.4	3.38	168.9	3.46
		63.4	119.9	2.03	129.7	2.41	141.3	2.83	153.6	3.19	158.3	3.26	164.4	3.35	168.9	3.36
		76.1	119.9	2.00	129.7	2.38	141.3	2.81	153.6	3.17	158.3	3.24	164.4	3.33	168.9	3.31
	59	20.3	119.9	3.13	129.7	3.64	141.3	4.24	153.6	4.77	158.3	4.89	164.4	5.01	168.9	5.10
		25.4	119.9	3.07	129.7	3.58	141.3	4.17	153.6	4.70	158.3	4.81	164.4	4.93	168.9	5.02
		50.7	119.9	2.83	129.7	3.35	141.3	3.90	153.6	4.39	158.3	4.49	164.4	4.61	168.9	4.70
		63.4	119.9	2.75	129.7	3.28	141.3	3.83	153.6	4.31	158.3	4.41	164.4	4.53	168.9	4.57
		76.1	119.9	2.71	129.7	3.24	141.3	3.79	153.6	4.27	158.3	4.38	164.4	4.49	168.9	4.50
	67	20.3	119.9	3.87	129.7	4.49	141.3	5.23	153.6	5.89	158.3	6.04	164.4	6.17	168.9	6.29
		25.4	119.9	3.79	129.7	4.41	141.3	5.14	153.6	5.80	158.3	5.94	164.4	6.08	168.9	6.19
		50.7	119.9	3.48	129.7	4.13	141.3	4.81	153.6	5.41	158.3	5.54	164.4	5.69	168.9	5.80
		63.4	119.9	3.39	129.7	4.04	141.3	4.71	153.6	5.31	158.3	5.44	164.4	5.58	168.9	5.64
		76.1	119.9	3.35	129.7	4.00	141.3	4.66	153.6	5.26	158.3	5.39	164.4	5.52	168.9	5.57
	75	20.3	119.9	4.71	129.7	5.47	141.3	6.37	153.6	7.18	158.3	7.35	164.4	7.53	168.9	7.67
		25.4	119.9	4.62	129.7	5.39	141.3	6.27	153.6	7.06	158.3	7.23	164.4	7.41	168.9	7.55
		50.7	119.9	4.25	129.7	5.04	141.3	5.86	153.6	6.60	158.3	6.77	164.4	6.94	168.9	7.06
		63.4	119.9	4.13	129.7	4.93	141.3	5.75	153.6	6.47	158.3	6.64	164.4	6.81	168.9	6.87
		76.1	119.9	4.08	129.7	4.87	141.3	5.69	153.6	6.41	158.3	6.58	164.4	6.74	168.9	6.78

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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COOLING CAPACITY DATA

ARWN192DAS4, ARWB192DAS4

192,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
80	86	20.3	119.9	5.80	129.7	6.74	141.3	7.84	153.6	8.83	158.3	9.04	164.4	9.26	168.9	9.43
		25.4	119.9	5.68	129.7	6.63	141.3	7.72	153.6	8.69	158.3	8.89	164.4	9.11	168.9	9.28
		50.7	119.9	5.22	129.7	6.19	141.3	7.22	153.6	8.13	158.3	8.32	164.4	8.53	168.9	8.69
		63.4	119.9	5.08	129.7	6.07	141.3	7.06	153.6	7.97	158.3	8.16	164.4	8.37	168.9	8.46
		76.1	119.9	5.01	129.7	6.00	141.3	6.99	153.6	7.90	158.3	8.09	164.4	8.29	168.9	8.34
	95	20.3	119.9	6.43	129.7	7.48	141.3	8.71	153.6	9.82	158.3	10.06	164.4	10.30	168.9	10.48
		25.4	119.9	6.31	129.7	7.36	141.3	8.57	153.6	9.66	158.3	9.89	164.4	10.13	168.9	10.31
		50.7	119.9	5.81	129.7	6.88	141.3	8.02	153.6	9.03	158.3	9.24	164.4	9.48	168.9	9.65
		63.4	119.9	5.64	129.7	6.73	141.3	7.86	153.6	8.85	158.3	9.07	164.4	9.30	168.9	9.39
		76.1	119.9	5.56	129.7	6.65	141.3	7.77	153.6	8.77	158.3	8.99	164.4	9.21	168.9	9.26
	104	20.3	119.9	7.62	129.7	8.86	141.3	10.33	153.6	11.63	158.3	11.90	164.4	12.18	168.9	12.40
		25.4	119.9	7.47	129.7	8.71	141.3	10.16	153.6	11.44	158.3	11.71	164.4	11.99	168.9	12.21
		50.7	119.9	6.87	129.7	8.15	141.3	9.49	153.6	10.70	158.3	10.94	164.4	11.22	168.9	11.43
		63.4	119.9	6.68	129.7	7.97	141.3	9.30	153.6	10.48	158.3	10.74	164.4	11.02	168.9	11.13
		76.1	119.9	6.58	129.7	7.88	141.3	9.21	153.6	10.37	158.3	10.63	164.4	10.92	168.9	10.99
	113	20.3	119.9	8.81	129.7	10.23	141.3	11.94	153.6	13.43	158.3	13.75	164.4	14.07	168.9	14.33
		25.4	119.9	8.64	129.7	10.07	141.3	11.75	153.6	13.22	158.3	13.52	164.4	13.84	168.9	14.10
		50.7	119.9	7.93	129.7	9.42	141.3	10.97	153.6	12.36	158.3	12.64	164.4	12.96	168.9	13.20
		63.4	119.9	7.72	129.7	9.21	141.3	10.75	153.6	12.10	158.3	12.40	164.4	12.73	168.9	12.87
		76.1	119.9	7.61	129.7	9.11	141.3	10.64	153.6	11.98	158.3	12.28	164.4	12.62	168.9	12.71
70	23	13.4	104.8	1.91	113.5	2.24	123.6	2.61	134.4	2.93	138.4	2.99	143.9	3.06	147.9	3.13
	32	15.0	104.8	1.91	113.5	2.24	123.6	2.61	134.4	2.93	138.4	2.99	143.9	3.06	147.9	3.13
	41	17.3	104.8	1.91	113.5	2.24	123.6	2.61	134.4	2.93	138.4	2.99	143.9	3.06	147.9	3.13
	50	20.3	104.8	1.91	113.5	2.24	123.6	2.61	134.4	2.93	138.4	2.99	143.9	3.06	147.9	3.13
		25.4	104.8	1.87	113.5	2.20	123.6	2.56	134.4	2.88	138.4	2.94	143.9	3.01	147.9	3.08
		50.7	104.8	1.72	113.5	2.07	123.6	2.37	134.4	2.68	138.4	2.76	143.9	2.83	147.9	2.88
		63.4	104.8	1.67	113.5	2.01	123.6	2.34	134.4	2.65	138.4	2.71	143.9	2.77	147.9	2.81
		76.1	104.8	1.65	113.5	1.97	123.6	2.32	134.4	2.63	138.4	2.68	143.9	2.74	147.9	2.77
	59	20.3	104.8	2.60	113.5	3.03	123.6	3.53	134.4	3.97	138.4	4.06	143.9	4.16	147.9	4.24
		25.4	104.8	2.55	113.5	2.98	123.6	3.47	134.4	3.90	138.4	3.99	143.9	4.09	147.9	4.17
		50.7	104.8	2.34	113.5	2.79	123.6	3.24	134.4	3.65	138.4	3.74	143.9	3.84	147.9	3.90
		63.4	104.8	2.28	113.5	2.73	123.6	3.17	134.4	3.58	138.4	3.67	143.9	3.76	147.9	3.80
		76.1	104.8	2.25	113.5	2.69	123.6	3.14	134.4	3.55	138.4	3.64	143.9	3.72	147.9	3.75
	67	20.3	104.8	3.21	113.5	3.73	123.6	4.34	134.4	4.89	138.4	5.01	143.9	5.14	147.9	5.23
		25.4	104.8	3.15	113.5	3.67	123.6	4.27	134.4	4.81	138.4	4.93	143.9	5.05	147.9	5.14
		50.7	104.8	2.89	113.5	3.43	123.6	4.00	134.4	4.50	138.4	4.61	143.9	4.73	147.9	4.81
		63.4	104.8	2.82	113.5	3.37	123.6	3.92	134.4	4.41	138.4	4.53	143.9	4.64	147.9	4.68
		76.1	104.8	2.78	113.5	3.33	123.6	3.87	134.4	4.37	138.4	4.49	143.9	4.60	147.9	4.62
	75	20.3	104.8	3.92	113.5	4.55	123.6	5.31	134.4	5.97	138.4	6.11	143.9	6.27	147.9	6.37
		25.4	104.8	3.84	113.5	4.48	123.6	5.22	134.4	5.87	138.4	6.01	143.9	6.17	147.9	6.27
		50.7	104.8	3.53	113.5	4.18	123.6	4.88	134.4	5.49	138.4	5.62	143.9	5.77	147.9	5.87
		63.4	104.8	3.43	113.5	4.09	123.6	4.77	134.4	5.39	138.4	5.51	143.9	5.66	147.9	5.72
		76.1	104.8	3.38	113.5	4.05	123.6	4.72	134.4	5.34	138.4	5.46	143.9	5.60	147.9	5.64
	86	20.3	104.8	4.82	113.5	5.59	123.6	6.51	134.4	7.35	138.4	7.52	143.9	7.70	147.9	7.84
		25.4	104.8	4.72	113.5	5.50	123.6	6.41	134.4	7.23	138.4	7.40	143.9	7.57	147.9	7.72
		50.7	104.8	4.34	113.5	5.14	123.6	6.00	134.4	6.76	138.4	6.92	143.9	7.09	147.9	7.22
		63.4	104.8	4.22	113.5	5.04	123.6	5.87	134.4	6.63	138.4	6.78	143.9	6.96	147.9	7.04
		76.1	104.8	4.17	113.5	4.99	123.6	5.81	134.4	6.56	138.4	6.71	143.9	6.90	147.9	6.95
	95	20.3	104.8	5.35	113.5	6.22	123.6	7.24	134.4	8.15	138.4	8.35	143.9	8.56	147.9	8.71
		25.4	104.8	5.25	113.5	6.12	123.6	7.13	134.4	8.02	138.4	8.21	143.9	8.42	147.9	8.57
		50.7	104.8	4.82	113.5	5.72	123.6	6.67	134.4	7.51	138.4	7.69	143.9	7.88	147.9	8.02
		63.4	104.8	4.70	113.5	5.60	123.6	6.53	134.4	7.36	138.4	7.54	143.9	7.73	147.9	7.82
		76.1	104.8	4.63	113.5	5.55	123.6	6.46	134.4	7.28	138.4	7.46	143.9	7.65	147.9	7.72
	104	20.3	104.8	6.34	113.5	7.36	123.6	8.58	134.4	9.66	138.4	9.90	143.9	10.13	147.9	10.31
		25.4	104.8	6.22	113.5	7.24	123.6	8.45	134.4	9.51	138.4	9.74	143.9	9.97	147.9	10.15
		50.7	104.8	5.72	113.5	6.78	123.6	7.89	134.4	8.89	138.4	9.10	143.9	9.33	147.9	9.51
		63.4	104.8	5.55	113.5	6.63	123.6	7.73	134.4	8.71	138.4	8.93	143.9	9.16	147.9	9.25
		76.1	104.8	5.47	113.5	6.55	123.6	7.65	134.4	8.62	138.4	8.85	143.9	9.08	147.9	9.12

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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MULTI V WATER IV

COOLING CAPACITY DATA

ARWN192DAS4, ARWB192DAS4

192,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
70	113	20.3	104.8	7.34	113.5	8.50	123.6	9.92	134.4	11.17	138.4	11.45	143.9	11.70	147.9	11.90
		25.4	104.8	7.19	113.5	8.37	123.6	9.76	134.4	10.99	138.4	11.26	143.9	11.52	147.9	11.72
		50.7	104.8	6.62	113.5	7.84	123.6	9.12	134.4	10.27	138.4	10.51	143.9	10.77	147.9	10.99
		63.4	104.8	6.41	113.5	7.65	123.6	8.93	134.4	10.07	138.4	10.33	143.9	10.59	147.9	10.68
		76.1	104.8	6.31	113.5	7.56	123.6	8.84	134.4	9.97	138.4	10.24	143.9	10.51	147.9	10.53
60	23	13.4	89.9	1.53	97.3	1.76	106.0	2.08	115.2	2.33	118.7	2.39	123.2	2.44	126.7	2.51
	32	15.0	89.9	1.53	97.3	1.76	106.0	2.08	115.2	2.33	118.7	2.39	123.2	2.44	126.7	2.51
	41	17.3	89.9	1.53	97.3	1.76	106.0	2.08	115.2	2.33	118.7	2.39	123.2	2.44	126.7	2.51
	50	20.3	89.9	1.53	97.3	1.76	106.0	2.08	115.2	2.33	118.7	2.39	123.2	2.44	126.7	2.51
		25.4	89.9	1.50	97.3	1.73	106.0	2.04	115.2	2.29	118.7	2.35	123.2	2.40	126.7	2.46
		50.7	89.9	1.38	97.3	1.62	106.0	1.91	115.2	2.13	118.7	2.20	123.2	2.25	126.7	2.29
		63.4	89.9	1.34	97.3	1.61	106.0	1.87	115.2	2.10	118.7	2.17	123.2	2.20	126.7	2.24
		76.1	89.9	1.32	97.3	1.61	106.0	1.85	115.2	2.09	118.7	2.15	123.2	2.18	126.7	2.22
	59	20.3	89.9	2.08	97.3	2.41	106.0	2.81	115.2	3.16	118.7	3.24	123.2	3.31	126.7	3.38
		25.4	89.9	2.03	97.3	2.37	106.0	2.76	115.2	3.11	118.7	3.19	123.2	3.26	126.7	3.33
		50.7	89.9	1.87	97.3	2.21	106.0	2.58	115.2	2.90	118.7	2.98	123.2	3.06	126.7	3.11
		63.4	89.9	1.82	97.3	2.18	106.0	2.53	115.2	2.85	118.7	2.93	123.2	2.99	126.7	3.03
		76.1	89.9	1.79	97.3	2.16	106.0	2.51	115.2	2.83	118.7	2.90	123.2	2.96	126.7	2.99
	67	20.3	89.9	2.56	97.3	2.98	106.0	3.46	115.2	3.90	118.7	3.99	123.2	4.10	126.7	4.16
		25.4	89.9	2.51	97.3	2.93	106.0	3.40	115.2	3.84	118.7	3.93	123.2	4.03	126.7	4.09
		50.7	89.9	2.30	97.3	2.74	106.0	3.19	115.2	3.60	118.7	3.67	123.2	3.77	126.7	3.84
		63.4	89.9	2.24	97.3	2.67	106.0	3.12	115.2	3.52	118.7	3.61	123.2	3.70	126.7	3.74
		76.1	89.9	2.21	97.3	2.64	106.0	3.09	115.2	3.48	118.7	3.58	123.2	3.66	126.7	3.69
	75	20.3	89.9	3.12	97.3	3.63	106.0	4.23	115.2	4.76	118.7	4.88	123.2	4.99	126.7	5.08
		25.4	89.9	3.06	97.3	3.57	106.0	4.16	115.2	4.68	118.7	4.80	123.2	4.91	126.7	5.00
		50.7	89.9	2.82	97.3	3.34	106.0	3.89	115.2	4.38	118.7	4.48	123.2	4.59	126.7	4.68
		63.4	89.9	2.74	97.3	3.26	106.0	3.81	115.2	4.29	118.7	4.40	123.2	4.52	126.7	4.56
		76.1	89.9	2.70	97.3	3.22	106.0	3.77	115.2	4.24	118.7	4.36	123.2	4.48	126.7	4.49
	86	20.3	89.9	3.84	97.3	4.46	106.0	5.20	115.2	5.85	118.7	6.00	123.2	6.14	126.7	6.25
		25.4	89.9	3.76	97.3	4.39	106.0	5.12	115.2	5.76	118.7	5.90	123.2	6.04	126.7	6.15
		50.7	89.9	3.47	97.3	4.11	106.0	4.79	115.2	5.39	118.7	5.51	123.2	5.66	126.7	5.76
		63.4	89.9	3.37	97.3	4.02	106.0	4.68	115.2	5.28	118.7	5.41	123.2	5.55	126.7	5.60
		76.1	89.9	3.31	97.3	3.97	106.0	4.63	115.2	5.23	118.7	5.36	123.2	5.50	126.7	5.53
	95	20.3	89.9	4.27	97.3	4.96	106.0	5.77	115.2	6.50	118.7	6.66	123.2	6.83	126.7	6.94
		25.4	89.9	4.18	97.3	4.88	106.0	5.68	115.2	6.40	118.7	6.55	123.2	6.72	126.7	6.83
		50.7	89.9	3.85	97.3	4.56	106.0	5.31	115.2	5.99	118.7	6.13	123.2	6.28	126.7	6.40
		63.4	89.9	3.74	97.3	4.47	106.0	5.21	115.2	5.86	118.7	6.01	123.2	6.17	126.7	6.23
		76.1	89.9	3.68	97.3	4.42	106.0	5.16	115.2	5.80	118.7	5.96	123.2	6.11	126.7	6.15
	104	20.3	89.9	5.05	97.3	5.88	106.0	6.84	115.2	7.70	118.7	7.88	123.2	8.08	126.7	8.23
		25.4	89.9	4.95	97.3	5.78	106.0	6.73	115.2	7.57	118.7	7.75	123.2	7.95	126.7	8.10
		50.7	89.9	4.56	97.3	5.40	106.0	6.30	115.2	7.09	118.7	7.26	123.2	7.43	126.7	7.57
		63.4	89.9	4.43	97.3	5.28	106.0	6.17	115.2	6.95	118.7	7.11	123.2	7.31	126.7	7.37
		76.1	89.9	4.36	97.3	5.23	106.0	6.10	115.2	6.88	118.7	7.04	123.2	7.24	126.7	7.27
	113	20.3	89.9	5.84	97.3	6.81	106.0	7.91	115.2	8.89	118.7	9.10	123.2	9.32	126.7	9.52
		25.4	89.9	5.72	97.3	6.69	106.0	7.78	115.2	8.75	118.7	8.96	123.2	9.17	126.7	9.37
		50.7	89.9	5.26	97.3	6.24	106.0	7.28	115.2	8.19	118.7	8.38	123.2	8.59	126.7	8.75
		63.4	89.9	5.12	97.3	6.10	106.0	7.13	115.2	8.04	118.7	8.21	123.2	8.45	126.7	8.51
		76.1	89.9	5.05	97.3	6.03	106.0	7.05	115.2	7.96	118.7	8.13	123.2	8.37	126.7	8.39
50	23	13.4	74.9	1.16	81.1	1.31	88.3	1.53	96.0	1.72	98.9	1.79	102.7	1.81	105.6	1.87
	32	15.0	74.9	1.16	81.1	1.31	88.3	1.53	96.0	1.72	98.9	1.79	102.7	1.81	105.6	1.87
	41	17.3	74.9	1.16	81.1	1.31	88.3	1.53	96.0	1.72	98.9	1.79	102.7	1.81	105.6	1.87
	50	20.3	74.9	1.16	81.1	1.31	88.3	1.53	96.0	1.72	98.9	1.79	102.7	1.81	105.6	1.87
		25.4	74.9	1.13	81.1	1.29	88.3	1.51	96.0	1.70	98.9	1.76	102.7	1.78	105.6	1.83
		50.7	74.9	1.03	81.1	1.22	88.3	1.43	96.0	1.61	98.9	1.65	102.7	1.67	105.6	1.70
		63.4	74.9	1.00	81.1	1.21	88.3	1.40	96.0	1.56	98.9	1.60	102.7	1.65	105.6	1.67
		76.1	74.9	0.98	81.1	1.20	88.3	1.39	96.0	1.54	98.9	1.57	102.7	1.64	105.6	1.66
	59	20.3	74.9	1.55	81.1	1.79	88.3	2.09	96.0	2.35	98.9	2.42	102.7	2.47	105.6	2.52
		25.4	74.9	1.52	81.1	1.77	88.3	2.06	96.0	2.32	98.9	2.38	102.7	2.43	105.6	2.48
		50.7	74.9	1.39	81.1	1.65	88.3	1.93	96.0	2.18	98.9	2.23	102.7	2.28	105.6	2.32
		63.4	74.9	1.36	81.1	1.63	88.3	1.89	96.0	2.12	98.9	2.18	102.7	2.24	105.6	2.26
		76.1	74.9	1.34	81.1	1.61	88.3	1.87	96.0	2.10	98.9	2.15	102.7	2.22	105.6	2.24

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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COOLING CAPACITY DATA

ARWN192DAS4, ARWB192DAS4

192,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
50	67	20.3	74.9	1.91	81.1	2.23	88.3	2.59	96.0	2.91	98.9	2.98	102.7	3.06	105.6	3.11
		25.4	74.9	1.87	81.1	2.19	88.3	2.55	96.0	2.87	98.9	2.93	102.7	3.01	105.6	3.06
		50.7	74.9	1.71	81.1	2.03	88.3	2.38	96.0	2.67	98.9	2.74	102.7	2.82	105.6	2.87
		63.4	74.9	1.68	81.1	2.00	88.3	2.33	96.0	2.62	98.9	2.69	102.7	2.76	105.6	2.79
		76.1	74.9	1.66	81.1	1.98	88.3	2.30	96.0	2.60	98.9	2.66	102.7	2.74	105.6	2.75
	75	20.3	74.9	2.32	81.1	2.71	88.3	3.14	96.0	3.55	98.9	3.63	102.7	3.72	105.6	3.78
		25.4	74.9	2.28	81.1	2.66	88.3	3.10	96.0	3.49	98.9	3.57	102.7	3.66	105.6	3.72
		50.7	74.9	2.10	81.1	2.48	88.3	2.90	96.0	3.26	98.9	3.34	102.7	3.43	105.6	3.49
		63.4	74.9	2.03	81.1	2.43	88.3	2.84	96.0	3.20	98.9	3.28	102.7	3.37	105.6	3.40
		76.1	74.9	2.00	81.1	2.41	88.3	2.81	96.0	3.17	98.9	3.24	102.7	3.33	105.6	3.36
	86	20.3	74.9	2.86	81.1	3.33	88.3	3.87	96.0	4.37	98.9	4.48	102.7	4.58	105.6	4.66
		25.4	74.9	2.80	81.1	3.28	88.3	3.81	96.0	4.30	98.9	4.40	102.7	4.50	105.6	4.58
		50.7	74.9	2.58	81.1	3.06	88.3	3.57	96.0	4.02	98.9	4.11	102.7	4.22	105.6	4.29
		63.4	74.9	2.51	81.1	2.99	88.3	3.49	96.0	3.94	98.9	4.03	102.7	4.13	105.6	4.18
		76.1	74.9	2.47	81.1	2.96	88.3	3.45	96.0	3.90	98.9	3.99	102.7	4.09	105.6	4.13
	95	20.3	74.9	3.19	81.1	3.69	88.3	4.30	96.0	4.85	98.9	4.97	102.7	5.08	105.6	5.17
		25.4	74.9	3.12	81.1	3.63	88.3	4.24	96.0	4.77	98.9	4.89	102.7	5.00	105.6	5.09
		50.7	74.9	2.87	81.1	3.40	88.3	3.97	96.0	4.47	98.9	4.57	102.7	4.68	105.6	4.77
		63.4	74.9	2.79	81.1	3.33	88.3	3.88	96.0	4.38	98.9	4.48	102.7	4.59	105.6	4.64
		76.1	74.9	2.75	81.1	3.29	88.3	3.83	96.0	4.33	98.9	4.43	102.7	4.55	105.6	4.58
	104	20.3	74.9	3.78	81.1	4.38	88.3	5.10	96.0	5.75	98.9	5.88	102.7	6.02	105.6	6.14
		25.4	74.9	3.70	81.1	4.31	88.3	5.02	96.0	5.66	98.9	5.78	102.7	5.92	105.6	6.04
		50.7	74.9	3.39	81.1	4.03	88.3	4.70	96.0	5.28	98.9	5.41	102.7	5.55	105.6	5.64
		63.4	74.9	3.30	81.1	3.94	88.3	4.59	96.0	5.18	98.9	5.31	102.7	5.44	105.6	5.50
		76.1	74.9	3.26	81.1	3.90	88.3	4.54	96.0	5.13	98.9	5.26	102.7	5.38	105.6	5.43
	113	20.3	74.9	4.36	81.1	5.07	88.3	5.89	96.0	6.65	98.9	6.79	102.7	6.95	105.6	7.11
		25.4	74.9	4.27	81.1	4.99	88.3	5.80	96.0	6.54	98.9	6.68	102.7	6.85	105.6	6.99
		50.7	74.9	3.92	81.1	4.66	88.3	5.43	96.0	6.10	98.9	6.26	102.7	6.42	105.6	6.51
		63.4	74.9	3.81	81.1	4.56	88.3	5.31	96.0	5.99	98.9	6.14	102.7	6.28	105.6	6.36
		76.1	74.9	3.76	81.1	4.50	88.3	5.25	96.0	5.93	98.9	6.08	102.7	6.21	105.6	6.28

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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MULTI V WATER IV

COOLING CAPACITY DATA

ARWN240DAS4, ARWB240DAS4

240,000 Btu/h 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
130	23	16.1	223.1	4.54	241.7	5.33	263.0	6.20	285.8	6.95	294.5	7.11	306.0	7.35	314.6	7.45
	32	18.1	223.1	4.54	241.7	5.33	263.0	6.20	285.8	6.95	294.5	7.11	306.0	7.35	314.6	7.45
	41	20.7	223.1	4.54	241.7	5.33	263.0	6.20	285.8	6.95	294.5	7.11	306.0	7.35	314.6	7.45
	50	24.4	223.1	4.54	241.7	5.33	263.0	6.20	285.8	6.95	294.5	7.11	306.0	7.35	314.6	7.45
		30.5	223.1	4.46	241.7	5.23	263.0	6.10	285.8	6.85	294.5	7.00	306.0	7.22	314.6	7.33
		60.9	223.1	4.13	241.7	4.85	263.0	5.67	285.8	6.40	294.5	6.58	306.0	6.72	314.6	6.88
		76.1	223.1	4.02	241.7	4.78	263.0	5.58	285.8	6.25	294.5	6.45	306.0	6.61	314.6	6.70
		91.4	223.1	3.96	241.7	4.75	263.0	5.53	285.8	6.18	294.5	6.37	306.0	6.55	314.6	6.60
	59	24.4	219.5	5.98	237.7	6.98	258.8	8.13	281.3	9.13	289.8	9.35	301.0	9.60	309.5	9.76
		30.5	219.5	5.87	237.7	6.86	258.8	8.00	281.3	8.98	289.8	9.20	301.0	9.45	309.5	9.61
		60.9	219.5	5.41	237.7	6.40	258.8	7.47	281.3	8.41	289.8	8.63	301.0	8.85	309.5	9.03
		76.1	219.5	5.27	237.7	6.28	258.8	7.32	281.3	8.23	289.8	8.46	301.0	8.68	309.5	8.82
		91.4	219.5	5.20	237.7	6.22	258.8	7.25	281.3	8.15	289.8	8.37	301.0	8.58	309.5	8.71
	67	24.4	216.3	7.28	234.2	8.45	255.1	9.85	277.3	11.08	285.6	11.35	296.6	11.60	305.0	11.83
		30.5	216.3	7.13	234.2	8.31	255.1	9.68	277.3	10.90	285.6	11.16	296.6	11.43	305.0	11.65
		60.9	216.3	6.55	234.2	7.78	255.1	9.06	277.3	10.20	285.6	10.43	296.6	10.73	305.0	10.95
		76.1	216.3	6.38	234.2	7.61	255.1	8.87	277.3	10.00	285.6	10.25	296.6	10.51	305.0	10.70
		91.4	216.3	6.30	234.2	7.53	255.1	8.77	277.3	9.90	285.6	10.15	296.6	10.40	305.0	10.58
	75	24.4	216.3	8.97	234.2	10.41	255.1	12.13	277.3	13.68	285.6	14.00	296.6	14.33	305.0	14.57
		30.5	216.3	8.80	234.2	10.25	255.1	11.93	277.3	13.46	285.6	13.78	296.6	14.11	305.0	14.35
		60.9	216.3	8.10	234.2	9.60	255.1	11.16	277.3	12.56	285.6	12.88	296.6	13.24	305.0	13.48
		76.1	216.3	7.85	234.2	9.38	255.1	10.95	277.3	12.33	285.6	12.63	296.6	12.98	305.0	13.19
		91.4	216.3	7.73	234.2	9.26	255.1	10.83	277.3	12.20	285.6	12.51	296.6	12.84	305.0	13.05
	86	24.4	216.3	10.78	234.2	12.50	255.1	14.56	277.3	16.41	285.6	16.80	296.6	17.21	305.0	17.49
		30.5	216.3	10.56	234.2	12.30	255.1	14.33	277.3	16.14	285.6	16.53	296.6	16.93	305.0	17.23
		60.9	216.3	9.68	234.2	11.50	255.1	13.41	277.3	15.08	285.6	15.46	296.6	15.88	305.0	16.19
		76.1	216.3	9.43	234.2	11.26	255.1	13.12	277.3	14.78	285.6	15.18	296.6	15.56	305.0	15.83
		91.4	216.3	9.28	234.2	11.13	255.1	12.98	277.3	14.64	285.6	15.03	296.6	15.40	305.0	15.64
	95	24.4	194.7	10.87	210.8	12.65	229.5	14.73	249.5	16.57	257.0	17.00	267.0	17.41	274.5	17.68
		30.5	194.7	10.65	210.8	12.45	229.5	14.50	249.5	16.31	257.0	16.72	267.0	17.13	274.5	17.42
		60.9	194.7	9.81	210.8	11.62	229.5	13.55	249.5	15.27	257.0	15.63	267.0	16.04	274.5	16.38
		76.1	194.7	9.55	210.8	11.38	229.5	13.26	249.5	14.96	257.0	15.34	267.0	15.73	274.5	16.00
		91.4	194.7	9.41	210.8	11.26	229.5	13.12	249.5	14.80	257.0	15.20	267.0	15.57	274.5	15.80
	104	24.4	173.0	11.49	187.4	13.33	204.0	15.55	221.8	17.48	228.5	17.89	237.3	18.33	244.0	18.66
		30.5	173.0	11.26	187.4	13.12	204.0	15.30	221.8	17.20	228.5	17.61	237.3	18.05	244.0	18.38
		60.9	173.0	10.34	187.4	12.28	204.0	14.30	221.8	16.09	228.5	16.50	237.3	16.93	244.0	17.28
		76.1	173.0	10.05	187.4	12.01	204.0	13.99	221.8	15.78	228.5	16.19	237.3	16.60	244.0	16.89
		91.4	173.0	9.90	187.4	11.88	204.0	13.83	221.8	15.62	228.5	16.03	237.3	16.43	244.0	16.69
	113	24.4	151.3	12.11	164.0	14.01	178.5	16.35	194.1	18.40	200.0	18.79	207.6	19.25	213.5	19.65
		30.5	151.3	11.86	164.0	13.80	178.5	16.09	194.1	18.10	200.0	18.51	207.6	18.96	213.5	19.35
		60.9	151.3	10.88	164.0	12.93	178.5	15.05	194.1	16.91	200.0	17.38	207.6	17.83	213.5	18.16
		76.1	151.3	10.56	164.0	12.63	178.5	14.71	194.1	16.60	200.0	17.03	207.6	17.46	213.5	17.78
		91.4	151.3	10.40	164.0	12.49	178.5	14.55	194.1	16.44	200.0	16.86	207.6	17.28	213.5	17.59
120	23	16.1	211.2	4.33	228.6	5.05	249.0	5.85	270.6	6.58	278.8	6.80	289.7	6.95	297.7	7.03
	32	18.1	211.2	4.33	228.6	5.05	249.0	5.85	270.6	6.58	278.8	6.80	289.7	6.95	297.7	7.03
	41	20.7	211.2	4.33	228.6	5.05	249.0	5.85	270.6	6.58	278.8	6.80	289.7	6.95	297.7	7.03
	50	24.4	211.2	4.33	228.6	5.05	249.0	5.85	270.6	6.58	278.8	6.80	289.7	6.95	297.7	7.03
		30.5	211.2	4.25	228.6	4.97	249.0	5.76	270.6	6.48	278.8	6.67	289.7	6.83	297.7	6.93
		60.9	211.2	3.90	228.6	4.65	249.0	5.41	270.6	6.06	278.8	6.20	289.7	6.36	297.7	6.50
		76.1	211.2	3.78	228.6	4.50	249.0	5.30	270.6	5.92	278.8	6.11	289.7	6.25	297.7	6.37
		91.4	211.2	3.72	228.6	4.42	249.0	5.23	270.6	5.85	278.8	6.06	289.7	6.20	297.7	6.30
	59	24.4	208.7	5.75	226.0	6.68	246.2	7.76	267.5	8.75	275.6	8.96	286.3	9.18	294.3	9.32
		30.5	208.7	5.63	226.0	6.57	246.2	7.63	267.5	8.60	275.6	8.82	286.3	9.03	294.3	9.18
		60.9	208.7	5.17	226.0	6.13	246.2	7.15	267.5	8.05	275.6	8.23	286.3	8.46	294.3	8.63
		76.1	208.7	5.03	226.0	6.00	246.2	7.01	267.5	7.88	275.6	8.10	286.3	8.28	294.3	8.43
		91.4	208.7	4.95	226.0	5.92	246.2	6.93	267.5	7.80	275.6	8.02	286.3	8.20	294.3	8.33
	67	24.4	206.5	7.00	223.7	8.13	243.7	9.45	264.8	10.66	272.8	10.90	283.3	11.16	291.3	11.36
		30.5	206.5	6.86	223.7	8.00	243.7	9.30	264.8	10.48	272.8	10.73	283.3	11.00	291.3	11.18
		60.9	206.5	6.30	223.7	7.47	243.7	8.70	264.8	9.81	272.8	10.05	283.3	10.32	291.3	10.51
		76.1	206.5	6.13	223.7	7.32	243.7	8.53	264.8	9.61	272.8	9.86	283.3	10.10	291.3	10.27
		91.4	206.5	6.05	223.7	7.25	243.7	8.45	264.8	9.52	272.8	9.76	283.3	9.99	291.3	10.15

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

Due to our policy of continuous product innovation, some specifications may change without notification.
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COOLING CAPACITY DATA

ARWN240DAS4, ARWB240DAS4

240,000 Btu/h 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
120	75	24.4	206.5	8.60	223.7	10.00	243.7	11.64	264.8	13.08	272.8	13.41	283.3	13.75	291.3	13.98
		30.5	206.5	8.43	223.7	9.83	243.7	11.45	264.8	12.88	272.8	13.19	283.3	13.53	291.3	13.78
		60.9	206.5	7.75	223.7	9.18	243.7	10.70	264.8	12.06	272.8	12.35	283.3	12.66	291.3	12.93
		76.1	206.5	7.53	223.7	8.98	243.7	10.48	264.8	11.81	272.8	12.10	283.3	12.42	291.3	12.61
		91.4	206.5	7.43	223.7	8.89	243.7	10.38	264.8	11.70	272.8	11.98	283.3	12.30	291.3	12.45
	86	24.4	206.5	10.38	223.7	12.08	243.7	14.08	264.8	15.84	272.8	16.20	283.3	16.62	291.3	16.91
		30.5	206.5	10.17	223.7	11.88	243.7	13.85	264.8	15.58	272.8	15.95	283.3	16.36	291.3	16.65
		60.9	206.5	9.38	223.7	11.11	243.7	12.93	264.8	14.57	272.8	14.93	283.3	15.31	291.3	15.61
		76.1	206.5	9.11	223.7	10.88	243.7	12.66	264.8	14.28	272.8	14.64	283.3	15.03	291.3	15.25
		91.4	206.5	8.98	223.7	10.75	243.7	12.53	264.8	14.13	272.8	14.50	283.3	14.88	291.3	15.06
	95	24.4	189.0	10.65	204.7	12.38	223.0	14.41	242.3	16.23	249.6	16.63	259.3	17.01	266.6	17.33
		30.5	189.0	10.43	204.7	12.18	223.0	14.18	242.3	15.97	249.6	16.36	259.3	16.74	266.6	17.06
		60.9	189.0	9.60	204.7	11.38	223.0	13.26	242.3	14.93	249.6	15.30	259.3	15.71	266.6	16.00
		76.1	189.0	9.33	204.7	11.13	223.0	13.00	242.3	14.64	249.6	15.00	259.3	15.39	266.6	15.63
		91.4	189.0	9.20	204.7	11.01	223.0	12.86	242.3	14.50	249.6	14.86	259.3	15.23	266.6	15.45
	104	24.4	171.5	11.46	185.7	13.31	202.3	15.52	219.9	17.46	226.5	17.88	235.3	18.31	241.8	18.65
		30.5	171.5	11.23	185.7	13.10	202.3	15.27	219.9	17.18	226.5	17.59	235.3	18.03	241.8	18.36
		60.9	171.5	10.34	185.7	12.25	202.3	14.28	219.9	16.06	226.5	16.45	235.3	16.89	241.8	17.23
		76.1	171.5	10.05	185.7	11.98	202.3	13.99	219.9	15.75	226.5	16.16	235.3	16.58	241.8	16.81
		91.4	171.5	9.90	185.7	11.85	202.3	13.85	219.9	15.60	226.5	16.01	235.3	16.41	241.8	16.61
	113	24.4	154.0	12.27	166.7	14.24	181.6	16.63	197.5	18.68	203.4	19.13	211.3	19.61	217.0	19.98
		30.5	154.0	12.03	166.7	14.01	181.6	16.36	197.5	18.38	203.4	18.83	211.3	19.31	217.0	19.66
		60.9	154.0	11.09	166.7	13.12	181.6	15.30	197.5	17.20	203.4	17.61	211.3	18.08	217.0	18.46
		76.1	154.0	10.78	166.7	12.83	181.6	14.98	197.5	16.86	203.4	17.33	211.3	17.76	217.0	18.00
		91.4	154.0	10.62	166.7	12.68	181.6	14.83	197.5	16.70	203.4	17.18	211.3	17.60	217.0	17.76
110	23	16.1	199.2	4.08	215.8	4.73	235.0	5.55	255.3	6.22	262.8	6.35	273.1	6.56	280.7	6.65
	32	18.1	199.2	4.08	215.8	4.73	235.0	5.55	255.3	6.22	262.8	6.35	273.1	6.56	280.7	6.65
	41	20.7	199.2	4.08	215.8	4.73	235.0	5.55	255.3	6.22	262.8	6.35	273.1	6.56	280.7	6.65
	50	24.4	199.2	4.08	215.8	4.73	235.0	5.55	255.3	6.22	262.8	6.35	273.1	6.56	280.7	6.65
		30.5	199.2	4.00	215.8	4.65	235.0	5.45	255.3	6.12	262.8	6.26	273.1	6.45	280.7	6.55
		60.9	199.2	3.68	215.8	4.35	235.0	5.08	255.3	5.73	262.8	5.90	273.1	6.03	280.7	6.12
		76.1	199.2	3.58	215.8	4.26	235.0	4.95	255.3	5.63	262.8	5.72	273.1	5.91	280.7	5.98
		91.4	199.2	3.53	215.8	4.21	235.0	4.90	255.3	5.59	262.8	5.63	273.1	5.85	280.7	5.91
	59	24.4	198.0	5.47	214.4	6.36	233.5	7.42	253.8	8.35	261.3	8.55	271.5	8.76	279.1	8.91
		30.5	198.0	5.36	214.4	6.26	233.5	7.30	253.8	8.21	261.3	8.41	271.5	8.63	279.1	8.77
		60.9	198.0	4.93	214.4	5.85	233.5	6.81	253.8	7.68	261.3	7.88	271.5	8.07	279.1	8.21
		76.1	198.0	4.81	214.4	5.73	233.5	6.67	253.8	7.53	261.3	7.71	271.5	7.93	279.1	8.02
		91.4	198.0	4.75	214.4	5.67	233.5	6.60	253.8	7.46	261.3	7.62	271.5	7.85	279.1	7.93
	67	24.4	196.9	6.70	213.2	7.81	232.2	9.08	252.5	10.24	260.0	10.48	270.1	10.73	277.7	10.93
		30.5	196.9	6.57	213.2	7.68	232.2	8.94	252.5	10.08	260.0	10.32	270.1	10.56	277.7	10.75
		60.9	196.9	6.05	213.2	7.18	232.2	8.36	252.5	9.43	260.0	9.64	270.1	9.88	277.7	10.08
		76.1	196.9	5.90	213.2	7.03	232.2	8.19	252.5	9.23	260.0	9.47	270.1	9.71	277.7	9.83
		91.4	196.9	5.82	213.2	6.96	232.2	8.10	252.5	9.13	260.0	9.38	270.1	9.63	277.7	9.71
	75	24.4	196.9	8.20	213.2	9.55	232.2	11.12	252.5	12.53	260.0	12.81	270.1	13.13	277.7	13.38
		30.5	196.9	8.05	213.2	9.40	232.2	10.95	252.5	12.33	260.0	12.61	270.1	12.93	277.7	13.17
		60.9	196.9	7.42	213.2	8.80	232.2	10.25	252.5	11.53	260.0	11.81	270.1	12.10	277.7	12.35
		76.1	196.9	7.20	213.2	8.60	232.2	10.03	252.5	11.31	260.0	11.58	270.1	11.88	277.7	12.03
		91.4	196.9	7.10	213.2	8.50	232.2	9.92	252.5	11.20	260.0	11.45	270.1	11.78	277.7	11.88
	86	24.4	196.9	10.00	213.2	11.64	232.2	13.56	252.5	15.28	260.0	15.64	270.1	16.00	277.7	16.30
		30.5	196.9	9.81	213.2	11.45	232.2	13.33	252.5	15.03	260.0	15.39	270.1	15.75	277.7	16.04
		60.9	196.9	9.03	213.2	10.70	232.2	12.46	252.5	14.03	260.0	14.40	270.1	14.76	277.7	15.03
		76.1	196.9	8.80	213.2	10.48	232.2	12.23	252.5	13.78	260.0	14.11	270.1	14.48	277.7	14.66
		91.4	196.9	8.67	213.2	10.38	232.2	12.10	252.5	13.63	260.0	13.96	270.1	14.33	277.7	14.48
	95	24.4	183.5	10.43	198.7	12.11	216.4	14.10	235.2	15.89	242.2	16.26	251.7	16.64	258.7	16.96
		30.5	183.5	10.22	198.7	11.91	216.4	13.87	235.2	15.63	242.2	16.00	251.7	16.38	258.7	16.70
		60.9	183.5	9.40	198.7	11.13	216.4	12.98	235.2	14.61	242.2	14.96	251.7	15.34	258.7	15.63
		76.1	183.5	9.13	198.7	10.90	216.4	12.71	235.2	14.33	242.2	14.69	251.7	15.05	258.7	15.25
		91.4	183.5	9.00	198.7	10.78	216.4	12.58	235.2	14.18	242.2	14.56	251.7	14.91	258.7	15.05

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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COOLING CAPACITY DATA

ARWN240DAS4, ARWB240DAS4

240,000 Btu/h 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
110	104	24.4	170.0	11.43	184.2	13.31	200.5	15.50	218.0	17.43	224.5	17.85	233.2	18.28	239.7	18.63
		30.5	170.0	11.21	184.2	13.10	200.5	15.25	218.0	17.16	224.5	17.56	233.2	18.00	239.7	18.34
		60.9	170.0	10.32	184.2	12.23	200.5	14.26	218.0	16.04	224.5	16.43	233.2	16.86	239.7	17.18
		76.1	170.0	10.03	184.2	11.96	200.5	13.96	218.0	15.73	224.5	16.14	233.2	16.55	239.7	16.74
		91.4	170.0	9.88	184.2	11.83	200.5	13.82	218.0	15.57	224.5	15.99	233.2	16.39	239.7	16.53
	113	24.4	156.5	12.45	169.7	14.53	184.6	16.90	200.8	18.98	206.8	19.45	214.7	19.93	220.7	20.30
		30.5	156.5	12.20	169.7	14.28	184.6	16.63	200.8	18.68	206.8	19.13	214.7	19.61	220.7	19.98
		60.9	156.5	11.23	169.7	13.31	184.6	15.53	200.8	17.46	206.8	17.90	214.7	18.38	220.7	18.73
		76.1	156.5	10.92	169.7	13.03	184.6	15.23	200.8	17.13	206.8	17.59	214.7	18.05	220.7	18.24
		91.4	156.5	10.76	169.7	12.88	184.6	15.06	200.8	16.96	206.8	17.43	214.7	17.88	220.7	18.00
100	23	16.1	187.2	3.87	202.7	4.50	220.8	5.16	240.0	5.88	247.2	5.96	256.8	6.17	264.0	6.28
	32	18.1	187.2	3.87	202.7	4.50	220.8	5.16	240.0	5.88	247.2	5.96	256.8	6.17	264.0	6.28
	41	20.7	187.2	3.87	202.7	4.50	220.8	5.16	240.0	5.88	247.2	5.96	256.8	6.17	264.0	6.28
	50	24.4	187.2	3.87	202.7	4.50	220.8	5.16	240.0	5.88	247.2	5.96	256.8	6.17	264.0	6.28
		30.5	187.2	3.79	202.7	4.42	220.8	5.08	240.0	5.78	247.2	5.88	256.8	6.07	264.0	6.18
		60.9	187.2	3.48	202.7	4.11	220.8	4.78	240.0	5.42	247.2	5.53	256.8	5.67	264.0	5.78
		76.1	187.2	3.37	202.7	4.02	220.8	4.67	240.0	5.30	247.2	5.42	256.8	5.55	264.0	5.60
		91.4	187.2	3.31	202.7	3.97	220.8	4.61	240.0	5.25	247.2	5.35	256.8	5.50	264.0	5.50
	59	24.4	187.2	5.23	202.7	6.07	220.8	7.05	240.0	7.95	247.2	8.13	256.8	8.35	264.0	8.50
		30.5	187.2	5.12	202.7	5.97	220.8	6.93	240.0	7.83	247.2	8.00	256.8	8.21	264.0	8.36
		60.9	187.2	4.71	202.7	5.58	220.8	6.50	240.0	7.32	247.2	7.49	256.8	7.68	264.0	7.83
		76.1	187.2	4.57	202.7	5.46	220.8	6.35	240.0	7.18	247.2	7.35	256.8	7.53	264.0	7.61
		91.4	187.2	4.50	202.7	5.40	220.8	6.28	240.0	7.10	247.2	7.27	256.8	7.46	264.0	7.50
	67	24.4	187.2	6.43	202.7	7.46	220.8	8.72	240.0	9.80	247.2	10.05	256.8	10.28	264.0	10.46
		30.5	187.2	6.30	202.7	7.35	220.8	8.58	240.0	9.64	247.2	9.88	256.8	10.13	264.0	10.30
		60.9	187.2	5.80	202.7	6.88	220.8	8.02	240.0	9.01	247.2	9.23	256.8	9.47	264.0	9.64
		76.1	187.2	5.63	202.7	6.75	220.8	7.85	240.0	8.85	247.2	9.06	256.8	9.30	264.0	9.40
		91.4	187.2	5.55	202.7	6.67	220.8	7.77	240.0	8.76	247.2	8.98	256.8	9.22	264.0	9.28
	75	24.4	187.2	7.83	202.7	9.11	220.8	10.61	240.0	11.96	247.2	12.26	256.8	12.55	264.0	12.76
		30.5	187.2	7.68	202.7	8.96	220.8	10.43	240.0	11.76	247.2	12.06	256.8	12.35	264.0	12.56
		60.9	187.2	7.08	202.7	8.38	220.8	9.76	240.0	11.00	247.2	11.26	256.8	11.55	264.0	11.76
		76.1	187.2	6.88	202.7	8.21	220.8	9.57	240.0	10.78	247.2	11.04	256.8	11.33	264.0	11.45
		91.4	187.2	6.78	202.7	8.13	220.8	9.47	240.0	10.66	247.2	10.93	256.8	11.22	264.0	11.30
	86	24.4	187.2	9.63	202.7	11.23	220.8	13.06	240.0	14.71	247.2	15.06	256.8	15.41	264.0	15.71
		30.5	187.2	9.45	202.7	11.04	220.8	12.85	240.0	14.48	247.2	14.81	256.8	15.18	264.0	15.46
		60.9	187.2	8.70	202.7	10.32	220.8	12.01	240.0	13.53	247.2	13.85	256.8	14.21	264.0	14.48
		76.1	187.2	8.46	202.7	10.10	220.8	11.76	240.0	13.26	247.2	13.60	256.8	13.94	264.0	14.08
		91.4	187.2	8.33	202.7	9.99	220.8	11.65	240.0	13.13	247.2	13.48	256.8	13.81	264.0	13.89
	95	24.4	177.9	10.18	192.7	11.83	209.8	13.78	228.0	15.52	234.8	15.89	244.0	16.28	250.8	16.57
		30.5	177.9	9.98	192.7	11.65	209.8	13.55	228.0	15.27	234.8	15.63	244.0	16.02	250.8	16.31
		60.9	177.9	9.18	192.7	10.90	209.8	12.68	228.0	14.28	234.8	14.61	244.0	15.00	250.8	15.27
		76.1	177.9	8.94	192.7	10.65	209.8	12.42	228.0	14.01	234.8	14.35	244.0	14.71	250.8	14.86
		91.4	177.9	8.82	192.7	10.53	209.8	12.28	228.0	13.88	234.8	14.21	244.0	14.56	250.8	14.65
	104	24.4	168.5	11.45	182.5	13.28	198.7	15.48	216.0	17.41	222.5	17.83	231.2	18.26	237.6	18.58
		30.5	168.5	11.21	182.5	13.07	198.7	15.23	216.0	17.13	222.5	17.54	231.2	17.98	237.6	18.29
		60.9	168.5	10.30	182.5	12.23	198.7	14.23	216.0	16.02	222.5	16.41	231.2	16.81	237.6	17.13
		76.1	168.5	10.03	182.5	11.96	198.7	13.94	216.0	15.71	222.5	16.09	231.2	16.50	237.6	16.68
		91.4	168.5	9.90	182.5	11.83	198.7	13.80	216.0	15.55	222.5	15.93	231.2	16.34	237.6	16.44
	113	24.4	159.1	12.70	172.3	14.73	187.6	17.17	204.0	19.30	210.2	19.76	218.4	20.26	224.4	20.59
		30.5	159.1	12.45	172.3	14.50	187.6	16.89	204.0	18.99	210.2	19.45	218.4	19.93	224.4	20.28
		60.9	159.1	11.40	172.3	13.55	187.6	15.78	204.0	17.76	210.2	18.19	218.4	18.63	224.4	18.99
		76.1	159.1	11.11	172.3	13.26	187.6	15.46	204.0	17.40	210.2	17.83	218.4	18.29	224.4	18.48
		91.4	159.1	10.97	172.3	13.12	187.6	15.31	204.0	17.21	210.2	17.65	218.4	18.12	224.4	18.23
90	23	16.1	168.5	3.28	182.5	3.82	198.7	4.46	216.0	5.05	222.5	5.14	231.2	5.25	237.6	5.41
	32	18.1	168.5	3.28	182.5	3.82	198.7	4.46	216.0	5.05	222.5	5.14	231.2	5.25	237.6	5.41
	41	20.7	168.5	3.28	182.5	3.82	198.7	4.46	216.0	5.05	222.5	5.14	231.2	5.25	237.6	5.41
	50	24.4	168.5	3.28	182.5	3.82	198.7	4.46	216.0	5.05	222.5	5.14	231.2	5.25	237.6	5.41
		30.5	168.5	3.23	182.5	3.76	198.7	4.40	216.0	4.98	222.5	5.07	231.2	5.18	237.6	5.33
		60.9	168.5	3.00	182.5	3.56	198.7	4.11	216.0	4.68	222.5	4.77	231.2	4.91	237.6	4.98
		76.1	168.5	2.90	182.5	3.43	198.7	4.05	216.0	4.53	222.5	4.67	231.2	4.81	237.6	4.81
		91.4	168.5	2.86	182.5	3.38	198.7	4.01	216.0	4.45	222.5	4.63	231.2	4.77	237.6	4.73

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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COOLING CAPACITY DATA

ARWN240DAS4, ARWB240DAS4

240,000 Btu/h 460V Heat Pump and Heat Recovery Units

MULTI V WATER IV

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
90	59	24.4	168.5	4.48	182.5	5.20	198.7	6.07	216.0	6.85	222.5	7.00	231.2	7.16	237.6	7.32
		30.5	168.5	4.40	182.5	5.12	198.7	5.97	216.0	6.75	222.5	6.88	231.2	7.05	237.6	7.20
		60.9	168.5	4.06	182.5	4.81	198.7	5.58	216.0	6.30	222.5	6.45	231.2	6.62	237.6	6.75
		76.1	168.5	3.93	182.5	4.68	198.7	5.48	216.0	6.16	222.5	6.33	231.2	6.50	237.6	6.55
		91.4	168.5	3.88	182.5	4.63	198.7	5.43	216.0	6.08	222.5	6.27	231.2	6.43	237.6	6.45
	67	24.4	168.5	5.55	182.5	6.43	198.7	7.50	216.0	8.45	222.5	8.65	231.2	8.87	237.6	9.01
		30.5	168.5	5.43	182.5	6.33	198.7	7.37	216.0	8.31	222.5	8.50	231.2	8.72	237.6	8.87
		60.9	168.5	5.00	182.5	5.92	198.7	6.88	216.0	7.75	222.5	7.95	231.2	8.15	237.6	8.31
		76.1	168.5	4.85	182.5	5.80	198.7	6.77	216.0	7.61	222.5	7.80	231.2	8.00	237.6	8.10
		91.4	168.5	4.78	182.5	5.73	198.7	6.70	216.0	7.53	222.5	7.73	231.2	7.93	237.6	7.98
	75	24.4	168.5	6.75	182.5	7.86	198.7	9.13	216.0	10.28	222.5	10.53	231.2	10.80	237.6	11.00
		30.5	168.5	6.62	182.5	7.73	198.7	8.98	216.0	10.13	222.5	10.36	231.2	10.63	237.6	10.83
		60.9	168.5	6.08	182.5	7.23	198.7	8.41	216.0	9.47	222.5	9.68	231.2	9.95	237.6	10.13
		76.1	168.5	5.92	182.5	7.05	198.7	8.23	216.0	9.28	222.5	9.52	231.2	9.76	237.6	9.86
		91.4	168.5	5.83	182.5	6.97	198.7	8.15	216.0	9.18	222.5	9.43	231.2	9.66	237.6	9.73
	86	24.4	168.5	8.31	182.5	9.65	198.7	11.25	216.0	12.68	222.5	12.96	231.2	13.28	237.6	13.53
		30.5	168.5	8.15	182.5	9.50	198.7	11.06	216.0	12.46	222.5	12.76	231.2	13.07	237.6	13.31
		60.9	168.5	7.49	182.5	8.87	198.7	10.34	216.0	11.65	222.5	11.93	231.2	12.23	237.6	12.45
		76.1	168.5	7.27	182.5	8.70	198.7	10.13	216.0	11.43	222.5	11.70	231.2	12.01	237.6	12.13
		91.4	168.5	7.16	182.5	8.61	198.7	10.01	216.0	11.32	222.5	11.57	231.2	11.90	237.6	11.97
	95	24.4	163.9	8.98	177.4	10.41	193.2	12.13	210.0	13.65	216.3	13.98	224.7	14.31	231.0	14.58
		30.5	163.9	8.80	177.4	10.25	193.2	11.93	210.0	13.43	216.3	13.75	224.7	14.08	231.0	14.35
		60.9	163.9	8.07	177.4	9.57	193.2	11.16	210.0	12.56	216.3	12.85	224.7	13.19	231.0	13.43
		76.1	163.9	7.85	177.4	9.38	193.2	10.92	210.0	12.33	216.3	12.63	224.7	12.95	231.0	13.07
		91.4	163.9	7.75	177.4	9.28	193.2	10.80	210.0	12.20	216.3	12.53	224.7	12.83	231.0	12.88
	104	24.4	159.2	10.31	172.4	11.96	187.7	13.92	204.0	15.70	210.2	16.06	218.3	16.45	224.4	16.74
		30.5	159.2	10.10	172.4	11.76	187.7	13.70	204.0	15.44	210.2	15.80	218.3	16.19	224.4	16.48
		60.9	159.2	9.28	172.4	11.00	187.7	12.83	204.0	14.43	210.2	14.78	218.3	15.15	224.4	15.44
		76.1	159.2	9.01	172.4	10.78	187.7	12.56	204.0	14.16	210.2	14.50	218.3	14.88	224.4	15.03
		91.4	159.2	8.88	172.4	10.66	187.7	12.43	204.0	14.03	210.2	14.35	218.3	14.75	224.4	14.82
	113	24.4	154.5	11.63	167.4	13.51	182.2	15.71	198.0	17.73	204.1	18.14	211.9	18.59	217.8	18.90
		30.5	154.5	11.40	167.4	13.29	182.2	15.46	198.0	17.45	204.1	17.86	211.9	18.29	217.8	18.61
		60.9	154.5	10.48	167.4	12.42	182.2	14.50	198.0	16.28	204.1	16.72	211.9	17.11	217.8	17.45
		76.1	154.5	10.17	167.4	12.18	182.2	14.21	198.0	16.00	204.1	16.36	211.9	16.81	217.8	16.98
		91.4	154.5	10.01	167.4	12.05	182.2	14.06	198.0	15.85	204.1	16.18	211.9	16.67	217.8	16.75
80	23	16.1	149.8	2.81	162.2	3.20	176.7	3.72	192.0	4.26	197.8	4.32	205.5	4.45	211.2	4.48
	32	18.1	149.8	2.81	162.2	3.20	176.7	3.72	192.0	4.26	197.8	4.32	205.5	4.45	211.2	4.48
	41	20.7	149.8	2.81	162.2	3.20	176.7	3.72	192.0	4.26	197.8	4.32	205.5	4.45	211.2	4.48
	50	24.4	149.8	2.81	162.2	3.20	176.7	3.72	192.0	4.26	197.8	4.32	205.5	4.45	211.2	4.48
		30.5	149.8	2.75	162.2	3.16	176.7	3.67	192.0	4.18	197.8	4.25	205.5	4.37	211.2	4.41
		60.9	149.8	2.48	162.2	3.00	176.7	3.47	192.0	3.88	197.8	4.00	205.5	4.07	211.2	4.13
		76.1	149.8	2.47	162.2	2.90	176.7	3.40	192.0	3.81	197.8	3.88	205.5	4.00	211.2	4.05
		91.4	149.8	2.46	162.2	2.85	176.7	3.36	192.0	3.78	197.8	3.82	205.5	3.96	211.2	4.00
	59	24.4	149.8	3.78	162.2	4.37	176.7	5.08	192.0	5.75	197.8	5.87	205.5	6.02	211.2	6.11
		30.5	149.8	3.70	162.2	4.30	176.7	5.00	192.0	5.65	197.8	5.78	205.5	5.92	211.2	6.02
		60.9	149.8	3.38	162.2	4.03	176.7	4.68	192.0	5.27	197.8	5.41	205.5	5.53	211.2	5.63
		76.1	149.8	3.31	162.2	3.93	176.7	4.60	192.0	5.17	197.8	5.30	205.5	5.43	211.2	5.48
		91.4	149.8	3.27	162.2	3.89	176.7	4.55	192.0	5.12	197.8	5.23	205.5	5.38	211.2	5.41
	67	24.4	149.8	4.63	162.2	5.40	176.7	6.28	192.0	7.08	197.8	7.25	205.5	7.41	211.2	7.56
		30.5	149.8	4.55	162.2	5.32	176.7	6.18	192.0	6.96	197.8	7.13	205.5	7.30	211.2	7.45
		60.9	149.8	4.18	162.2	4.95	176.7	5.78	192.0	6.50	197.8	6.67	205.5	6.83	211.2	6.96
		76.1	149.8	4.06	162.2	4.85	176.7	5.65	192.0	6.38	197.8	6.55	205.5	6.72	211.2	6.77
		91.4	149.8	4.00	162.2	4.81	176.7	5.60	192.0	6.32	197.8	6.48	205.5	6.65	211.2	6.67
	75	24.4	149.8	5.67	162.2	6.58	176.7	7.66	192.0	8.61	197.8	8.85	205.5	9.06	211.2	9.21
		30.5	149.8	5.56	162.2	6.48	176.7	7.53	192.0	8.48	197.8	8.70	205.5	8.91	211.2	9.06
		60.9	149.8	5.10	162.2	6.05	176.7	7.05	192.0	7.95	197.8	8.12	205.5	8.33	211.2	8.48
		76.1	149.8	4.95	162.2	5.92	176.7	6.91	192.0	7.78	197.8	7.98	205.5	8.19	211.2	8.26
		91.4	149.8	4.88	162.2	5.86	176.7	6.83	192.0	7.70	197.8	7.90	205.5	8.12	211.2	8.15

TC = Total Capacity (MBh).

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ARWN240DAS4, ARWB240DAS4

240,000 Btu/h 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
80	86	24.4	149.8	6.95	162.2	8.08	176.7	9.43	192.0	10.61	197.8	10.85	205.5	11.12	211.2	11.35
		30.5	149.8	6.81	162.2	7.95	176.7	9.28	192.0	10.43	197.8	10.68	205.5	10.95	211.2	11.16
		60.9	149.8	6.28	162.2	7.45	176.7	8.68	192.0	9.76	197.8	10.00	205.5	10.25	211.2	10.43
		76.1	149.8	6.11	162.2	7.27	176.7	8.48	192.0	9.57	197.8	9.81	205.5	10.05	211.2	10.17
		91.4	149.8	6.03	162.2	7.18	176.7	8.38	192.0	9.47	197.8	9.71	205.5	9.95	211.2	10.03
	95	24.4	149.8	7.73	162.2	8.98	176.7	10.46	192.0	11.78	197.8	12.08	205.5	12.38	211.2	12.60
		30.5	149.8	7.58	162.2	8.85	176.7	10.30	192.0	11.60	197.8	11.88	205.5	12.18	211.2	12.40
		60.9	149.8	6.98	162.2	8.26	176.7	9.64	192.0	10.85	197.8	11.11	205.5	11.38	211.2	11.60
		76.1	149.8	6.78	162.2	8.10	176.7	9.45	192.0	10.63	197.8	10.90	205.5	11.18	211.2	11.28
		91.4	149.8	6.70	162.2	8.01	176.7	9.35	192.0	10.52	197.8	10.78	205.5	11.09	211.2	11.13
	104	24.4	149.8	9.17	162.2	10.66	176.7	12.40	192.0	13.98	197.8	14.30	205.5	14.66	211.2	14.90
		30.5	149.8	8.98	162.2	10.48	176.7	12.20	192.0	13.75	197.8	14.06	205.5	14.43	211.2	14.66
		60.9	149.8	8.26	162.2	9.78	176.7	11.40	192.0	12.85	197.8	13.15	205.5	13.48	211.2	13.73
		76.1	149.8	8.02	162.2	9.60	176.7	11.16	192.0	12.58	197.8	12.90	205.5	13.24	211.2	13.36
		91.4	149.8	7.90	162.2	9.50	176.7	11.04	192.0	12.45	197.8	12.78	205.5	13.12	211.2	13.18
	113	24.4	149.8	10.60	162.2	12.33	176.7	14.35	192.0	16.16	197.8	16.51	205.5	16.95	211.2	17.21
		30.5	149.8	10.39	162.2	12.13	176.7	14.11	192.0	15.90	197.8	16.23	205.5	16.68	211.2	16.93
		60.9	149.8	9.55	162.2	11.31	176.7	13.17	192.0	14.86	197.8	15.18	205.5	15.58	211.2	15.85
		76.1	149.8	9.25	162.2	11.09	176.7	12.88	192.0	14.55	197.8	14.91	205.5	15.30	211.2	15.44
		91.4	149.8	9.11	162.2	10.98	176.7	12.73	192.0	14.38	197.8	14.78	205.5	15.15	211.2	15.23
70	23	16.1	131.1	2.30	141.9	2.67	154.6	3.08	168.0	3.48	173.0	3.62	179.8	3.71	184.8	3.72
	32	18.1	131.1	2.30	141.9	2.67	154.6	3.08	168.0	3.48	173.0	3.62	179.8	3.71	184.8	3.72
	41	20.7	131.1	2.30	141.9	2.67	154.6	3.08	168.0	3.48	173.0	3.62	179.8	3.71	184.8	3.72
	50	24.4	131.1	2.30	141.9	2.67	154.6	3.08	168.0	3.48	173.0	3.62	179.8	3.71	184.8	3.72
		30.5	131.1	2.25	141.9	2.63	154.6	3.05	168.0	3.43	173.0	3.56	179.8	3.65	184.8	3.67
		60.9	131.1	2.10	141.9	2.43	154.6	2.85	168.0	3.25	173.0	3.33	179.8	3.42	184.8	3.47
		76.1	131.1	2.05	141.9	2.40	154.6	2.81	168.0	3.16	173.0	3.23	179.8	3.32	184.8	3.37
		91.4	131.1	2.03	141.9	2.37	154.6	2.79	168.0	3.11	173.0	3.18	179.8	3.27	184.8	3.32
	59	24.4	131.1	3.13	141.9	3.63	154.6	4.22	168.0	4.76	173.0	4.88	179.8	5.01	184.8	5.08
		30.5	131.1	3.07	141.9	3.58	154.6	4.15	168.0	4.68	173.0	4.81	179.8	4.93	184.8	5.00
		60.9	131.1	2.83	141.9	3.33	154.6	3.89	168.0	4.40	173.0	4.50	179.8	4.62	184.8	4.68
		76.1	131.1	2.75	141.9	3.26	154.6	3.82	168.0	4.30	173.0	4.40	179.8	4.52	184.8	4.57
		91.4	131.1	2.72	141.9	3.23	154.6	3.78	168.0	4.25	173.0	4.35	179.8	4.47	184.8	4.50
	67	24.4	131.1	3.87	141.9	4.50	154.6	5.23	168.0	5.90	173.0	6.02	179.8	6.16	184.8	6.28
		30.5	131.1	3.80	141.9	4.42	154.6	5.15	168.0	5.80	173.0	5.92	179.8	6.06	184.8	6.18
		60.9	131.1	3.48	141.9	4.13	154.6	4.81	168.0	5.41	173.0	5.53	179.8	5.68	184.8	5.78
		76.1	131.1	3.38	141.9	4.03	154.6	4.71	168.0	5.32	173.0	5.43	179.8	5.58	184.8	5.63
		91.4	131.1	3.33	141.9	3.98	154.6	4.66	168.0	5.27	173.0	5.38	179.8	5.53	184.8	5.55
	75	24.4	131.1	4.70	141.9	5.48	154.6	6.35	168.0	7.17	173.0	7.34	179.8	7.51	184.8	7.66
		30.5	131.1	4.62	141.9	5.38	154.6	6.26	168.0	7.05	173.0	7.23	179.8	7.40	184.8	7.53
		60.9	131.1	4.25	141.9	5.03	154.6	5.87	168.0	6.60	173.0	6.77	179.8	6.93	184.8	7.05
		76.1	131.1	4.13	141.9	4.93	154.6	5.75	168.0	6.48	173.0	6.62	179.8	6.78	184.8	6.86
		91.4	131.1	4.07	141.9	4.88	154.6	5.68	168.0	6.41	173.0	6.55	179.8	6.72	184.8	6.76
	86	24.4	131.1	5.80	141.9	6.73	154.6	7.83	168.0	8.81	173.0	9.03	179.8	9.25	184.8	9.43
		30.5	131.1	5.68	141.9	6.62	154.6	7.71	168.0	8.68	173.0	8.90	179.8	9.11	184.8	9.28
		60.9	131.1	5.22	141.9	6.18	154.6	7.20	168.0	8.12	173.0	8.31	179.8	8.53	184.8	8.68
		76.1	131.1	5.08	141.9	6.06	154.6	7.05	168.0	7.95	173.0	8.17	179.8	8.36	184.8	8.46
		91.4	131.1	5.00	141.9	6.00	154.6	6.98	168.0	7.86	173.0	8.10	179.8	8.28	184.8	8.35
	95	24.4	131.1	6.43	141.9	7.46	154.6	8.73	168.0	9.80	173.0	10.05	179.8	10.28	184.8	10.46
		30.5	131.1	6.30	141.9	7.35	154.6	8.58	168.0	9.64	173.0	9.88	179.8	10.13	184.8	10.30
		60.9	131.1	5.80	141.9	6.88	154.6	8.00	168.0	9.01	173.0	9.23	179.8	9.47	184.8	9.64
		76.1	131.1	5.63	141.9	6.72	154.6	7.85	168.0	8.85	173.0	9.06	179.8	9.30	184.8	9.40
		91.4	131.1	5.55	141.9	6.63	154.6	7.78	168.0	8.76	173.0	8.98	179.8	9.22	184.8	9.28
	104	24.4	131.1	7.62	141.9	8.83	154.6	10.31	168.0	11.62	173.0	11.88	179.8	12.18	184.8	12.40
		30.5	131.1	7.47	141.9	8.70	154.6	10.15	168.0	11.43	173.0	11.70	179.8	11.98	184.8	12.20
		60.9	131.1	6.86	141.9	8.15	154.6	9.50	168.0	10.68	173.0	10.95	179.8	11.21	184.8	11.43
		76.1	131.1	6.67	141.9	7.98	154.6	9.28	168.0	10.46	173.0	10.73	179.8	11.02	184.8	11.11
		91.4	131.1	6.57	141.9	7.88	154.6	9.17	168.0	10.35	173.0	10.62	179.8	10.92	184.8	10.96

TC = Total Capacity (MBh).

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COOLING CAPACITY DATA

ARWN240DAS4, ARWB240DAS4

240,000 Btu/h 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
70	113	24.4	131.1	8.80	141.9	10.21	154.6	11.90	168.0	13.43	173.0	13.72	179.8	14.07	184.8	14.33
		30.5	131.1	8.63	141.9	10.05	154.6	11.72	168.0	13.21	173.0	13.51	179.8	13.85	184.8	14.11
		60.9	131.1	7.93	141.9	9.40	154.6	11.00	168.0	12.35	173.0	12.66	179.8	12.95	184.8	13.21
		76.1	131.1	7.71	141.9	9.23	154.6	10.70	168.0	12.08	173.0	12.40	179.8	12.73	184.8	12.83
		91.4	131.1	7.60	141.9	9.15	154.6	10.56	168.0	11.95	173.0	12.26	179.8	12.63	184.8	12.63
60	23	16.1	112.3	1.82	121.7	2.13	132.5	2.45	144.0	2.82	148.4	2.89	154.1	2.92	158.4	2.97
	32	18.1	112.3	1.82	121.7	2.13	132.5	2.45	144.0	2.82	148.4	2.89	154.1	2.92	158.4	2.97
	41	20.7	112.3	1.82	121.7	2.13	132.5	2.45	144.0	2.82	148.4	2.89	154.1	2.92	158.4	2.97
	50	24.4	112.3	1.82	121.7	2.13	132.5	2.45	144.0	2.82	148.4	2.89	154.1	2.92	158.4	2.97
		30.5	112.3	1.78	121.7	2.09	132.5	2.41	144.0	2.77	148.4	2.83	154.1	2.88	158.4	2.93
		60.9	112.3	1.65	121.7	1.95	132.5	2.30	144.0	2.58	148.4	2.63	154.1	2.72	158.4	2.77
		76.1	112.3	1.58	121.7	1.93	132.5	2.25	144.0	2.53	148.4	2.58	154.1	2.65	158.4	2.70
		91.4	112.3	1.54	121.7	1.92	132.5	2.23	144.0	2.51	148.4	2.55	154.1	2.61	158.4	2.66
	59	24.4	112.3	2.49	121.7	2.90	132.5	3.36	144.0	3.80	148.4	3.91	154.1	3.98	158.4	4.05
		30.5	112.3	2.44	121.7	2.85	132.5	3.31	144.0	3.75	148.4	3.85	154.1	3.92	158.4	3.98
		60.9	112.3	2.25	121.7	2.66	132.5	3.12	144.0	3.50	148.4	3.58	154.1	3.67	158.4	3.75
		76.1	112.3	2.18	121.7	2.61	132.5	3.05	144.0	3.43	148.4	3.50	154.1	3.60	158.4	3.65
		91.4	112.3	2.13	121.7	2.58	132.5	3.01	144.0	3.40	148.4	3.47	154.1	3.56	158.4	3.60
	67	24.4	112.3	3.08	121.7	3.58	132.5	4.18	144.0	4.68	148.4	4.82	154.1	4.91	158.4	5.01
		30.5	112.3	3.02	121.7	3.53	132.5	4.11	144.0	4.62	148.4	4.73	154.1	4.83	158.4	4.93
		60.9	112.3	2.78	121.7	3.28	132.5	3.85	144.0	4.33	148.4	4.42	154.1	4.52	158.4	4.62
		76.1	112.3	2.70	121.7	3.21	132.5	3.75	144.0	4.23	148.4	4.33	154.1	4.45	158.4	4.50
		91.4	112.3	2.67	121.7	3.18	132.5	3.70	144.0	4.18	148.4	4.28	154.1	4.41	158.4	4.43
	75	24.4	112.3	3.75	121.7	4.37	132.5	5.08	144.0	5.72	148.4	5.85	154.1	5.98	158.4	6.11
		30.5	112.3	3.67	121.7	4.30	132.5	5.00	144.0	5.63	148.4	5.75	154.1	5.90	158.4	6.02
		60.9	112.3	3.38	121.7	4.01	132.5	4.66	144.0	5.27	148.4	5.38	154.1	5.53	158.4	5.63
		76.1	112.3	3.28	121.7	3.92	132.5	4.57	144.0	5.15	148.4	5.30	154.1	5.41	158.4	5.48
		91.4	112.3	3.23	121.7	3.87	132.5	4.52	144.0	5.08	148.4	5.25	154.1	5.35	158.4	5.41
	86	24.4	112.3	4.61	121.7	5.35	132.5	6.23	144.0	7.02	148.4	7.20	154.1	7.36	158.4	7.51
		30.5	112.3	4.52	121.7	5.27	132.5	6.13	144.0	6.91	148.4	7.08	154.1	7.25	158.4	7.40
		60.9	112.3	4.15	121.7	4.93	132.5	5.75	144.0	6.48	148.4	6.62	154.1	6.78	158.4	6.91
		76.1	112.3	4.03	121.7	4.83	132.5	5.63	144.0	6.35	148.4	6.50	154.1	6.67	158.4	6.75
		91.4	112.3	3.97	121.7	4.78	132.5	5.57	144.0	6.30	148.4	6.43	154.1	6.61	158.4	6.65
	95	24.4	112.3	5.13	121.7	5.97	132.5	6.95	144.0	7.80	148.4	8.00	154.1	8.20	158.4	8.35
		30.5	112.3	5.03	121.7	5.87	132.5	6.83	144.0	7.68	148.4	7.88	154.1	8.07	158.4	8.21
		60.9	112.3	4.62	121.7	5.48	132.5	6.38	144.0	7.20	148.4	7.37	154.1	7.53	158.4	7.68
		76.1	112.3	4.50	121.7	5.36	132.5	6.26	144.0	7.05	148.4	7.23	154.1	7.42	158.4	7.49
		91.4	112.3	4.43	121.7	5.30	132.5	6.20	144.0	6.98	148.4	7.15	154.1	7.35	158.4	7.40
	104	24.4	112.3	6.06	121.7	7.05	132.5	8.23	144.0	9.26	148.4	9.48	154.1	9.70	158.4	9.90
		30.5	112.3	5.95	121.7	6.93	132.5	8.10	144.0	9.11	148.4	9.33	154.1	9.55	158.4	9.73
		60.9	112.3	5.48	121.7	6.50	132.5	7.56	144.0	8.50	148.4	8.72	154.1	8.94	158.4	9.11
		76.1	112.3	5.32	121.7	6.35	132.5	7.42	144.0	8.33	148.4	8.55	154.1	8.77	158.4	8.87
		91.4	112.3	5.23	121.7	6.28	132.5	7.35	144.0	8.25	148.4	8.47	154.1	8.68	158.4	8.75
	113	24.4	112.3	6.98	121.7	8.12	132.5	9.50	144.0	10.72	148.4	10.95	154.1	11.18	158.4	11.45
		30.5	112.3	6.86	121.7	8.00	132.5	9.35	144.0	10.53	148.4	10.78	154.1	11.02	158.4	11.26
		60.9	112.3	6.35	121.7	7.51	132.5	8.75	144.0	9.81	148.4	10.08	154.1	10.34	158.4	10.53
		76.1	112.3	6.13	121.7	7.35	132.5	8.58	144.0	9.61	148.4	9.88	154.1	10.13	158.4	10.25
		91.4	112.3	6.03	121.7	7.26	132.5	8.50	144.0	9.52	148.4	9.78	154.1	10.01	158.4	10.10
50	23	16.1	93.6	1.35	101.3	1.58	110.3	1.90	120.1	2.07	123.7	2.11	128.4	2.20	132.0	2.22
	32	18.1	93.6	1.35	101.3	1.58	110.3	1.90	120.1	2.07	123.7	2.11	128.4	2.20	132.0	2.22
	41	20.7	93.6	1.35	101.3	1.58	110.3	1.90	120.1	2.07	123.7	2.11	128.4	2.20	132.0	2.22
	50	24.4	93.6	1.35	101.3	1.58	110.3	1.90	120.1	2.07	123.7	2.11	128.4	2.20	132.0	2.22
		30.5	93.6	1.32	101.3	1.55	110.3	1.87	120.1	2.05	123.7	2.09	128.4	2.16	132.0	2.18
		60.9	93.6	1.20	101.3	1.47	110.3	1.72	120.1	1.93	123.7	2.00	128.4	2.00	132.0	2.05
		76.1	93.6	1.18	101.3	1.47	110.3	1.67	120.1	1.88	123.7	1.90	128.4	1.98	132.0	1.97
		91.4	93.6	1.17	101.3	1.47	110.3	1.65	120.1	1.85	123.7	1.85	128.4	1.97	132.0	1.93
	59	24.4	93.6	1.85	101.3	2.16	110.3	2.53	120.1	2.82	123.7	2.90	128.4	2.97	132.0	3.02
		30.5	93.6	1.81	101.3	2.13	110.3	2.49	120.1	2.78	123.7	2.85	128.4	2.92	132.0	2.97
		60.9	93.6	1.67	101.3	1.98	110.3	2.32	120.1	2.61	123.7	2.68	128.4	2.73	132.0	2.78
		76.1	93.6	1.62	101.3	1.95	110.3	2.27	120.1	2.56	123.7	2.61	128.4	2.68	132.0	2.70
		91.4	93.6	1.60	101.3	1.95	110.3	2.25	120.1	2.53	123.7	2.57	128.4	2.65	132.0	2.67

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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MULTI V WATER IV

COOLING CAPACITY DATA

ARWN240DAS4, ARWB240DAS4

240,000 Btu/h 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
50	67	24.4	93.6	2.29	101.3	2.68	110.3	3.10	120.1	3.48	123.7	3.58	128.4	3.65	132.0	3.73
		30.5	93.6	2.25	101.3	2.63	110.3	3.05	120.1	3.43	123.7	3.53	128.4	3.60	132.0	3.67
		60.9	93.6	2.08	101.3	2.44	110.3	2.85	120.1	3.21	123.7	3.28	128.4	3.38	132.0	3.43
		76.1	93.6	2.00	101.3	2.40	110.3	2.80	120.1	3.17	123.7	3.23	128.4	3.31	132.0	3.36
		91.4	93.6	1.97	101.3	2.37	110.3	2.78	120.1	3.14	123.7	3.21	128.4	3.27	132.0	3.32
	75	24.4	93.6	2.78	101.3	3.23	110.3	3.78	120.1	4.28	123.7	4.37	128.4	4.47	132.0	4.53
		30.5	93.6	2.73	101.3	3.19	110.3	3.72	120.1	4.20	123.7	4.30	128.4	4.40	132.0	4.47
		60.9	93.6	2.51	101.3	3.00	110.3	3.48	120.1	3.92	123.7	4.01	128.4	4.11	132.0	4.20
		76.1	93.6	2.44	101.3	2.92	110.3	3.40	120.1	3.85	123.7	3.93	128.4	4.03	132.0	4.08
		91.4	93.6	2.40	101.3	2.88	110.3	3.37	120.1	3.80	123.7	3.90	128.4	4.00	132.0	4.02
	86	24.4	93.6	3.45	101.3	4.00	110.3	4.67	120.1	5.25	123.7	5.38	128.4	5.50	132.0	5.60
		30.5	93.6	3.38	101.3	3.93	110.3	4.60	120.1	5.17	123.7	5.30	128.4	5.41	132.0	5.51
		60.9	93.6	3.10	101.3	3.67	110.3	4.28	120.1	4.83	123.7	4.93	128.4	5.08	132.0	5.15
		76.1	93.6	3.02	101.3	3.60	110.3	4.20	120.1	4.73	123.7	4.85	128.4	4.98	132.0	5.03
		91.4	93.6	2.98	101.3	3.56	110.3	4.17	120.1	4.68	123.7	4.82	128.4	4.93	132.0	4.97
	95	24.4	93.6	3.82	101.3	4.45	110.3	5.18	120.1	5.82	123.7	5.97	128.4	6.11	132.0	6.21
		30.5	93.6	3.75	101.3	4.37	110.3	5.10	120.1	5.73	123.7	5.87	128.4	6.02	132.0	6.11
		60.9	93.6	3.45	101.3	4.08	110.3	4.76	120.1	5.36	123.7	5.48	128.4	5.63	132.0	5.73
		76.1	93.6	3.36	101.3	4.01	110.3	4.66	120.1	5.27	123.7	5.38	128.4	5.53	132.0	5.58
		91.4	93.6	3.31	101.3	3.98	110.3	4.62	120.1	5.22	123.7	5.33	128.4	5.48	132.0	5.51
	104	24.4	93.6	4.53	101.3	5.25	110.3	6.15	120.1	6.90	123.7	7.08	128.4	7.25	132.0	7.36
		30.5	93.6	4.45	101.3	5.17	110.3	6.05	120.1	6.78	123.7	6.96	128.4	7.13	132.0	7.25
		60.9	93.6	4.08	101.3	4.83	110.3	5.63	120.1	6.35	123.7	6.50	128.4	6.67	132.0	6.78
		76.1	93.6	3.96	101.3	4.73	110.3	5.53	120.1	6.23	123.7	6.38	128.4	6.55	132.0	6.60
		91.4	93.6	3.90	101.3	4.68	110.3	5.48	120.1	6.17	123.7	6.32	128.4	6.48	132.0	6.50
	113	24.4	93.6	5.25	101.3	6.07	110.3	7.10	120.1	7.98	123.7	8.18	128.4	8.38	132.0	8.52
		30.5	93.6	5.15	101.3	5.97	110.3	6.98	120.1	7.85	123.7	8.05	128.4	8.23	132.0	8.38
		60.9	93.6	4.71	101.3	5.58	110.3	6.50	120.1	7.35	123.7	7.51	128.4	7.71	132.0	7.85
		76.1	93.6	4.57	101.3	5.46	110.3	6.40	120.1	7.20	123.7	7.37	128.4	7.56	132.0	7.61
		91.4	93.6	4.50	101.3	5.40	110.3	6.35	120.1	7.13	123.7	7.30	128.4	7.48	132.0	7.48

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

Due to our policy of continuous product innovation, some specifications may change without notification.
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COOLING CAPACITY DATA

ARWN289DAS4, ARWB289DAS4
288,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet water Temp. (°F)	Water flow rate [gpm]	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]
130	23	18.8	267.7	5.4	289.9	6.4	315.6	7.4	343.0	8.3	353.4	8.5	367.1	8.8	377.5	8.9
	32	21.0	267.7	5.4	289.9	6.4	315.6	7.4	343.0	8.3	353.4	8.5	367.1	8.8	377.5	8.9
	41	24.2	267.7	5.4	289.9	6.4	315.6	7.4	343.0	8.3	353.4	8.5	367.1	8.8	377.5	8.9
	50	28.4	267.7	5.4	289.9	6.4	315.6	7.4	343.0	8.3	353.4	8.5	367.1	8.8	377.5	8.9
		35.5	267.7	5.4	289.9	6.3	315.6	7.3	343.0	8.2	353.4	8.4	367.1	8.7	377.5	8.8
		71.0	267.7	5.0	289.9	5.8	315.6	6.8	343.0	7.7	353.4	7.9	367.1	8.1	377.5	8.3
		88.8	267.7	4.8	289.9	5.7	315.6	6.7	343.0	7.5	353.4	7.7	367.1	7.9	377.5	8.0
		106.5	267.7	4.8	289.9	5.7	315.6	6.6	343.0	7.4	353.4	7.6	367.1	7.9	377.5	7.9
	59	28.4	263.4	7.2	285.2	8.4	310.6	9.8	337.6	11.0	347.8	11.2	361.2	11.5	371.4	11.7
		35.5	263.4	7.0	285.2	8.2	310.6	9.6	337.6	10.8	347.8	11.0	361.2	11.3	371.4	11.5
		71.0	263.4	6.5	285.2	7.7	310.6	9.0	337.6	10.1	347.8	10.4	361.2	10.6	371.4	10.8
		88.8	263.4	6.3	285.2	7.5	310.6	8.8	337.6	9.9	347.8	10.2	361.2	10.4	371.4	10.6
		106.5	263.4	6.2	285.2	7.5	310.6	8.7	337.6	9.8	347.8	10.0	361.2	10.3	371.4	10.5
	67	28.4	259.6	8.7	281.0	10.1	306.2	11.8	332.8	13.3	342.8	13.6	356.0	13.9	366.0	14.2
		35.5	259.6	8.6	281.0	10.0	306.2	11.6	332.8	13.1	342.8	13.4	356.0	13.7	366.0	14.0
		71.0	259.6	7.9	281.0	9.3	306.2	10.9	332.8	12.2	342.8	12.5	356.0	12.9	366.0	13.1
		88.8	259.6	7.7	281.0	9.1	306.2	10.6	332.8	12.0	342.8	12.3	356.0	12.6	366.0	12.8
		106.5	259.6	7.6	281.0	9.0	306.2	10.5	332.8	11.9	342.8	12.2	356.0	12.5	366.0	12.7
	75	28.4	259.6	10.8	281.0	12.5	306.2	14.6	332.8	16.4	342.8	16.8	356.0	17.2	366.0	17.5
		35.5	259.6	10.6	281.0	12.3	306.2	14.3	332.8	16.2	342.8	16.5	356.0	16.9	366.0	17.2
		71.0	259.6	9.7	281.0	11.5	306.2	13.4	332.8	15.1	342.8	15.5	356.0	15.9	366.0	16.2
		88.8	259.6	9.4	281.0	11.3	306.2	13.1	332.8	14.8	342.8	15.2	356.0	15.6	366.0	15.8
		106.5	259.6	9.3	281.0	11.1	306.2	13.0	332.8	14.6	342.8	15.0	356.0	15.4	366.0	15.7
	86	28.4	259.6	12.9	281.0	15.0	306.2	17.5	332.8	19.7	342.8	20.2	356.0	20.7	366.0	21.0
		35.5	259.6	12.7	281.0	14.8	306.2	17.2	332.8	19.4	342.8	19.8	356.0	20.3	366.0	20.7
		71.0	259.6	11.6	281.0	13.8	306.2	16.1	332.8	18.1	342.8	18.6	356.0	19.1	366.0	19.4
		88.8	259.6	11.3	281.0	13.5	306.2	15.7	332.8	17.7	342.8	18.2	356.0	18.7	366.0	19.0
		106.5	259.6	11.1	281.0	13.4	306.2	15.6	332.8	17.6	342.8	18.0	356.0	18.5	366.0	18.8
	95	28.4	233.6	13.0	253.0	15.2	275.4	17.7	299.4	19.9	308.4	20.4	320.4	20.9	329.4	21.2
		35.5	233.6	12.8	253.0	14.9	275.4	17.4	299.4	19.6	308.4	20.1	320.4	20.6	329.4	20.9
		71.0	233.6	11.8	253.0	13.9	275.4	16.3	299.4	18.3	308.4	18.8	320.4	19.3	329.4	19.7
		88.8	233.6	11.5	253.0	13.7	275.4	15.9	299.4	18.0	308.4	18.4	320.4	18.9	329.4	19.2
		106.5	233.6	11.3	253.0	13.5	275.4	15.7	299.4	17.8	308.4	18.2	320.4	18.7	329.4	19.0
	104	28.4	207.6	13.8	224.8	16.0	244.8	18.7	266.2	21.0	274.2	21.5	284.8	22.0	292.8	22.4
		35.5	207.6	13.5	224.8	15.7	244.8	18.4	266.2	20.6	274.2	21.1	284.8	21.7	292.8	22.1
		71.0	207.6	12.4	224.8	14.7	244.8	17.2	266.2	19.3	274.2	19.8	284.8	20.3	292.8	20.7
		88.8	207.6	12.1	224.8	14.4	244.8	16.8	266.2	18.9	274.2	19.4	284.8	19.9	292.8	20.3
		106.5	207.6	11.9	224.8	14.3	244.8	16.6	266.2	18.7	274.2	19.2	284.8	19.7	292.8	20.0
	113	28.4	181.6	14.5	196.6	16.8	214.2	19.6	233.0	22.1	240.0	22.6	249.2	23.1	256.2	23.6
		35.5	181.6	14.2	196.6	16.6	214.2	19.3	233.0	21.7	240.0	22.2	249.2	22.8	256.2	23.2
		71.0	181.6	13.1	196.6	15.5	214.2	18.1	233.0	20.3	240.0	20.9	249.2	21.4	256.2	21.8
		88.8	181.6	12.7	196.6	15.2	214.2	17.7	233.0	19.9	240.0	20.4	249.2	21.0	256.2	21.3
		106.5	181.6	12.5	196.6	15.0	214.2	17.5	233.0	19.7	240.0	20.2	249.2	20.7	256.2	21.1

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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COOLING CAPACITY DATA

ARWN289DAS4, ARWB289DAS4

288,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet water Temp. (°F)	Water flow rate [gpm]	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]
120	23	18.8	253.3	5.2	274.4	6.1	298.8	7.0	324.6	7.9	334.6	8.2	347.7	8.3	357.3	8.4
	32	21.0	253.3	5.2	274.4	6.1	298.8	7.0	324.6	7.9	334.6	8.2	347.7	8.3	357.3	8.4
	41	24.2	253.3	5.2	274.4	6.1	298.8	7.0	324.6	7.9	334.6	8.2	347.7	8.3	357.3	8.4
	50	28.4	253.3	5.2	274.4	6.1	298.8	7.0	324.6	7.9	334.6	8.2	347.7	8.3	357.3	8.4
		35.5	253.3	5.1	274.4	6.0	298.8	6.9	324.6	7.8	334.6	8.0	347.7	8.2	357.3	8.3
		71.0	253.3	4.7	274.4	5.6	298.8	6.5	324.6	7.3	334.6	7.4	347.7	7.6	357.3	7.8
		88.8	253.3	4.5	274.4	5.4	298.8	6.4	324.6	7.1	334.6	7.3	347.7	7.5	357.3	7.6
		106.5	253.3	4.5	274.4	5.3	298.8	6.3	324.6	7.0	334.6	7.3	347.7	7.4	357.3	7.6
	59	28.4	250.4	6.9	271.2	8.0	295.4	9.3	321.0	10.5	330.8	10.8	343.6	11.0	353.2	11.2
		35.5	250.4	6.8	271.2	7.9	295.4	9.2	321.0	10.3	330.8	10.6	343.6	10.8	353.2	11.0
		71.0	250.4	6.2	271.2	7.4	295.4	8.6	321.0	9.7	330.8	9.9	343.6	10.2	353.2	10.4
		88.8	250.4	6.0	271.2	7.2	295.4	8.4	321.0	9.5	330.8	9.7	343.6	9.9	353.2	10.1
		106.5	250.4	5.9	271.2	7.1	295.4	8.3	321.0	9.4	330.8	9.6	343.6	9.8	353.2	10.0
	67	28.4	247.8	8.4	268.4	9.8	292.4	11.3	317.8	12.8	327.4	13.1	340.0	13.4	349.6	13.6
		35.5	247.8	8.2	268.4	9.6	292.4	11.2	317.8	12.6	327.4	12.9	340.0	13.2	349.6	13.4
		71.0	247.8	7.6	268.4	9.0	292.4	10.4	317.8	11.8	327.4	12.1	340.0	12.4	349.6	12.6
		88.8	247.8	7.4	268.4	8.8	292.4	10.2	317.8	11.5	327.4	11.8	340.0	12.1	349.6	12.3
		106.5	247.8	7.3	268.4	8.7	292.4	10.1	317.8	11.4	327.4	11.7	340.0	12.0	349.6	12.2
	75	28.4	247.8	10.3	268.4	12.0	292.4	14.0	317.8	15.7	327.4	16.1	340.0	16.5	349.6	16.8
		35.5	247.8	10.1	268.4	11.8	292.4	13.7	317.8	15.5	327.4	15.8	340.0	16.2	349.6	16.5
		71.0	247.8	9.3	268.4	11.0	292.4	12.8	317.8	14.5	327.4	14.8	340.0	15.2	349.6	15.5
		88.8	247.8	9.0	268.4	10.8	292.4	12.6	317.8	14.2	327.4	14.5	340.0	14.9	349.6	15.1
		106.5	247.8	8.9	268.4	10.7	292.4	12.5	317.8	14.0	327.4	14.4	340.0	14.8	349.6	14.9
	86	28.4	247.8	12.5	268.4	14.5	292.4	16.9	317.8	19.0	327.4	19.4	340.0	19.9	349.6	20.3
		35.5	247.8	12.2	268.4	14.3	292.4	16.6	317.8	18.7	327.4	19.1	340.0	19.6	349.6	20.0
		71.0	247.8	11.3	268.4	13.3	292.4	15.5	317.8	17.5	327.4	17.9	340.0	18.4	349.6	18.7
		88.8	247.8	10.9	268.4	13.1	292.4	15.2	317.8	17.1	327.4	17.6	340.0	18.0	349.6	18.3
		106.5	247.8	10.8	268.4	12.9	292.4	15.0	317.8	17.0	327.4	17.4	340.0	17.9	349.6	18.1
	95	28.4	226.8	12.8	245.6	14.9	267.6	17.3	290.8	19.5	299.6	20.0	311.2	20.4	320.0	20.8
		35.5	226.8	12.5	245.6	14.6	267.6	17.0	290.8	19.2	299.6	19.6	311.2	20.1	320.0	20.5
		71.0	226.8	11.5	245.6	13.7	267.6	15.9	290.8	17.9	299.6	18.4	311.2	18.9	320.0	19.2
		88.8	226.8	11.2	245.6	13.4	267.6	15.6	290.8	17.6	299.6	18.0	311.2	18.5	320.0	18.8
		106.5	226.8	11.0	245.6	13.2	267.6	15.4	290.8	17.4	299.6	17.8	311.2	18.3	320.0	18.5
	104	28.4	205.8	13.8	222.8	16.0	242.8	18.6	263.8	21.0	271.8	21.5	282.4	22.0	290.2	22.4
		35.5	205.8	13.5	222.8	15.7	242.8	18.3	263.8	20.6	271.8	21.1	282.4	21.6	290.2	22.0
		71.0	205.8	12.4	222.8	14.7	242.8	17.1	263.8	19.3	271.8	19.7	282.4	20.3	290.2	20.7
		88.8	205.8	12.1	222.8	14.4	242.8	16.8	263.8	18.9	271.8	19.4	282.4	19.9	290.2	20.2
		106.5	205.8	11.9	222.8	14.2	242.8	16.6	263.8	18.7	271.8	19.2	282.4	19.7	290.2	19.9
	113	28.4	184.8	14.7	200.0	17.1	218.0	20.0	236.8	22.4	244.0	23.0	253.6	23.5	260.4	24.0
		35.5	184.8	14.4	200.0	16.8	218.0	19.6	236.8	22.1	244.0	22.6	253.6	23.2	260.4	23.6
		71.0	184.8	13.3	200.0	15.7	218.0	18.4	236.8	20.6	244.0	21.1	253.6	21.7	260.4	22.2
		88.8	184.8	12.9	200.0	15.4	218.0	18.0	236.8	20.2	244.0	20.8	253.6	21.3	260.4	21.6
		106.5	184.8	12.7	200.0	15.2	218.0	17.8	236.8	20.0	244.0	20.6	253.6	21.1	260.4	21.3

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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COOLING CAPACITY DATA

ARWN289DAS4, ARWB289DAS4

288,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet water Temp. (°F)	Water flow rate [gpm]	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]
110	23	18.8	239.2	4.9	258.8	5.7	282.0	6.7	306.4	7.5	315.4	7.6	327.6	7.9	337.0	8.0
	32	21.0	239.2	4.9	258.8	5.7	282.0	6.7	306.4	7.5	315.4	7.6	327.6	7.9	337.0	8.0
	41	24.2	239.2	4.9	258.8	5.7	282.0	6.7	306.4	7.5	315.4	7.6	327.6	7.9	337.0	8.0
	50	28.4	239.2	4.9	258.8	5.7	282.0	6.7	306.4	7.5	315.4	7.6	327.6	7.9	337.0	8.0
		35.5	239.2	4.8	258.8	5.6	282.0	6.5	306.4	7.3	315.4	7.5	327.6	7.7	337.0	7.9
		71.0	239.2	4.4	258.8	5.2	282.0	6.1	306.4	6.9	315.4	7.1	327.6	7.2	337.0	7.3
		88.8	239.2	4.3	258.8	5.1	282.0	5.9	306.4	6.8	315.4	6.9	327.6	7.1	337.0	7.2
		106.5	239.2	4.2	258.8	5.1	282.0	5.9	306.4	6.7	315.4	6.8	327.6	7.0	337.0	7.1
	59	28.4	237.6	6.6	257.2	7.6	280.2	8.9	304.6	10.0	313.6	10.3	325.8	10.5	335.0	10.7
		35.5	237.6	6.4	257.2	7.5	280.2	8.8	304.6	9.9	313.6	10.1	325.8	10.4	335.0	10.5
		71.0	237.6	5.9	257.2	7.0	280.2	8.2	304.6	9.2	313.6	9.5	325.8	9.7	335.0	9.9
		88.8	237.6	5.8	257.2	6.9	280.2	8.0	304.6	9.0	313.6	9.3	325.8	9.5	335.0	9.6
		106.5	237.6	5.7	257.2	6.8	280.2	7.9	304.6	9.0	313.6	9.1	325.8	9.4	335.0	9.5
	67	28.4	236.2	8.0	255.8	9.4	278.6	10.9	303.0	12.3	312.0	12.6	324.2	12.9	333.2	13.1
		35.5	236.2	7.9	255.8	9.2	278.6	10.7	303.0	12.1	312.0	12.4	324.2	12.7	333.2	12.9
		71.0	236.2	7.3	255.8	8.6	278.6	10.0	303.0	11.3	312.0	11.6	324.2	11.9	333.2	12.1
		88.8	236.2	7.1	255.8	8.4	278.6	9.8	303.0	11.1	312.0	11.4	324.2	11.7	333.2	11.8
		106.5	236.2	7.0	255.8	8.4	278.6	9.7	303.0	11.0	312.0	11.3	324.2	11.6	333.2	11.7
	75	28.4	236.2	9.8	255.8	11.5	278.6	13.3	303.0	15.0	312.0	15.4	324.2	15.8	333.2	16.1
		35.5	236.2	9.7	255.8	11.3	278.6	13.1	303.0	14.8	312.0	15.1	324.2	15.5	333.2	15.8
		71.0	236.2	8.9	255.8	10.6	278.6	12.3	303.0	13.8	312.0	14.2	324.2	14.5	333.2	14.8
		88.8	236.2	8.6	255.8	10.3	278.6	12.0	303.0	13.6	312.0	13.9	324.2	14.3	333.2	14.4
		106.5	236.2	8.5	255.8	10.2	278.6	11.9	303.0	13.4	312.0	13.7	324.2	14.1	333.2	14.3
	86	28.4	236.2	12.0	255.8	14.0	278.6	16.3	303.0	18.3	312.0	18.8	324.2	19.2	333.2	19.6
		35.5	236.2	11.8	255.8	13.7	278.6	16.0	303.0	18.0	312.0	18.5	324.2	18.9	333.2	19.3
		71.0	236.2	10.8	255.8	12.8	278.6	15.0	303.0	16.8	312.0	17.3	324.2	17.7	333.2	18.0
		88.8	236.2	10.6	255.8	12.6	278.6	14.7	303.0	16.5	312.0	16.9	324.2	17.4	333.2	17.6
		106.5	236.2	10.4	255.8	12.5	278.6	14.5	303.0	16.4	312.0	16.8	324.2	17.2	333.2	17.4
	95	28.4	220.2	12.5	238.4	14.5	259.6	16.9	282.2	19.1	290.6	19.5	302.0	20.0	310.4	20.4
		35.5	220.2	12.3	238.4	14.3	259.6	16.6	282.2	18.8	290.6	19.2	302.0	19.7	310.4	20.0
		71.0	220.2	11.3	238.4	13.4	259.6	15.6	282.2	17.5	290.6	18.0	302.0	18.4	310.4	18.8
		88.8	220.2	11.0	238.4	13.1	259.6	15.3	282.2	17.2	290.6	17.6	302.0	18.1	310.4	18.3
		106.5	220.2	10.8	238.4	12.9	259.6	15.1	282.2	17.0	290.6	17.5	302.0	17.9	310.4	18.1
	104	28.4	204.0	13.7	221.0	16.0	240.6	18.6	261.6	20.9	269.4	21.4	279.8	21.9	287.6	22.4
		35.5	204.0	13.5	221.0	15.7	240.6	18.3	261.6	20.6	269.4	21.1	279.8	21.6	287.6	22.0
		71.0	204.0	12.4	221.0	14.7	240.6	17.1	261.6	19.3	269.4	19.7	279.8	20.2	287.6	20.6
		88.8	204.0	12.0	221.0	14.4	240.6	16.8	261.6	18.9	269.4	19.4	279.8	19.9	287.6	20.1
		106.5	204.0	11.9	221.0	14.2	240.6	16.6	261.6	18.7	269.4	19.2	279.8	19.7	287.6	19.8
	113	28.4	187.8	14.9	203.6	17.4	221.6	20.3	241.0	22.8	248.2	23.3	257.6	23.9	264.8	24.4
		35.5	187.8	14.6	203.6	17.1	221.6	20.0	241.0	22.4	248.2	23.0	257.6	23.5	264.8	24.0
		71.0	187.8	13.5	203.6	16.0	221.6	18.6	241.0	21.0	248.2	21.5	257.6	22.1	264.8	22.5
		88.8	187.8	13.1	203.6	15.6	221.6	18.3	241.0	20.6	248.2	21.1	257.6	21.7	264.8	21.9
		106.5	187.8	12.9	203.6	15.5	221.6	18.1	241.0	20.4	248.2	20.9	257.6	21.5	264.8	21.6

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

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COOLING CAPACITY DATA

ARWN289DAS4, ARWB289DAS4

288,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet water Temp. (°F)	Water flow rate [gpm]	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]
100	23	18.8	224.6	4.6	243.2	5.4	265.0	6.2	288.0	7.1	296.6	7.2	308.2	7.4	316.8	7.5
	32	21.0	224.6	4.6	243.2	5.4	265.0	6.2	288.0	7.1	296.6	7.2	308.2	7.4	316.8	7.5
	41	24.2	224.6	4.6	243.2	5.4	265.0	6.2	288.0	7.1	296.6	7.2	308.2	7.4	316.8	7.5
	50	28.4	224.6	4.6	243.2	5.4	265.0	6.2	288.0	7.1	296.6	7.2	308.2	7.4	316.8	7.5
		35.5	224.6	4.5	243.2	5.3	265.0	6.1	288.0	6.9	296.6	7.1	308.2	7.3	316.8	7.4
		71.0	224.6	4.2	243.2	4.9	265.0	5.7	288.0	6.5	296.6	6.6	308.2	6.8	316.8	6.9
		88.8	224.6	4.0	243.2	4.8	265.0	5.6	288.0	6.4	296.6	6.5	308.2	6.7	316.8	6.7
		106.5	224.6	4.0	243.2	4.8	265.0	5.5	288.0	6.3	296.6	6.4	308.2	6.6	316.8	6.6
	59	28.4	224.6	6.3	243.2	7.3	265.0	8.5	288.0	9.5	296.6	9.8	308.2	10.0	316.8	10.2
		35.5	224.6	6.1	243.2	7.2	265.0	8.3	288.0	9.4	296.6	9.6	308.2	9.9	316.8	10.0
		71.0	224.6	5.7	243.2	6.7	265.0	7.8	288.0	8.8	296.6	9.0	308.2	9.2	316.8	9.4
		88.8	224.6	5.5	243.2	6.6	265.0	7.6	288.0	8.6	296.6	8.8	308.2	9.0	316.8	9.1
		106.5	224.6	5.4	243.2	6.5	265.0	7.5	288.0	8.5	296.6	8.7	308.2	9.0	316.8	9.0
	67	28.4	224.6	7.7	243.2	9.0	265.0	10.5	288.0	11.8	296.6	12.1	308.2	12.3	316.8	12.6
		35.5	224.6	7.6	243.2	8.8	265.0	10.3	288.0	11.6	296.6	11.9	308.2	12.2	316.8	12.4
		71.0	224.6	7.0	243.2	8.3	265.0	9.6	288.0	10.8	296.6	11.1	308.2	11.4	316.8	11.6
		88.8	224.6	6.8	243.2	8.1	265.0	9.4	288.0	10.6	296.6	10.9	308.2	11.2	316.8	11.3
		106.5	224.6	6.7	243.2	8.0	265.0	9.3	288.0	10.5	296.6	10.8	308.2	11.1	316.8	11.1
	75	28.4	224.6	9.4	243.2	10.9	265.0	12.7	288.0	14.4	296.6	14.7	308.2	15.1	316.8	15.3
		35.5	224.6	9.2	243.2	10.8	265.0	12.5	288.0	14.1	296.6	14.5	308.2	14.8	316.8	15.1
		71.0	224.6	8.5	243.2	10.1	265.0	11.7	288.0	13.2	296.6	13.5	308.2	13.9	316.8	14.1
		88.8	224.6	8.3	243.2	9.9	265.0	11.5	288.0	12.9	296.6	13.3	308.2	13.6	316.8	13.7
		106.5	224.6	8.1	243.2	9.8	265.0	11.4	288.0	12.8	296.6	13.1	308.2	13.5	316.8	13.6
	86	28.4	224.6	11.6	243.2	13.5	265.0	15.7	288.0	17.7	296.6	18.1	308.2	18.5	316.8	18.9
		35.5	224.6	11.3	243.2	13.3	265.0	15.4	288.0	17.4	296.6	17.8	308.2	18.2	316.8	18.6
		71.0	224.6	10.4	243.2	12.4	265.0	14.4	288.0	16.2	296.6	16.6	308.2	17.1	316.8	17.4
		88.8	224.6	10.2	243.2	12.1	265.0	14.1	288.0	15.9	296.6	16.3	308.2	16.7	316.8	16.9
		106.5	224.6	10.0	243.2	12.0	265.0	14.0	288.0	15.8	296.6	16.2	308.2	16.6	316.8	16.7
	95	28.4	213.4	12.2	231.2	14.2	251.8	16.5	273.6	18.6	281.8	19.1	292.8	19.5	301.0	19.9
		35.5	213.4	12.0	231.2	14.0	251.8	16.3	273.6	18.3	281.8	18.8	292.8	19.2	301.0	19.6
		71.0	213.4	11.0	231.2	13.1	251.8	15.2	273.6	17.1	281.8	17.5	292.8	18.0	301.0	18.3
		88.8	213.4	10.7	231.2	12.8	251.8	14.9	273.6	16.8	281.8	17.2	292.8	17.7	301.0	17.8
		106.5	213.4	10.6	231.2	12.6	251.8	14.7	273.6	16.7	281.8	17.1	292.8	17.5	301.0	17.6
	104	28.4	202.2	13.7	219.0	15.9	238.4	18.6	259.2	20.9	267.0	21.4	277.4	21.9	285.2	22.3
		35.5	202.2	13.5	219.0	15.7	238.4	18.3	259.2	20.6	267.0	21.1	277.4	21.6	285.2	22.0
		71.0	202.2	12.4	219.0	14.7	238.4	17.1	259.2	19.2	267.0	19.7	277.4	20.2	285.2	20.6
		88.8	202.2	12.0	219.0	14.4	238.4	16.7	259.2	18.9	267.0	19.3	277.4	19.8	285.2	20.0
		106.5	202.2	11.9	219.0	14.2	238.4	16.6	259.2	18.7	267.0	19.1	277.4	19.6	285.2	19.7
	113	28.4	191.0	15.2	206.8	17.7	225.0	20.6	244.8	23.2	252.2	23.7	262.0	24.3	269.4	24.7
		35.5	191.0	14.9	206.8	17.4	225.0	20.3	244.8	22.8	252.2	23.3	262.0	23.9	269.4	24.3
		71.0	191.0	13.7	206.8	16.3	225.0	18.9	244.8	21.3	252.2	21.8	262.0	22.4	269.4	22.8
		88.8	191.0	13.3	206.8	15.9	225.0	18.6	244.8	20.9	252.2	21.4	262.0	22.0	269.4	22.2
		106.5	191.0	13.2	206.8	15.7	225.0	18.4	244.8	20.7	252.2	21.2	262.0	21.7	269.4	21.9

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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COOLING CAPACITY DATA

ARWN289DAS4, ARWB289DAS4

288,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet water Temp. (°F)	Water flow rate [gpm]	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]
90	23	18.8	202.2	3.9	219.0	4.6	238.4	5.4	259.2	6.1	267.0	6.2	277.4	6.3	285.2	6.5
	32	21.0	202.2	3.9	219.0	4.6	238.4	5.4	259.2	6.1	267.0	6.2	277.4	6.3	285.2	6.5
	41	24.2	202.2	3.9	219.0	4.6	238.4	5.4	259.2	6.1	267.0	6.2	277.4	6.3	285.2	6.5
	50	28.4	202.2	3.9	219.0	4.6	238.4	5.4	259.2	6.1	267.0	6.2	277.4	6.3	285.2	6.5
		35.5	202.2	3.9	219.0	4.5	238.4	5.3	259.2	6.0	267.0	6.1	277.4	6.2	285.2	6.4
		71.0	202.2	3.6	219.0	4.3	238.4	4.9	259.2	5.6	267.0	5.7	277.4	5.9	285.2	6.0
		88.8	202.2	3.5	219.0	4.1	238.4	4.9	259.2	5.4	267.0	5.6	277.4	5.8	285.2	5.8
		106.5	202.2	3.4	219.0	4.1	238.4	4.8	259.2	5.3	267.0	5.6	277.4	5.7	285.2	5.7
	59	28.4	202.2	5.4	219.0	6.2	238.4	7.3	259.2	8.2	267.0	8.4	277.4	8.6	285.2	8.8
		35.5	202.2	5.3	219.0	6.1	238.4	7.2	259.2	8.1	267.0	8.3	277.4	8.5	285.2	8.6
		71.0	202.2	4.9	219.0	5.8	238.4	6.7	259.2	7.6	267.0	7.7	277.4	7.9	285.2	8.1
		88.8	202.2	4.7	219.0	5.6	238.4	6.6	259.2	7.4	267.0	7.6	277.4	7.8	285.2	7.9
		106.5	202.2	4.7	219.0	5.6	238.4	6.5	259.2	7.3	267.0	7.5	277.4	7.7	285.2	7.7
	67	28.4	202.2	6.7	219.0	7.7	238.4	9.0	259.2	10.1	267.0	10.4	277.4	10.6	285.2	10.8
		35.5	202.2	6.5	219.0	7.6	238.4	8.8	259.2	10.0	267.0	10.2	277.4	10.5	285.2	10.6
		71.0	202.2	6.0	219.0	7.1	238.4	8.3	259.2	9.3	267.0	9.5	277.4	9.8	285.2	10.0
		88.8	202.2	5.8	219.0	7.0	238.4	8.1	259.2	9.1	267.0	9.4	277.4	9.6	285.2	9.7
		106.5	202.2	5.7	219.0	6.9	238.4	8.0	259.2	9.0	267.0	9.3	277.4	9.5	285.2	9.6
	75	28.4	202.2	8.1	219.0	9.4	238.4	11.0	259.2	12.3	267.0	12.6	277.4	13.0	285.2	13.2
		35.5	202.2	7.9	219.0	9.3	238.4	10.8	259.2	12.2	267.0	12.4	277.4	12.8	285.2	13.0
		71.0	202.2	7.3	219.0	8.7	238.4	10.1	259.2	11.4	267.0	11.6	277.4	11.9	285.2	12.2
		88.8	202.2	7.1	219.0	8.5	238.4	9.9	259.2	11.1	267.0	11.4	277.4	11.7	285.2	11.8
		106.5	202.2	7.0	219.0	8.4	238.4	9.8	259.2	11.0	267.0	11.3	277.4	11.6	285.2	11.7
	86	28.4	202.2	10.0	219.0	11.6	238.4	13.5	259.2	15.2	267.0	15.6	277.4	15.9	285.2	16.2
		35.5	202.2	9.8	219.0	11.4	238.4	13.3	259.2	15.0	267.0	15.3	277.4	15.7	285.2	16.0
		71.0	202.2	9.0	219.0	10.6	238.4	12.4	259.2	14.0	267.0	14.3	277.4	14.7	285.2	14.9
		88.8	202.2	8.7	219.0	10.4	238.4	12.2	259.2	13.7	267.0	14.0	277.4	14.4	285.2	14.6
		106.5	202.2	8.6	219.0	10.3	238.4	12.0	259.2	13.6	267.0	13.9	277.4	14.3	285.2	14.4
	95	28.4	196.6	10.8	212.8	12.5	231.8	14.6	252.0	16.4	259.6	16.8	269.6	17.2	277.2	17.5
		35.5	196.6	10.6	212.8	12.3	231.8	14.3	252.0	16.1	259.6	16.5	269.6	16.9	277.2	17.2
		71.0	196.6	9.7	212.8	11.5	231.8	13.4	252.0	15.1	259.6	15.4	269.6	15.8	277.2	16.1
		88.8	196.6	9.4	212.8	11.3	231.8	13.1	252.0	14.8	259.6	15.2	269.6	15.5	277.2	15.7
		106.5	196.6	9.3	212.8	11.1	231.8	13.0	252.0	14.6	259.6	15.0	269.6	15.4	277.2	15.5
	104	28.4	191.0	12.4	206.8	14.4	225.2	16.7	244.8	18.8	252.2	19.3	262.0	19.7	269.2	20.1
		35.5	191.0	12.1	206.8	14.1	225.2	16.4	244.8	18.5	252.2	19.0	262.0	19.4	269.2	19.8
		71.0	191.0	11.1	206.8	13.2	225.2	15.4	244.8	17.3	252.2	17.7	262.0	18.2	269.2	18.5
		88.8	191.0	10.8	206.8	12.9	225.2	15.1	244.8	17.0	252.2	17.4	262.0	17.9	269.2	18.0
		106.5	191.0	10.7	206.8	12.8	225.2	14.9	244.8	16.8	252.2	17.2	262.0	17.7	269.2	17.8
	113	28.4	185.4	14.0	200.8	16.2	218.6	18.9	237.6	21.3	244.8	21.8	254.4	22.3	261.2	22.7
		35.5	185.4	13.7	200.8	16.0	218.6	18.6	237.6	20.9	244.8	21.4	254.4	22.0	261.2	22.3
		71.0	185.4	12.6	200.8	14.9	218.6	17.4	237.6	19.5	244.8	20.1	254.4	20.5	261.2	20.9
		88.8	185.4	12.2	200.8	14.6	218.6	17.1	237.6	19.2	244.8	19.6	254.4	20.2	261.2	20.4
		106.5	185.4	12.0	200.8	14.5	218.6	16.9	237.6	19.0	244.8	19.4	254.4	20.0	261.2	20.1

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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COOLING CAPACITY DATA

ARWN289DAS4, ARWB289DAS4

288,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet water Temp. (°F)	Water flow rate [gpm]	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]
80	23	18.8	179.8	3.4	194.6	3.8	212.0	4.5	230.4	5.1	237.4	5.2	246.6	5.3	253.4	5.4
	32	21.0	179.8	3.4	194.6	3.8	212.0	4.5	230.4	5.1	237.4	5.2	246.6	5.3	253.4	5.4
	41	24.2	179.8	3.4	194.6	3.8	212.0	4.5	230.4	5.1	237.4	5.2	246.6	5.3	253.4	5.4
	50	28.4	179.8	3.4	194.6	3.8	212.0	4.5	230.4	5.1	237.4	5.2	246.6	5.3	253.4	5.4
		35.5	179.8	3.3	194.6	3.8	212.0	4.4	230.4	5.0	237.4	5.1	246.6	5.2	253.4	5.3
		71.0	179.8	3.0	194.6	3.6	212.0	4.2	230.4	4.7	237.4	4.8	246.6	4.9	253.4	5.0
		88.8	179.8	3.0	194.6	3.5	212.0	4.1	230.4	4.6	237.4	4.7	246.6	4.8	253.4	4.9
		106.5	179.8	3.0	194.6	3.4	212.0	4.0	230.4	4.5	237.4	4.6	246.6	4.8	253.4	4.8
	59	28.4	179.8	4.5	194.6	5.2	212.0	6.1	230.4	6.9	237.4	7.0	246.6	7.2	253.4	7.3
		35.5	179.8	4.4	194.6	5.2	212.0	6.0	230.4	6.8	237.4	6.9	246.6	7.1	253.4	7.2
		71.0	179.8	4.1	194.6	4.8	212.0	5.6	230.4	6.3	237.4	6.5	246.6	6.6	253.4	6.8
		88.8	179.8	4.0	194.6	4.7	212.0	5.5	230.4	6.2	237.4	6.4	246.6	6.5	253.4	6.6
		106.5	179.8	3.9	194.6	4.7	212.0	5.5	230.4	6.1	237.4	6.3	246.6	6.5	253.4	6.5
	67	28.4	179.8	5.6	194.6	6.5	212.0	7.5	230.4	8.5	237.4	8.7	246.6	8.9	253.4	9.1
		35.5	179.8	5.5	194.6	6.4	212.0	7.4	230.4	8.4	237.4	8.6	246.6	8.8	253.4	8.9
		71.0	179.8	5.0	194.6	5.9	212.0	6.9	230.4	7.8	237.4	8.0	246.6	8.2	253.4	8.4
		88.8	179.8	4.9	194.6	5.8	212.0	6.8	230.4	7.7	237.4	7.9	246.6	8.1	253.4	8.1
		106.5	179.8	4.8	194.6	5.8	212.0	6.7	230.4	7.6	237.4	7.8	246.6	8.0	253.4	8.0
	75	28.4	179.8	6.8	194.6	7.9	212.0	9.2	230.4	10.3	237.4	10.6	246.6	10.9	253.4	11.1
		35.5	179.8	6.7	194.6	7.8	212.0	9.0	230.4	10.2	237.4	10.4	246.6	10.7	253.4	10.9
		71.0	179.8	6.1	194.6	7.3	212.0	8.5	230.4	9.5	237.4	9.7	246.6	10.0	253.4	10.2
		88.8	179.8	5.9	194.6	7.1	212.0	8.3	230.4	9.3	237.4	9.6	246.6	9.8	253.4	9.9
		106.5	179.8	5.9	194.6	7.0	212.0	8.2	230.4	9.2	237.4	9.5	246.6	9.7	253.4	9.8
	86	28.4	179.8	8.3	194.6	9.7	212.0	11.3	230.4	12.7	237.4	13.0	246.6	13.3	253.4	13.6
		35.5	179.8	8.2	194.6	9.5	212.0	11.1	230.4	12.5	237.4	12.8	246.6	13.1	253.4	13.4
		71.0	179.8	7.5	194.6	8.9	212.0	10.4	230.4	11.7	237.4	12.0	246.6	12.3	253.4	12.5
		88.8	179.8	7.3	194.6	8.7	212.0	10.2	230.4	11.5	237.4	11.8	246.6	12.1	253.4	12.2
		106.5	179.8	7.2	194.6	8.6	212.0	10.1	230.4	11.4	237.4	11.7	246.6	11.9	253.4	12.0
	95	28.4	179.8	9.3	194.6	10.8	212.0	12.6	230.4	14.1	237.4	14.5	246.6	14.9	253.4	15.1
		35.5	179.8	9.1	194.6	10.6	212.0	12.4	230.4	13.9	237.4	14.3	246.6	14.6	253.4	14.9
		71.0	179.8	8.4	194.6	9.9	212.0	11.6	230.4	13.0	237.4	13.3	246.6	13.7	253.4	13.9
		88.8	179.8	8.1	194.6	9.7	212.0	11.3	230.4	12.8	237.4	13.1	246.6	13.4	253.4	13.5
		106.5	179.8	8.0	194.6	9.6	212.0	11.2	230.4	12.6	237.4	12.9	246.6	13.3	253.4	13.4
	104	28.4	179.8	11.0	194.6	12.8	212.0	14.9	230.4	16.8	237.4	17.2	246.6	17.6	253.4	17.9
		35.5	179.8	10.8	194.6	12.6	212.0	14.6	230.4	16.5	237.4	16.9	246.6	17.3	253.4	17.6
		71.0	179.8	9.9	194.6	11.7	212.0	13.7	230.4	15.4	237.4	15.8	246.6	16.2	253.4	16.5
		88.8	179.8	9.6	194.6	11.5	212.0	13.4	230.4	15.1	237.4	15.5	246.6	15.9	253.4	16.0
		106.5	179.8	9.5	194.6	11.4	212.0	13.3	230.4	14.9	237.4	15.3	246.6	15.7	253.4	15.8
	113	28.4	179.8	12.7	194.6	14.8	212.0	17.2	230.4	19.4	237.4	19.8	246.6	20.3	253.4	20.7
		35.5	179.8	12.5	194.6	14.6	212.0	16.9	230.4	19.1	237.4	19.5	246.6	20.0	253.4	20.3
		71.0	179.8	11.5	194.6	13.6	212.0	15.8	230.4	17.8	237.4	18.2	246.6	18.7	253.4	19.0
		88.8	179.8	11.1	194.6	13.3	212.0	15.5	230.4	17.5	237.4	17.9	246.6	18.4	253.4	18.5
		106.5	179.8	10.9	194.6	13.2	212.0	15.3	230.4	17.3	237.4	17.7	246.6	18.2	253.4	18.3

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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COOLING CAPACITY DATA

ARWN289DAS4, ARWB289DAS4

288,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet water Temp. (°F)	Water flow rate [gpm]	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]
70	23	18.8	157.2	2.8	170.2	3.2	185.4	3.7	201.6	4.2	207.6	4.3	215.8	4.5	221.8	4.5
	32	21.0	157.2	2.8	170.2	3.2	185.4	3.7	201.6	4.2	207.6	4.3	215.8	4.5	221.8	4.5
	41	24.2	157.2	2.8	170.2	3.2	185.4	3.7	201.6	4.2	207.6	4.3	215.8	4.5	221.8	4.5
	50	28.4	157.2	2.8	170.2	3.2	185.4	3.7	201.6	4.2	207.6	4.3	215.8	4.5	221.8	4.5
		35.5	157.2	2.7	170.2	3.2	185.4	3.7	201.6	4.1	207.6	4.3	215.8	4.4	221.8	4.4
		71.0	157.2	2.5	170.2	2.9	185.4	3.4	201.6	3.9	207.6	4.0	215.8	4.1	221.8	4.2
		88.8	157.2	2.5	170.2	2.9	185.4	3.4	201.6	3.8	207.6	3.9	215.8	4.0	221.8	4.0
		106.5	157.2	2.4	170.2	2.8	185.4	3.3	201.6	3.7	207.6	3.8	215.8	3.9	221.8	4.0
	59	28.4	157.2	3.8	170.2	4.4	185.4	5.1	201.6	5.7	207.6	5.9	215.8	6.0	221.8	6.1
		35.5	157.2	3.7	170.2	4.3	185.4	5.0	201.6	5.6	207.6	5.8	215.8	5.9	221.8	6.0
		71.0	157.2	3.4	170.2	4.0	185.4	4.7	201.6	5.3	207.6	5.4	215.8	5.5	221.8	5.6
		88.8	157.2	3.3	170.2	3.9	185.4	4.6	201.6	5.2	207.6	5.3	215.8	5.4	221.8	5.5
		106.5	157.2	3.3	170.2	3.9	185.4	4.5	201.6	5.1	207.6	5.2	215.8	5.4	221.8	5.4
	67	28.4	157.2	4.6	170.2	5.4	185.4	6.3	201.6	7.1	207.6	7.2	215.8	7.4	221.8	7.5
		35.5	157.2	4.6	170.2	5.3	185.4	6.2	201.6	7.0	207.6	7.1	215.8	7.3	221.8	7.4
		71.0	157.2	4.2	170.2	5.0	185.4	5.8	201.6	6.5	207.6	6.6	215.8	6.8	221.8	6.9
		88.8	157.2	4.1	170.2	4.8	185.4	5.7	201.6	6.4	207.6	6.5	215.8	6.7	221.8	6.8
		106.5	157.2	4.0	170.2	4.8	185.4	5.6	201.6	6.3	207.6	6.5	215.8	6.6	221.8	6.7
	75	28.4	157.2	5.6	170.2	6.6	185.4	7.6	201.6	8.6	207.6	8.8	215.8	9.0	221.8	9.2
		35.5	157.2	5.5	170.2	6.5	185.4	7.5	201.6	8.5	207.6	8.7	215.8	8.9	221.8	9.0
		71.0	157.2	5.1	170.2	6.0	185.4	7.0	201.6	7.9	207.6	8.1	215.8	8.3	221.8	8.5
		88.8	157.2	5.0	170.2	5.9	185.4	6.9	201.6	7.8	207.6	7.9	215.8	8.1	221.8	8.2
		106.5	157.2	4.9	170.2	5.9	185.4	6.8	201.6	7.7	207.6	7.9	215.8	8.1	221.8	8.1
	86	28.4	157.2	7.0	170.2	8.1	185.4	9.4	201.6	10.6	207.6	10.8	215.8	11.1	221.8	11.3
		35.5	157.2	6.8	170.2	7.9	185.4	9.3	201.6	10.4	207.6	10.7	215.8	10.9	221.8	11.1
		71.0	157.2	6.3	170.2	7.4	185.4	8.6	201.6	9.7	207.6	10.0	215.8	10.2	221.8	10.4
		88.8	157.2	6.1	170.2	7.3	185.4	8.5	201.6	9.5	207.6	9.8	215.8	10.0	221.8	10.2
		106.5	157.2	6.0	170.2	7.2	185.4	8.4	201.6	9.4	207.6	9.7	215.8	9.9	221.8	10.0
	95	28.4	157.2	7.7	170.2	9.0	185.4	10.5	201.6	11.8	207.6	12.1	215.8	12.3	221.8	12.6
		35.5	157.2	7.6	170.2	8.8	185.4	10.3	201.6	11.6	207.6	11.9	215.8	12.2	221.8	12.4
		71.0	157.2	7.0	170.2	8.3	185.4	9.6	201.6	10.8	207.6	11.1	215.8	11.4	221.8	11.6
		88.8	157.2	6.8	170.2	8.1	185.4	9.4	201.6	10.6	207.6	10.9	215.8	11.2	221.8	11.3
		106.5	157.2	6.7	170.2	8.0	185.4	9.3	201.6	10.5	207.6	10.8	215.8	11.1	221.8	11.1
	104	28.4	157.2	9.1	170.2	10.6	185.4	12.4	201.6	13.9	207.6	14.3	215.8	14.6	221.8	14.9
		35.5	157.2	9.0	170.2	10.4	185.4	12.2	201.6	13.7	207.6	14.0	215.8	14.4	221.8	14.6
		71.0	157.2	8.2	170.2	9.8	185.4	11.4	201.6	12.8	207.6	13.1	215.8	13.5	221.8	13.7
		88.8	157.2	8.0	170.2	9.6	185.4	11.1	201.6	12.6	207.6	12.9	215.8	13.2	221.8	13.3
		106.5	157.2	7.9	170.2	9.5	185.4	11.0	201.6	12.4	207.6	12.7	215.8	13.1	221.8	13.2
	113	28.4	157.2	10.6	170.2	12.3	185.4	14.3	201.6	16.1	207.6	16.5	215.8	16.9	221.8	17.2
		35.5	157.2	10.4	170.2	12.1	185.4	14.1	201.6	15.9	207.6	16.2	215.8	16.6	221.8	16.9
		71.0	157.2	9.5	170.2	11.3	185.4	13.2	201.6	14.8	207.6	15.2	215.8	15.5	221.8	15.9
		88.8	157.2	9.3	170.2	11.1	185.4	12.8	201.6	14.5	207.6	14.9	215.8	15.3	221.8	15.4
		106.5	157.2	9.1	170.2	11.0	185.4	12.7	201.6	14.3	207.6	14.7	215.8	15.2	221.8	15.2

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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COOLING CAPACITY DATA

ARWN289DAS4, ARWB289DAS4

288,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet water Temp. (°F)	Water flow rate [gpm]	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]
60	23	18.8	134.8	2.2	146.0	2.6	159.0	2.9	172.8	3.4	178.0	3.5	184.8	3.5	190.0	3.6
	32	21.0	134.8	2.2	146.0	2.6	159.0	2.9	172.8	3.4	178.0	3.5	184.8	3.5	190.0	3.6
	41	24.2	134.8	2.2	146.0	2.6	159.0	2.9	172.8	3.4	178.0	3.5	184.8	3.5	190.0	3.6
	50	28.4	134.8	2.2	146.0	2.6	159.0	2.9	172.8	3.4	178.0	3.5	184.8	3.5	190.0	3.6
		35.5	134.8	2.1	146.0	2.5	159.0	2.9	172.8	3.3	178.0	3.4	184.8	3.5	190.0	3.5
		71.0	134.8	2.0	146.0	2.3	159.0	2.8	172.8	3.1	178.0	3.2	184.8	3.3	190.0	3.3
		88.8	134.8	1.9	146.0	2.3	159.0	2.7	172.8	3.0	178.0	3.1	184.8	3.2	190.0	3.2
		106.5	134.8	1.8	146.0	2.3	159.0	2.7	172.8	3.0	178.0	3.1	184.8	3.1	190.0	3.2
	59	28.4	134.8	3.0	146.0	3.5	159.0	4.0	172.8	4.6	178.0	4.7	184.8	4.8	190.0	4.9
		35.5	134.8	2.9	146.0	3.4	159.0	4.0	172.8	4.5	178.0	4.6	184.8	4.7	190.0	4.8
		71.0	134.8	2.7	146.0	3.2	159.0	3.7	172.8	4.2	178.0	4.3	184.8	4.4	190.0	4.5
		88.8	134.8	2.6	146.0	3.1	159.0	3.7	172.8	4.1	178.0	4.2	184.8	4.3	190.0	4.4
		106.5	134.8	2.6	146.0	3.1	159.0	3.6	172.8	4.1	178.0	4.2	184.8	4.3	190.0	4.3
	67	28.4	134.8	3.7	146.0	4.3	159.0	5.0	172.8	5.6	178.0	5.8	184.8	5.9	190.0	6.0
		35.5	134.8	3.6	146.0	4.2	159.0	4.9	172.8	5.5	178.0	5.7	184.8	5.8	190.0	5.9
		71.0	134.8	3.3	146.0	3.9	159.0	4.6	172.8	5.2	178.0	5.3	184.8	5.4	190.0	5.5
		88.8	134.8	3.2	146.0	3.9	159.0	4.5	172.8	5.1	178.0	5.2	184.8	5.3	190.0	5.4
		106.5	134.8	3.2	146.0	3.8	159.0	4.4	172.8	5.0	178.0	5.1	184.8	5.3	190.0	5.3
	75	28.4	134.8	4.5	146.0	5.2	159.0	6.1	172.8	6.9	178.0	7.0	184.8	7.2	190.0	7.3
		35.5	134.8	4.4	146.0	5.2	159.0	6.0	172.8	6.8	178.0	6.9	184.8	7.1	190.0	7.2
		71.0	134.8	4.1	146.0	4.8	159.0	5.6	172.8	6.3	178.0	6.5	184.8	6.6	190.0	6.8
		88.8	134.8	3.9	146.0	4.7	159.0	5.5	172.8	6.2	178.0	6.4	184.8	6.5	190.0	6.6
		106.5	134.8	3.9	146.0	4.6	159.0	5.4	172.8	6.1	178.0	6.3	184.8	6.4	190.0	6.5
	86	28.4	134.8	5.5	146.0	6.4	159.0	7.5	172.8	8.4	178.0	8.6	184.8	8.8	190.0	9.0
		35.5	134.8	5.4	146.0	6.3	159.0	7.4	172.8	8.3	178.0	8.5	184.8	8.7	190.0	8.9
		71.0	134.8	5.0	146.0	5.9	159.0	6.9	172.8	7.8	178.0	7.9	184.8	8.1	190.0	8.3
		88.8	134.8	4.8	146.0	5.8	159.0	6.8	172.8	7.6	178.0	7.8	184.8	8.0	190.0	8.1
		106.5	134.8	4.8	146.0	5.7	159.0	6.7	172.8	7.6	178.0	7.7	184.8	7.9	190.0	8.0
	95	28.4	134.8	6.2	146.0	7.2	159.0	8.3	172.8	9.4	178.0	9.6	184.8	9.8	190.0	10.0
		35.5	134.8	6.0	146.0	7.0	159.0	8.2	172.8	9.2	178.0	9.5	184.8	9.7	190.0	9.9
		71.0	134.8	5.5	146.0	6.6	159.0	7.7	172.8	8.6	178.0	8.8	184.8	9.0	190.0	9.2
		88.8	134.8	5.4	146.0	6.4	159.0	7.5	172.8	8.5	178.0	8.7	184.8	8.9	190.0	9.0
		106.5	134.8	5.3	146.0	6.4	159.0	7.4	172.8	8.4	178.0	8.6	184.8	8.8	190.0	8.9
	104	28.4	134.8	7.3	146.0	8.5	159.0	9.9	172.8	11.1	178.0	11.4	184.8	11.6	190.0	11.9
		35.5	134.8	7.1	146.0	8.3	159.0	9.7	172.8	10.9	178.0	11.2	184.8	11.5	190.0	11.7
		71.0	134.8	6.6	146.0	7.8	159.0	9.1	172.8	10.2	178.0	10.5	184.8	10.7	190.0	10.9
		88.8	134.8	6.4	146.0	7.6	159.0	8.9	172.8	10.0	178.0	10.3	184.8	10.5	190.0	10.6
		106.5	134.8	6.3	146.0	7.5	159.0	8.8	172.8	9.9	178.0	10.2	184.8	10.4	190.0	10.5
	113	28.4	134.8	8.4	146.0	9.7	159.0	11.4	172.8	12.9	178.0	13.1	184.8	13.4	190.0	13.7
		35.5	134.8	8.2	146.0	9.6	159.0	11.2	172.8	12.6	178.0	12.9	184.8	13.2	190.0	13.5
		71.0	134.8	7.6	146.0	9.0	159.0	10.5	172.8	11.8	178.0	12.1	184.8	12.4	190.0	12.6
		88.8	134.8	7.4	146.0	8.8	159.0	10.3	172.8	11.5	178.0	11.9	184.8	12.2	190.0	12.3
		106.5	134.8	7.2	146.0	8.7	159.0	10.2	172.8	11.4	178.0	11.7	184.8	12.0	190.0	12.1

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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COOLING CAPACITY DATA

ARWN289DAS4, ARWB289 DAS4

288,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet water Temp. (°F)	Water flow rate [gpm]	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]
50	23	18.8	112.4	1.6	121.6	1.9	132.4	2.3	144.0	2.5	148.4	2.5	154.0	2.6	158.4	2.7
	32	21.0	112.4	1.6	121.6	1.9	132.4	2.3	144.0	2.5	148.4	2.5	154.0	2.6	158.4	2.7
	41	24.2	112.4	1.6	121.6	1.9	132.4	2.3	144.0	2.5	148.4	2.5	154.0	2.6	158.4	2.7
	50	28.4	112.4	1.6	121.6	1.9	132.4	2.3	144.0	2.5	148.4	2.5	154.0	2.6	158.4	2.7
		35.5	112.4	1.6	121.6	1.9	132.4	2.2	144.0	2.5	148.4	2.5	154.0	2.6	158.4	2.6
		71.0	112.4	1.4	121.6	1.8	132.4	2.1	144.0	2.3	148.4	2.4	154.0	2.4	158.4	2.5
		88.8	112.4	1.4	121.6	1.8	132.4	2.0	144.0	2.3	148.4	2.3	154.0	2.4	158.4	2.4
		106.5	112.4	1.4	121.6	1.8	132.4	2.0	144.0	2.2	148.4	2.2	154.0	2.4	158.4	2.3
	59	28.4	112.4	2.2	121.6	2.6	132.4	3.0	144.0	3.4	148.4	3.5	154.0	3.6	158.4	3.6
		35.5	112.4	2.2	121.6	2.6	132.4	3.0	144.0	3.3	148.4	3.4	154.0	3.5	158.4	3.6
		71.0	112.4	2.0	121.6	2.4	132.4	2.8	144.0	3.1	148.4	3.2	154.0	3.3	158.4	3.3
		88.8	112.4	1.9	121.6	2.3	132.4	2.7	144.0	3.1	148.4	3.1	154.0	3.2	158.4	3.2
		106.5	112.4	1.9	121.6	2.3	132.4	2.7	144.0	3.0	148.4	3.1	154.0	3.2	158.4	3.2
	67	28.4	112.4	2.7	121.6	3.2	132.4	3.7	144.0	4.2	148.4	4.3	154.0	4.4	158.4	4.5
		35.5	112.4	2.7	121.6	3.2	132.4	3.7	144.0	4.1	148.4	4.2	154.0	4.3	158.4	4.4
		71.0	112.4	2.5	121.6	2.9	132.4	3.4	144.0	3.9	148.4	3.9	154.0	4.1	158.4	4.1
		88.8	112.4	2.4	121.6	2.9	132.4	3.4	144.0	3.8	148.4	3.9	154.0	4.0	158.4	4.0
		106.5	112.4	2.4	121.6	2.8	132.4	3.3	144.0	3.8	148.4	3.9	154.0	3.9	158.4	4.0
	75	28.4	112.4	3.3	121.6	3.9	132.4	4.5	144.0	5.1	148.4	5.2	154.0	5.4	158.4	5.4
		35.5	112.4	3.3	121.6	3.8	132.4	4.5	144.0	5.0	148.4	5.2	154.0	5.3	158.4	5.4
		71.0	112.4	3.0	121.6	3.6	132.4	4.2	144.0	4.7	148.4	4.8	154.0	4.9	158.4	5.0
		88.8	112.4	2.9	121.6	3.5	132.4	4.1	144.0	4.6	148.4	4.7	154.0	4.8	158.4	4.9
		106.5	112.4	2.9	121.6	3.5	132.4	4.0	144.0	4.6	148.4	4.7	154.0	4.8	158.4	4.8
	86	28.4	112.4	4.1	121.6	4.8	132.4	5.6	144.0	6.3	148.4	6.5	154.0	6.6	158.4	6.7
		35.5	112.4	4.1	121.6	4.7	132.4	5.5	144.0	6.2	148.4	6.4	154.0	6.5	158.4	6.6
		71.0	112.4	3.7	121.6	4.4	132.4	5.1	144.0	5.8	148.4	5.9	154.0	6.1	158.4	6.2
		88.8	112.4	3.6	121.6	4.3	132.4	5.0	144.0	5.7	148.4	5.8	154.0	6.0	158.4	6.0
		106.5	112.4	3.6	121.6	4.3	132.4	5.0	144.0	5.6	148.4	5.8	154.0	5.9	158.4	6.0
	95	28.4	112.4	4.6	121.6	5.3	132.4	6.2	144.0	7.0	148.4	7.2	154.0	7.3	158.4	7.5
		35.5	112.4	4.5	121.6	5.2	132.4	6.1	144.0	6.9	148.4	7.0	154.0	7.2	158.4	7.3
		71.0	112.4	4.1	121.6	4.9	132.4	5.7	144.0	6.4	148.4	6.6	154.0	6.8	158.4	6.9
		88.8	112.4	4.0	121.6	4.8	132.4	5.6	144.0	6.3	148.4	6.5	154.0	6.6	158.4	6.7
		106.5	112.4	4.0	121.6	4.8	132.4	5.5	144.0	6.3	148.4	6.4	154.0	6.6	158.4	6.6
	104	28.4	112.4	5.4	121.6	6.3	132.4	7.4	144.0	8.3	148.4	8.5	154.0	8.7	158.4	8.8
		35.5	112.4	5.3	121.6	6.2	132.4	7.3	144.0	8.1	148.4	8.4	154.0	8.6	158.4	8.7
		71.0	112.4	4.9	121.6	5.8	132.4	6.8	144.0	7.6	148.4	7.8	154.0	8.0	158.4	8.1
		88.8	112.4	4.8	121.6	5.7	132.4	6.6	144.0	7.5	148.4	7.7	154.0	7.9	158.4	7.9
		106.5	112.4	4.7	121.6	5.6	132.4	6.6	144.0	7.4	148.4	7.6	154.0	7.8	158.4	7.8
	113	28.4	112.4	6.3	121.6	7.3	132.4	8.5	144.0	9.6	148.4	9.8	154.0	10.1	158.4	10.2
		35.5	112.4	6.2	121.6	7.2	132.4	8.4	144.0	9.4	148.4	9.7	154.0	9.9	158.4	10.1
		71.0	112.4	5.7	121.6	6.7	132.4	7.8	144.0	8.8	148.4	9.0	154.0	9.3	158.4	9.4
		88.8	112.4	5.5	121.6	6.6	132.4	7.7	144.0	8.6	148.4	8.8	154.0	9.1	158.4	9.1
		106.5	112.4	5.4	121.6	6.5	132.4	7.6	144.0	8.6	148.4	8.8	154.0	9.0	158.4	9.0

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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COOLING CAPACITY DATA

ARWN337DAS4, ARWB337DAS4

336,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet water Temp. (°F)	Water flow rate [gpm]	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]
130	23	22.8	312.3	6.5	338.2	7.6	368.1	8.9	400.2	10.0	412.3	10.2	428.2	10.5	440.4	10.7
	32	25.5	312.3	6.5	338.2	7.6	368.1	8.9	400.2	10.0	412.3	10.2	428.2	10.5	440.4	10.7
	41	29.4	312.3	6.5	338.2	7.6	368.1	8.9	400.2	10.0	412.3	10.2	428.2	10.5	440.4	10.7
	50	34.5	312.3	6.5	338.2	7.6	368.1	8.9	400.2	10.0	412.3	10.2	428.2	10.5	440.4	10.7
		43.1	312.3	6.4	338.2	7.5	368.1	8.7	400.2	9.8	412.3	10.0	428.2	10.3	440.4	10.5
		86.2	312.3	5.9	338.2	7.0	368.1	8.1	400.2	9.2	412.3	9.4	428.2	9.6	440.4	9.8
		107.8	312.3	5.7	338.2	6.8	368.1	8.0	400.2	9.0	412.3	9.2	428.2	9.5	440.4	9.6
		129.3	312.3	5.6	338.2	6.8	368.1	7.9	400.2	8.9	412.3	9.1	428.2	9.4	440.4	9.5
	59	34.5	307.3	8.6	332.7	10.0	362.4	11.6	393.9	13.1	405.8	13.4	421.4	13.7	433.3	14.0
		43.1	307.3	8.4	332.7	9.8	362.4	11.5	393.9	12.9	405.8	13.2	421.4	13.5	433.3	13.8
		86.2	307.3	7.8	332.7	9.2	362.4	10.7	393.9	12.0	405.8	12.4	421.4	12.7	433.3	12.9
		107.8	307.3	7.5	332.7	9.0	362.4	10.5	393.9	11.8	405.8	12.1	421.4	12.4	433.3	12.6
		129.3	307.3	7.4	332.7	8.9	362.4	10.4	393.9	11.7	405.8	12.0	421.4	12.3	433.3	12.5
	67	34.5	302.9	10.4	327.8	12.1	357.2	14.1	388.3	15.9	399.9	16.2	415.3	16.6	427.0	16.9
		43.1	302.9	10.2	327.8	11.9	357.2	13.9	388.3	15.6	399.9	16.0	415.3	16.4	427.0	16.7
		86.2	302.9	9.4	327.8	11.1	357.2	13.0	388.3	14.6	399.9	15.0	415.3	15.4	427.0	15.7
		107.8	302.9	9.1	327.8	10.9	357.2	12.7	388.3	14.3	399.9	14.7	415.3	15.1	427.0	15.3
		129.3	302.9	9.0	327.8	10.8	357.2	12.6	388.3	14.2	399.9	14.5	415.3	14.9	427.0	15.2
	75	34.5	302.9	12.9	327.8	14.9	357.2	17.4	388.3	19.6	399.9	20.0	415.3	20.5	427.0	20.9
		43.1	302.9	12.6	327.8	14.7	357.2	17.1	388.3	19.3	399.9	19.7	415.3	20.2	427.0	20.6
		86.2	302.9	11.6	327.8	13.7	357.2	16.0	388.3	18.0	399.9	18.5	415.3	19.0	427.0	19.3
		107.8	302.9	11.3	327.8	13.4	357.2	15.7	388.3	17.7	399.9	18.1	415.3	18.6	427.0	18.9
		129.3	302.9	11.1	327.8	13.3	357.2	15.5	388.3	17.5	399.9	17.9	415.3	18.4	427.0	18.7
	86	34.5	302.9	15.4	327.8	17.9	357.2	20.9	388.3	23.5	399.9	24.1	415.3	24.6	427.0	25.1
		43.1	302.9	15.1	327.8	17.6	357.2	20.5	388.3	23.1	399.9	23.7	415.3	24.3	427.0	24.7
		86.2	302.9	13.9	327.8	16.5	357.2	19.2	388.3	21.6	399.9	22.2	415.3	22.7	427.0	23.2
		107.8	302.9	13.5	327.8	16.1	357.2	18.8	388.3	21.2	399.9	21.7	415.3	22.3	427.0	22.7
		129.3	302.9	13.3	327.8	15.9	357.2	18.6	388.3	21.0	399.9	21.5	415.3	22.1	427.0	22.4
	95	34.5	272.5	15.6	295.2	18.1	321.3	21.1	349.3	23.7	359.8	24.3	373.8	24.9	384.3	25.3
		43.1	272.5	15.3	295.2	17.8	321.3	20.8	349.3	23.4	359.8	23.9	373.8	24.5	384.3	25.0
		86.2	272.5	14.1	295.2	16.7	321.3	19.4	349.3	21.9	359.8	22.4	373.8	23.0	384.3	23.5
		107.8	272.5	13.7	295.2	16.3	321.3	19.0	349.3	21.4	359.8	22.0	373.8	22.5	384.3	22.9
		129.3	272.5	13.5	295.2	16.1	321.3	18.8	349.3	21.2	359.8	21.8	373.8	22.3	384.3	22.6
	104	34.5	242.2	16.5	262.3	19.1	285.6	22.3	310.6	25.1	319.9	25.6	332.3	26.3	341.6	26.7
		43.1	242.2	16.1	262.3	18.8	285.6	21.9	310.6	24.7	319.9	25.2	332.3	25.9	341.6	26.3
		86.2	242.2	14.8	262.3	17.6	285.6	20.5	310.6	23.1	319.9	23.6	332.3	24.3	341.6	24.7
		107.8	242.2	14.4	262.3	17.2	285.6	20.0	310.6	22.6	319.9	23.2	332.3	23.8	341.6	24.2
		129.3	242.2	14.2	262.3	17.0	285.6	19.8	310.6	22.4	319.9	23.0	332.3	23.5	341.6	23.9
	113	34.5	211.9	17.3	229.4	20.1	249.9	23.4	271.8	26.4	280.0	26.9	290.7	27.6	298.9	28.2
		43.1	211.9	17.0	229.4	19.8	249.9	23.0	271.8	25.9	280.0	26.5	290.7	27.2	298.9	27.7
		86.2	211.9	15.6	229.4	18.5	249.9	21.6	271.8	24.3	280.0	24.9	290.7	25.5	298.9	26.0
		107.8	211.9	15.1	229.4	18.1	249.9	21.1	271.8	23.8	280.0	24.4	290.7	25.0	298.9	25.5
		129.3	211.9	14.9	229.4	17.9	249.9	20.8	271.8	23.5	280.0	24.2	290.7	24.8	298.9	25.2

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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COOLING CAPACITY DATA

ARWN337DAS4, ARWB337DAS4

336,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet water Temp. (°F)	Water flow rate [gpm]	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]
120	23	22.8	295.5	6.2	320.1	7.2	348.6	8.4	378.7	9.5	390.4	9.7	405.6	9.9	416.8	10.1
	32	25.5	295.5	6.2	320.1	7.2	348.6	8.4	378.7	9.5	390.4	9.7	405.6	9.9	416.8	10.1
	41	29.4	295.5	6.2	320.1	7.2	348.6	8.4	378.7	9.5	390.4	9.7	405.6	9.9	416.8	10.1
	50	34.5	295.5	6.2	320.1	7.2	348.6	8.4	378.7	9.5	390.4	9.7	405.6	9.9	416.8	10.1
		43.1	295.5	6.1	320.1	7.1	348.6	8.2	378.7	9.3	390.4	9.5	405.6	9.8	416.8	9.9
		86.2	295.5	5.6	320.1	6.6	348.6	7.7	378.7	8.7	390.4	8.9	405.6	9.1	416.8	9.3
		107.8	295.5	5.4	320.1	6.5	348.6	7.6	378.7	8.5	390.4	8.7	405.6	9.0	416.8	9.1
		129.3	295.5	5.3	320.1	6.4	348.6	7.5	378.7	8.4	390.4	8.7	405.6	8.9	416.8	9.0
	59	34.5	292.1	8.2	316.4	9.6	344.6	11.1	374.5	12.5	385.9	12.8	400.9	13.1	412.1	13.4
		43.1	292.1	8.1	316.4	9.4	344.6	10.9	374.5	12.3	385.9	12.6	400.9	12.9	412.1	13.2
		86.2	292.1	7.4	316.4	8.8	344.6	10.2	374.5	11.5	385.9	11.8	400.9	12.1	412.1	12.4
		107.8	292.1	7.2	316.4	8.6	344.6	10.0	374.5	11.3	385.9	11.6	400.9	11.9	412.1	12.1
		129.3	292.1	7.1	316.4	8.5	344.6	9.9	374.5	11.2	385.9	11.5	400.9	11.8	412.1	11.9
	67	34.5	289.1	10.0	313.1	11.6	341.1	13.6	370.8	15.3	382.0	15.6	396.7	16.0	407.9	16.3
		43.1	289.1	9.8	313.1	11.5	341.1	13.3	370.8	15.0	382.0	15.4	396.7	15.7	407.9	16.0
		86.2	289.1	9.0	313.1	10.7	341.1	12.5	370.8	14.1	382.0	14.4	396.7	14.8	407.9	15.0
		107.8	289.1	8.8	313.1	10.5	341.1	12.2	370.8	13.8	382.0	14.1	396.7	14.5	407.9	14.7
		129.3	289.1	8.7	313.1	10.4	341.1	12.1	370.8	13.6	382.0	14.0	396.7	14.3	407.9	14.5
	75	34.5	289.1	12.3	313.1	14.3	341.1	16.7	370.8	18.8	382.0	19.2	396.7	19.7	407.9	20.0
		43.1	289.1	12.1	313.1	14.1	341.1	16.4	370.8	18.5	382.0	18.9	396.7	19.4	407.9	19.7
		86.2	289.1	11.1	313.1	13.1	341.1	15.3	370.8	17.3	382.0	17.7	396.7	18.1	407.9	18.5
		107.8	289.1	10.8	313.1	12.9	341.1	15.0	370.8	16.9	382.0	17.3	396.7	17.8	407.9	18.1
		129.3	289.1	10.6	313.1	12.7	341.1	14.9	370.8	16.7	382.0	17.2	396.7	17.6	407.9	17.8
	86	34.5	289.1	14.9	313.1	17.3	341.1	20.2	370.8	22.7	382.0	23.2	396.7	23.8	407.9	24.2
		43.1	289.1	14.6	313.1	17.0	341.1	19.8	370.8	22.3	382.0	22.9	396.7	23.4	407.9	23.8
		86.2	289.1	13.4	313.1	15.9	341.1	18.5	370.8	20.9	382.0	21.4	396.7	21.9	407.9	22.4
		107.8	289.1	13.0	313.1	15.6	341.1	18.1	370.8	20.5	382.0	21.0	396.7	21.5	407.9	21.8
		129.3	289.1	12.9	313.1	15.4	341.1	18.0	370.8	20.2	382.0	20.8	396.7	21.3	407.9	21.6
	95	34.5	264.6	15.3	286.5	17.7	312.2	20.6	339.3	23.3	349.5	23.8	363.1	24.4	373.3	24.8
		43.1	264.6	15.0	286.5	17.4	312.2	20.3	339.3	22.9	349.5	23.4	363.1	24.0	373.3	24.4
		86.2	264.6	13.7	286.5	16.3	312.2	19.0	339.3	21.4	349.5	21.9	363.1	22.5	373.3	22.9
		107.8	264.6	13.4	286.5	16.0	312.2	18.6	339.3	21.0	349.5	21.5	363.1	22.0	373.3	22.4
		129.3	264.6	13.2	286.5	15.8	312.2	18.4	339.3	20.8	349.5	21.3	363.1	21.8	373.3	22.1
	104	34.5	240.1	16.4	259.9	19.1	283.3	22.2	307.8	25.0	317.1	25.6	329.5	26.2	338.6	26.7
		43.1	240.1	16.1	259.9	18.8	283.3	21.9	307.8	24.6	317.1	25.2	329.5	25.8	338.6	26.3
		86.2	240.1	14.8	259.9	17.5	283.3	20.4	307.8	23.0	317.1	23.6	329.5	24.2	338.6	24.7
		107.8	240.1	14.4	259.9	17.2	283.3	20.0	307.8	22.6	317.1	23.1	329.5	23.7	338.6	24.1
		129.3	240.1	14.2	259.9	17.0	283.3	19.8	307.8	22.3	317.1	22.9	329.5	23.5	338.6	23.8
	113	34.5	215.6	17.6	233.3	20.4	254.3	23.8	276.3	26.8	284.7	27.4	295.9	28.1	303.8	28.6
		43.1	215.6	17.2	233.3	20.1	254.3	23.4	276.3	26.4	284.7	27.0	295.9	27.7	303.8	28.2
		86.2	215.6	15.9	233.3	18.8	254.3	21.9	276.3	24.6	284.7	25.2	295.9	25.9	303.8	26.4
		107.8	215.6	15.4	233.3	18.4	254.3	21.4	276.3	24.2	284.7	24.8	295.9	25.4	303.8	25.8
		129.3	215.6	15.2	233.3	18.2	254.3	21.2	276.3	23.9	284.7	24.6	295.9	25.2	303.8	25.5

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

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COOLING CAPACITY DATA

ARWN337DAS4, ARWB337DAS4

336,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet water Temp. (°F)	Water flow rate [gpm]	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]
110	23	22.8	279.0	5.8	301.9	6.8	329.0	7.9	357.5	8.9	368.0	9.1	382.2	9.4	393.2	9.5
	32	25.5	279.0	5.8	301.9	6.8	329.0	7.9	357.5	8.9	368.0	9.1	382.2	9.4	393.2	9.5
	41	29.4	279.0	5.8	301.9	6.8	329.0	7.9	357.5	8.9	368.0	9.1	382.2	9.4	393.2	9.5
	50	34.5	279.0	5.8	301.9	6.8	329.0	7.9	357.5	8.9	368.0	9.1	382.2	9.4	393.2	9.5
		43.1	279.0	5.7	301.9	6.7	329.0	7.8	357.5	8.8	368.0	9.0	382.2	9.2	393.2	9.4
		86.2	279.0	5.3	301.9	6.2	329.0	7.3	357.5	8.2	368.0	8.4	382.2	8.6	393.2	8.8
		107.8	279.0	5.1	301.9	6.1	329.0	7.1	357.5	8.1	368.0	8.2	382.2	8.5	393.2	8.6
		129.3	279.0	5.1	301.9	6.1	329.0	7.0	357.5	8.0	368.0	8.1	382.2	8.4	393.2	8.4
	59	34.5	277.2	7.8	300.1	9.1	326.9	10.6	355.4	12.0	365.9	12.2	380.1	12.5	390.8	12.8
		43.1	277.2	7.7	300.1	9.0	326.9	10.4	355.4	11.8	365.9	12.0	380.1	12.3	390.8	12.6
		86.2	277.2	7.1	300.1	8.4	326.9	9.8	355.4	11.0	365.9	11.3	380.1	11.6	390.8	11.8
		107.8	277.2	6.9	300.1	8.2	326.9	9.6	355.4	10.8	365.9	11.0	380.1	11.3	390.8	11.5
		129.3	277.2	6.8	300.1	8.1	326.9	9.4	355.4	10.7	365.9	10.9	380.1	11.2	390.8	11.3
	67	34.5	275.6	9.6	298.4	11.2	325.0	13.0	353.5	14.7	364.0	15.0	378.2	15.4	388.7	15.6
		43.1	275.6	9.4	298.4	11.0	325.0	12.8	353.5	14.4	364.0	14.8	378.2	15.1	388.7	15.4
		86.2	275.6	8.7	298.4	10.3	325.0	12.0	353.5	13.5	364.0	13.8	378.2	14.2	388.7	14.4
		107.8	275.6	8.4	298.4	10.1	325.0	11.7	353.5	13.2	364.0	13.6	378.2	13.9	388.7	14.1
		129.3	275.6	8.3	298.4	10.0	325.0	11.6	353.5	13.1	364.0	13.4	378.2	13.8	388.7	13.9
	75	34.5	275.6	11.8	298.4	13.7	325.0	15.9	353.5	17.9	364.0	18.4	378.2	18.8	388.7	19.2
		43.1	275.6	11.5	298.4	13.5	325.0	15.7	353.5	17.7	364.0	18.1	378.2	18.5	388.7	18.9
		86.2	275.6	10.6	298.4	12.6	325.0	14.7	353.5	16.5	364.0	16.9	378.2	17.3	388.7	17.7
		107.8	275.6	10.3	298.4	12.3	325.0	14.4	353.5	16.2	364.0	16.6	378.2	17.0	388.7	17.2
		129.3	275.6	10.2	298.4	12.2	325.0	14.2	353.5	16.0	364.0	16.4	378.2	16.9	388.7	17.0
	86	34.5	275.6	14.3	298.4	16.7	325.0	19.4	353.5	21.9	364.0	22.4	378.2	22.9	388.7	23.4
		43.1	275.6	14.1	298.4	16.4	325.0	19.1	353.5	21.5	364.0	22.0	378.2	22.6	388.7	23.0
		86.2	275.6	12.9	298.4	15.3	325.0	17.9	353.5	20.1	364.0	20.6	378.2	21.1	388.7	21.5
		107.8	275.6	12.6	298.4	15.0	325.0	17.5	353.5	19.7	364.0	20.2	378.2	20.7	388.7	21.0
		129.3	275.6	12.4	298.4	14.9	325.0	17.3	353.5	19.5	364.0	20.0	378.2	20.5	388.7	20.7
	95	34.5	256.9	14.9	278.1	17.3	302.9	20.2	329.2	22.7	339.0	23.3	352.3	23.8	362.1	24.3
		43.1	256.9	14.6	278.1	17.1	302.9	19.9	329.2	22.4	339.0	22.9	352.3	23.5	362.1	23.9
		86.2	256.9	13.5	278.1	15.9	302.9	18.6	329.2	20.9	339.0	21.4	352.3	22.0	362.1	22.4
		107.8	256.9	13.1	278.1	15.6	302.9	18.2	329.2	20.5	339.0	21.0	352.3	21.6	362.1	21.8
		129.3	256.9	12.9	278.1	15.4	302.9	18.0	329.2	20.3	339.0	20.8	352.3	21.4	362.1	21.6
	104	34.5	238.0	16.4	257.8	19.1	280.7	22.2	305.2	25.0	314.3	25.6	326.4	26.2	335.5	26.7
		43.1	238.0	16.1	257.8	18.7	280.7	21.8	305.2	24.6	314.3	25.2	326.4	25.8	335.5	26.3
		86.2	238.0	14.8	257.8	17.5	280.7	20.4	305.2	23.0	314.3	23.5	326.4	24.2	335.5	24.6
		107.8	238.0	14.4	257.8	17.1	280.7	20.0	305.2	22.5	314.3	23.1	326.4	23.7	335.5	24.0
		129.3	238.0	14.2	257.8	17.0	280.7	19.8	305.2	22.3	314.3	22.9	326.4	23.5	335.5	23.7
	113	34.5	219.1	17.9	237.5	20.8	258.5	24.2	281.2	27.2	289.6	27.9	300.5	28.5	308.9	29.1
		43.1	219.1	17.5	237.5	20.4	258.5	23.8	281.2	26.8	289.6	27.4	300.5	28.1	308.9	28.6
		86.2	219.1	16.1	237.5	19.1	258.5	22.2	281.2	25.0	289.6	25.7	300.5	26.3	308.9	26.8
		107.8	219.1	15.6	237.5	18.7	258.5	21.8	281.2	24.5	289.6	25.2	300.5	25.8	308.9	26.1
		129.3	219.1	15.4	237.5	18.5	258.5	21.6	281.2	24.3	289.6	24.9	300.5	25.6	308.9	25.8

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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COOLING CAPACITY DATA

ARWN337DAS4, ARWB337DAS4

336,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet water Temp. (°F)	Water flow rate [gpm]	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]
100	23	22.8	262.0	5.5	283.7	6.4	309.2	7.4	336.0	8.4	346.0	8.6	359.6	8.8	369.6	9.0
	32	25.5	262.0	5.5	283.7	6.4	309.2	7.4	336.0	8.4	346.0	8.6	359.6	8.8	369.6	9.0
	41	29.4	262.0	5.5	283.7	6.4	309.2	7.4	336.0	8.4	346.0	8.6	359.6	8.8	369.6	9.0
	50	34.5	262.0	5.5	283.7	6.4	309.2	7.4	336.0	8.4	346.0	8.6	359.6	8.8	369.6	9.0
		43.1	262.0	5.4	283.7	6.3	309.2	7.3	336.0	8.3	346.0	8.5	359.6	8.7	369.6	8.8
		86.2	262.0	5.0	283.7	5.9	309.2	6.8	336.0	7.7	346.0	7.9	359.6	8.1	369.6	8.3
		107.8	262.0	4.8	283.7	5.8	309.2	6.7	336.0	7.6	346.0	7.8	359.6	7.9	369.6	8.0
		129.3	262.0	4.7	283.7	5.7	309.2	6.7	336.0	7.5	346.0	7.7	359.6	7.9	369.6	7.9
	59	34.5	262.0	7.5	283.7	8.7	309.2	10.1	336.0	11.4	346.0	11.7	359.6	12.0	369.6	12.2
		43.1	262.0	7.3	283.7	8.5	309.2	9.9	336.0	11.2	346.0	11.5	359.6	11.8	369.6	12.0
		86.2	262.0	6.7	283.7	8.0	309.2	9.3	336.0	10.5	346.0	10.7	359.6	11.0	369.6	11.2
		107.8	262.0	6.5	283.7	7.8	309.2	9.1	336.0	10.3	346.0	10.5	359.6	10.8	369.6	10.9
		129.3	262.0	6.4	283.7	7.7	309.2	9.0	336.0	10.2	346.0	10.4	359.6	10.7	369.6	10.8
	67	34.5	262.0	9.2	283.7	10.7	309.2	12.5	336.0	14.0	346.0	14.4	359.6	14.7	369.6	15.0
		43.1	262.0	9.0	283.7	10.5	309.2	12.3	336.0	13.8	346.0	14.1	359.6	14.5	369.6	14.7
		86.2	262.0	8.3	283.7	9.9	309.2	11.5	336.0	12.9	346.0	13.2	359.6	13.6	369.6	13.8
		107.8	262.0	8.1	283.7	9.6	309.2	11.2	336.0	12.7	346.0	13.0	359.6	13.3	369.6	13.5
		129.3	262.0	8.0	283.7	9.5	309.2	11.1	336.0	12.5	346.0	12.8	359.6	13.2	369.6	13.3
	75	34.5	262.0	11.2	283.7	13.0	309.2	15.2	336.0	17.1	346.0	17.5	359.6	18.0	369.6	18.3
		43.1	262.0	11.0	283.7	12.8	309.2	15.0	336.0	16.9	346.0	17.3	359.6	17.7	369.6	18.0
		86.2	262.0	10.1	283.7	12.0	309.2	14.0	336.0	15.7	346.0	16.1	359.6	16.5	369.6	16.9
		107.8	262.0	9.9	283.7	11.8	309.2	13.7	336.0	15.4	346.0	15.8	359.6	16.2	369.6	16.4
		129.3	262.0	9.7	283.7	11.6	309.2	13.6	336.0	15.3	346.0	15.7	359.6	16.1	369.6	16.2
	86	34.5	262.0	13.8	283.7	16.1	309.2	18.7	336.0	21.1	346.0	21.6	359.6	22.1	369.6	22.5
		43.1	262.0	13.5	283.7	15.8	309.2	18.4	336.0	20.7	346.0	21.2	359.6	21.7	369.6	22.1
		86.2	262.0	12.5	283.7	14.8	309.2	17.2	336.0	19.4	346.0	19.8	359.6	20.3	369.6	20.7
		107.8	262.0	12.1	283.7	14.5	309.2	16.9	336.0	19.0	346.0	19.5	359.6	20.0	369.6	20.2
		129.3	262.0	11.9	283.7	14.3	309.2	16.7	336.0	18.8	346.0	19.3	359.6	19.8	369.6	19.9
	95	34.5	249.0	14.6	269.7	16.9	293.8	19.7	319.2	22.2	328.8	22.8	341.6	23.3	351.2	23.7
		43.1	249.0	14.3	269.7	16.7	293.8	19.4	319.2	21.9	328.8	22.4	341.6	22.9	351.2	23.4
		86.2	249.0	13.1	269.7	15.6	293.8	18.2	319.2	20.5	328.8	20.9	341.6	21.5	351.2	21.9
		107.8	249.0	12.8	269.7	15.3	293.8	17.8	319.2	20.1	328.8	20.6	341.6	21.1	351.2	21.3
		129.3	249.0	12.6	269.7	15.1	293.8	17.6	319.2	19.9	328.8	20.4	341.6	20.9	351.2	21.0
	104	34.5	235.9	16.4	255.5	19.0	278.1	22.2	302.4	25.0	311.5	25.5	323.6	26.2	332.7	26.6
		43.1	235.9	16.0	255.5	18.7	278.1	21.8	302.4	24.5	311.5	25.1	323.6	25.7	332.7	26.2
		86.2	235.9	14.7	255.5	17.5	278.1	20.4	302.4	22.9	311.5	23.5	323.6	24.1	332.7	24.5
		107.8	235.9	14.3	255.5	17.1	278.1	20.0	302.4	22.5	311.5	23.1	323.6	23.6	332.7	23.9
		129.3	235.9	14.1	255.5	16.9	278.1	19.8	302.4	22.3	311.5	22.8	323.6	23.4	332.7	23.6
	113	34.5	222.8	18.2	241.3	21.1	262.5	24.6	285.6	27.7	294.2	28.3	305.7	29.0	314.3	29.5
		43.1	222.8	17.8	241.3	20.8	262.5	24.2	285.6	27.2	294.2	27.9	305.7	28.5	314.3	29.0
		86.2	222.8	16.4	241.3	19.4	262.5	22.6	285.6	25.4	294.2	26.1	305.7	26.7	314.3	27.2
		107.8	222.8	15.9	241.3	19.0	262.5	22.1	285.6	24.9	294.2	25.6	305.7	26.2	314.3	26.5
		129.3	222.8	15.7	241.3	18.8	262.5	21.9	285.6	24.7	294.2	25.3	305.7	26.0	314.3	26.1

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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COOLING CAPACITY DATA

ARWN337DAS4, ARWB337DAS4

336,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet water Temp. (°F)	Water flow rate [gpm]	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]
90	23	22.8	235.9	4.7	255.5	5.5	278.1	6.4	302.4	7.2	311.5	7.4	323.6	7.5	332.7	7.7
	32	25.5	235.9	4.7	255.5	5.5	278.1	6.4	302.4	7.2	311.5	7.4	323.6	7.5	332.7	7.7
	41	29.4	235.9	4.7	255.5	5.5	278.1	6.4	302.4	7.2	311.5	7.4	323.6	7.5	332.7	7.7
	50	34.5	235.9	4.7	255.5	5.5	278.1	6.4	302.4	7.2	311.5	7.4	323.6	7.5	332.7	7.7
		43.1	235.9	4.6	255.5	5.4	278.1	6.3	302.4	7.1	311.5	7.3	323.6	7.4	332.7	7.6
		86.2	235.9	4.3	255.5	5.1	278.1	5.9	302.4	6.7	311.5	6.8	323.6	7.0	332.7	7.1
		107.8	235.9	4.2	255.5	4.9	278.1	5.8	302.4	6.5	311.5	6.7	323.6	6.9	332.7	6.9
		129.3	235.9	4.1	255.5	4.9	278.1	5.7	302.4	6.4	311.5	6.6	323.6	6.8	332.7	6.8
	59	34.5	235.9	6.4	255.5	7.5	278.1	8.7	302.4	9.8	311.5	10.0	323.6	10.3	332.7	10.5
		43.1	235.9	6.3	255.5	7.3	278.1	8.6	302.4	9.6	311.5	9.9	323.6	10.1	332.7	10.3
		86.2	235.9	5.8	255.5	6.9	278.1	8.0	302.4	9.0	311.5	9.2	323.6	9.5	332.7	9.6
		107.8	235.9	5.6	255.5	6.7	278.1	7.8	302.4	8.8	311.5	9.1	323.6	9.3	332.7	9.4
		129.3	235.9	5.6	255.5	6.6	278.1	7.8	302.4	8.7	311.5	9.0	323.6	9.2	332.7	9.2
	67	34.5	235.9	7.9	255.5	9.2	278.1	10.7	302.4	12.1	311.5	12.4	323.6	12.7	332.7	12.9
		43.1	235.9	7.8	255.5	9.1	278.1	10.6	302.4	11.9	311.5	12.2	323.6	12.5	332.7	12.7
		86.2	235.9	7.2	255.5	8.5	278.1	9.9	302.4	11.1	311.5	11.4	323.6	11.7	332.7	11.9
		107.8	235.9	7.0	255.5	8.3	278.1	9.7	302.4	10.9	311.5	11.2	323.6	11.5	332.7	11.6
		129.3	235.9	6.9	255.5	8.2	278.1	9.6	302.4	10.8	311.5	11.1	323.6	11.3	332.7	11.4
	75	34.5	235.9	9.7	255.5	11.2	278.1	13.1	302.4	14.7	311.5	15.1	323.6	15.5	332.7	15.7
		43.1	235.9	9.5	255.5	11.1	278.1	12.9	302.4	14.5	311.5	14.8	323.6	15.2	332.7	15.5
		86.2	235.9	8.7	255.5	10.3	278.1	12.0	302.4	13.6	311.5	13.9	323.6	14.3	332.7	14.5
		107.8	235.9	8.5	255.5	10.1	278.1	11.8	302.4	13.3	311.5	13.6	323.6	14.0	332.7	14.1
		129.3	235.9	8.4	255.5	10.0	278.1	11.7	302.4	13.2	311.5	13.5	323.6	13.8	332.7	13.9
	86	34.5	235.9	11.9	255.5	13.8	278.1	16.1	302.4	18.1	311.5	18.6	323.6	19.0	332.7	19.4
		43.1	235.9	11.7	255.5	13.6	278.1	15.8	302.4	17.8	311.5	18.3	323.6	18.7	332.7	19.1
		86.2	235.9	10.7	255.5	12.7	278.1	14.8	302.4	16.7	311.5	17.1	323.6	17.5	332.7	17.8
		107.8	235.9	10.4	255.5	12.4	278.1	14.5	302.4	16.4	311.5	16.8	323.6	17.2	332.7	17.4
		129.3	235.9	10.3	255.5	12.3	278.1	14.4	302.4	16.2	311.5	16.6	323.6	17.0	332.7	17.1
	95	34.5	229.4	12.8	248.3	14.9	270.4	17.4	294.0	19.6	302.9	20.0	314.5	20.5	323.4	20.9
		43.1	229.4	12.6	248.3	14.7	270.4	17.1	294.0	19.2	302.9	19.7	314.5	20.2	323.4	20.6
		86.2	229.4	11.6	248.3	13.7	270.4	16.0	294.0	18.0	302.9	18.4	314.5	18.9	323.4	19.2
		107.8	229.4	11.3	248.3	13.4	270.4	15.7	294.0	17.6	302.9	18.1	314.5	18.5	323.4	18.7
		129.3	229.4	11.1	248.3	13.3	270.4	15.5	294.0	17.5	302.9	17.9	314.5	18.4	323.4	18.5
	104	34.5	222.8	14.7	241.3	17.1	262.7	20.0	285.6	22.5	294.2	23.0	305.7	23.6	314.1	24.0
		43.1	222.8	14.5	241.3	16.9	262.7	19.6	285.6	22.1	294.2	22.6	305.7	23.2	314.1	23.6
		86.2	222.8	13.3	241.3	15.8	262.7	18.4	285.6	20.7	294.2	21.2	305.7	21.7	314.1	22.1
		107.8	222.8	12.9	241.3	15.4	262.7	18.0	285.6	20.3	294.2	20.8	305.7	21.3	314.1	21.5
		129.3	222.8	12.7	241.3	15.3	262.7	17.8	285.6	20.1	294.2	20.6	305.7	21.1	314.1	21.2
	113	34.5	216.3	16.7	234.3	19.3	255.0	22.5	277.2	25.4	285.6	26.0	296.8	26.6	304.7	27.1
		43.1	216.3	16.3	234.3	19.0	255.0	22.2	277.2	25.0	285.6	25.6	296.8	26.2	304.7	26.7
		86.2	216.3	15.0	234.3	17.8	255.0	20.8	277.2	23.3	285.6	23.9	296.8	24.5	304.7	25.0
		107.8	216.3	14.6	234.3	17.4	255.0	20.3	277.2	22.9	285.6	23.4	296.8	24.1	304.7	24.3
		129.3	216.3	14.4	234.3	17.2	255.0	20.1	277.2	22.7	285.6	23.2	296.8	23.8	304.7	24.0

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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COOLING CAPACITY DATA

ARWN337DAS4, ARWB337DAS4

336,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet water Temp. (°F)	Water flow rate [gpm]	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]
80	23	22.8	209.8	4.0	227.0	4.6	247.3	5.4	268.8	6.1	277.0	6.2	287.7	6.4	295.6	6.4
	32	25.5	209.8	4.0	227.0	4.6	247.3	5.4	268.8	6.1	277.0	6.2	287.7	6.4	295.6	6.4
	41	29.4	209.8	4.0	227.0	4.6	247.3	5.4	268.8	6.1	277.0	6.2	287.7	6.4	295.6	6.4
	50	34.5	209.8	4.0	227.0	4.6	247.3	5.4	268.8	6.1	277.0	6.2	287.7	6.4	295.6	6.4
		43.1	209.8	3.9	227.0	4.5	247.3	5.3	268.8	6.0	277.0	6.1	287.7	6.3	295.6	6.3
		86.2	209.8	3.6	227.0	4.3	247.3	5.0	268.8	5.6	277.0	5.7	287.7	5.8	295.6	5.9
		107.8	209.8	3.5	227.0	4.2	247.3	4.9	268.8	5.5	277.0	5.6	287.7	5.7	295.6	5.8
		129.3	209.8	3.5	227.0	4.1	247.3	4.8	268.8	5.4	277.0	5.5	287.7	5.7	295.6	5.7
	59	34.5	209.8	5.4	227.0	6.3	247.3	7.3	268.8	8.2	277.0	8.4	287.7	8.6	295.6	8.8
		43.1	209.8	5.3	227.0	6.2	247.3	7.2	268.8	8.1	277.0	8.3	287.7	8.5	295.6	8.6
		86.2	209.8	4.9	227.0	5.8	247.3	6.7	268.8	7.5	277.0	7.7	287.7	7.9	295.6	8.1
		107.8	209.8	4.7	227.0	5.6	247.3	6.6	268.8	7.4	277.0	7.6	287.7	7.8	295.6	7.9
		129.3	209.8	4.7	227.0	5.6	247.3	6.5	268.8	7.3	277.0	7.5	287.7	7.7	295.6	7.8
	67	34.5	209.8	6.6	227.0	7.7	247.3	9.0	268.8	10.1	277.0	10.4	287.7	10.6	295.6	10.8
		43.1	209.8	6.5	227.0	7.6	247.3	8.9	268.8	10.0	277.0	10.2	287.7	10.5	295.6	10.7
		86.2	209.8	6.0	227.0	7.1	247.3	8.3	268.8	9.3	277.0	9.5	287.7	9.8	295.6	10.0
		107.8	209.8	5.8	227.0	7.0	247.3	8.1	268.8	9.1	277.0	9.4	287.7	9.6	295.6	9.7
		129.3	209.8	5.7	227.0	6.9	247.3	8.0	268.8	9.1	277.0	9.3	287.7	9.5	295.6	9.6
	75	34.5	209.8	8.1	227.0	9.4	247.3	11.0	268.8	12.3	277.0	12.7	287.7	13.0	295.6	13.2
		43.1	209.8	8.0	227.0	9.3	247.3	10.8	268.8	12.2	277.0	12.4	287.7	12.8	295.6	13.0
		86.2	209.8	7.3	227.0	8.7	247.3	10.1	268.8	11.4	277.0	11.6	287.7	11.9	295.6	12.2
		107.8	209.8	7.1	227.0	8.5	247.3	9.9	268.8	11.1	277.0	11.4	287.7	11.7	295.6	11.8
		129.3	209.8	7.0	227.0	8.4	247.3	9.8	268.8	11.0	277.0	11.3	287.7	11.6	295.6	11.7
	86	34.5	209.8	10.0	227.0	11.6	247.3	13.5	268.8	15.2	277.0	15.5	287.7	15.9	295.6	16.2
		43.1	209.8	9.8	227.0	11.4	247.3	13.3	268.8	15.0	277.0	15.3	287.7	15.7	295.6	16.0
		86.2	209.8	9.0	227.0	10.7	247.3	12.4	268.8	14.0	277.0	14.3	287.7	14.7	295.6	15.0
		107.8	209.8	8.7	227.0	10.4	247.3	12.2	268.8	13.7	277.0	14.1	287.7	14.4	295.6	14.6
		129.3	209.8	8.6	227.0	10.3	247.3	12.0	268.8	13.6	277.0	13.9	287.7	14.3	295.6	14.4
	95	34.5	209.8	11.1	227.0	12.9	247.3	15.0	268.8	16.9	277.0	17.3	287.7	17.7	295.6	18.0
		43.1	209.8	10.9	227.0	12.7	247.3	14.7	268.8	16.6	277.0	17.0	287.7	17.4	295.6	17.8
		86.2	209.8	10.0	227.0	11.8	247.3	13.8	268.8	15.5	277.0	15.9	287.7	16.3	295.6	16.6
		107.8	209.8	9.7	227.0	11.6	247.3	13.5	268.8	15.2	277.0	15.6	287.7	16.0	295.6	16.2
		129.3	209.8	9.6	227.0	11.5	247.3	13.4	268.8	15.1	277.0	15.5	287.7	15.9	295.6	15.9
	104	34.5	209.8	13.1	227.0	15.3	247.3	17.8	268.8	20.0	277.0	20.5	287.7	21.0	295.6	21.3
		43.1	209.8	12.9	227.0	15.0	247.3	17.5	268.8	19.7	277.0	20.1	287.7	20.6	295.6	21.0
		86.2	209.8	11.8	227.0	14.0	247.3	16.3	268.8	18.4	277.0	18.8	287.7	19.3	295.6	19.7
		107.8	209.8	11.5	227.0	13.7	247.3	16.0	268.8	18.0	277.0	18.5	287.7	19.0	295.6	19.2
		129.3	209.8	11.3	227.0	13.6	247.3	15.8	268.8	17.8	277.0	18.3	287.7	18.8	295.6	18.9
	113	34.5	209.8	15.2	227.0	17.6	247.3	20.6	268.8	23.1	277.0	23.7	287.7	24.2	295.6	24.7
		43.1	209.8	14.9	227.0	17.3	247.3	20.2	268.8	22.8	277.0	23.3	287.7	23.8	295.6	24.3
		86.2	209.8	13.7	227.0	16.2	247.3	18.9	268.8	21.3	277.0	21.7	287.7	22.3	295.6	22.7
		107.8	209.8	13.3	227.0	15.9	247.3	18.5	268.8	20.8	277.0	21.3	287.7	21.9	295.6	22.1
		129.3	209.8	13.1	227.0	15.7	247.3	18.3	268.8	20.6	277.0	21.1	287.7	21.7	295.6	21.8

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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COOLING CAPACITY DATA

ARWN337DAS4, ARWB337DAS4

336,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet water Temp. (°F)	Water flow rate [gpm]	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]
70	23	22.8	183.4	3.3	198.6	3.8	216.3	4.5	235.2	5.0	242.2	5.2	251.8	5.3	258.8	5.4
	32	25.5	183.4	3.3	198.6	3.8	216.3	4.5	235.2	5.0	242.2	5.2	251.8	5.3	258.8	5.4
	41	29.4	183.4	3.3	198.6	3.8	216.3	4.5	235.2	5.0	242.2	5.2	251.8	5.3	258.8	5.4
	50	34.5	183.4	3.3	198.6	3.8	216.3	4.5	235.2	5.0	242.2	5.2	251.8	5.3	258.8	5.4
		43.1	183.4	3.2	198.6	3.8	216.3	4.4	235.2	4.9	242.2	5.1	251.8	5.2	258.8	5.3
		86.2	183.4	3.0	198.6	3.5	216.3	4.1	235.2	4.6	242.2	4.8	251.8	4.9	258.8	5.0
		107.8	183.4	2.9	198.6	3.4	216.3	4.0	235.2	4.5	242.2	4.6	251.8	4.8	258.8	4.8
		129.3	183.4	2.9	198.6	3.4	216.3	4.0	235.2	4.5	242.2	4.6	251.8	4.7	258.8	4.8
	59	34.5	183.4	4.5	198.6	5.2	216.3	6.1	235.2	6.8	242.2	7.0	251.8	7.2	258.8	7.3
		43.1	183.4	4.4	198.6	5.1	216.3	6.0	235.2	6.7	242.2	6.9	251.8	7.1	258.8	7.2
		86.2	183.4	4.0	198.6	4.8	216.3	5.6	235.2	6.3	242.2	6.4	251.8	6.6	258.8	6.7
		107.8	183.4	3.9	198.6	4.7	216.3	5.5	235.2	6.2	242.2	6.3	251.8	6.5	258.8	6.5
		129.3	183.4	3.9	198.6	4.6	216.3	5.4	235.2	6.1	242.2	6.3	251.8	6.4	258.8	6.5
	67	34.5	183.4	5.5	198.6	6.4	216.3	7.5	235.2	8.4	242.2	8.6	251.8	8.8	258.8	9.0
		43.1	183.4	5.4	198.6	6.3	216.3	7.4	235.2	8.3	242.2	8.5	251.8	8.7	258.8	8.9
		86.2	183.4	5.0	198.6	5.9	216.3	6.9	235.2	7.8	242.2	7.9	251.8	8.1	258.8	8.3
		107.8	183.4	4.8	198.6	5.8	216.3	6.7	235.2	7.6	242.2	7.8	251.8	8.0	258.8	8.1
		129.3	183.4	4.8	198.6	5.7	216.3	6.7	235.2	7.5	242.2	7.7	251.8	7.9	258.8	8.0
	75	34.5	183.4	6.7	198.6	7.8	216.3	9.1	235.2	10.3	242.2	10.5	251.8	10.8	258.8	11.0
		43.1	183.4	6.6	198.6	7.7	216.3	9.0	235.2	10.1	242.2	10.3	251.8	10.6	258.8	10.8
		86.2	183.4	6.1	198.6	7.2	216.3	8.4	235.2	9.4	242.2	9.7	251.8	9.9	258.8	10.1
		107.8	183.4	5.9	198.6	7.1	216.3	8.2	235.2	9.3	242.2	9.5	251.8	9.7	258.8	9.8
		129.3	183.4	5.8	198.6	7.0	216.3	8.1	235.2	9.2	242.2	9.4	251.8	9.6	258.8	9.7
	86	34.5	183.4	8.3	198.6	9.6	216.3	11.2	235.2	12.6	242.2	12.9	251.8	13.3	258.8	13.5
		43.1	183.4	8.1	198.6	9.5	216.3	11.0	235.2	12.4	242.2	12.7	251.8	13.0	258.8	13.3
		86.2	183.4	7.5	198.6	8.9	216.3	10.3	235.2	11.6	242.2	11.9	251.8	12.2	258.8	12.4
		107.8	183.4	7.3	198.6	8.7	216.3	10.1	235.2	11.4	242.2	11.7	251.8	12.0	258.8	12.1
		129.3	183.4	7.2	198.6	8.6	216.3	10.0	235.2	11.3	242.2	11.6	251.8	11.9	258.8	12.0
	95	34.5	183.4	9.2	198.6	10.7	216.3	12.5	235.2	14.0	242.2	14.4	251.8	14.7	258.8	15.0
		43.1	183.4	9.0	198.6	10.5	216.3	12.3	235.2	13.8	242.2	14.1	251.8	14.5	258.8	14.7
		86.2	183.4	8.3	198.6	9.9	216.3	11.5	235.2	12.9	242.2	13.2	251.8	13.6	258.8	13.8
		107.8	183.4	8.1	198.6	9.6	216.3	11.2	235.2	12.7	242.2	13.0	251.8	13.3	258.8	13.5
		129.3	183.4	8.0	198.6	9.5	216.3	11.1	235.2	12.5	242.2	12.8	251.8	13.2	258.8	13.3
	104	34.5	183.4	10.9	198.6	12.7	216.3	14.8	235.2	16.6	242.2	17.0	251.8	17.4	258.8	17.7
		43.1	183.4	10.7	198.6	12.5	216.3	14.5	235.2	16.4	242.2	16.8	251.8	17.2	258.8	17.5
		86.2	183.4	9.8	198.6	11.7	216.3	13.6	235.2	15.3	242.2	15.7	251.8	16.1	258.8	16.4
		107.8	183.4	9.6	198.6	11.4	216.3	13.3	235.2	15.0	242.2	15.4	251.8	15.8	258.8	15.9
		129.3	183.4	9.4	198.6	11.3	216.3	13.1	235.2	14.8	242.2	15.2	251.8	15.6	258.8	15.7
	113	34.5	183.4	12.6	198.6	14.6	216.3	17.1	235.2	19.2	242.2	19.7	251.8	20.1	258.8	20.5
		43.1	183.4	12.4	198.6	14.4	216.3	16.8	235.2	18.9	242.2	19.4	251.8	19.8	258.8	20.2
		86.2	183.4	11.4	198.6	13.5	216.3	15.7	235.2	17.7	242.2	18.1	251.8	18.5	258.8	18.9
		107.8	183.4	11.0	198.6	13.2	216.3	15.4	235.2	17.3	242.2	17.8	251.8	18.2	258.8	18.4
		129.3	183.4	10.9	198.6	13.0	216.3	15.2	235.2	17.1	242.2	17.6	251.8	18.1	258.8	18.1

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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COOLING CAPACITY DATA

ARWN337DAS4, ARWB337DAS4

336,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet water Temp. (°F)	Water flow rate [gpm]	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]
60	23	22.8	157.3	2.6	170.3	3.0	185.5	3.5	201.6	4.0	207.7	4.1	215.6	4.2	221.7	4.3
	32	25.5	157.3	2.6	170.3	3.0	185.5	3.5	201.6	4.0	207.7	4.1	215.6	4.2	221.7	4.3
	41	29.4	157.3	2.6	170.3	3.0	185.5	3.5	201.6	4.0	207.7	4.1	215.6	4.2	221.7	4.3
	50	34.5	157.3	2.6	170.3	3.0	185.5	3.5	201.6	4.0	207.7	4.1	215.6	4.2	221.7	4.3
		43.1	157.3	2.6	170.3	3.0	185.5	3.5	201.6	3.9	207.7	4.1	215.6	4.1	221.7	4.2
		86.2	157.3	2.4	170.3	2.8	185.5	3.3	201.6	3.7	207.7	3.8	215.6	3.9	221.7	3.9
		107.8	157.3	2.3	170.3	2.8	185.5	3.2	201.6	3.6	207.7	3.7	215.6	3.8	221.7	3.9
		129.3	157.3	2.2	170.3	2.8	185.5	3.2	201.6	3.6	207.7	3.7	215.6	3.7	221.7	3.8
	59	34.5	157.3	3.6	170.3	4.1	185.5	4.8	201.6	5.4	207.7	5.6	215.6	5.7	221.7	5.8
		43.1	157.3	3.5	170.3	4.1	185.5	4.8	201.6	5.4	207.7	5.5	215.6	5.6	221.7	5.7
		86.2	157.3	3.2	170.3	3.8	185.5	4.5	201.6	5.0	207.7	5.1	215.6	5.3	221.7	5.4
		107.8	157.3	3.1	170.3	3.7	185.5	4.4	201.6	4.9	207.7	5.0	215.6	5.2	221.7	5.2
		129.3	157.3	3.1	170.3	3.7	185.5	4.3	201.6	4.9	207.7	5.0	215.6	5.1	221.7	5.2
	67	34.5	157.3	4.4	170.3	5.1	185.5	6.0	201.6	6.7	207.7	6.9	215.6	7.0	221.7	7.2
		43.1	157.3	4.3	170.3	5.0	185.5	5.9	201.6	6.6	207.7	6.8	215.6	6.9	221.7	7.1
		86.2	157.3	4.0	170.3	4.7	185.5	5.5	201.6	6.2	207.7	6.3	215.6	6.5	221.7	6.6
		107.8	157.3	3.9	170.3	4.6	185.5	5.4	201.6	6.1	207.7	6.2	215.6	6.4	221.7	6.4
		129.3	157.3	3.8	170.3	4.5	185.5	5.3	201.6	6.0	207.7	6.1	215.6	6.3	221.7	6.3
	75	34.5	157.3	5.4	170.3	6.3	185.5	7.3	201.6	8.2	207.7	8.4	215.6	8.6	221.7	8.8
		43.1	157.3	5.3	170.3	6.2	185.5	7.2	201.6	8.1	207.7	8.2	215.6	8.5	221.7	8.6
		86.2	157.3	4.8	170.3	5.7	185.5	6.7	201.6	7.5	207.7	7.7	215.6	7.9	221.7	8.1
		107.8	157.3	4.7	170.3	5.6	185.5	6.6	201.6	7.4	207.7	7.6	215.6	7.8	221.7	7.8
		129.3	157.3	4.6	170.3	5.5	185.5	6.5	201.6	7.3	207.7	7.5	215.6	7.7	221.7	7.7
	86	34.5	157.3	6.6	170.3	7.7	185.5	8.9	201.6	10.1	207.7	10.3	215.6	10.6	221.7	10.8
		43.1	157.3	6.5	170.3	7.5	185.5	8.8	201.6	9.9	207.7	10.1	215.6	10.4	221.7	10.6
		86.2	157.3	6.0	170.3	7.1	185.5	8.2	201.6	9.3	207.7	9.5	215.6	9.7	221.7	9.9
		107.8	157.3	5.8	170.3	6.9	185.5	8.1	201.6	9.1	207.7	9.3	215.6	9.6	221.7	9.6
		129.3	157.3	5.7	170.3	6.8	185.5	8.0	201.6	9.0	207.7	9.2	215.6	9.5	221.7	9.5
	95	34.5	157.3	7.3	170.3	8.5	185.5	9.9	201.6	11.2	207.7	11.5	215.6	11.8	221.7	12.0
		43.1	157.3	7.2	170.3	8.4	185.5	9.8	201.6	11.0	207.7	11.3	215.6	11.6	221.7	11.8
		86.2	157.3	6.6	170.3	7.8	185.5	9.1	201.6	10.3	207.7	10.6	215.6	10.8	221.7	11.0
		107.8	157.3	6.4	170.3	7.7	185.5	9.0	201.6	10.1	207.7	10.3	215.6	10.6	221.7	10.7
		129.3	157.3	6.3	170.3	7.6	185.5	8.9	201.6	10.0	207.7	10.2	215.6	10.5	221.7	10.6
	104	34.5	157.3	8.7	170.3	10.1	185.5	11.8	201.6	13.3	207.7	13.6	215.6	13.9	221.7	14.2
		43.1	157.3	8.5	170.3	9.9	185.5	11.6	201.6	13.0	207.7	13.4	215.6	13.7	221.7	13.9
		86.2	157.3	7.8	170.3	9.3	185.5	10.8	201.6	12.2	207.7	12.5	215.6	12.8	221.7	13.0
		107.8	157.3	7.6	170.3	9.1	185.5	10.6	201.6	12.0	207.7	12.2	215.6	12.6	221.7	12.7
		129.3	157.3	7.5	170.3	9.0	185.5	10.5	201.6	11.8	207.7	12.1	215.6	12.5	221.7	12.5
	113	34.5	157.3	10.0	170.3	11.7	185.5	13.6	201.6	15.3	207.7	15.7	215.6	16.0	221.7	16.4
		43.1	157.3	9.8	170.3	11.5	185.5	13.4	201.6	15.1	207.7	15.4	215.6	15.8	221.7	16.1
		86.2	157.3	9.1	170.3	10.8	185.5	12.5	201.6	14.1	207.7	14.4	215.6	14.8	221.7	15.1
		107.8	157.3	8.8	170.3	10.5	185.5	12.3	201.6	13.8	207.7	14.1	215.6	14.5	221.7	14.7
		129.3	157.3	8.7	170.3	10.4	185.5	12.1	201.6	13.7	207.7	14.0	215.6	14.4	221.7	14.4

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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COOLING CAPACITY DATA

ARWN337DAS4, ARWB337DAS4

336,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet water Temp. (°F)	Water flow rate [gpm]	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]
50	23	22.8	131.1	2.0	141.9	2.3	154.5	2.7	168.0	3.0	173.1	3.1	179.7	3.1	184.8	3.2
	32	25.5	131.1	2.0	141.9	2.3	154.5	2.7	168.0	3.0	173.1	3.1	179.7	3.1	184.8	3.2
	41	29.4	131.1	2.0	141.9	2.3	154.5	2.7	168.0	3.0	173.1	3.1	179.7	3.1	184.8	3.2
	50	34.5	131.1	2.0	141.9	2.3	154.5	2.7	168.0	3.0	173.1	3.1	179.7	3.1	184.8	3.2
		43.1	131.1	1.9	141.9	2.2	154.5	2.6	168.0	2.9	173.1	3.0	179.7	3.1	184.8	3.1
		86.2	131.1	1.8	141.9	2.1	154.5	2.5	168.0	2.8	173.1	2.9	179.7	2.9	184.8	2.9
		107.8	131.1	1.7	141.9	2.1	154.5	2.4	168.0	2.7	173.1	2.7	179.7	2.8	184.8	2.9
		129.3	131.1	1.7	141.9	2.1	154.5	2.4	168.0	2.7	173.1	2.7	179.7	2.8	184.8	2.8
	59	34.5	131.1	2.7	141.9	3.1	154.5	3.6	168.0	4.0	173.1	4.2	179.7	4.3	184.8	4.3
		43.1	131.1	2.6	141.9	3.0	154.5	3.6	168.0	4.0	173.1	4.1	179.7	4.2	184.8	4.3
		86.2	131.1	2.4	141.9	2.8	154.5	3.3	168.0	3.7	173.1	3.8	179.7	3.9	184.8	4.0
		107.8	131.1	2.3	141.9	2.8	154.5	3.3	168.0	3.7	173.1	3.7	179.7	3.8	184.8	3.9
		129.3	131.1	2.3	141.9	2.8	154.5	3.2	168.0	3.6	173.1	3.7	179.7	3.8	184.8	3.8
	67	34.5	131.1	3.3	141.9	3.8	154.5	4.4	168.0	5.0	173.1	5.1	179.7	5.2	184.8	5.3
		43.1	131.1	3.2	141.9	3.8	154.5	4.4	168.0	4.9	173.1	5.0	179.7	5.2	184.8	5.3
		86.2	131.1	3.0	141.9	3.5	154.5	4.1	168.0	4.6	173.1	4.7	179.7	4.8	184.8	4.9
		107.8	131.1	2.9	141.9	3.4	154.5	4.0	168.0	4.5	173.1	4.6	179.7	4.8	184.8	4.8
		129.3	131.1	2.8	141.9	3.4	154.5	4.0	168.0	4.5	173.1	4.6	179.7	4.7	184.8	4.7
	75	34.5	131.1	4.0	141.9	4.7	154.5	5.4	168.0	6.1	173.1	6.3	179.7	6.4	184.8	6.5
		43.1	131.1	3.9	141.9	4.6	154.5	5.3	168.0	6.0	173.1	6.2	179.7	6.3	184.8	6.4
		86.2	131.1	3.6	141.9	4.3	154.5	5.0	168.0	5.6	173.1	5.7	179.7	5.9	184.8	6.0
		107.8	131.1	3.5	141.9	4.2	154.5	4.9	168.0	5.5	173.1	5.6	179.7	5.8	184.8	5.9
		129.3	131.1	3.4	141.9	4.1	154.5	4.8	168.0	5.5	173.1	5.6	179.7	5.7	184.8	5.8
	86	34.5	131.1	4.9	141.9	5.7	154.5	6.7	168.0	7.5	173.1	7.7	179.7	7.9	184.8	8.0
		43.1	131.1	4.8	141.9	5.6	154.5	6.6	168.0	7.4	173.1	7.6	179.7	7.8	184.8	7.9
		86.2	131.1	4.4	141.9	5.3	154.5	6.1	168.0	6.9	173.1	7.1	179.7	7.3	184.8	7.4
		107.8	131.1	4.3	141.9	5.2	154.5	6.0	168.0	6.8	173.1	6.9	179.7	7.1	184.8	7.2
		129.3	131.1	4.3	141.9	5.1	154.5	6.0	168.0	6.7	173.1	6.9	179.7	7.0	184.8	7.1
	95	34.5	131.1	5.5	141.9	6.4	154.5	7.4	168.0	8.3	173.1	8.6	179.7	8.8	184.8	8.9
		43.1	131.1	5.4	141.9	6.3	154.5	7.3	168.0	8.2	173.1	8.4	179.7	8.6	184.8	8.8
		86.2	131.1	4.9	141.9	5.9	154.5	6.8	168.0	7.7	173.1	7.9	179.7	8.1	184.8	8.2
		107.8	131.1	4.8	141.9	5.7	154.5	6.7	168.0	7.5	173.1	7.7	179.7	7.9	184.8	8.0
		129.3	131.1	4.7	141.9	5.7	154.5	6.6	168.0	7.5	173.1	7.6	179.7	7.8	184.8	7.9
	104	34.5	131.1	6.5	141.9	7.5	154.5	8.8	168.0	9.9	173.1	10.1	179.7	10.4	184.8	10.6
		43.1	131.1	6.4	141.9	7.4	154.5	8.6	168.0	9.7	173.1	10.0	179.7	10.2	184.8	10.4
		86.2	131.1	5.8	141.9	6.9	154.5	8.1	168.0	9.1	173.1	9.3	179.7	9.6	184.8	9.7
		107.8	131.1	5.7	141.9	6.8	154.5	7.9	168.0	8.9	173.1	9.1	179.7	9.4	184.8	9.5
		129.3	131.1	5.6	141.9	6.7	154.5	7.8	168.0	8.8	173.1	9.1	179.7	9.3	184.8	9.3
	113	34.5	131.1	7.5	141.9	8.7	154.5	10.2	168.0	11.4	173.1	11.7	179.7	12.0	184.8	12.2
		43.1	131.1	7.4	141.9	8.6	154.5	10.0	168.0	11.3	173.1	11.5	179.7	11.8	184.8	12.0
		86.2	131.1	6.7	141.9	8.0	154.5	9.3	168.0	10.5	173.1	10.8	179.7	11.0	184.8	11.2
		107.8	131.1	6.6	141.9	7.8	154.5	9.2	168.0	10.3	173.1	10.6	179.7	10.8	184.8	10.9
		129.3	131.1	6.5	141.9	7.7	154.5	9.1	168.0	10.2	173.1	10.5	179.7	10.7	184.8	10.8

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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COOLING CAPACITY DATA

ARWN432DAS4, ARWB432DAS4
432,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet water Temp. (°F)	Water flow rate [gpm]	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]
130	23	28.2	401.5	8.2	434.9	9.6	473.3	11.2	514.5	12.5	530.1	12.8	550.6	13.2	566.2	13.4
	32	31.5	401.5	8.2	434.9	9.6	473.3	11.2	514.5	12.5	530.1	12.8	550.6	13.2	566.2	13.4
	41	36.3	401.5	8.2	434.9	9.6	473.3	11.2	514.5	12.5	530.1	12.8	550.6	13.2	566.2	13.4
	50	42.6	401.5	8.2	434.9	9.6	473.3	11.2	514.5	12.5	530.1	12.8	550.6	13.2	566.2	13.4
		53.3	401.5	8.0	434.9	9.4	473.3	11.0	514.5	12.3	530.1	12.6	550.6	13.0	566.2	13.2
		106.5	401.5	7.4	434.9	8.7	473.3	10.2	514.5	11.5	530.1	11.9	550.6	12.1	566.2	12.4
		133.1	401.5	7.2	434.9	8.6	473.3	10.0	514.5	11.3	530.1	11.6	550.6	11.9	566.2	12.1
		159.8	401.5	7.1	434.9	8.6	473.3	10.0	514.5	11.1	530.1	11.5	550.6	11.8	566.2	11.9
	59	42.6	395.1	10.8	427.8	12.6	465.9	14.6	506.4	16.4	521.7	16.8	541.8	17.3	557.1	17.6
		53.3	395.1	10.6	427.8	12.4	465.9	14.4	506.4	16.2	521.7	16.6	541.8	17.0	557.1	17.3
		106.5	395.1	9.7	427.8	11.5	465.9	13.4	506.4	15.1	521.7	15.5	541.8	15.9	557.1	16.3
		133.1	395.1	9.5	427.8	11.3	465.9	13.2	506.4	14.8	521.7	15.2	541.8	15.6	557.1	15.9
		159.8	395.1	9.4	427.8	11.2	465.9	13.0	506.4	14.7	521.7	15.1	541.8	15.5	557.1	15.7
	67	42.6	389.4	13.1	421.5	15.2	459.3	17.7	499.2	19.9	514.2	20.4	534.0	20.9	549.0	21.3
		53.3	389.4	12.8	421.5	15.0	459.3	17.4	499.2	19.6	514.2	20.1	534.0	20.6	549.0	21.0
		106.5	389.4	11.8	421.5	14.0	459.3	16.3	499.2	18.4	514.2	18.8	534.0	19.3	549.0	19.7
		133.1	389.4	11.5	421.5	13.7	459.3	16.0	499.2	18.0	514.2	18.4	534.0	18.9	549.0	19.3
		159.8	389.4	11.3	421.5	13.5	459.3	15.8	499.2	17.8	514.2	18.3	534.0	18.7	549.0	19.1
	75	42.6	389.4	16.2	421.5	18.7	459.3	21.8	499.2	24.6	514.2	25.2	534.0	25.8	549.0	26.2
		53.3	389.4	15.8	421.5	18.4	459.3	21.5	499.2	24.2	514.2	24.8	534.0	25.4	549.0	25.8
		106.5	389.4	14.6	421.5	17.3	459.3	20.1	499.2	22.6	514.2	23.2	534.0	23.8	549.0	24.3
		133.1	389.4	14.1	421.5	16.9	459.3	19.7	499.2	22.2	514.2	22.8	534.0	23.4	549.0	23.8
		159.8	389.4	13.9	421.5	16.7	459.3	19.5	499.2	22.0	514.2	22.5	534.0	23.1	549.0	23.5
	86	42.6	389.4	19.4	421.5	22.5	459.3	26.2	499.2	29.5	514.2	30.2	534.0	31.0	549.0	31.5
		53.3	389.4	19.0	421.5	22.1	459.3	25.8	499.2	29.1	514.2	29.8	534.0	30.5	549.0	31.0
		106.5	389.4	17.4	421.5	20.7	459.3	24.1	499.2	27.1	514.2	27.8	534.0	28.6	549.0	29.1
		133.1	389.4	17.0	421.5	20.3	459.3	23.6	499.2	26.6	514.2	27.3	534.0	28.0	549.0	28.5
		159.8	389.4	16.7	421.5	20.1	459.3	23.4	499.2	26.4	514.2	27.1	534.0	27.7	549.0	28.2
	95	42.6	350.4	19.6	379.5	22.8	413.1	26.5	449.1	29.8	462.6	30.6	480.6	31.3	494.1	31.8
		53.3	350.4	19.2	379.5	22.4	413.1	26.1	449.1	29.4	462.6	30.1	480.6	30.8	494.1	31.4
		106.5	350.4	17.7	379.5	20.9	413.1	24.4	449.1	27.5	462.6	28.1	480.6	28.9	494.1	29.5
		133.1	350.4	17.2	379.5	20.5	413.1	23.9	449.1	26.9	462.6	27.6	480.6	28.3	494.1	28.8
		159.8	350.4	16.9	379.5	20.3	413.1	23.6	449.1	26.6	462.6	27.4	480.6	28.0	494.1	28.4
	104	42.6	311.4	20.7	337.2	24.0	367.2	28.0	399.3	31.5	411.3	32.2	427.2	33.0	439.2	33.6
		53.3	311.4	20.3	337.2	23.6	367.2	27.5	399.3	31.0	411.3	31.7	427.2	32.5	439.2	33.1
		106.5	311.4	18.6	337.2	22.1	367.2	25.8	399.3	29.0	411.3	29.7	427.2	30.5	439.2	31.1
		133.1	311.4	18.1	337.2	21.6	367.2	25.2	399.3	28.4	411.3	29.1	427.2	29.9	439.2	30.4
		159.8	311.4	17.8	337.2	21.4	367.2	24.9	399.3	28.1	411.3	28.9	427.2	29.6	439.2	30.1
	113	42.6	272.4	21.8	294.9	25.2	321.3	29.4	349.5	33.1	360.0	33.8	373.8	34.7	384.3	35.4
		53.3	272.4	21.4	294.9	24.8	321.3	29.0	349.5	32.6	360.0	33.3	373.8	34.1	384.3	34.8
		106.5	272.4	19.6	294.9	23.3	321.3	27.1	349.5	30.5	360.0	31.3	373.8	32.1	384.3	32.7
		133.1	272.4	19.0	294.9	22.8	321.3	26.5	349.5	29.9	360.0	30.7	373.8	31.5	384.3	32.0
		159.8	272.4	18.7	294.9	22.5	321.3	26.2	349.5	29.6	360.0	30.4	373.8	31.1	384.3	31.7

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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COOLING CAPACITY DATA

ARWN432DAS4, ARWB432DAS4

432,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet water Temp. (°F)	Water flow rate [gpm]	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]
120	23	28.2	380.0	7.8	411.5	9.1	448.2	10.5	486.9	11.9	501.9	12.2	521.5	12.5	535.9	12.7
	32	31.5	380.0	7.8	411.5	9.1	448.2	10.5	486.9	11.9	501.9	12.2	521.5	12.5	535.9	12.7
	41	36.3	380.0	7.8	411.5	9.1	448.2	10.5	486.9	11.9	501.9	12.2	521.5	12.5	535.9	12.7
	50	42.6	380.0	7.8	411.5	9.1	448.2	10.5	486.9	11.9	501.9	12.2	521.5	12.5	535.9	12.7
		53.3	380.0	7.6	411.5	8.9	448.2	10.4	486.9	11.7	501.9	12.0	521.5	12.3	535.9	12.5
		106.5	380.0	7.0	411.5	8.4	448.2	9.7	486.9	10.9	501.9	11.2	521.5	11.5	535.9	11.7
		133.1	380.0	6.8	411.5	8.1	448.2	9.5	486.9	10.7	501.9	11.0	521.5	11.3	535.9	11.5
		159.8	380.0	6.7	411.5	8.0	448.2	9.4	486.9	10.5	501.9	10.9	521.5	11.1	535.9	11.3
	59	42.6	375.6	10.3	406.8	12.0	443.1	14.0	481.5	15.7	496.2	16.1	515.4	16.5	529.8	16.8
		53.3	375.6	10.1	406.8	11.8	443.1	13.7	481.5	15.5	496.2	15.9	515.4	16.3	529.8	16.5
		106.5	375.6	9.3	406.8	11.0	443.1	12.9	481.5	14.5	496.2	14.8	515.4	15.2	529.8	15.5
		133.1	375.6	9.0	406.8	10.8	443.1	12.6	481.5	14.2	496.2	14.6	515.4	14.9	529.8	15.2
		159.8	375.6	8.9	406.8	10.7	443.1	12.5	481.5	14.0	496.2	14.4	515.4	14.8	529.8	15.0
	67	42.6	371.7	12.6	402.6	14.6	438.6	17.0	476.7	19.2	491.1	19.6	510.0	20.1	524.4	20.4
		53.3	371.7	12.4	402.6	14.4	438.6	16.7	476.7	18.9	491.1	19.3	510.0	19.8	524.4	20.1
		106.5	371.7	11.4	402.6	13.4	438.6	15.7	476.7	17.7	491.1	18.1	510.0	18.6	524.4	18.9
		133.1	371.7	11.0	402.6	13.2	438.6	15.4	476.7	17.3	491.1	17.7	510.0	18.2	524.4	18.5
		159.8	371.7	10.9	402.6	13.0	438.6	15.2	476.7	17.1	491.1	17.6	510.0	18.0	524.4	18.3
	75	42.6	371.7	15.5	402.6	18.0	438.6	21.0	476.7	23.6	491.1	24.1	510.0	24.8	524.4	25.2
		53.3	371.7	15.2	402.6	17.7	438.6	20.6	476.7	23.2	491.1	23.8	510.0	24.4	524.4	24.8
		106.5	371.7	14.0	402.6	16.5	438.6	19.3	476.7	21.7	491.1	22.2	510.0	22.8	524.4	23.3
		133.1	371.7	13.6	402.6	16.2	438.6	18.9	476.7	21.3	491.1	21.8	510.0	22.4	524.4	22.7
		159.8	371.7	13.4	402.6	16.0	438.6	18.7	476.7	21.1	491.1	21.6	510.0	22.1	524.4	22.4
	86	42.6	371.7	18.7	402.6	21.8	438.6	25.3	476.7	28.5	491.1	29.2	510.0	29.9	524.4	30.4
		53.3	371.7	18.3	402.6	21.4	438.6	24.9	476.7	28.1	491.1	28.7	510.0	29.4	524.4	30.0
		106.5	371.7	16.9	402.6	20.0	438.6	23.3	476.7	26.2	491.1	26.9	510.0	27.6	524.4	28.1
		133.1	371.7	16.4	402.6	19.6	438.6	22.8	476.7	25.7	491.1	26.4	510.0	27.1	524.4	27.4
		159.8	371.7	16.2	402.6	19.4	438.6	22.6	476.7	25.4	491.1	26.1	510.0	26.8	524.4	27.1
	95	42.6	340.2	19.2	368.4	22.3	401.4	26.0	436.2	29.2	449.4	29.9	466.8	30.6	480.0	31.2
		53.3	340.2	18.8	368.4	21.9	401.4	25.5	436.2	28.8	449.4	29.4	466.8	30.1	480.0	30.7
		106.5	340.2	17.3	368.4	20.5	401.4	23.9	436.2	26.9	449.4	27.5	466.8	28.3	480.0	28.8
		133.1	340.2	16.8	368.4	20.1	401.4	23.4	436.2	26.4	449.4	27.0	466.8	27.7	480.0	28.1
		159.8	340.2	16.5	368.4	19.8	401.4	23.2	436.2	26.1	449.4	26.8	466.8	27.4	480.0	27.8
	104	42.6	308.7	20.6	334.2	24.0	364.2	27.9	395.7	31.4	407.7	32.2	423.6	33.0	435.3	33.6
		53.3	308.7	20.2	334.2	23.6	364.2	27.5	395.7	30.9	407.7	31.7	423.6	32.5	435.3	33.1
		106.5	308.7	18.6	334.2	22.1	364.2	25.7	395.7	28.9	407.7	29.6	423.6	30.4	435.3	31.0
		133.1	308.7	18.1	334.2	21.6	364.2	25.2	395.7	28.4	407.7	29.1	423.6	29.8	435.3	30.3
		159.8	308.7	17.8	334.2	21.3	364.2	24.9	395.7	28.1	407.7	28.8	423.6	29.6	435.3	29.9
	113	42.6	277.2	22.1	300.0	25.6	327.0	29.9	355.2	33.6	366.0	34.4	380.4	35.3	390.6	36.0
		53.3	277.2	21.7	300.0	25.2	327.0	29.4	355.2	33.1	366.0	33.9	380.4	34.8	390.6	35.4
		106.5	277.2	20.0	300.0	23.6	327.0	27.5	355.2	31.0	366.0	31.7	380.4	32.5	390.6	33.2
		133.1	277.2	19.4	300.0	23.1	327.0	27.0	355.2	30.4	366.0	31.2	380.4	32.0	390.6	32.4
		159.8	277.2	19.1	300.0	22.8	327.0	26.7	355.2	30.1	366.0	30.9	380.4	31.7	390.6	32.0

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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COOLING CAPACITY DATA

ARWN432DAS4, ARWB432DAS4

432,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet water Temp. (°F)	Water flow rate [gpm]	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]
110	23	28.2	358.8	7.4	388.2	8.5	423.0	10.0	459.6	11.2	473.1	11.4	491.4	11.8	505.5	12.0
	32	31.5	358.8	7.4	388.2	8.5	423.0	10.0	459.6	11.2	473.1	11.4	491.4	11.8	505.5	12.0
	41	36.3	358.8	7.4	388.2	8.5	423.0	10.0	459.6	11.2	473.1	11.4	491.4	11.8	505.5	12.0
	50	42.6	358.8	7.4	388.2	8.5	423.0	10.0	459.6	11.2	473.1	11.4	491.4	11.8	505.5	12.0
		53.3	358.8	7.2	388.2	8.4	423.0	9.8	459.6	11.0	473.1	11.3	491.4	11.6	505.5	11.8
		106.5	358.8	6.6	388.2	7.8	423.0	9.1	459.6	10.3	473.1	10.6	491.4	10.9	505.5	11.0
		133.1	358.8	6.5	388.2	7.7	423.0	8.9	459.6	10.1	473.1	10.3	491.4	10.6	505.5	10.8
		159.8	358.8	6.4	388.2	7.6	423.0	8.8	459.6	10.1	473.1	10.2	491.4	10.5	505.5	10.6
	59	42.6	356.4	9.9	385.8	11.5	420.3	13.4	456.9	15.0	470.4	15.4	488.7	15.8	502.5	16.0
		53.3	356.4	9.7	385.8	11.3	420.3	13.1	456.9	14.8	470.4	15.1	488.7	15.5	502.5	15.8
		106.5	356.4	8.9	385.8	10.5	420.3	12.3	456.9	13.8	470.4	14.2	488.7	14.5	502.5	14.8
		133.1	356.4	8.7	385.8	10.3	420.3	12.0	456.9	13.6	470.4	13.9	488.7	14.3	502.5	14.4
		159.8	356.4	8.5	385.8	10.2	420.3	11.9	456.9	13.4	470.4	13.7	488.7	14.1	502.5	14.3
	67	42.6	354.3	12.1	383.7	14.1	417.9	16.4	454.5	18.4	468.0	18.9	486.3	19.3	499.8	19.7
		53.3	354.3	11.8	383.7	13.8	417.9	16.1	454.5	18.1	468.0	18.6	486.3	19.0	499.8	19.4
		106.5	354.3	10.9	383.7	12.9	417.9	15.1	454.5	17.0	468.0	17.4	486.3	17.8	499.8	18.1
		133.1	354.3	10.6	383.7	12.7	417.9	14.7	454.5	16.6	468.0	17.1	486.3	17.5	499.8	17.7
		159.8	354.3	10.5	383.7	12.5	417.9	14.6	454.5	16.4	468.0	16.9	486.3	17.3	499.8	17.5
	75	42.6	354.3	14.8	383.7	17.2	417.9	20.0	454.5	22.5	468.0	23.1	486.3	23.6	499.8	24.1
		53.3	354.3	14.5	383.7	16.9	417.9	19.7	454.5	22.2	468.0	22.7	486.3	23.3	499.8	23.7
		106.5	354.3	13.4	383.7	15.8	417.9	18.4	454.5	20.7	468.0	21.3	486.3	21.8	499.8	22.2
		133.1	354.3	13.0	383.7	15.5	417.9	18.1	454.5	20.4	468.0	20.8	486.3	21.4	499.8	21.7
		159.8	354.3	12.8	383.7	15.3	417.9	17.9	454.5	20.2	468.0	20.6	486.3	21.2	499.8	21.4
	86	42.6	354.3	18.0	383.7	21.0	417.9	24.4	454.5	27.5	468.0	28.2	486.3	28.8	499.8	29.3
		53.3	354.3	17.7	383.7	20.6	417.9	24.0	454.5	27.1	468.0	27.7	486.3	28.4	499.8	28.9
		106.5	354.3	16.3	383.7	19.3	417.9	22.4	454.5	25.3	468.0	25.9	486.3	26.6	499.8	27.1
		133.1	354.3	15.8	383.7	18.9	417.9	22.0	454.5	24.8	468.0	25.4	486.3	26.1	499.8	26.4
		159.8	354.3	15.6	383.7	18.7	417.9	21.8	454.5	24.6	468.0	25.1	486.3	25.8	499.8	26.1
	95	42.6	330.3	18.8	357.6	21.8	389.4	25.4	423.3	28.6	435.9	29.3	453.0	30.0	465.6	30.5
		53.3	330.3	18.4	357.6	21.4	389.4	25.0	423.3	28.1	435.9	28.8	453.0	29.5	465.6	30.1
		106.5	330.3	16.9	357.6	20.1	389.4	23.4	423.3	26.3	435.9	26.9	453.0	27.6	465.6	28.1
		133.1	330.3	16.4	357.6	19.6	389.4	22.9	423.3	25.8	435.9	26.4	453.0	27.1	465.6	27.4
		159.8	330.3	16.2	357.6	19.4	389.4	22.6	423.3	25.5	435.9	26.2	453.0	26.8	465.6	27.1
	104	42.6	306.0	20.6	331.5	24.0	360.9	27.9	392.4	31.4	404.1	32.1	419.7	32.9	431.4	33.5
		53.3	306.0	20.2	331.5	23.6	360.9	27.4	392.4	30.9	404.1	31.6	419.7	32.4	431.4	33.0
		106.5	306.0	18.6	331.5	22.0	360.9	25.7	392.4	28.9	404.1	29.6	419.7	30.4	431.4	30.9
		133.1	306.0	18.1	331.5	21.5	360.9	25.1	392.4	28.3	404.1	29.1	419.7	29.8	431.4	30.1
		159.8	306.0	17.8	331.5	21.3	360.9	24.9	392.4	28.0	404.1	28.8	419.7	29.5	431.4	29.8
	113	42.6	281.7	22.4	305.4	26.1	332.4	30.4	361.5	34.2	372.3	35.0	386.4	35.9	397.2	36.5
		53.3	281.7	22.0	305.4	25.7	332.4	29.9	361.5	33.6	372.3	34.5	386.4	35.3	397.2	36.0
		106.5	281.7	20.2	305.4	24.0	332.4	28.0	361.5	31.5	372.3	32.2	386.4	33.1	397.2	33.7
		133.1	281.7	19.7	305.4	23.4	332.4	27.4	361.5	30.8	372.3	31.7	386.4	32.5	397.2	32.8
		159.8	281.7	19.4	305.4	23.2	332.4	27.1	361.5	30.5	372.3	31.4	386.4	32.2	397.2	32.4

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

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COOLING CAPACITY DATA

ARWN432DAS4, ARWB432DAS4

432,000 Btu/h, 460V Heat Pump and Heat Recovery Units

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			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]
100	23	28.2	336.9	7.0	364.8	8.1	397.5	9.3	432.0	10.6	444.9	10.7	462.3	11.1	475.2	11.3
	32	31.5	336.9	7.0	364.8	8.1	397.5	9.3	432.0	10.6	444.9	10.7	462.3	11.1	475.2	11.3
	41	36.3	336.9	7.0	364.8	8.1	397.5	9.3	432.0	10.6	444.9	10.7	462.3	11.1	475.2	11.3
	50	42.6	336.9	7.0	364.8	8.1	397.5	9.3	432.0	10.6	444.9	10.7	462.3	11.1	475.2	11.3
		53.3	336.9	6.8	364.8	8.0	397.5	9.2	432.0	10.4	444.9	10.6	462.3	10.9	475.2	11.1
		106.5	336.9	6.3	364.8	7.4	397.5	8.6	432.0	9.8	444.9	10.0	462.3	10.2	475.2	10.4
		133.1	336.9	6.1	364.8	7.2	397.5	8.4	432.0	9.5	444.9	9.7	462.3	10.0	475.2	10.1
		159.8	336.9	6.0	364.8	7.2	397.5	8.3	432.0	9.4	444.9	9.6	462.3	9.9	475.2	9.9
	59	42.6	336.9	9.4	364.8	10.9	397.5	12.7	432.0	14.3	444.9	14.6	462.3	15.0	475.2	15.3
		53.3	336.9	9.2	364.8	10.7	397.5	12.5	432.0	14.1	444.9	14.4	462.3	14.8	475.2	15.1
		106.5	336.9	8.5	364.8	10.0	397.5	11.7	432.0	13.2	444.9	13.5	462.3	13.8	475.2	14.1
		133.1	336.9	8.2	364.8	9.8	397.5	11.4	432.0	12.9	444.9	13.2	462.3	13.6	475.2	13.7
		159.8	336.9	8.1	364.8	9.7	397.5	11.3	432.0	12.8	444.9	13.1	462.3	13.4	475.2	13.5
	67	42.6	336.9	11.6	364.8	13.4	397.5	15.7	432.0	17.6	444.9	18.1	462.3	18.5	475.2	18.8
		53.3	336.9	11.4	364.8	13.2	397.5	15.4	432.0	17.4	444.9	17.8	462.3	18.2	475.2	18.5
		106.5	336.9	10.4	364.8	12.4	397.5	14.4	432.0	16.2	444.9	16.6	462.3	17.1	475.2	17.4
		133.1	336.9	10.1	364.8	12.1	397.5	14.1	432.0	15.9	444.9	16.3	462.3	16.7	475.2	16.9
		159.8	336.9	10.0	364.8	12.0	397.5	14.0	432.0	15.8	444.9	16.2	462.3	16.6	475.2	16.7
	75	42.6	336.9	14.1	364.8	16.4	397.5	19.1	432.0	21.5	444.9	22.1	462.3	22.6	475.2	23.0
		53.3	336.9	13.8	364.8	16.1	397.5	18.8	432.0	21.2	444.9	21.7	462.3	22.2	475.2	22.6
		106.5	336.9	12.7	364.8	15.1	397.5	17.6	432.0	19.8	444.9	20.3	462.3	20.8	475.2	21.2
		133.1	336.9	12.4	364.8	14.8	397.5	17.2	432.0	19.4	444.9	19.9	462.3	20.4	475.2	20.6
		159.8	336.9	12.2	364.8	14.6	397.5	17.1	432.0	19.2	444.9	19.7	462.3	20.2	475.2	20.3
	86	42.6	336.9	17.3	364.8	20.2	397.5	23.5	432.0	26.5	444.9	27.1	462.3	27.8	475.2	28.3
		53.3	336.9	17.0	364.8	19.9	397.5	23.1	432.0	26.1	444.9	26.7	462.3	27.3	475.2	27.8
		106.5	336.9	15.7	364.8	18.6	397.5	21.6	432.0	24.4	444.9	24.9	462.3	25.6	475.2	26.1
		133.1	336.9	15.2	364.8	18.2	397.5	21.2	432.0	23.9	444.9	24.5	462.3	25.1	475.2	25.4
		159.8	336.9	15.0	364.8	18.0	397.5	21.0	432.0	23.6	444.9	24.3	462.3	24.9	475.2	25.0
	95	42.6	320.1	18.3	346.8	21.3	377.7	24.8	410.4	27.9	422.7	28.6	439.2	29.3	451.5	29.8
		53.3	320.1	18.0	346.8	21.0	377.7	24.4	410.4	27.5	422.7	28.1	439.2	28.8	451.5	29.4
		106.5	320.1	16.5	346.8	19.6	377.7	22.8	410.4	25.7	422.7	26.3	439.2	27.0	451.5	27.5
		133.1	320.1	16.1	346.8	19.2	377.7	22.4	410.4	25.2	422.7	25.8	439.2	26.5	451.5	26.8
		159.8	320.1	15.9	346.8	19.0	377.7	22.1	410.4	25.0	422.7	25.6	439.2	26.2	451.5	26.4
	104	42.6	303.3	20.6	328.5	23.9	357.6	27.9	388.8	31.3	400.5	32.1	416.1	32.9	427.8	33.5
		53.3	303.3	20.2	328.5	23.5	357.6	27.4	388.8	30.8	400.5	31.6	416.1	32.4	427.8	32.9
		106.5	303.3	18.5	328.5	22.0	357.6	25.6	388.8	28.8	400.5	29.5	416.1	30.3	427.8	30.8
		133.1	303.3	18.1	328.5	21.5	357.6	25.1	388.8	28.3	400.5	29.0	416.1	29.7	427.8	30.0
		159.8	303.3	17.8	328.5	21.3	357.6	24.8	388.8	28.0	400.5	28.7	416.1	29.4	427.8	29.6
	113	42.6	286.5	22.9	310.2	26.5	337.5	30.9	367.2	34.8	378.3	35.6	393.0	36.5	404.1	37.1
		53.3	286.5	22.4	310.2	26.1	337.5	30.4	367.2	34.2	378.3	35.0	393.0	35.9	404.1	36.5
		106.5	286.5	20.5	310.2	24.4	337.5	28.4	367.2	32.0	378.3	32.8	393.0	33.5	404.1	34.2
		133.1	286.5	20.0	310.2	23.9	337.5	27.8	367.2	31.3	378.3	32.1	393.0	32.9	404.1	33.3
		159.8	286.5	19.7	310.2	23.6	337.5	27.6	367.2	31.0	378.3	31.8	393.0	32.6	404.1	32.8

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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COOLING CAPACITY DATA

ARWN432DAS4, ARWB432DAS4

432,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet water Temp. (°F)	Water flow rate [gpm]	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]
90	23	28.2	303.3	5.9	328.5	6.9	357.6	8.0	388.8	9.1	400.5	9.3	416.1	9.4	427.8	9.7
	32	31.5	303.3	5.9	328.5	6.9	357.6	8.0	388.8	9.1	400.5	9.3	416.1	9.4	427.8	9.7
	41	36.3	303.3	5.9	328.5	6.9	357.6	8.0	388.8	9.1	400.5	9.3	416.1	9.4	427.8	9.7
	50	42.6	303.3	5.9	328.5	6.9	357.6	8.0	388.8	9.1	400.5	9.3	416.1	9.4	427.8	9.7
		53.3	303.3	5.8	328.5	6.8	357.6	7.9	388.8	9.0	400.5	9.1	416.1	9.3	427.8	9.6
		106.5	303.3	5.4	328.5	6.4	357.6	7.4	388.8	8.4	400.5	8.6	416.1	8.8	427.8	9.0
		133.1	303.3	5.2	328.5	6.2	357.6	7.3	388.8	8.2	400.5	8.4	416.1	8.7	427.8	8.7
		159.8	303.3	5.1	328.5	6.1	357.6	7.2	388.8	8.0	400.5	8.3	416.1	8.6	427.8	8.5
	59	42.6	303.3	8.1	328.5	9.4	357.6	10.9	388.8	12.3	400.5	12.6	416.1	12.9	427.8	13.2
		53.3	303.3	7.9	328.5	9.2	357.6	10.7	388.8	12.1	400.5	12.4	416.1	12.7	427.8	13.0
		106.5	303.3	7.3	328.5	8.7	357.6	10.0	388.8	11.4	400.5	11.6	416.1	11.9	427.8	12.1
		133.1	303.3	7.1	328.5	8.4	357.6	9.9	388.8	11.1	400.5	11.4	416.1	11.7	427.8	11.8
		159.8	303.3	7.0	328.5	8.3	357.6	9.8	388.8	11.0	400.5	11.3	416.1	11.6	427.8	11.6
	67	42.6	303.3	10.0	328.5	11.6	357.6	13.5	388.8	15.2	400.5	15.6	416.1	16.0	427.8	16.2
		53.3	303.3	9.8	328.5	11.4	357.6	13.3	388.8	15.0	400.5	15.3	416.1	15.7	427.8	16.0
		106.5	303.3	9.0	328.5	10.7	357.6	12.4	388.8	14.0	400.5	14.3	416.1	14.7	427.8	15.0
		133.1	303.3	8.7	328.5	10.4	357.6	12.2	388.8	13.7	400.5	14.1	416.1	14.4	427.8	14.6
		159.8	303.3	8.6	328.5	10.3	357.6	12.1	388.8	13.6	400.5	13.9	416.1	14.3	427.8	14.4
	75	42.6	303.3	12.2	328.5	14.2	357.6	16.4	388.8	18.5	400.5	19.0	416.1	19.4	427.8	19.8
		53.3	303.3	11.9	328.5	13.9	357.6	16.2	388.8	18.2	400.5	18.7	416.1	19.1	427.8	19.5
		106.5	303.3	11.0	328.5	13.0	357.6	15.1	388.8	17.1	400.5	17.4	416.1	17.9	427.8	18.2
		133.1	303.3	10.7	328.5	12.7	357.6	14.8	388.8	16.7	400.5	17.1	416.1	17.6	427.8	17.7
		159.8	303.3	10.5	328.5	12.5	357.6	14.7	388.8	16.5	400.5	17.0	416.1	17.4	427.8	17.5
	86	42.6	303.3	15.0	328.5	17.4	357.6	20.3	388.8	22.8	400.5	23.3	416.1	23.9	427.8	24.4
		53.3	303.3	14.7	328.5	17.1	357.6	19.9	388.8	22.4	400.5	23.0	416.1	23.5	427.8	24.0
		106.5	303.3	13.5	328.5	16.0	357.6	18.6	388.8	21.0	400.5	21.5	416.1	22.0	427.8	22.4
		133.1	303.3	13.1	328.5	15.7	357.6	18.2	388.8	20.6	400.5	21.1	416.1	21.6	427.8	21.8
		159.8	303.3	12.9	328.5	15.5	357.6	18.0	388.8	20.4	400.5	20.8	416.1	21.4	427.8	21.6
	95	42.6	294.9	16.2	319.2	18.8	347.7	21.8	378.0	24.6	389.4	25.2	404.4	25.8	415.8	26.3
		53.3	294.9	15.8	319.2	18.4	347.7	21.5	378.0	24.2	389.4	24.8	404.4	25.4	415.8	25.8
		106.5	294.9	14.5	319.2	17.2	347.7	20.1	378.0	22.6	389.4	23.1	404.4	23.8	415.8	24.2
		133.1	294.9	14.1	319.2	16.9	347.7	19.7	378.0	22.2	389.4	22.8	404.4	23.3	415.8	23.5
		159.8	294.9	13.9	319.2	16.7	347.7	19.4	378.0	22.0	389.4	22.6	404.4	23.1	415.8	23.2
	104	42.6	286.5	18.6	310.2	21.5	337.8	25.1	367.2	28.3	378.3	28.9	393.0	29.6	403.8	30.1
		53.3	286.5	18.2	310.2	21.2	337.8	24.7	367.2	27.8	378.3	28.4	393.0	29.1	403.8	29.7
		106.5	286.5	16.7	310.2	19.8	337.8	23.1	367.2	26.0	378.3	26.6	393.0	27.3	403.8	27.8
		133.1	286.5	16.2	310.2	19.4	337.8	22.6	367.2	25.5	378.3	26.1	393.0	26.8	403.8	27.1
		159.8	286.5	16.0	310.2	19.2	337.8	22.4	367.2	25.2	378.3	25.8	393.0	26.6	403.8	26.7
	113	42.6	278.1	20.9	301.2	24.3	327.9	28.3	356.4	31.9	367.2	32.7	381.6	33.5	391.8	34.0
		53.3	278.1	20.5	301.2	23.9	327.9	27.8	356.4	31.4	367.2	32.1	381.6	32.9	391.8	33.5
		106.5	278.1	18.9	301.2	22.4	327.9	26.1	356.4	29.3	367.2	30.1	381.6	30.8	391.8	31.4
		133.1	278.1	18.3	301.2	21.9	327.9	25.6	356.4	28.8	367.2	29.4	381.6	30.3	391.8	30.6
		159.8	278.1	18.0	301.2	21.7	327.9	25.3	356.4	28.5	367.2	29.1	381.6	30.0	391.8	30.2

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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COOLING CAPACITY DATA

ARWN432DAS4, ARWB432DAS4

432,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet water Temp. (°F)	Water flow rate [gpm]	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]
80	23	28.2	269.7	5.1	291.9	5.8	318.0	6.7	345.6	7.7	356.1	7.8	369.9	8.0	380.1	8.1
	32	31.5	269.7	5.1	291.9	5.8	318.0	6.7	345.6	7.7	356.1	7.8	369.9	8.0	380.1	8.1
	41	36.3	269.7	5.1	291.9	5.8	318.0	6.7	345.6	7.7	356.1	7.8	369.9	8.0	380.1	8.1
	50	42.6	269.7	5.1	291.9	5.8	318.0	6.7	345.6	7.7	356.1	7.8	369.9	8.0	380.1	8.1
		53.3	269.7	4.9	291.9	5.7	318.0	6.6	345.6	7.5	356.1	7.7	369.9	7.9	380.1	7.9
		106.5	269.7	4.5	291.9	5.4	318.0	6.2	345.6	7.0	356.1	7.2	369.9	7.3	380.1	7.4
		133.1	269.7	4.4	291.9	5.2	318.0	6.1	345.6	6.9	356.1	7.0	369.9	7.2	380.1	7.3
		159.8	269.7	4.4	291.9	5.1	318.0	6.0	345.6	6.8	356.1	6.9	369.9	7.1	380.1	7.2
	59	42.6	269.7	6.8	291.9	7.9	318.0	9.1	345.6	10.4	356.1	10.6	369.9	10.8	380.1	11.0
		53.3	269.7	6.7	291.9	7.7	318.0	9.0	345.6	10.2	356.1	10.4	369.9	10.7	380.1	10.8
		106.5	269.7	6.1	291.9	7.3	318.0	8.4	345.6	9.5	356.1	9.7	369.9	10.0	380.1	10.1
		133.1	269.7	6.0	291.9	7.1	318.0	8.3	345.6	9.3	356.1	9.5	369.9	9.8	380.1	9.9
		159.8	269.7	5.9	291.9	7.0	318.0	8.2	345.6	9.2	356.1	9.4	369.9	9.7	380.1	9.7
	67	42.6	269.7	8.3	291.9	9.7	318.0	11.3	345.6	12.7	356.1	13.0	369.9	13.3	380.1	13.6
		53.3	269.7	8.2	291.9	9.6	318.0	11.1	345.6	12.5	356.1	12.8	369.9	13.1	380.1	13.4
		106.5	269.7	7.5	291.9	8.9	318.0	10.4	345.6	11.7	356.1	12.0	369.9	12.3	380.1	12.5
		133.1	269.7	7.3	291.9	8.7	318.0	10.2	345.6	11.5	356.1	11.8	369.9	12.1	380.1	12.2
		159.8	269.7	7.2	291.9	8.7	318.0	10.1	345.6	11.4	356.1	11.7	369.9	12.0	380.1	12.0
	75	42.6	269.7	10.2	291.9	11.9	318.0	13.8	345.6	15.5	356.1	15.9	369.9	16.3	380.1	16.6
		53.3	269.7	10.0	291.9	11.7	318.0	13.6	345.6	15.3	356.1	15.7	369.9	16.1	380.1	16.3
		106.5	269.7	9.2	291.9	10.9	318.0	12.7	345.6	14.3	356.1	14.6	369.9	15.0	380.1	15.3
		133.1	269.7	8.9	291.9	10.7	318.0	12.4	345.6	14.0	356.1	14.4	369.9	14.7	380.1	14.9
		159.8	269.7	8.8	291.9	10.5	318.0	12.3	345.6	13.9	356.1	14.2	369.9	14.6	380.1	14.7
	86	42.6	269.7	12.5	291.9	14.5	318.0	17.0	345.6	19.1	356.1	19.5	369.9	20.0	380.1	20.4
		53.3	269.7	12.3	291.9	14.3	318.0	16.7	345.6	18.8	356.1	19.2	369.9	19.7	380.1	20.1
		106.5	269.7	11.3	291.9	13.4	318.0	15.6	345.6	17.6	356.1	18.0	369.9	18.4	380.1	18.8
		133.1	269.7	11.0	291.9	13.1	318.0	15.3	345.6	17.2	356.1	17.7	369.9	18.1	380.1	18.3
		159.8	269.7	10.9	291.9	12.9	318.0	15.1	345.6	17.1	356.1	17.5	369.9	17.9	380.1	18.1
	95	42.6	269.7	13.9	291.9	16.2	318.0	18.8	345.6	21.2	356.1	21.8	369.9	22.3	380.1	22.7
		53.3	269.7	13.7	291.9	15.9	318.0	18.5	345.6	20.9	356.1	21.4	369.9	21.9	380.1	22.3
		106.5	269.7	12.6	291.9	14.9	318.0	17.4	345.6	19.5	356.1	20.0	369.9	20.5	380.1	20.9
		133.1	269.7	12.2	291.9	14.6	318.0	17.0	345.6	19.1	356.1	19.6	369.9	20.1	380.1	20.3
		159.8	269.7	12.0	291.9	14.4	318.0	16.8	345.6	18.9	356.1	19.4	369.9	20.0	380.1	20.0
	104	42.6	269.7	16.5	291.9	19.2	318.0	22.3	345.6	25.2	356.1	25.7	369.9	26.4	380.1	26.8
		53.3	269.7	16.2	291.9	18.9	318.0	22.0	345.6	24.8	356.1	25.3	369.9	26.0	380.1	26.4
		106.5	269.7	14.9	291.9	17.6	318.0	20.5	345.6	23.1	356.1	23.7	369.9	24.3	380.1	24.7
		133.1	269.7	14.4	291.9	17.3	318.0	20.1	345.6	22.7	356.1	23.2	369.9	23.8	380.1	24.1
		159.8	269.7	14.2	291.9	17.1	318.0	19.9	345.6	22.4	356.1	23.0	369.9	23.6	380.1	23.7
	113	42.6	269.7	19.1	291.9	22.2	318.0	25.8	345.6	29.1	356.1	29.7	369.9	30.5	380.1	31.0
		53.3	269.7	18.7	291.9	21.8	318.0	25.4	345.6	28.6	356.1	29.2	369.9	30.0	380.1	30.5
		106.5	269.7	17.2	291.9	20.4	318.0	23.7	345.6	26.8	356.1	27.3	369.9	28.1	380.1	28.5
		133.1	269.7	16.7	291.9	20.0	318.0	23.2	345.6	26.2	356.1	26.8	369.9	27.5	380.1	27.8
		159.8	269.7	16.4	291.9	19.8	318.0	22.9	345.6	25.9	356.1	26.6	369.9	27.3	380.1	27.4

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

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COOLING CAPACITY DATA

ARWN432DAS4, ARWB432DAS4

432,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet water Temp. (°F)	Water flow rate [gpm]	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]
70	23	28.2	235.8	4.1	255.3	4.8	278.1	5.6	302.4	6.3	311.4	6.5	323.7	6.7	332.7	6.7
	32	31.5	235.8	4.1	255.3	4.8	278.1	5.6	302.4	6.3	311.4	6.5	323.7	6.7	332.7	6.7
	41	36.3	235.8	4.1	255.3	4.8	278.1	5.6	302.4	6.3	311.4	6.5	323.7	6.7	332.7	6.7
	50	42.6	235.8	4.1	255.3	4.8	278.1	5.6	302.4	6.3	311.4	6.5	323.7	6.7	332.7	6.7
		53.3	235.8	4.1	255.3	4.7	278.1	5.5	302.4	6.2	311.4	6.4	323.7	6.6	332.7	6.6
		106.5	235.8	3.8	255.3	4.4	278.1	5.1	302.4	5.9	311.4	6.0	323.7	6.2	332.7	6.2
		133.1	235.8	3.7	255.3	4.3	278.1	5.1	302.4	5.7	311.4	5.8	323.7	6.0	332.7	6.1
		159.8	235.8	3.6	255.3	4.3	278.1	5.0	302.4	5.6	311.4	5.7	323.7	5.9	332.7	6.0
	59	42.6	235.8	5.6	255.3	6.5	278.1	7.6	302.4	8.6	311.4	8.8	323.7	9.0	332.7	9.1
		53.3	235.8	5.5	255.3	6.4	278.1	7.5	302.4	8.4	311.4	8.7	323.7	8.9	332.7	9.0
		106.5	235.8	5.1	255.3	6.0	278.1	7.0	302.4	7.9	311.4	8.1	323.7	8.3	332.7	8.4
		133.1	235.8	5.0	255.3	5.9	278.1	6.9	302.4	7.7	311.4	7.9	323.7	8.1	332.7	8.2
		159.8	235.8	4.9	255.3	5.8	278.1	6.8	302.4	7.7	311.4	7.8	323.7	8.0	332.7	8.1
	67	42.6	235.8	7.0	255.3	8.1	278.1	9.4	302.4	10.6	311.4	10.8	323.7	11.1	332.7	11.3
		53.3	235.8	6.8	255.3	8.0	278.1	9.3	302.4	10.4	311.4	10.7	323.7	10.9	332.7	11.1
		106.5	235.8	6.3	255.3	7.4	278.1	8.7	302.4	9.7	311.4	10.0	323.7	10.2	332.7	10.4
		133.1	235.8	6.1	255.3	7.3	278.1	8.5	302.4	9.6	311.4	9.8	323.7	10.0	332.7	10.1
		159.8	235.8	6.0	255.3	7.2	278.1	8.4	302.4	9.5	311.4	9.7	323.7	10.0	332.7	10.0
	75	42.6	235.8	8.5	255.3	9.9	278.1	11.4	302.4	12.9	311.4	13.2	323.7	13.5	332.7	13.8
		53.3	235.8	8.3	255.3	9.7	278.1	11.3	302.4	12.7	311.4	13.0	323.7	13.3	332.7	13.6
		106.5	235.8	7.7	255.3	9.0	278.1	10.6	302.4	11.9	311.4	12.2	323.7	12.5	332.7	12.7
		133.1	235.8	7.4	255.3	8.9	278.1	10.4	302.4	11.7	311.4	11.9	323.7	12.2	332.7	12.4
		159.8	235.8	7.3	255.3	8.8	278.1	10.2	302.4	11.5	311.4	11.8	323.7	12.1	332.7	12.2
	86	42.6	235.8	10.4	255.3	12.1	278.1	14.1	302.4	15.9	311.4	16.3	323.7	16.7	332.7	17.0
		53.3	235.8	10.2	255.3	11.9	278.1	13.9	302.4	15.6	311.4	16.0	323.7	16.4	332.7	16.7
		106.5	235.8	9.4	255.3	11.1	278.1	13.0	302.4	14.6	311.4	15.0	323.7	15.4	332.7	15.6
		133.1	235.8	9.1	255.3	10.9	278.1	12.7	302.4	14.3	311.4	14.7	323.7	15.1	332.7	15.2
		159.8	235.8	9.0	255.3	10.8	278.1	12.6	302.4	14.2	311.4	14.6	323.7	14.9	332.7	15.0
	95	42.6	235.8	11.6	255.3	13.4	278.1	15.7	302.4	17.6	311.4	18.1	323.7	18.5	332.7	18.8
		53.3	235.8	11.4	255.3	13.2	278.1	15.4	302.4	17.4	311.4	17.8	323.7	18.2	332.7	18.5
		106.5	235.8	10.4	255.3	12.4	278.1	14.4	302.4	16.2	311.4	16.6	323.7	17.1	332.7	17.4
		133.1	235.8	10.1	255.3	12.1	278.1	14.1	302.4	15.9	311.4	16.3	323.7	16.7	332.7	16.9
		159.8	235.8	10.0	255.3	11.9	278.1	14.0	302.4	15.8	311.4	16.2	323.7	16.6	332.7	16.7
	104	42.6	235.8	13.7	255.3	15.9	278.1	18.6	302.4	20.9	311.4	21.4	323.7	21.9	332.7	22.3
		53.3	235.8	13.4	255.3	15.7	278.1	18.3	302.4	20.6	311.4	21.1	323.7	21.6	332.7	22.0
		106.5	235.8	12.4	255.3	14.7	278.1	17.1	302.4	19.2	311.4	19.7	323.7	20.2	332.7	20.6
		133.1	235.8	12.0	255.3	14.4	278.1	16.7	302.4	18.8	311.4	19.3	323.7	19.8	332.7	20.0
		159.8	235.8	11.8	255.3	14.2	278.1	16.5	302.4	18.6	311.4	19.1	323.7	19.7	332.7	19.7
	113	42.6	235.8	15.8	255.3	18.4	278.1	21.4	302.4	24.2	311.4	24.7	323.7	25.3	332.7	25.8
		53.3	235.8	15.5	255.3	18.1	278.1	21.1	302.4	23.8	311.4	24.3	323.7	24.9	332.7	25.4
		106.5	235.8	14.3	255.3	16.9	278.1	19.8	302.4	22.2	311.4	22.8	323.7	23.3	332.7	23.8
		133.1	235.8	13.9	255.3	16.6	278.1	19.3	302.4	21.8	311.4	22.3	323.7	22.9	332.7	23.1
		159.8	235.8	13.7	255.3	16.5	278.1	19.0	302.4	21.5	311.4	22.1	323.7	22.7	332.7	22.7

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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COOLING CAPACITY DATA

ARWN432DAS4, ARWB432DAS4

432,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet water Temp. (°F)	Water flow rate [gpm]	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]
60	23	28.2	202.2	3.3	219.0	3.8	238.5	4.4	259.2	5.1	267.0	5.2	277.2	5.3	285.0	5.3
	32	31.5	202.2	3.3	219.0	3.8	238.5	4.4	259.2	5.1	267.0	5.2	277.2	5.3	285.0	5.3
	41	36.3	202.2	3.3	219.0	3.8	238.5	4.4	259.2	5.1	267.0	5.2	277.2	5.3	285.0	5.3
	50	42.6	202.2	3.3	219.0	3.8	238.5	4.4	259.2	5.1	267.0	5.2	277.2	5.3	285.0	5.3
		53.3	202.2	3.2	219.0	3.8	238.5	4.3	259.2	5.0	267.0	5.1	277.2	5.2	285.0	5.3
		106.5	202.2	3.0	219.0	3.5	238.5	4.1	259.2	4.6	267.0	4.7	277.2	4.9	285.0	5.0
		133.1	202.2	2.8	219.0	3.5	238.5	4.1	259.2	4.6	267.0	4.6	277.2	4.8	285.0	4.9
		159.8	202.2	2.8	219.0	3.5	238.5	4.0	259.2	4.5	267.0	4.6	277.2	4.7	285.0	4.8
	59	42.6	202.2	4.5	219.0	5.2	238.5	6.0	259.2	6.9	267.0	7.0	277.2	7.2	285.0	7.3
		53.3	202.2	4.4	219.0	5.1	238.5	6.0	259.2	6.7	267.0	6.9	277.2	7.0	285.0	7.2
		106.5	202.2	4.0	219.0	4.8	238.5	5.6	259.2	6.3	267.0	6.4	277.2	6.6	285.0	6.7
		133.1	202.2	3.9	219.0	4.7	238.5	5.5	259.2	6.2	267.0	6.3	277.2	6.5	285.0	6.6
		159.8	202.2	3.8	219.0	4.7	238.5	5.4	259.2	6.1	267.0	6.2	277.2	6.4	285.0	6.5
	67	42.6	202.2	5.5	219.0	6.5	238.5	7.5	259.2	8.4	267.0	8.7	277.2	8.8	285.0	9.0
		53.3	202.2	5.4	219.0	6.4	238.5	7.4	259.2	8.3	267.0	8.5	277.2	8.7	285.0	8.9
		106.5	202.2	5.0	219.0	5.9	238.5	6.9	259.2	7.8	267.0	8.0	277.2	8.1	285.0	8.3
		133.1	202.2	4.9	219.0	5.8	238.5	6.7	259.2	7.6	267.0	7.8	277.2	8.0	285.0	8.1
		159.8	202.2	4.8	219.0	5.7	238.5	6.7	259.2	7.5	267.0	7.7	277.2	7.9	285.0	8.0
	75	42.6	202.2	6.7	219.0	7.9	238.5	9.2	259.2	10.3	267.0	10.5	277.2	10.8	285.0	11.0
		53.3	202.2	6.6	219.0	7.7	238.5	9.0	259.2	10.1	267.0	10.4	277.2	10.6	285.0	10.8
		106.5	202.2	6.1	219.0	7.2	238.5	8.4	259.2	9.5	267.0	9.7	277.2	10.0	285.0	10.1
		133.1	202.2	5.9	219.0	7.0	238.5	8.2	259.2	9.3	267.0	9.5	277.2	9.7	285.0	9.9
		159.8	202.2	5.8	219.0	7.0	238.5	8.1	259.2	9.2	267.0	9.4	277.2	9.6	285.0	9.7
	86	42.6	202.2	8.3	219.0	9.6	238.5	11.2	259.2	12.6	267.0	13.0	277.2	13.3	285.0	13.5
		53.3	202.2	8.1	219.0	9.5	238.5	11.0	259.2	12.4	267.0	12.7	277.2	13.1	285.0	13.3
		106.5	202.2	7.5	219.0	8.9	238.5	10.4	259.2	11.7	267.0	11.9	277.2	12.2	285.0	12.4
		133.1	202.2	7.3	219.0	8.7	238.5	10.1	259.2	11.4	267.0	11.7	277.2	12.0	285.0	12.1
		159.8	202.2	7.2	219.0	8.6	238.5	10.0	259.2	11.3	267.0	11.6	277.2	11.9	285.0	12.0
	95	42.6	202.2	9.2	219.0	10.7	238.5	12.5	259.2	14.1	267.0	14.4	277.2	14.8	285.0	15.0
		53.3	202.2	9.0	219.0	10.6	238.5	12.3	259.2	13.8	267.0	14.2	277.2	14.5	285.0	14.8
		106.5	202.2	8.3	219.0	9.9	238.5	11.5	259.2	13.0	267.0	13.3	277.2	13.6	285.0	13.8
		133.1	202.2	8.1	219.0	9.7	238.5	11.3	259.2	12.7	267.0	13.0	277.2	13.4	285.0	13.5
		159.8	202.2	8.0	219.0	9.5	238.5	11.2	259.2	12.6	267.0	12.9	277.2	13.2	285.0	13.3
	104	42.6	202.2	10.9	219.0	12.7	238.5	14.8	259.2	16.7	267.0	17.1	277.2	17.5	285.0	17.8
		53.3	202.2	10.7	219.0	12.5	238.5	14.6	259.2	16.4	267.0	16.8	277.2	17.2	285.0	17.5
		106.5	202.2	9.9	219.0	11.7	238.5	13.6	259.2	15.3	267.0	15.7	277.2	16.1	285.0	16.4
		133.1	202.2	9.6	219.0	11.4	238.5	13.4	259.2	15.0	267.0	15.4	277.2	15.8	285.0	16.0
		159.8	202.2	9.4	219.0	11.3	238.5	13.2	259.2	14.9	267.0	15.2	277.2	15.6	285.0	15.7
	113	42.6	202.2	12.6	219.0	14.6	238.5	17.1	259.2	19.3	267.0	19.7	277.2	20.1	285.0	20.6
		53.3	202.2	12.4	219.0	14.4	238.5	16.8	259.2	19.0	267.0	19.4	277.2	19.8	285.0	20.3
		106.5	202.2	11.4	219.0	13.5	238.5	15.7	259.2	17.7	267.0	18.1	277.2	18.6	285.0	19.0
		133.1	202.2	11.0	219.0	13.2	238.5	15.4	259.2	17.3	267.0	17.8	277.2	18.2	285.0	18.4
		159.8	202.2	10.9	219.0	13.1	238.5	15.3	259.2	17.1	267.0	17.6	277.2	18.0	285.0	18.2

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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COOLING CAPACITY DATA

ARWN432DAS4, ARWB432DAS4

432,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet water Temp. (°F)	Water flow rate [gpm]	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]
50	23	28.2	168.6	2.4	182.4	2.8	198.6	3.4	216.0	3.7	222.6	3.8	231.0	4.0	237.6	4.0
	32	31.5	168.6	2.4	182.4	2.8	198.6	3.4	216.0	3.7	222.6	3.8	231.0	4.0	237.6	4.0
	41	36.3	168.6	2.4	182.4	2.8	198.6	3.4	216.0	3.7	222.6	3.8	231.0	4.0	237.6	4.0
	50	42.6	168.6	2.4	182.4	2.8	198.6	3.4	216.0	3.7	222.6	3.8	231.0	4.0	237.6	4.0
		53.3	168.6	2.4	182.4	2.8	198.6	3.4	216.0	3.7	222.6	3.8	231.0	3.9	237.6	3.9
		106.5	168.6	2.2	182.4	2.6	198.6	3.1	216.0	3.5	222.6	3.6	231.0	3.6	237.6	3.7
		133.1	168.6	2.1	182.4	2.6	198.6	3.0	216.0	3.4	222.6	3.4	231.0	3.6	237.6	3.6
		159.8	168.6	2.1	182.4	2.6	198.6	3.0	216.0	3.3	222.6	3.3	231.0	3.5	237.6	3.5
	59	42.6	168.6	3.3	182.4	3.9	198.6	4.6	216.0	5.1	222.6	5.2	231.0	5.4	237.6	5.4
		53.3	168.6	3.3	182.4	3.8	198.6	4.5	216.0	5.0	222.6	5.1	231.0	5.3	237.6	5.4
		106.5	168.6	3.0	182.4	3.6	198.6	4.2	216.0	4.7	222.6	4.8	231.0	4.9	237.6	5.0
		133.1	168.6	2.9	182.4	3.5	198.6	4.1	216.0	4.6	222.6	4.7	231.0	4.8	237.6	4.9
		159.8	168.6	2.9	182.4	3.5	198.6	4.0	216.0	4.6	222.6	4.6	231.0	4.8	237.6	4.8
	67	42.6	168.6	4.1	182.4	4.8	198.6	5.6	216.0	6.3	222.6	6.5	231.0	6.6	237.6	6.7
		53.3	168.6	4.0	182.4	4.7	198.6	5.5	216.0	6.2	222.6	6.4	231.0	6.5	237.6	6.6
		106.5	168.6	3.7	182.4	4.4	198.6	5.1	216.0	5.8	222.6	5.9	231.0	6.1	237.6	6.2
		133.1	168.6	3.6	182.4	4.3	198.6	5.0	216.0	5.7	222.6	5.8	231.0	6.0	237.6	6.0
		159.8	168.6	3.5	182.4	4.3	198.6	5.0	216.0	5.7	222.6	5.8	231.0	5.9	237.6	6.0
	75	42.6	168.6	5.0	182.4	5.8	198.6	6.8	216.0	7.7	222.6	7.9	231.0	8.0	237.6	8.2
		53.3	168.6	4.9	182.4	5.7	198.6	6.7	216.0	7.6	222.6	7.7	231.0	7.9	237.6	8.0
		106.5	168.6	4.5	182.4	5.4	198.6	6.3	216.0	7.0	222.6	7.2	231.0	7.4	237.6	7.6
		133.1	168.6	4.4	182.4	5.3	198.6	6.1	216.0	6.9	222.6	7.1	231.0	7.3	237.6	7.4
		159.8	168.6	4.3	182.4	5.2	198.6	6.1	216.0	6.9	222.6	7.0	231.0	7.2	237.6	7.2
	86	42.6	168.6	6.2	182.4	7.2	198.6	8.4	216.0	9.5	222.6	9.7	231.0	9.9	237.6	10.1
		53.3	168.6	6.1	182.4	7.1	198.6	8.3	216.0	9.3	222.6	9.5	231.0	9.7	237.6	9.9
		106.5	168.6	5.6	182.4	6.6	198.6	7.7	216.0	8.7	222.6	8.9	231.0	9.1	237.6	9.3
		133.1	168.6	5.4	182.4	6.5	198.6	7.6	216.0	8.5	222.6	8.7	231.0	9.0	237.6	9.0
		159.8	168.6	5.4	182.4	6.4	198.6	7.5	216.0	8.4	222.6	8.7	231.0	8.9	237.6	8.9
	95	42.6	168.6	6.9	182.4	8.0	198.6	9.3	216.0	10.5	222.6	10.7	231.0	11.0	237.6	11.2
		53.3	168.6	6.7	182.4	7.9	198.6	9.2	216.0	10.3	222.6	10.6	231.0	10.8	237.6	11.0
		106.5	168.6	6.2	182.4	7.4	198.6	8.6	216.0	9.7	222.6	9.9	231.0	10.1	237.6	10.3
		133.1	168.6	6.0	182.4	7.2	198.6	8.4	216.0	9.5	222.6	9.7	231.0	10.0	237.6	10.0
		159.8	168.6	6.0	182.4	7.2	198.6	8.3	216.0	9.4	222.6	9.6	231.0	9.9	237.6	9.9
	104	42.6	168.6	8.2	182.4	9.5	198.6	11.1	216.0	12.4	222.6	12.7	231.0	13.0	237.6	13.3
		53.3	168.6	8.0	182.4	9.3	198.6	10.9	216.0	12.2	222.6	12.5	231.0	12.8	237.6	13.1
		106.5	168.6	7.4	182.4	8.7	198.6	10.1	216.0	11.4	222.6	11.7	231.0	12.0	237.6	12.2
		133.1	168.6	7.1	182.4	8.5	198.6	10.0	216.0	11.2	222.6	11.5	231.0	11.8	237.6	11.9
		159.8	168.6	7.0	182.4	8.4	198.6	9.9	216.0	11.1	222.6	11.4	231.0	11.7	237.6	11.7
	113	42.6	168.6	9.5	182.4	10.9	198.6	12.8	216.0	14.4	222.6	14.7	231.0	15.1	237.6	15.3
		53.3	168.6	9.3	182.4	10.7	198.6	12.6	216.0	14.1	222.6	14.5	231.0	14.8	237.6	15.1
		106.5	168.6	8.5	182.4	10.0	198.6	11.7	216.0	13.2	222.6	13.5	231.0	13.9	237.6	14.1
		133.1	168.6	8.2	182.4	9.8	198.6	11.5	216.0	13.0	222.6	13.3	231.0	13.6	237.6	13.7
		159.8	168.6	8.1	182.4	9.7	198.6	11.4	216.0	12.8	222.6	13.1	231.0	13.5	237.6	13.5

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

Due to our policy of continuous product innovation, some specifications may change without notification.
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COOLING CAPACITY DATA

ARWN480DAS4, ARWB480DAS4

480,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
130	23	32.1	446.1	9.23	483.3	10.81	526.0	12.59	571.7	14.13	589.0	14.47	611.7	14.90	629.1	15.13
	32	36.0	446.1	9.23	483.3	10.81	526.0	12.59	571.7	14.13	589.0	14.47	611.7	14.90	629.1	15.13
	41	41.4	446.1	9.23	483.3	10.81	526.0	12.59	571.7	14.13	589.0	14.47	611.7	14.90	629.1	15.13
	50	48.7	446.1	9.23	483.3	10.81	526.0	12.59	571.7	14.13	589.0	14.47	611.7	14.90	629.1	15.13
		60.9	446.1	9.08	483.3	10.62	526.0	12.39	571.7	13.92	589.0	14.24	611.7	14.65	629.1	14.90
		121.7	446.1	8.40	483.3	9.89	526.0	11.54	571.7	13.01	589.0	13.37	611.7	13.67	629.1	13.97
		152.1	446.1	8.15	483.3	9.71	526.0	11.34	571.7	12.72	589.0	13.09	611.7	13.43	629.1	13.63
		182.6	446.1	8.03	483.3	9.62	526.0	11.23	571.7	12.58	589.0	12.94	611.7	13.29	629.1	13.45
	59	48.7	439.0	12.16	475.3	14.18	517.7	16.52	562.7	18.57	579.7	19.01	602.0	19.50	619.0	19.84
		60.9	439.0	11.93	475.3	13.95	517.7	16.25	562.7	18.27	579.7	18.70	602.0	19.20	619.0	19.54
		121.7	439.0	11.00	475.3	13.02	517.7	15.18	562.7	17.10	579.7	17.54	602.0	17.99	619.0	18.35
		152.1	439.0	10.70	475.3	12.76	517.7	14.87	562.7	16.74	579.7	17.20	602.0	17.64	619.0	17.92
		182.6	439.0	10.55	475.3	12.62	517.7	14.73	562.7	16.57	579.7	17.01	602.0	17.44	619.0	17.72
	67	48.7	432.7	14.78	468.3	17.18	510.3	20.01	554.7	22.52	571.3	23.06	593.3	23.59	610.0	24.03
		60.9	432.7	14.48	468.3	16.90	510.3	19.68	554.7	22.15	571.3	22.69	593.3	23.24	610.0	23.67
		121.7	432.7	13.31	468.3	15.80	510.3	18.42	554.7	20.72	571.3	21.22	593.3	21.81	610.0	22.25
		152.1	432.7	12.97	468.3	15.47	510.3	18.02	554.7	20.32	571.3	20.83	593.3	21.37	610.0	21.75
		182.6	432.7	12.80	468.3	15.31	510.3	17.83	554.7	20.11	571.3	20.63	593.3	21.14	610.0	21.50
	75	48.7	432.7	18.23	468.3	21.18	510.3	24.67	554.7	27.80	571.3	28.44	593.3	29.13	610.0	29.61
		60.9	432.7	17.88	468.3	20.83	510.3	24.26	554.7	27.36	571.3	27.99	593.3	28.69	610.0	29.17
		121.7	432.7	16.45	468.3	19.49	510.3	22.69	554.7	25.55	571.3	26.18	593.3	26.90	610.0	27.41
		152.1	432.7	15.96	468.3	19.07	510.3	22.24	554.7	25.06	571.3	25.69	593.3	26.38	610.0	26.82
		182.6	432.7	15.72	468.3	18.84	510.3	22.00	554.7	24.80	571.3	25.46	593.3	26.12	610.0	26.51
	86	48.7	432.7	21.90	468.3	25.40	510.3	29.60	554.7	33.36	571.3	34.14	593.3	34.97	610.0	35.56
		60.9	432.7	21.46	468.3	25.00	510.3	29.13	554.7	32.82	571.3	33.60	593.3	34.41	610.0	35.02
		121.7	432.7	19.69	468.3	23.37	510.3	27.24	554.7	30.65	571.3	31.43	593.3	32.26	610.0	32.91
		152.1	432.7	19.16	468.3	22.89	510.3	26.67	554.7	30.05	571.3	30.85	593.3	31.63	610.0	32.17
		182.6	432.7	18.87	468.3	22.62	510.3	26.40	554.7	29.77	571.3	30.55	593.3	31.30	610.0	31.79
	95	48.7	389.3	22.10	421.7	25.70	459.0	29.95	499.0	33.68	514.0	34.53	534.0	35.36	549.0	35.94
		60.9	389.3	21.66	421.7	25.29	459.0	29.47	499.0	33.16	514.0	33.97	534.0	34.80	549.0	35.40
		121.7	389.3	19.94	421.7	23.63	459.0	27.53	499.0	31.01	514.0	31.77	534.0	32.62	549.0	33.29
		152.1	389.3	19.39	421.7	23.13	459.0	26.96	499.0	30.41	514.0	31.19	534.0	31.98	549.0	32.52
		182.6	389.3	19.12	421.7	22.88	459.0	26.67	499.0	30.09	514.0	30.89	534.0	31.66	549.0	32.13
	104	48.7	346.0	23.36	374.7	27.09	408.0	31.59	443.7	35.55	457.0	36.38	474.7	37.26	488.0	37.94
		60.9	346.0	22.89	374.7	26.65	408.0	31.08	443.7	34.97	457.0	35.80	474.7	36.68	488.0	37.36
		121.7	346.0	21.03	374.7	24.95	408.0	29.06	443.7	32.72	457.0	33.53	474.7	34.41	488.0	35.11
		152.1	346.0	20.43	374.7	24.41	408.0	28.44	443.7	32.07	457.0	32.91	474.7	33.74	488.0	34.33
		182.6	346.0	20.13	374.7	24.15	408.0	28.12	443.7	31.73	457.0	32.59	474.7	33.41	488.0	33.93
	113	48.7	302.7	24.59	327.7	28.48	357.0	33.20	388.3	37.41	400.0	38.22	415.3	39.15	427.0	39.94
		60.9	302.7	24.09	327.7	28.04	357.0	32.69	388.3	36.81	400.0	37.64	415.3	38.56	427.0	39.33
		121.7	302.7	22.12	327.7	26.26	357.0	30.59	388.3	34.40	400.0	35.31	415.3	36.22	427.0	36.91
		152.1	302.7	21.48	327.7	25.68	357.0	29.91	388.3	33.73	400.0	34.62	415.3	35.50	427.0	36.12
		182.6	302.7	21.16	327.7	25.41	357.0	29.57	388.3	33.40	400.0	34.28	415.3	35.14	427.0	35.73
120	23	32.1	422.3	8.81	457.3	10.25	498.0	11.88	541.0	13.40	557.7	13.78	579.4	14.10	595.4	14.31
	32	36.0	422.3	8.81	457.3	10.25	498.0	11.88	541.0	13.40	557.7	13.78	579.4	14.10	595.4	14.31
	41	41.4	422.3	8.81	457.3	10.25	498.0	11.88	541.0	13.40	557.7	13.78	579.4	14.10	595.4	14.31
	50	48.7	422.3	8.81	457.3	10.25	498.0	11.88	541.0	13.40	557.7	13.78	579.4	14.10	595.4	14.31
		60.9	422.3	8.63	457.3	10.08	498.0	11.71	541.0	13.19	557.7	13.53	579.4	13.87	595.4	14.10
		121.7	422.3	7.91	457.3	9.43	498.0	11.00	541.0	12.32	557.7	12.61	579.4	12.95	595.4	13.22
		152.1	422.3	7.69	457.3	9.15	498.0	10.74	541.0	12.05	557.7	12.41	579.4	12.73	595.4	12.94
		182.6	422.3	7.56	457.3	9.00	498.0	10.61	541.0	11.93	557.7	12.31	579.4	12.62	595.4	12.80
	59	48.7	417.3	11.68	452.0	13.57	492.3	15.78	535.0	17.79	551.3	18.21	572.7	18.65	588.7	18.95
		60.9	417.3	11.44	452.0	13.34	492.3	15.52	535.0	17.49	551.3	17.91	572.7	18.35	588.7	18.67
		121.7	417.3	10.50	452.0	12.47	492.3	14.53	535.0	16.35	551.3	16.74	572.7	17.20	588.7	17.54
		152.1	417.3	10.22	452.0	12.19	492.3	14.24	535.0	16.02	551.3	16.45	572.7	16.85	588.7	17.13
		182.6	417.3	10.07	452.0	12.03	492.3	14.08	535.0	15.86	551.3	16.29	572.7	16.69	588.7	16.93
	67	48.7	413.0	14.22	447.3	16.52	487.3	19.22	529.7	21.67	545.7	22.16	566.7	22.69	582.7	23.10
		60.9	413.0	13.95	447.3	16.25	487.3	18.91	529.7	21.31	545.7	21.81	566.7	22.35	582.7	22.74
		121.7	413.0	12.81	447.3	15.18	487.3	17.68	529.7	19.94	545.7	20.42	566.7	20.95	582.7	21.36
		152.1	413.0	12.47	447.3	14.87	487.3	17.34	529.7	19.54	545.7	20.04	566.7	20.53	582.7	20.85
		182.6	413.0	12.30	447.3	14.73	487.3	17.17	529.7	19.33	545.7	19.85	566.7	20.32	582.7	20.61

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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COOLING CAPACITY DATA

ARWN480DAS4, ARWB480DAS4

480,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
120	75	48.7	413.0	17.47	447.3	20.31	487.3	23.65	529.7	26.60	545.7	27.26	566.7	27.92	582.7	28.41
		60.9	413.0	17.13	447.3	19.98	487.3	23.26	529.7	26.18	545.7	26.82	566.7	27.49	582.7	27.99
		121.7	413.0	15.75	447.3	18.66	487.3	21.75	529.7	24.51	545.7	25.09	566.7	25.74	582.7	26.27
		152.1	413.0	15.31	447.3	18.27	487.3	21.31	529.7	24.01	545.7	24.60	566.7	25.24	582.7	25.63
		182.6	413.0	15.10	447.3	18.09	487.3	21.10	529.7	23.77	545.7	24.37	566.7	25.00	582.7	25.30
	86	48.7	413.0	21.10	447.3	24.56	487.3	28.61	529.7	32.19	545.7	32.94	566.7	33.76	582.7	34.36
		60.9	413.0	20.67	447.3	24.15	487.3	28.14	529.7	31.66	545.7	32.42	566.7	33.24	582.7	33.82
		121.7	413.0	19.05	447.3	22.58	487.3	26.28	529.7	29.61	545.7	30.34	566.7	31.12	582.7	31.74
		152.1	413.0	18.51	447.3	22.11	487.3	25.74	529.7	29.03	545.7	29.77	566.7	30.54	582.7	30.99
		182.6	413.0	18.25	447.3	21.85	487.3	25.48	529.7	28.73	545.7	29.48	566.7	30.24	582.7	30.62
	95	48.7	378.0	21.65	409.3	25.16	446.0	29.29	484.7	32.99	499.3	33.80	518.7	34.59	533.3	35.21
		60.9	378.0	21.21	409.3	24.75	446.0	28.82	484.7	32.45	499.3	33.25	518.7	34.05	533.3	34.67
		121.7	378.0	19.50	409.3	23.13	446.0	26.95	484.7	30.34	499.3	31.09	518.7	31.92	533.3	32.52
		152.1	378.0	18.97	409.3	22.64	446.0	26.41	484.7	29.76	499.3	30.50	518.7	31.29	533.3	31.76
		182.6	378.0	18.70	409.3	22.40	446.0	26.14	484.7	29.46	499.3	30.23	518.7	30.96	533.3	31.38
	104	48.7	343.0	23.30	371.3	27.06	404.7	31.54	439.7	35.50	453.0	36.35	470.7	37.23	483.7	37.90
		60.9	343.0	22.83	371.3	26.62	404.7	31.03	439.7	34.93	453.0	35.77	470.7	36.65	483.7	37.32
		121.7	343.0	21.02	371.3	24.90	404.7	29.01	439.7	32.65	453.0	33.44	470.7	34.34	483.7	35.01
		152.1	343.0	20.42	371.3	24.36	404.7	28.43	439.7	32.02	453.0	32.85	470.7	33.69	483.7	34.18
		182.6	343.0	20.11	371.3	24.09	404.7	28.13	439.7	31.71	453.0	32.54	470.7	33.36	483.7	33.77
	113	48.7	308.0	24.94	333.3	28.96	363.3	33.80	394.7	37.99	406.7	38.90	422.7	39.87	434.0	40.60
		60.9	308.0	24.46	333.3	28.49	363.3	33.25	394.7	37.38	406.7	38.29	422.7	39.25	434.0	39.97
		121.7	308.0	22.53	333.3	26.67	363.3	31.08	394.7	34.96	406.7	35.82	422.7	36.76	434.0	37.50
		152.1	308.0	21.88	333.3	26.08	363.3	30.43	394.7	34.29	406.7	35.19	422.7	36.10	434.0	36.60
		182.6	308.0	21.55	333.3	25.78	363.3	30.12	394.7	33.96	406.7	34.87	422.7	35.76	434.0	36.14
110	23	32.1	398.7	8.30	431.3	9.63	470.0	11.26	510.7	12.64	525.7	12.93	546.0	13.30	561.7	13.53
	32	36.0	398.7	8.30	431.3	9.63	470.0	11.26	510.7	12.64	525.7	12.93	546.0	13.30	561.7	13.53
	41	41.4	398.7	8.30	431.3	9.63	470.0	11.26	510.7	12.64	525.7	12.93	546.0	13.30	561.7	13.53
	50	48.7	398.7	8.30	431.3	9.63	470.0	11.26	510.7	12.64	525.7	12.93	546.0	13.30	561.7	13.53
		60.9	398.7	8.13	431.3	9.46	470.0	11.06	510.7	12.43	525.7	12.75	546.0	13.08	561.7	13.32
		121.7	398.7	7.48	431.3	8.86	470.0	10.34	510.7	11.64	525.7	11.98	546.0	12.26	561.7	12.46
		152.1	398.7	7.27	431.3	8.68	470.0	10.08	510.7	11.45	525.7	11.66	546.0	12.02	561.7	12.15
		182.6	398.7	7.17	431.3	8.59	470.0	9.97	510.7	11.35	525.7	11.51	546.0	11.89	561.7	11.99
	59	48.7	396.0	11.12	428.7	12.93	467.0	15.06	507.7	16.97	522.7	17.37	543.0	17.80	558.3	18.12
		60.9	396.0	10.91	428.7	12.73	467.0	14.83	507.7	16.69	522.7	17.10	543.0	17.53	558.3	17.83
		121.7	396.0	10.03	428.7	11.90	467.0	13.86	507.7	15.60	522.7	16.01	543.0	16.40	558.3	16.71
		152.1	396.0	9.77	428.7	11.65	467.0	13.55	507.7	15.31	522.7	15.68	543.0	16.11	558.3	16.29
		182.6	396.0	9.63	428.7	11.52	467.0	13.41	507.7	15.17	522.7	15.50	543.0	15.95	558.3	16.10
	67	48.7	393.7	13.63	426.3	15.87	464.3	18.45	505.0	20.82	520.0	21.29	540.3	21.81	555.3	22.21
		60.9	393.7	13.36	426.3	15.60	464.3	18.17	505.0	20.48	520.0	20.95	540.3	21.47	555.3	21.84
		121.7	393.7	12.30	426.3	14.60	464.3	17.00	505.0	19.15	520.0	19.60	540.3	20.09	555.3	20.48
		152.1	393.7	11.98	426.3	14.29	464.3	16.65	505.0	18.76	520.0	19.23	540.3	19.73	555.3	19.98
		182.6	393.7	11.81	426.3	14.14	464.3	16.45	505.0	18.56	520.0	19.05	540.3	19.56	555.3	19.73
	75	48.7	393.7	16.68	426.3	19.41	464.3	22.60	505.0	25.47	520.0	26.06	540.3	26.69	555.3	27.19
		60.9	393.7	16.36	426.3	19.10	464.3	22.25	505.0	25.06	520.0	25.65	540.3	26.28	555.3	26.75
		121.7	393.7	15.07	426.3	17.87	464.3	20.82	505.0	23.44	520.0	24.01	540.3	24.60	555.3	25.08
		152.1	393.7	14.64	426.3	17.47	464.3	20.38	505.0	22.98	520.0	23.53	540.3	24.15	555.3	24.45
		182.6	393.7	14.44	426.3	17.28	464.3	20.15	505.0	22.75	520.0	23.28	540.3	23.94	555.3	24.14
	86	48.7	393.7	20.34	426.3	23.67	464.3	27.57	505.0	31.04	520.0	31.80	540.3	32.53	555.3	33.13
		60.9	393.7	19.96	426.3	23.27	464.3	27.11	505.0	30.54	520.0	31.29	540.3	32.02	555.3	32.62
		121.7	393.7	18.35	426.3	21.76	464.3	25.34	505.0	28.54	520.0	29.26	540.3	30.00	555.3	30.55
		152.1	393.7	17.87	426.3	21.31	464.3	24.85	505.0	28.00	520.0	28.69	540.3	29.43	555.3	29.81
		182.6	393.7	17.60	426.3	21.09	464.3	24.59	505.0	27.71	520.0	28.39	540.3	29.14	555.3	29.43
	95	48.7	367.0	21.19	397.3	24.62	432.7	28.65	470.3	32.29	484.3	33.04	503.3	33.84	517.3	34.46
		60.9	367.0	20.76	397.3	24.22	432.7	28.18	470.3	31.76	484.3	32.51	503.3	33.30	517.3	33.92
		121.7	367.0	19.10	397.3	22.62	432.7	26.38	470.3	29.70	484.3	30.41	503.3	31.19	517.3	31.77
		152.1	367.0	18.56	397.3	22.15	432.7	25.83	470.3	29.11	484.3	29.86	503.3	30.59	517.3	30.99
		182.6	367.0	18.29	397.3	21.92	432.7	25.55	470.3	28.81	484.3	29.59	503.3	30.31	517.3	30.59

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

Due to our policy of continuous product innovation, some specifications may change without notification.
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COOLING CAPACITY DATA

ARWN480DAS4, ARWB480DAS4

480,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
110	104	48.7	340.0	23.25	368.3	27.05	401.0	31.49	436.0	35.43	449.0	36.28	466.3	37.16	479.3	37.85
		60.9	340.0	22.80	368.3	26.61	401.0	30.98	436.0	34.88	449.0	35.71	466.3	36.58	479.3	37.27
		121.7	340.0	20.97	368.3	24.87	401.0	28.98	436.0	32.62	449.0	33.40	466.3	34.28	479.3	34.91
		152.1	340.0	20.38	368.3	24.33	401.0	28.38	436.0	31.97	449.0	32.80	466.3	33.63	479.3	34.03
		182.6	340.0	20.08	368.3	24.06	401.0	28.08	436.0	31.64	449.0	32.50	466.3	33.31	479.3	33.60
	113	48.7	313.0	25.34	339.3	29.49	369.3	34.33	401.7	38.59	413.7	39.54	429.3	40.51	441.3	41.25
		60.9	313.0	24.83	339.3	29.00	369.3	33.78	401.7	37.98	413.7	38.90	429.3	39.87	441.3	40.60
		121.7	313.0	22.83	339.3	27.09	369.3	31.56	401.7	35.52	413.7	36.39	429.3	37.36	441.3	38.05
		152.1	313.0	22.18	339.3	26.50	369.3	30.95	401.7	34.83	413.7	35.75	429.3	36.67	441.3	37.08
		182.6	313.0	21.87	339.3	26.20	369.3	30.62	401.7	34.48	413.7	35.41	429.3	36.32	441.3	36.58
100	23	32.1	374.3	7.86	405.3	9.13	441.7	10.55	480.0	11.96	494.3	12.17	513.7	12.54	528.0	12.74
	32	36.0	374.3	7.86	405.3	9.13	441.7	10.55	480.0	11.96	494.3	12.17	513.7	12.54	528.0	12.74
	41	41.4	374.3	7.86	405.3	9.13	441.7	10.55	480.0	11.96	494.3	12.17	513.7	12.54	528.0	12.74
	50	48.7	374.3	7.86	405.3	9.13	441.7	10.55	480.0	11.96	494.3	12.17	513.7	12.54	528.0	12.74
		60.9	374.3	7.69	405.3	8.97	441.7	10.37	480.0	11.75	494.3	11.98	513.7	12.33	528.0	12.54
		121.7	374.3	7.07	405.3	8.38	441.7	9.71	480.0	10.99	494.3	11.23	513.7	11.50	528.0	11.73
		152.1	374.3	6.83	405.3	8.17	441.7	9.52	480.0	10.75	494.3	11.02	513.7	11.27	528.0	11.38
		182.6	374.3	6.72	405.3	8.06	441.7	9.43	480.0	10.64	494.3	10.90	513.7	11.17	528.0	11.20
	59	48.7	374.3	10.63	405.3	12.33	441.7	14.34	480.0	16.16	494.3	16.54	513.7	16.97	528.0	17.26
		60.9	374.3	10.40	405.3	12.12	441.7	14.10	480.0	15.91	494.3	16.27	513.7	16.69	528.0	16.99
		121.7	374.3	9.58	405.3	11.34	441.7	13.20	480.0	14.87	494.3	15.23	513.7	15.60	528.0	15.90
		152.1	374.3	9.28	405.3	11.10	441.7	12.92	480.0	14.58	494.3	14.94	513.7	15.31	528.0	15.47
		182.6	374.3	9.14	405.3	10.97	441.7	12.79	480.0	14.42	494.3	14.78	513.7	15.17	528.0	15.25
	67	48.7	374.3	13.07	405.3	15.18	441.7	17.70	480.0	19.91	494.3	20.41	513.7	20.90	528.0	21.27
		60.9	374.3	12.81	405.3	14.94	441.7	17.43	480.0	19.60	494.3	20.07	513.7	20.58	528.0	20.93
		121.7	374.3	11.78	405.3	13.98	441.7	16.29	480.0	18.33	494.3	18.77	513.7	19.24	528.0	19.60
		152.1	374.3	11.46	405.3	13.70	441.7	15.95	480.0	17.98	494.3	18.42	513.7	18.90	528.0	19.10
		182.6	374.3	11.29	405.3	13.55	441.7	15.78	480.0	17.80	494.3	18.24	513.7	18.73	528.0	18.86
	75	48.7	374.3	15.93	405.3	18.52	441.7	21.59	480.0	24.31	494.3	24.90	513.7	25.50	528.0	25.94
		60.9	374.3	15.62	405.3	18.22	441.7	21.22	480.0	23.91	494.3	24.50	513.7	25.09	528.0	25.53
		121.7	374.3	14.39	405.3	17.03	441.7	19.85	480.0	22.35	494.3	22.90	513.7	23.47	528.0	23.91
		152.1	374.3	13.98	405.3	16.69	441.7	19.44	480.0	21.91	494.3	22.46	513.7	23.03	528.0	23.27
		182.6	374.3	13.78	405.3	16.52	441.7	19.24	480.0	21.68	494.3	22.23	513.7	22.80	528.0	22.97
	86	48.7	374.3	19.59	405.3	22.82	441.7	26.55	480.0	29.90	494.3	30.62	513.7	31.33	528.0	31.93
		60.9	374.3	19.21	405.3	22.45	441.7	26.12	480.0	29.42	494.3	30.11	513.7	30.85	528.0	31.42
		121.7	374.3	17.68	405.3	20.97	441.7	24.41	480.0	27.50	494.3	28.15	513.7	28.88	528.0	29.42
		152.1	374.3	17.20	405.3	20.53	441.7	23.91	480.0	26.96	494.3	27.63	513.7	28.35	528.0	28.62
		182.6	374.3	16.94	405.3	20.32	441.7	23.67	480.0	26.69	494.3	27.38	513.7	28.08	528.0	28.24
	95	48.7	355.7	20.69	385.3	24.04	419.7	28.01	456.0	31.53	469.7	32.31	488.0	33.09	501.7	33.68
		60.9	355.7	20.28	385.3	23.67	419.7	27.55	456.0	31.03	469.7	31.77	488.0	32.55	501.7	33.16
		121.7	355.7	18.66	385.3	22.14	419.7	25.78	456.0	29.03	469.7	29.71	488.0	30.48	501.7	31.03
		152.1	355.7	18.17	385.3	21.65	419.7	25.24	456.0	28.48	469.7	29.16	488.0	29.91	501.7	30.21
		182.6	355.7	17.91	385.3	21.41	419.7	24.97	456.0	28.20	469.7	28.88	488.0	29.61	501.7	29.79
	104	48.7	337.0	23.24	365.0	27.00	397.3	31.46	432.0	35.40	445.0	36.24	462.3	37.12	475.3	37.77
		60.9	337.0	22.78	365.0	26.56	397.3	30.95	432.0	34.83	445.0	35.66	462.3	36.54	475.3	37.19
		121.7	337.0	20.93	365.0	24.84	397.3	28.92	432.0	32.55	445.0	33.35	462.3	34.18	475.3	34.81
		152.1	337.0	20.37	365.0	24.30	397.3	28.33	432.0	31.94	445.0	32.72	462.3	33.54	475.3	33.90
		182.6	337.0	20.09	365.0	24.03	397.3	28.03	432.0	31.61	445.0	32.39	462.3	33.23	475.3	33.44
	113	48.7	318.3	25.77	344.7	29.95	375.0	34.89	408.0	39.25	420.3	40.17	436.7	41.17	449.0	41.87
		60.9	318.3	25.27	344.7	29.47	375.0	34.33	408.0	38.63	420.3	39.53	436.7	40.50	449.0	41.22
		121.7	318.3	23.19	344.7	27.52	375.0	32.06	408.0	36.10	420.3	36.98	436.7	37.88	449.0	38.60
		152.1	318.3	22.57	344.7	26.94	375.0	31.41	408.0	35.38	420.3	36.26	436.7	37.20	449.0	37.57
		182.6	318.3	22.25	344.7	26.64	375.0	31.09	408.0	35.02	420.3	35.90	436.7	36.84	449.0	37.07
90	23	32.1	337.0	6.69	365.0	7.78	397.3	9.08	432.0	10.27	445.0	10.45	462.3	10.68	475.3	10.99
	32	36.0	337.0	6.69	365.0	7.78	397.3	9.08	432.0	10.27	445.0	10.45	462.3	10.68	475.3	10.99
	41	41.4	337.0	6.69	365.0	7.78	397.3	9.08	432.0	10.27	445.0	10.45	462.3	10.68	475.3	10.99
	50	48.7	337.0	6.69	365.0	7.78	397.3	9.08	432.0	10.27	445.0	10.45	462.3	10.68	475.3	10.99
		60.9	337.0	6.58	365.0	7.67	397.3	8.95	432.0	10.12	445.0	10.30	462.3	10.54	475.3	10.82
		121.7	337.0	6.07	365.0	7.22	397.3	8.39	432.0	9.47	445.0	9.67	462.3	9.96	475.3	10.12
		152.1	337.0	5.89	365.0	6.99	397.3	8.22	432.0	9.22	445.0	9.48	462.3	9.77	475.3	9.79
		182.6	337.0	5.82	365.0	6.89	397.3	8.14	432.0	9.08	445.0	9.40	462.3	9.67	475.3	9.63

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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COOLING CAPACITY DATA

ARWN480DAS4, ARWB480DAS4

480,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
90	59	48.7	337.0	9.11	365.0	10.58	397.3	12.34	432.0	13.92	445.0	14.23	462.3	14.57	475.3	14.87
		60.9	337.0	8.94	365.0	10.41	397.3	12.14	432.0	13.70	445.0	13.99	462.3	14.33	475.3	14.63
		121.7	337.0	8.25	365.0	9.77	397.3	11.36	432.0	12.79	445.0	13.10	462.3	13.44	475.3	13.70
		152.1	337.0	8.00	365.0	9.52	397.3	11.14	432.0	12.53	445.0	12.86	462.3	13.20	475.3	13.31
		182.6	337.0	7.89	365.0	9.42	397.3	11.02	432.0	12.38	445.0	12.73	462.3	13.07	475.3	13.11
	67	48.7	337.0	11.27	365.0	13.08	397.3	15.25	432.0	17.16	445.0	17.57	462.3	18.01	475.3	18.32
		60.9	337.0	11.04	365.0	12.87	397.3	14.98	432.0	16.89	445.0	17.28	462.3	17.72	475.3	18.02
		121.7	337.0	10.16	365.0	12.03	397.3	13.99	432.0	15.76	445.0	16.16	462.3	16.56	475.3	16.89
		152.1	337.0	9.86	365.0	11.78	397.3	13.74	432.0	15.47	445.0	15.85	462.3	16.25	475.3	16.45
		182.6	337.0	9.73	365.0	11.65	397.3	13.60	432.0	15.31	445.0	15.70	462.3	16.11	475.3	16.22
	75	48.7	337.0	13.71	365.0	15.97	397.3	18.57	432.0	20.91	445.0	21.40	462.3	21.94	475.3	22.34
		60.9	337.0	13.44	365.0	15.70	397.3	18.27	432.0	20.59	445.0	21.06	462.3	21.60	475.3	22.00
		121.7	337.0	12.37	365.0	14.68	397.3	17.10	432.0	19.24	445.0	19.69	462.3	20.22	475.3	20.58
		152.1	337.0	12.03	365.0	14.33	397.3	16.74	432.0	18.87	445.0	19.34	462.3	19.85	475.3	20.04
		182.6	337.0	11.86	365.0	14.17	397.3	16.57	432.0	18.67	445.0	19.16	462.3	19.65	475.3	19.77
	86	48.7	337.0	16.88	365.0	19.62	397.3	22.85	432.0	25.76	445.0	26.34	462.3	26.99	475.3	27.49
		60.9	337.0	16.55	365.0	19.31	397.3	22.48	432.0	25.32	445.0	25.93	462.3	26.56	475.3	27.05
		121.7	337.0	15.23	365.0	18.02	397.3	21.03	432.0	23.67	445.0	24.25	462.3	24.85	475.3	25.30
		152.1	337.0	14.79	365.0	17.67	397.3	20.59	432.0	23.23	445.0	23.78	462.3	24.41	475.3	24.64
		182.6	337.0	14.58	365.0	17.49	397.3	20.36	432.0	23.00	445.0	23.52	462.3	24.18	475.3	24.30
	95	48.7	327.7	18.23	354.7	21.16	386.3	24.65	420.0	27.75	432.7	28.42	449.3	29.10	462.0	29.63
		60.9	327.7	17.87	354.7	20.82	386.3	24.25	420.0	27.30	432.7	27.95	449.3	28.63	462.0	29.16
		121.7	327.7	16.40	354.7	19.45	386.3	22.69	420.0	25.53	432.7	26.13	449.3	26.82	462.0	27.30
		152.1	327.7	15.96	354.7	19.07	386.3	22.20	420.0	25.05	432.7	25.67	449.3	26.31	462.0	26.57
		182.6	327.7	15.75	354.7	18.86	386.3	21.96	420.0	24.79	432.7	25.44	449.3	26.07	462.0	26.20
	104	48.7	318.3	20.94	344.7	24.31	375.3	28.30	408.0	31.90	420.3	32.65	436.7	33.43	448.7	34.04
		60.9	318.3	20.51	344.7	23.91	375.3	27.85	408.0	31.39	420.3	32.11	436.7	32.91	448.7	33.50
		121.7	318.3	18.87	344.7	22.36	375.3	26.07	408.0	29.33	420.3	30.04	436.7	30.80	448.7	31.39
		152.1	318.3	18.33	344.7	21.90	375.3	25.53	408.0	28.77	420.3	29.47	436.7	30.23	448.7	30.54
		182.6	318.3	18.06	344.7	21.65	375.3	25.27	408.0	28.49	420.3	29.17	436.7	29.95	448.7	30.11
	113	48.7	309.0	23.63	334.7	27.45	364.3	31.97	396.0	36.03	408.0	36.88	424.0	37.78	435.3	38.42
		60.9	309.0	23.16	334.7	27.02	364.3	31.46	396.0	35.45	408.0	36.30	424.0	37.17	435.3	37.84
		121.7	309.0	21.32	334.7	25.25	364.3	29.45	396.0	33.12	408.0	33.94	424.0	34.79	435.3	35.45
		152.1	309.0	20.68	334.7	24.73	364.3	28.87	396.0	32.49	408.0	33.27	424.0	34.15	435.3	34.49
		182.6	309.0	20.38	334.7	24.45	364.3	28.57	396.0	32.17	408.0	32.92	424.0	33.83	435.3	34.02
80	23	32.1	299.7	5.69	324.3	6.53	353.3	7.59	384.0	8.63	395.7	8.78	411.0	9.03	422.3	9.13
	32	36.0	299.7	5.69	324.3	6.53	353.3	7.59	384.0	8.63	395.7	8.78	411.0	9.03	422.3	9.13
	41	41.4	299.7	5.69	324.3	6.53	353.3	7.59	384.0	8.63	395.7	8.78	411.0	9.03	422.3	9.13
	50	48.7	299.7	5.69	324.3	6.53	353.3	7.59	384.0	8.63	395.7	8.78	411.0	9.03	422.3	9.13
		60.9	299.7	5.56	324.3	6.45	353.3	7.48	384.0	8.48	395.7	8.64	411.0	8.87	422.3	8.99
		121.7	299.7	5.07	324.3	6.07	353.3	7.04	384.0	7.90	395.7	8.11	411.0	8.26	422.3	8.42
		152.1	299.7	4.99	324.3	5.89	353.3	6.91	384.0	7.77	395.7	7.92	411.0	8.15	422.3	8.22
		182.6	299.7	4.96	324.3	5.80	353.3	6.85	384.0	7.71	395.7	7.82	411.0	8.09	422.3	8.11
	59	48.7	299.7	7.67	324.3	8.88	353.3	10.34	384.0	11.67	395.7	11.93	411.0	12.23	422.3	12.44
		60.9	299.7	7.51	324.3	8.74	353.3	10.17	384.0	11.48	395.7	11.75	411.0	12.03	422.3	12.24
		121.7	299.7	6.89	324.3	8.19	353.3	9.52	384.0	10.71	395.7	10.99	411.0	11.25	422.3	11.46
		152.1	299.7	6.73	324.3	8.00	353.3	9.35	384.0	10.51	395.7	10.77	411.0	11.05	422.3	11.15
		182.6	299.7	6.63	324.3	7.90	353.3	9.25	384.0	10.41	395.7	10.66	411.0	10.95	422.3	11.00
	67	48.7	299.7	9.43	324.3	10.97	353.3	12.77	384.0	14.39	395.7	14.74	411.0	15.07	422.3	15.37
		60.9	299.7	9.25	324.3	10.79	353.3	12.56	384.0	14.16	395.7	14.50	411.0	14.84	422.3	15.13
		121.7	299.7	8.50	324.3	10.07	353.3	11.75	384.0	13.21	395.7	13.54	411.0	13.89	422.3	14.16
		152.1	299.7	8.27	324.3	9.86	353.3	11.49	384.0	12.97	395.7	13.30	411.0	13.64	422.3	13.76
		182.6	299.7	8.15	324.3	9.78	353.3	11.38	384.0	12.84	395.7	13.17	411.0	13.50	422.3	13.57
	75	48.7	299.7	11.51	324.3	13.37	353.3	15.57	384.0	17.52	395.7	17.97	411.0	18.41	422.3	18.73
		60.9	299.7	11.30	324.3	13.17	353.3	15.31	384.0	17.24	395.7	17.67	411.0	18.11	422.3	18.43
		121.7	299.7	10.37	324.3	12.30	353.3	14.32	384.0	16.14	395.7	16.51	411.0	16.94	422.3	17.24
		152.1	299.7	10.07	324.3	12.03	353.3	14.05	384.0	15.81	395.7	16.22	411.0	16.65	422.3	16.79
		182.6	299.7	9.94	324.3	11.91	353.3	13.89	384.0	15.65	395.7	16.06	411.0	16.48	422.3	16.56

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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COOLING CAPACITY DATA

ARWN480DAS4, ARWB480DAS4

480,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
80	86	48.7	299.7	14.14	324.3	16.44	353.3	19.16	384.0	21.57	395.7	22.06	411.0	22.60	422.3	23.05
		60.9	299.7	13.86	324.3	16.17	353.3	18.86	384.0	21.21	395.7	21.71	411.0	22.25	422.3	22.68
		121.7	299.7	12.76	324.3	15.13	353.3	17.64	384.0	19.85	395.7	20.32	411.0	20.83	422.3	21.21
		152.1	299.7	12.42	324.3	14.79	353.3	17.24	384.0	19.45	395.7	19.94	411.0	20.43	422.3	20.66
		182.6	299.7	12.25	324.3	14.62	353.3	17.05	384.0	19.26	395.7	19.75	411.0	20.23	422.3	20.38
	95	48.7	299.7	15.71	324.3	18.26	353.3	21.27	384.0	23.96	395.7	24.56	411.0	25.16	422.3	25.60
		60.9	299.7	15.41	324.3	17.98	353.3	20.93	384.0	23.58	395.7	24.15	411.0	24.75	422.3	25.19
		121.7	299.7	14.19	324.3	16.80	353.3	19.60	384.0	22.05	395.7	22.58	411.0	23.14	422.3	23.57
		152.1	299.7	13.78	324.3	16.45	353.3	19.20	384.0	21.61	395.7	22.15	411.0	22.72	422.3	22.93
		182.6	299.7	13.60	324.3	16.27	353.3	18.99	384.0	21.39	395.7	21.93	411.0	22.53	422.3	22.62
	104	48.7	299.7	18.62	324.3	21.66	353.3	25.21	384.0	28.41	395.7	29.06	411.0	29.78	422.3	30.28
		60.9	299.7	18.25	324.3	21.29	353.3	24.80	384.0	27.94	395.7	28.59	411.0	29.31	422.3	29.81
		121.7	299.7	16.79	324.3	19.89	353.3	23.17	384.0	26.12	395.7	26.72	411.0	27.40	422.3	27.91
		152.1	299.7	16.30	324.3	19.49	353.3	22.70	384.0	25.58	395.7	26.22	411.0	26.92	422.3	27.17
		182.6	299.7	16.06	324.3	19.28	353.3	22.47	384.0	25.31	395.7	25.97	411.0	26.66	422.3	26.81
	113	48.7	299.7	21.53	324.3	25.03	353.3	29.16	384.0	32.83	395.7	33.57	411.0	34.41	422.3	34.99
		60.9	299.7	21.12	324.3	24.63	353.3	28.69	384.0	32.30	395.7	33.00	411.0	33.86	422.3	34.42
		121.7	299.7	19.39	324.3	23.00	353.3	26.77	384.0	30.20	395.7	30.86	411.0	31.66	422.3	32.22
		152.1	299.7	18.82	324.3	22.53	353.3	26.21	384.0	29.56	395.7	30.30	411.0	31.09	422.3	31.41
		182.6	299.7	18.55	324.3	22.29	353.3	25.92	384.0	29.24	395.7	30.02	411.0	30.80	422.3	30.99
70	23	32.1	262.0	4.67	283.7	5.44	309.0	6.31	336.0	7.11	346.0	7.33	359.7	7.52	369.7	7.59
	32	36.0	262.0	4.67	283.7	5.44	309.0	6.31	336.0	7.11	346.0	7.33	359.7	7.52	369.7	7.59
	41	41.4	262.0	4.67	283.7	5.44	309.0	6.31	336.0	7.11	346.0	7.33	359.7	7.52	369.7	7.59
	50	48.7	262.0	4.67	283.7	5.44	309.0	6.31	336.0	7.11	346.0	7.33	359.7	7.52	369.7	7.59
		60.9	262.0	4.57	283.7	5.36	309.0	6.22	336.0	7.00	346.0	7.22	359.7	7.39	369.7	7.48
		121.7	262.0	4.24	283.7	4.99	309.0	5.79	336.0	6.58	346.0	6.76	359.7	6.93	369.7	7.04
		152.1	262.0	4.13	283.7	4.89	309.0	5.72	336.0	6.45	346.0	6.59	359.7	6.75	369.7	6.85
		182.6	262.0	4.09	283.7	4.81	309.0	5.66	336.0	6.37	346.0	6.50	359.7	6.66	369.7	6.75
	59	48.7	262.0	6.36	283.7	7.39	309.0	8.59	336.0	9.69	346.0	9.92	359.7	10.18	369.7	10.34
		60.9	262.0	6.23	283.7	7.28	309.0	8.45	336.0	9.52	346.0	9.77	359.7	10.01	369.7	10.17
		121.7	262.0	5.74	283.7	6.79	309.0	7.90	336.0	8.93	346.0	9.14	359.7	9.38	369.7	9.52
		152.1	262.0	5.58	283.7	6.65	309.0	7.75	336.0	8.74	346.0	8.95	359.7	9.18	369.7	9.28
		182.6	262.0	5.51	283.7	6.57	309.0	7.68	336.0	8.65	346.0	8.86	359.7	9.08	369.7	9.15
	67	48.7	262.0	7.85	283.7	9.13	309.0	10.62	336.0	11.97	346.0	12.23	359.7	12.54	369.7	12.77
		60.9	262.0	7.71	283.7	8.97	309.0	10.45	336.0	11.77	346.0	12.03	359.7	12.33	369.7	12.56
		121.7	262.0	7.07	283.7	8.39	309.0	9.78	336.0	11.00	346.0	11.25	359.7	11.55	369.7	11.75
		152.1	262.0	6.88	283.7	8.21	309.0	9.58	336.0	10.79	346.0	11.05	359.7	11.34	369.7	11.44
		182.6	262.0	6.78	283.7	8.11	309.0	9.47	336.0	10.69	346.0	10.95	359.7	11.24	369.7	11.28
	75	48.7	262.0	9.56	283.7	11.13	309.0	12.93	336.0	14.57	346.0	14.93	359.7	15.29	369.7	15.57
		60.9	262.0	9.38	283.7	10.94	309.0	12.74	336.0	14.33	346.0	14.69	359.7	15.05	369.7	15.31
		121.7	262.0	8.63	283.7	10.22	309.0	11.92	336.0	13.41	346.0	13.74	359.7	14.09	369.7	14.33
		152.1	262.0	8.39	283.7	10.01	309.0	11.67	336.0	13.17	346.0	13.45	359.7	13.80	369.7	13.96
		182.6	262.0	8.26	283.7	9.91	309.0	11.54	336.0	13.04	346.0	13.32	359.7	13.66	369.7	13.76
	86	48.7	262.0	11.78	283.7	13.67	309.0	15.91	336.0	17.93	346.0	18.36	359.7	18.80	369.7	19.16
		60.9	262.0	11.54	283.7	13.44	309.0	15.67	336.0	17.65	346.0	18.08	359.7	18.51	369.7	18.86
		121.7	262.0	10.60	283.7	12.56	309.0	14.64	336.0	16.50	346.0	16.90	359.7	17.33	369.7	17.64
		152.1	262.0	10.32	283.7	12.32	309.0	14.33	336.0	16.17	346.0	16.58	359.7	17.00	369.7	17.20
		182.6	262.0	10.17	283.7	12.19	309.0	14.19	336.0	16.00	346.0	16.43	359.7	16.84	369.7	16.97
	95	48.7	262.0	13.07	283.7	15.18	309.0	17.72	336.0	19.91	346.0	20.41	359.7	20.90	369.7	21.27
		60.9	262.0	12.81	283.7	14.94	309.0	17.43	336.0	19.60	346.0	20.07	359.7	20.58	369.7	20.93
		121.7	262.0	11.78	283.7	13.98	309.0	16.27	336.0	18.33	346.0	18.77	359.7	19.24	369.7	19.60
		152.1	262.0	11.46	283.7	13.66	309.0	15.95	336.0	17.98	346.0	18.42	359.7	18.89	369.7	19.10
		182.6	262.0	11.29	283.7	13.51	309.0	15.80	336.0	17.80	346.0	18.24	359.7	18.71	369.7	18.86
	104	48.7	262.0	15.48	283.7	17.96	309.0	20.96	336.0	23.60	346.0	24.16	359.7	24.75	369.7	25.19
		60.9	262.0	15.18	283.7	17.68	309.0	20.63	336.0	23.23	346.0	23.78	359.7	24.35	369.7	24.79
		121.7	262.0	13.96	283.7	16.56	309.0	19.29	336.0	21.71	346.0	22.24	359.7	22.79	369.7	23.23
		152.1	262.0	13.55	283.7	16.21	309.0	18.87	336.0	21.27	346.0	21.81	359.7	22.38	369.7	22.59
		182.6	262.0	13.35	283.7	16.01	309.0	18.65	336.0	21.04	346.0	21.59	359.7	22.18	369.7	22.28

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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COOLING CAPACITY DATA

ARWN480DAS4, ARWB480DAS4

480,000 Btu/h, 460V Heat Pump and Heat Recovery Units

MULTI V WATER IV

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
70	113	48.7	262.0	17.90	283.7	20.76	309.0	24.20	336.0	27.29	346.0	27.91	359.7	28.58	369.7	29.10
		60.9	262.0	17.55	283.7	20.43	309.0	23.82	336.0	26.85	346.0	27.48	359.7	28.14	369.7	28.66
		121.7	262.0	16.14	283.7	19.12	309.0	22.32	336.0	25.09	346.0	25.71	359.7	26.31	369.7	26.85
		152.1	262.0	15.67	283.7	18.73	309.0	21.77	336.0	24.57	346.0	25.21	359.7	25.87	369.7	26.08
		182.6	262.0	15.43	283.7	18.54	309.0	21.52	336.0	24.31	346.0	24.96	359.7	25.67	369.7	25.69
60	23	32.1	224.7	3.71	243.3	4.32	265.0	5.02	288.0	5.71	296.7	5.85	308.0	5.94	316.7	6.07
	32	36.0	224.7	3.71	243.3	4.32	265.0	5.02	288.0	5.71	296.7	5.85	308.0	5.94	316.7	6.07
	41	41.4	224.7	3.71	243.3	4.32	265.0	5.02	288.0	5.71	296.7	5.85	308.0	5.94	316.7	6.07
	50	48.7	224.7	3.71	243.3	4.32	265.0	5.02	288.0	5.71	296.7	5.85	308.0	5.94	316.7	6.07
		60.9	224.7	3.64	243.3	4.23	265.0	4.94	288.0	5.61	296.7	5.75	308.0	5.86	316.7	5.98
		121.7	224.7	3.36	243.3	3.96	265.0	4.67	288.0	5.23	296.7	5.36	308.0	5.51	316.7	5.61
		152.1	224.7	3.24	243.3	3.93	265.0	4.57	288.0	5.14	296.7	5.27	308.0	5.38	316.7	5.48
		182.6	224.7	3.16	243.3	3.91	265.0	4.53	288.0	5.11	296.7	5.21	308.0	5.32	316.7	5.42
	59	48.7	224.7	5.06	243.3	5.89	265.0	6.85	288.0	7.72	296.7	7.94	308.0	8.09	316.7	8.24
		60.9	224.7	4.95	243.3	5.79	265.0	6.74	288.0	7.61	296.7	7.81	308.0	7.96	316.7	8.11
		121.7	224.7	4.57	243.3	5.41	265.0	6.32	288.0	7.10	296.7	7.28	308.0	7.46	316.7	7.61
		152.1	224.7	4.44	243.3	5.32	265.0	6.19	288.0	6.97	296.7	7.13	308.0	7.31	316.7	7.41
		182.6	224.7	4.35	243.3	5.26	265.0	6.13	288.0	6.91	296.7	7.06	308.0	7.24	316.7	7.31
	67	48.7	224.7	6.26	243.3	7.28	265.0	8.48	288.0	9.52	296.7	9.77	308.0	10.00	316.7	10.18
		60.9	224.7	6.13	243.3	7.17	265.0	8.34	288.0	9.38	296.7	9.61	308.0	9.83	316.7	10.01
		121.7	224.7	5.64	243.3	6.68	265.0	7.81	288.0	8.80	296.7	8.97	308.0	9.19	316.7	9.38
		152.1	224.7	5.48	243.3	6.53	265.0	7.62	288.0	8.60	296.7	8.81	308.0	9.04	316.7	9.14
		182.6	224.7	5.41	243.3	6.46	265.0	7.53	288.0	8.50	296.7	8.72	308.0	8.96	316.7	9.01
	75	48.7	224.7	7.62	243.3	8.87	265.0	10.33	288.0	11.62	296.7	11.90	308.0	12.17	316.7	12.42
		60.9	224.7	7.46	243.3	8.73	265.0	10.16	288.0	11.44	296.7	11.70	308.0	11.99	316.7	12.22
		121.7	224.7	6.88	243.3	8.16	265.0	9.49	288.0	10.70	296.7	10.94	308.0	11.23	316.7	11.44
		152.1	224.7	6.68	243.3	7.96	265.0	9.29	288.0	10.47	296.7	10.76	308.0	11.02	316.7	11.14
		182.6	224.7	6.58	243.3	7.86	265.0	9.19	288.0	10.34	296.7	10.66	308.0	10.90	316.7	10.99
	86	48.7	224.7	9.38	243.3	10.88	265.0	12.68	288.0	14.27	296.7	14.64	308.0	14.98	316.7	15.27
		60.9	224.7	9.18	243.3	10.71	265.0	12.48	288.0	14.06	296.7	14.40	308.0	14.74	316.7	15.03
		121.7	224.7	8.45	243.3	10.03	265.0	11.69	288.0	13.17	296.7	13.45	308.0	13.80	316.7	14.06
		152.1	224.7	8.21	243.3	9.82	265.0	11.44	288.0	12.90	296.7	13.21	308.0	13.55	316.7	13.70
		182.6	224.7	8.07	243.3	9.71	265.0	11.31	288.0	12.79	296.7	13.08	308.0	13.44	316.7	13.51
	95	48.7	224.7	10.43	243.3	12.12	265.0	14.11	288.0	15.86	296.7	16.26	308.0	16.67	316.7	16.96
		60.9	224.7	10.22	243.3	11.92	265.0	13.88	288.0	15.62	296.7	16.01	308.0	16.40	316.7	16.69
		121.7	224.7	9.39	243.3	11.14	265.0	12.97	288.0	14.63	296.7	14.97	308.0	15.32	316.7	15.62
		152.1	224.7	9.14	243.3	10.91	265.0	12.73	288.0	14.32	296.7	14.69	308.0	15.07	316.7	15.23
		182.6	224.7	9.00	243.3	10.78	265.0	12.60	288.0	14.18	296.7	14.54	308.0	14.93	316.7	15.03
	104	48.7	224.7	12.33	243.3	14.34	265.0	16.72	288.0	18.82	296.7	19.26	308.0	19.72	316.7	20.11
		60.9	224.7	12.09	243.3	14.10	265.0	16.45	288.0	18.51	296.7	18.95	308.0	19.41	316.7	19.78
		121.7	224.7	11.14	243.3	13.20	265.0	15.38	288.0	17.29	296.7	17.72	308.0	18.17	316.7	18.51
		152.1	224.7	10.81	243.3	12.90	265.0	15.07	288.0	16.95	296.7	17.37	308.0	17.83	316.7	18.01
		182.6	224.7	10.64	243.3	12.77	265.0	14.92	288.0	16.78	296.7	17.20	308.0	17.66	316.7	17.77
	113	48.7	224.7	14.22	243.3	16.55	265.0	19.31	288.0	21.75	296.7	22.24	308.0	22.74	316.7	23.26
		60.9	224.7	13.96	243.3	16.29	265.0	19.00	288.0	21.39	296.7	21.90	308.0	22.39	316.7	22.89
		121.7	224.7	12.88	243.3	15.26	265.0	17.78	288.0	19.97	296.7	20.48	308.0	21.01	316.7	21.39
		152.1	224.7	12.48	243.3	14.92	265.0	17.43	288.0	19.58	296.7	20.07	308.0	20.61	316.7	20.81
		182.6	224.7	12.29	243.3	14.75	265.0	17.25	288.0	19.38	296.7	19.87	308.0	20.39	316.7	20.51
50	23	32.1	187.3	2.78	202.7	3.21	220.7	3.81	240.0	4.20	247.3	4.33	256.7	4.45	264.0	4.53
	32	36.0	187.3	2.78	202.7	3.21	220.7	3.81	240.0	4.20	247.3	4.33	256.7	4.45	264.0	4.53
	41	41.4	187.3	2.78	202.7	3.21	220.7	3.81	240.0	4.20	247.3	4.33	256.7	4.45	264.0	4.53
	50	48.7	187.3	2.78	202.7	3.21	220.7	3.81	240.0	4.20	247.3	4.33	256.7	4.45	264.0	4.53
		60.9	187.3	2.71	202.7	3.15	220.7	3.75	240.0	4.16	247.3	4.26	256.7	4.38	264.0	4.45
		121.7	187.3	2.47	202.7	2.98	220.7	3.49	240.0	3.93	247.3	4.05	256.7	4.07	264.0	4.16
		152.1	187.3	2.42	202.7	2.97	220.7	3.40	240.0	3.82	247.3	3.88	256.7	4.03	264.0	4.03
		182.6	187.3	2.38	202.7	2.96	220.7	3.37	240.0	3.76	247.3	3.79	256.7	4.00	264.0	3.98
	59	48.7	187.3	3.77	202.7	4.39	220.7	5.13	240.0	5.73	247.3	5.90	256.7	6.03	264.0	6.14
		60.9	187.3	3.70	202.7	4.33	220.7	5.04	240.0	5.66	247.3	5.80	256.7	5.93	264.0	6.04
		121.7	187.3	3.39	202.7	4.03	220.7	4.71	240.0	5.32	247.3	5.45	256.7	5.56	264.0	5.66
		152.1	187.3	3.30	202.7	3.97	220.7	4.61	240.0	5.20	247.3	5.32	256.7	5.46	264.0	5.50
		182.6	187.3	3.26	202.7	3.95	220.7	4.57	240.0	5.14	247.3	5.23	256.7	5.40	264.0	5.44

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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LG

COOLING CAPACITY DATA

ARWN480DAS4, ARWB480DAS4

480,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
50	67	48.7	187.3	4.65	202.7	5.45	220.7	6.31	240.0	7.09	247.3	7.28	256.7	7.44	264.0	7.59
		60.9	187.3	4.57	202.7	5.35	220.7	6.21	240.0	6.99	247.3	7.17	256.7	7.33	264.0	7.46
		121.7	187.3	4.21	202.7	4.95	220.7	5.80	240.0	6.53	247.3	6.68	256.7	6.88	264.0	6.99
		152.1	187.3	4.08	202.7	4.88	220.7	5.69	240.0	6.42	247.3	6.57	256.7	6.74	264.0	6.83
		182.6	187.3	4.02	202.7	4.82	220.7	5.64	240.0	6.36	247.3	6.52	256.7	6.66	264.0	6.73
	75	48.7	187.3	5.66	202.7	6.59	220.7	7.68	240.0	8.69	247.3	8.87	256.7	9.08	264.0	9.22
		60.9	187.3	5.56	202.7	6.48	220.7	7.56	240.0	8.53	247.3	8.73	256.7	8.94	264.0	9.08
		121.7	187.3	5.12	202.7	6.08	220.7	7.08	240.0	7.96	247.3	8.16	256.7	8.37	264.0	8.53
		152.1	187.3	4.95	202.7	5.93	220.7	6.92	240.0	7.82	247.3	8.00	256.7	8.21	264.0	8.30
		182.6	187.3	4.88	202.7	5.87	220.7	6.85	240.0	7.73	247.3	7.92	256.7	8.13	264.0	8.18
	86	48.7	187.3	7.00	202.7	8.13	220.7	9.47	240.0	10.67	247.3	10.94	256.7	11.18	264.0	11.38
		60.9	187.3	6.86	202.7	8.00	220.7	9.33	240.0	10.50	247.3	10.76	256.7	11.00	264.0	11.20
		121.7	187.3	6.30	202.7	7.46	220.7	8.71	240.0	9.82	247.3	10.03	256.7	10.32	264.0	10.47
		152.1	187.3	6.13	202.7	7.31	220.7	8.53	240.0	9.62	247.3	9.85	256.7	10.11	264.0	10.22
		182.6	187.3	6.05	202.7	7.24	220.7	8.45	240.0	9.52	247.3	9.77	256.7	10.01	264.0	10.09
	95	48.7	187.3	7.77	202.7	9.03	220.7	10.52	240.0	11.83	247.3	12.13	256.7	12.42	264.0	12.63
		60.9	187.3	7.62	202.7	8.87	220.7	10.36	240.0	11.65	247.3	11.93	256.7	12.22	264.0	12.43
		121.7	187.3	7.01	202.7	8.30	220.7	9.69	240.0	10.91	247.3	11.15	256.7	11.44	264.0	11.65
		152.1	187.3	6.83	202.7	8.15	220.7	9.48	240.0	10.70	247.3	10.94	256.7	11.23	264.0	11.34
		182.6	187.3	6.73	202.7	8.07	220.7	9.37	240.0	10.59	247.3	10.83	256.7	11.13	264.0	11.20
	104	48.7	187.3	9.22	202.7	10.68	220.7	12.48	240.0	14.03	247.3	14.38	256.7	14.72	264.0	14.98
		60.9	187.3	9.04	202.7	10.51	220.7	12.28	240.0	13.80	247.3	14.14	256.7	14.48	264.0	14.74
		121.7	187.3	8.29	202.7	9.83	220.7	11.46	240.0	12.90	247.3	13.21	256.7	13.55	264.0	13.78
		152.1	187.3	8.06	202.7	9.62	220.7	11.23	240.0	12.66	247.3	12.97	256.7	13.30	264.0	13.42
		182.6	187.3	7.94	202.7	9.52	220.7	11.12	240.0	12.53	247.3	12.84	256.7	13.16	264.0	13.23
	113	48.7	187.3	10.66	202.7	12.35	220.7	14.41	240.0	16.23	247.3	16.61	256.7	17.01	264.0	17.33
		60.9	187.3	10.45	202.7	12.15	220.7	14.18	240.0	15.96	247.3	16.34	256.7	16.73	264.0	17.05
		121.7	187.3	9.58	202.7	11.36	220.7	13.23	240.0	14.92	247.3	15.28	256.7	15.68	264.0	15.93
		152.1	187.3	9.29	202.7	11.12	220.7	12.99	240.0	14.63	247.3	14.98	256.7	15.36	264.0	15.50
		182.6	187.3	9.16	202.7	10.98	220.7	12.87	240.0	14.49	247.3	14.84	256.7	15.19	264.0	15.26

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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COOLING CAPACITY DATA

ARWN576DAS4, ARWB576DAS4

576,000 Btu/h, 460V Heat Pump and Heat Recovery Units

MULTI V WATER IV

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
130	23	40.1	535.4	11.38	579.9	13.22	631.1	15.46	686.0	17.38	706.9	17.79	734.1	18.24	755.0	18.58
	32	45.0	535.4	11.38	579.9	13.22	631.1	15.46	686.0	17.38	706.9	17.79	734.1	18.24	755.0	18.58
	41	51.7	535.4	11.38	579.9	13.22	631.1	15.46	686.0	17.38	706.9	17.79	734.1	18.24	755.0	18.58
	50	60.8	535.4	11.38	579.9	13.22	631.1	15.46	686.0	17.38	706.9	17.79	734.1	18.24	755.0	18.58
		76.1	535.4	11.17	579.9	13.02	631.1	15.21	686.0	17.10	706.9	17.51	734.1	17.96	755.0	18.29
		152.1	535.4	10.32	579.9	12.21	631.1	14.21	686.0	15.99	706.9	16.40	734.1	16.84	755.0	17.13
		190.1	535.4	9.98	579.9	11.90	631.1	13.91	686.0	15.65	706.9	16.06	734.1	16.47	755.0	16.77
		228.2	535.4	9.81	579.9	11.75	631.1	13.76	686.0	15.48	706.9	15.89	734.1	16.28	755.0	16.58
	59	60.8	526.8	14.95	570.4	17.40	621.2	20.29	675.2	22.82	695.6	23.36	722.4	23.94	742.8	24.36
		76.1	526.8	14.66	570.4	17.12	621.2	19.96	675.2	22.46	695.6	22.99	722.4	23.57	742.8	23.99
		152.1	526.8	13.51	570.4	16.01	621.2	18.66	675.2	21.00	695.6	21.53	722.4	22.11	742.8	22.53
		190.1	526.8	13.13	570.4	15.66	621.2	18.27	675.2	20.58	695.6	21.11	722.4	21.65	742.8	22.03
		228.2	526.8	12.94	570.4	15.49	621.2	18.08	675.2	20.36	695.6	20.90	722.4	21.42	742.8	21.79
	67	60.8	519.2	18.13	562.0	21.12	612.4	24.58	665.6	27.66	685.6	28.31	712.0	29.01	732.0	29.49
		76.1	519.2	17.77	562.0	20.77	612.4	24.18	665.6	27.22	685.6	27.87	712.0	28.56	732.0	29.06
		152.1	519.2	16.35	562.0	19.39	612.4	22.61	665.6	25.45	685.6	26.10	712.0	26.79	732.0	27.33
		190.1	519.2	15.93	562.0	19.00	612.4	22.15	665.6	24.95	685.6	25.60	712.0	26.26	732.0	26.72
		228.2	519.2	15.72	562.0	18.81	612.4	21.92	665.6	24.70	685.6	25.36	712.0	25.99	732.0	26.41
	75	60.8	519.2	22.40	562.0	26.03	612.4	30.32	665.6	34.14	685.6	34.91	712.0	35.80	732.0	36.40
		76.1	519.2	21.96	562.0	25.60	612.4	29.83	665.6	33.59	685.6	34.36	712.0	35.24	732.0	35.85
		152.1	519.2	20.19	562.0	23.91	612.4	27.87	665.6	31.40	685.6	32.17	712.0	33.01	732.0	33.70
		190.1	519.2	19.62	562.0	23.42	612.4	27.29	665.6	30.79	685.6	31.59	712.0	32.40	732.0	32.94
		228.2	519.2	19.33	562.0	23.17	612.4	27.01	665.6	30.48	685.6	31.31	712.0	32.09	732.0	32.55
	86	60.8	519.2	26.87	562.0	31.21	612.4	36.37	665.6	40.97	685.6	41.93	712.0	42.93	732.0	43.69
		76.1	519.2	26.33	562.0	30.71	612.4	35.78	665.6	40.31	685.6	41.27	712.0	42.26	732.0	43.03
		152.1	519.2	24.22	562.0	28.71	612.4	33.43	665.6	37.66	685.6	38.62	712.0	39.61	732.0	40.42
		190.1	519.2	23.53	562.0	28.10	612.4	32.78	665.6	36.93	685.6	37.89	712.0	38.85	732.0	39.50
		228.2	519.2	23.19	562.0	27.79	612.4	32.46	665.6	36.56	685.6	37.52	712.0	38.46	732.0	39.04
	95	60.8	467.2	27.18	506.0	31.56	550.8	36.80	598.8	41.40	616.8	42.40	640.8	43.39	658.8	44.15
		76.1	467.2	26.64	506.0	31.05	550.8	36.20	598.8	40.73	616.8	41.73	640.8	42.72	658.8	43.49
		152.1	467.2	24.49	506.0	29.06	550.8	33.82	598.8	38.08	616.8	39.04	640.8	40.08	658.8	40.88
		190.1	467.2	23.80	506.0	28.41	550.8	33.13	598.8	37.35	616.8	38.31	640.8	39.31	658.8	39.96
		228.2	467.2	23.46	506.0	28.08	550.8	32.78	598.8	36.99	616.8	37.95	640.8	38.93	658.8	39.50
	104	60.8	415.2	28.67	449.6	33.28	489.6	38.78	532.4	43.70	548.4	44.70	569.6	45.77	585.6	46.62
		76.1	415.2	28.10	449.6	32.74	489.6	38.16	532.4	42.99	548.4	43.99	569.6	45.07	585.6	45.91
		152.1	415.2	25.83	449.6	30.63	489.6	35.70	532.4	40.19	548.4	41.19	569.6	42.26	585.6	43.11
		190.1	415.2	25.10	449.6	29.98	489.6	34.93	532.4	39.38	548.4	40.42	569.6	41.46	585.6	42.15
		228.2	415.2	24.74	449.6	29.66	489.6	34.55	532.4	38.98	548.4	40.04	569.6	41.06	585.6	41.67
	113	60.8	363.2	30.16	393.2	34.99	428.4	40.75	466.0	46.00	480.0	46.99	498.4	48.15	512.4	49.08
		76.1	363.2	29.56	393.2	34.43	428.4	40.11	466.0	45.26	480.0	46.26	498.4	47.41	512.4	48.33
		152.1	363.2	27.18	393.2	32.21	428.4	37.58	466.0	42.30	480.0	43.34	498.4	44.45	512.4	45.33
		190.1	363.2	26.41	393.2	31.55	428.4	36.74	466.0	41.42	480.0	42.53	498.4	43.61	512.4	44.34
		228.2	363.2	26.03	393.2	31.23	428.4	36.32	466.0	40.98	480.0	42.13	498.4	43.19	512.4	43.84
120	23	40.1	506.7	10.82	548.7	12.58	597.6	14.59	649.2	16.51	669.3	16.87	695.3	17.28	714.5	17.61
	32	45.0	506.7	10.82	548.7	12.58	597.6	14.59	649.2	16.51	669.3	16.87	695.3	17.28	714.5	17.61
	41	51.7	506.7	10.82	548.7	12.58	597.6	14.59	649.2	16.51	669.3	16.87	695.3	17.28	714.5	17.61
	50	60.8	506.7	10.82	548.7	12.58	597.6	14.59	649.2	16.51	669.3	16.87	695.3	17.28	714.5	17.61
		76.1	506.7	10.59	548.7	12.37	597.6	14.37	649.2	16.23	669.3	16.60	695.3	17.01	714.5	17.34
		152.1	506.7	9.70	548.7	11.56	597.6	13.49	649.2	15.11	669.3	15.52	695.3	15.93	714.5	16.27
		190.1	506.7	9.44	548.7	11.26	597.6	13.15	649.2	14.86	669.3	15.22	695.3	15.68	714.5	15.90
		228.2	506.7	9.31	548.7	11.11	597.6	12.98	649.2	14.73	669.3	15.08	695.3	15.55	714.5	15.71
	59	60.8	500.8	14.34	542.4	16.66	590.8	19.39	642.0	21.86	661.6	22.35	687.2	22.89	706.4	23.31
		76.1	500.8	14.05	542.4	16.39	590.8	19.08	642.0	21.50	661.6	22.00	687.2	22.53	706.4	22.96
		152.1	500.8	12.90	542.4	15.32	590.8	17.85	642.0	20.08	661.6	20.58	687.2	21.11	706.4	21.53
		190.1	500.8	12.55	542.4	14.97	590.8	17.47	642.0	19.69	661.6	20.19	687.2	20.73	706.4	21.04
		228.2	500.8	12.38	542.4	14.80	590.8	17.27	642.0	19.50	661.6	20.00	687.2	20.54	706.4	20.79
	67	60.8	495.6	17.47	536.8	20.29	584.8	23.65	635.6	26.61	654.8	27.23	680.0	27.88	699.2	28.38
		76.1	495.6	17.12	536.8	19.96	584.8	23.26	635.6	26.18	654.8	26.79	680.0	27.45	699.2	27.95
		152.1	495.6	15.74	536.8	18.66	584.8	21.73	635.6	24.49	654.8	25.07	680.0	25.72	699.2	26.22
		190.1	495.6	15.32	536.8	18.27	584.8	21.30	635.6	23.99	654.8	24.61	680.0	25.22	699.2	25.60
		228.2	495.6	15.11	536.8	18.08	584.8	21.09	635.6	23.74	654.8	24.38	680.0	24.97	699.2	25.30

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

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LG

COOLING CAPACITY DATA

ARWN576DAS4, ARWB576DAS4

576,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
120	75	60.8	495.6	21.46	536.8	24.94	584.8	29.02	635.6	32.69	654.8	33.47	680.0	34.27	699.2	34.89
		76.1	495.6	21.04	536.8	24.53	584.8	28.56	635.6	32.17	654.8	32.94	680.0	33.74	699.2	34.36
		152.1	495.6	19.35	536.8	22.92	584.8	26.72	635.6	30.09	654.8	30.82	680.0	31.63	699.2	32.24
		190.1	495.6	18.81	536.8	22.46	584.8	26.18	635.6	29.48	654.8	30.25	680.0	31.02	699.2	31.48
		228.2	495.6	18.54	536.8	22.23	584.8	25.91	635.6	29.18	654.8	29.96	680.0	30.71	699.2	31.09
	86	60.8	495.6	25.93	536.8	30.17	584.8	35.12	635.6	39.52	654.8	40.49	680.0	41.45	699.2	42.17
		76.1	495.6	25.41	536.8	29.67	584.8	34.55	635.6	38.89	654.8	39.85	680.0	40.80	699.2	41.53
		152.1	495.6	23.38	536.8	27.71	584.8	32.28	635.6	36.39	654.8	37.27	680.0	38.23	699.2	39.00
		190.1	495.6	22.72	536.8	27.14	584.8	31.63	635.6	35.66	654.8	36.58	680.0	37.50	699.2	38.08
		228.2	495.6	22.40	536.8	26.85	584.8	31.31	635.6	35.30	654.8	36.24	680.0	37.14	699.2	37.62
	95	60.8	453.6	26.60	491.2	30.91	535.2	35.97	581.6	40.54	599.2	41.51	622.4	42.51	640.0	43.23
		76.1	453.6	26.06	491.2	30.40	535.2	35.39	581.6	39.88	599.2	40.84	622.4	41.84	640.0	42.57
		152.1	453.6	23.95	491.2	28.41	535.2	33.09	581.6	37.27	599.2	38.19	622.4	39.19	640.0	39.96
		190.1	453.6	23.30	491.2	27.83	535.2	32.44	581.6	36.54	599.2	37.50	622.4	38.42	640.0	39.00
		228.2	453.6	22.98	491.2	27.54	535.2	32.11	581.6	36.18	599.2	37.16	622.4	38.04	640.0	38.52
	104	60.8	411.6	28.63	445.6	33.24	485.6	38.75	527.6	43.62	543.6	44.67	564.8	45.74	580.4	46.55
		76.1	411.6	28.06	445.6	32.71	485.6	38.12	527.6	42.92	543.6	43.95	564.8	45.03	580.4	45.83
		152.1	411.6	25.80	445.6	30.59	485.6	35.62	527.6	40.11	543.6	41.11	564.8	42.19	580.4	42.99
		190.1	411.6	25.07	445.6	29.94	485.6	34.89	527.6	39.35	543.6	40.34	564.8	41.38	580.4	41.99
		228.2	411.6	24.70	445.6	29.62	485.6	34.53	527.6	38.96	543.6	39.96	564.8	40.98	580.4	41.50
	113	60.8	369.6	30.67	400.0	35.57	436.0	41.52	473.6	46.70	488.0	47.83	507.2	48.98	520.8	49.87
		76.1	369.6	30.06	400.0	35.01	436.0	40.84	473.6	45.95	488.0	47.06	507.2	48.21	520.8	49.10
		152.1	369.6	27.64	400.0	32.78	436.0	38.16	473.6	42.95	488.0	44.03	507.2	45.18	520.8	46.03
		190.1	369.6	26.83	400.0	32.05	436.0	37.35	473.6	42.15	488.0	43.18	507.2	44.34	520.8	44.99
		228.2	369.6	26.43	400.0	31.69	436.0	36.95	473.6	41.75	488.0	42.76	507.2	43.92	520.8	44.47
110	23	40.1	478.4	10.19	517.6	11.84	564.0	13.79	612.8	15.53	630.8	15.94	655.2	16.25	674.1	16.65
	32	45.0	478.4	10.19	517.6	11.84	564.0	13.79	612.8	15.53	630.8	15.94	655.2	16.25	674.1	16.65
	41	51.7	478.4	10.19	517.6	11.84	564.0	13.79	612.8	15.53	630.8	15.94	655.2	16.25	674.1	16.65
	50	60.8	478.4	10.19	517.6	11.84	564.0	13.79	612.8	15.53	630.8	15.94	655.2	16.25	674.1	16.65
		76.1	478.4	9.99	517.6	11.65	564.0	13.57	612.8	15.27	630.8	15.69	655.2	16.01	674.1	16.39
		152.1	478.4	9.17	517.6	10.91	564.0	12.73	612.8	14.27	630.8	14.69	655.2	15.06	674.1	15.35
		190.1	478.4	8.91	517.6	10.69	564.0	12.43	612.8	14.06	630.8	14.39	655.2	14.76	674.1	14.90
		228.2	478.4	8.78	517.6	10.58	564.0	12.28	612.8	13.95	630.8	14.24	655.2	14.61	674.1	14.68
	59	60.8	475.2	13.67	514.4	15.88	560.4	18.49	609.2	20.84	627.2	21.34	651.6	21.84	670.0	22.27
		76.1	475.2	13.40	514.4	15.62	560.4	18.20	609.2	20.50	627.2	21.00	651.6	21.50	670.0	21.92
		152.1	475.2	12.32	514.4	14.63	560.4	17.04	609.2	19.15	627.2	19.65	651.6	20.15	670.0	20.54
		190.1	475.2	11.98	514.4	14.32	560.4	16.66	609.2	18.81	627.2	19.27	651.6	19.77	670.0	20.00
		228.2	475.2	11.80	514.4	14.17	560.4	16.47	609.2	18.64	627.2	19.08	651.6	19.58	670.0	19.73
	67	60.8	472.4	16.76	511.6	19.47	557.2	22.66	606.0	25.56	624.0	26.14	648.4	26.80	666.4	27.26
		76.1	472.4	16.43	511.6	19.15	557.2	22.30	606.0	25.14	624.0	25.72	648.4	26.37	666.4	26.83
		152.1	472.4	15.12	511.6	17.93	557.2	20.88	606.0	23.49	624.0	24.07	648.4	24.68	666.4	25.14
		190.1	472.4	14.70	511.6	17.54	557.2	20.42	606.0	23.03	624.0	23.61	648.4	24.22	666.4	24.53
		228.2	472.4	14.49	511.6	17.35	557.2	20.19	606.0	22.80	624.0	23.38	648.4	23.99	666.4	24.22
	75	60.8	472.4	20.52	511.6	23.84	557.2	27.78	606.0	31.29	624.0	32.03	648.4	32.80	666.4	33.38
		76.1	472.4	20.11	511.6	23.45	557.2	27.33	606.0	30.79	624.0	31.52	648.4	32.28	666.4	32.86
		152.1	472.4	18.50	511.6	21.92	557.2	25.57	606.0	28.79	624.0	29.48	648.4	30.25	666.4	30.79
		190.1	472.4	18.00	511.6	21.46	557.2	25.03	606.0	28.21	624.0	28.90	648.4	29.67	666.4	30.02
		228.2	472.4	17.75	511.6	21.23	557.2	24.76	606.0	27.93	624.0	28.62	648.4	29.39	666.4	29.64
	86	60.8	472.4	25.03	511.6	29.06	557.2	33.87	606.0	38.11	624.0	39.05	648.4	39.98	666.4	40.72
		76.1	472.4	24.53	511.6	28.60	557.2	33.32	606.0	37.50	624.0	38.42	648.4	39.35	666.4	40.08
		152.1	472.4	22.53	511.6	26.76	557.2	31.13	606.0	35.09	624.0	35.93	648.4	36.85	666.4	37.54
		190.1	472.4	21.92	511.6	26.18	557.2	30.52	606.0	34.39	624.0	35.24	648.4	36.16	666.4	36.62
		228.2	472.4	21.61	511.6	25.89	557.2	30.21	606.0	34.05	624.0	34.89	648.4	35.82	666.4	36.16
	95	60.8	440.4	26.00	476.8	30.24	519.2	35.19	564.4	39.64	581.2	40.57	604.0	41.58	620.8	42.31
		76.1	440.4	25.49	476.8	29.75	519.2	34.62	564.4	39.00	581.2	39.92	604.0	40.92	620.8	41.65
		152.1	440.4	23.45	476.8	27.79	519.2	32.40	564.4	36.47	581.2	37.35	604.0	38.31	620.8	39.04
		190.1	440.4	22.80	476.8	27.22	519.2	31.71	564.4	35.74	581.2	36.66	604.0	37.58	620.8	38.08
		228.2	440.4	22.48	476.8	26.93	519.2	31.36	564.4	35.37	581.2	36.32	604.0	37.22	620.8	37.60

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

Due to our policy of continuous product innovation, some specifications may change without notification.
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COOLING CAPACITY DATA

ARWN576DAS4, ARWB576DAS4

576,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
110	104	60.8	408.0	28.59	442.0	33.20	481.2	38.66	523.2	43.54	538.8	44.59	559.6	45.67	575.2	46.48
		76.1	408.0	28.02	442.0	32.67	481.2	38.04	523.2	42.84	538.8	43.88	559.6	44.95	575.2	45.76
		152.1	408.0	25.76	442.0	30.56	481.2	35.58	523.2	40.08	538.8	41.04	559.6	42.11	575.2	42.88
		190.1	408.0	25.03	442.0	29.90	481.2	34.85	523.2	39.27	538.8	40.27	559.6	41.30	575.2	41.80
		228.2	408.0	24.66	442.0	29.58	481.2	34.49	523.2	38.87	538.8	39.89	559.6	40.90	575.2	41.27
	113	60.8	375.6	31.19	407.2	36.16	443.2	42.14	482.0	47.43	496.4	48.61	515.2	49.76	529.6	50.66
		76.1	375.6	30.56	407.2	35.58	443.2	41.46	482.0	46.68	496.4	47.83	515.2	48.98	529.6	49.86
		152.1	375.6	28.06	407.2	33.32	443.2	38.77	482.0	43.68	496.4	44.72	515.2	45.91	529.6	46.72
		190.1	375.6	27.25	407.2	32.59	443.2	38.00	482.0	42.80	496.4	43.88	515.2	45.03	529.6	45.53
		228.2	375.6	26.85	407.2	32.23	443.2	37.62	482.0	42.36	496.4	43.46	515.2	44.59	529.6	44.93
100	23	40.1	449.2	9.65	486.4	11.18	530.0	13.04	576.0	14.69	593.2	15.03	616.4	15.41	633.6	15.61
	32	45.0	449.2	9.65	486.4	11.18	530.0	13.04	576.0	14.69	593.2	15.03	616.4	15.41	633.6	15.61
	41	51.7	449.2	9.65	486.4	11.18	530.0	13.04	576.0	14.69	593.2	15.03	616.4	15.41	633.6	15.61
	50	60.8	449.2	9.65	486.4	11.18	530.0	13.04	576.0	14.69	593.2	15.03	616.4	15.41	633.6	15.61
		76.1	449.2	9.46	486.4	11.01	530.0	12.82	576.0	14.44	593.2	14.77	616.4	15.14	633.6	15.36
		152.1	449.2	8.68	486.4	10.31	530.0	11.92	576.0	13.48	593.2	13.77	616.4	14.10	633.6	14.36
		190.1	449.2	8.38	486.4	10.04	530.0	11.75	576.0	13.18	593.2	13.56	616.4	13.84	633.6	13.99
		228.2	449.2	8.23	486.4	9.91	530.0	11.66	576.0	13.03	593.2	13.45	616.4	13.71	633.6	13.81
	59	60.8	449.2	13.04	486.4	15.14	530.0	17.64	576.0	19.86	593.2	20.33	616.4	20.84	633.6	21.18
		76.1	449.2	12.78	486.4	14.89	530.0	17.35	576.0	19.54	593.2	20.00	616.4	20.50	633.6	20.84
		152.1	449.2	11.75	486.4	13.93	530.0	16.20	576.0	18.27	593.2	18.69	616.4	19.15	633.6	19.50
		190.1	449.2	11.40	486.4	13.63	530.0	15.89	576.0	17.89	593.2	18.35	616.4	18.81	633.6	19.00
		228.2	449.2	11.23	486.4	13.47	530.0	15.74	576.0	17.70	593.2	18.18	616.4	18.64	633.6	18.75
	67	60.8	449.2	16.06	486.4	18.65	530.0	21.73	576.0	24.46	593.2	25.04	616.4	25.67	633.6	26.14
		76.1	449.2	15.74	486.4	18.35	530.0	21.38	576.0	24.07	593.2	24.64	616.4	25.26	633.6	25.72
		152.1	449.2	14.47	486.4	17.16	530.0	20.00	576.0	22.53	593.2	23.07	616.4	23.65	633.6	24.07
		190.1	449.2	14.09	486.4	16.81	530.0	19.58	576.0	22.07	593.2	22.61	616.4	23.22	633.6	23.45
		228.2	449.2	13.90	486.4	16.64	530.0	19.37	576.0	21.84	593.2	22.38	616.4	23.01	633.6	23.15
	75	60.8	449.2	19.58	486.4	22.75	530.0	26.54	576.0	29.85	593.2	30.54	616.4	31.33	633.6	31.87
		76.1	449.2	19.19	486.4	22.38	530.0	26.10	576.0	29.37	593.2	30.06	616.4	30.82	633.6	31.36
		152.1	449.2	17.66	486.4	20.92	530.0	24.38	576.0	27.45	593.2	28.14	616.4	28.83	633.6	29.37
		190.1	449.2	17.16	486.4	20.50	530.0	23.88	576.0	26.91	593.2	27.60	616.4	28.29	633.6	28.60
		228.2	449.2	16.91	486.4	20.29	530.0	23.63	576.0	26.64	593.2	27.33	616.4	28.02	633.6	28.22
	86	60.8	449.2	24.08	486.4	28.02	530.0	32.62	576.0	36.71	593.2	37.62	616.4	38.50	633.6	39.20
		76.1	449.2	23.61	486.4	27.56	530.0	32.09	576.0	36.12	593.2	37.00	616.4	37.89	633.6	38.58
		152.1	449.2	21.73	486.4	25.76	530.0	29.98	576.0	33.78	593.2	34.59	616.4	35.47	633.6	36.12
		190.1	449.2	21.11	486.4	25.22	530.0	29.37	576.0	33.13	593.2	33.93	616.4	34.82	633.6	35.16
		228.2	449.2	20.81	486.4	24.95	530.0	29.06	576.0	32.80	593.2	33.61	616.4	34.49	633.6	34.68
	95	60.8	426.8	25.42	462.4	29.53	503.6	34.41	547.2	38.74	563.6	39.68	585.6	40.65	602.0	41.39
		76.1	426.8	24.91	462.4	29.06	503.6	33.86	547.2	38.12	563.6	39.04	585.6	40.00	602.0	40.73
		152.1	426.8	22.92	462.4	27.18	503.6	31.67	547.2	35.66	563.6	36.51	585.6	37.43	602.0	38.12
		190.1	426.8	22.30	462.4	26.60	503.6	31.02	547.2	34.97	563.6	35.81	585.6	36.74	602.0	37.12
		228.2	426.8	22.00	462.4	26.32	503.6	30.69	547.2	34.63	563.6	35.47	585.6	36.39	602.0	36.62
	104	60.8	404.4	28.51	438.0	33.17	476.8	38.63	518.4	43.51	534.0	44.52	554.8	45.60	570.4	46.42
		76.1	404.4	27.95	438.0	32.63	476.8	38.00	518.4	42.80	534.0	43.80	554.8	44.87	570.4	45.68
		152.1	404.4	25.72	438.0	30.48	476.8	35.51	518.4	40.00	534.0	40.96	554.8	41.99	570.4	42.76
		190.1	404.4	24.99	438.0	29.83	476.8	34.78	518.4	39.23	534.0	40.19	554.8	41.23	570.4	41.65
		228.2	404.4	24.63	438.0	29.50	476.8	34.42	518.4	38.85	534.0	39.81	554.8	40.84	570.4	41.10
	113	60.8	382.0	31.60	413.6	36.81	450.0	42.86	489.6	48.28	504.4	49.35	524.0	50.55	538.8	51.45
		76.1	382.0	30.98	413.6	36.20	450.0	42.15	489.6	47.48	504.4	48.56	524.0	49.75	538.8	50.63
		152.1	382.0	28.52	413.6	33.78	450.0	39.35	489.6	44.34	504.4	45.41	524.0	46.56	538.8	47.41
		190.1	382.0	27.68	413.6	33.05	450.0	38.54	489.6	43.49	504.4	44.57	524.0	45.72	538.8	46.18
		228.2	382.0	27.26	413.6	32.69	450.0	38.14	489.6	43.07	504.4	44.15	524.0	45.30	538.8	45.57
90	23	40.1	404.4	8.25	438.0	9.61	476.8	11.17	518.4	12.62	534.0	12.87	554.8	13.15	570.4	13.47
	32	45.0	404.4	8.25	438.0	9.61	476.8	11.17	518.4	12.62	534.0	12.87	554.8	13.15	570.4	13.47
	41	51.7	404.4	8.25	438.0	9.61	476.8	11.17	518.4	12.62	534.0	12.87	554.8	13.15	570.4	13.47
	50	60.8	404.4	8.25	438.0	9.61	476.8	11.17	518.4	12.62	534.0	12.87	554.8	13.15	570.4	13.47
		76.1	404.4	8.09	438.0	9.45	476.8	11.00	518.4	12.41	534.0	12.66	554.8	12.96	570.4	13.26
		152.1	404.4	7.42	438.0	8.82	476.8	10.35	518.4	11.55	534.0	11.85	554.8	12.19	570.4	12.41
		190.1	404.4	7.24	438.0	8.60	476.8	10.08	518.4	11.33	534.0	11.63	554.8	11.97	570.4	12.03
		228.2	404.4	7.15	438.0	8.49	476.8	9.95	518.4	11.22	534.0	11.52	554.8	11.86	570.4	11.85

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

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COOLING CAPACITY DATA

ARWN576DAS4, ARWB576DAS4

576,000 Btu/h, Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
90	59	60.8	404.4	11.20	438.0	13.03	476.8	15.17	518.4	17.09	534.0	17.48	554.8	17.90	570.4	18.26
		76.1	404.4	10.98	438.0	12.82	476.8	14.93	518.4	16.81	534.0	17.20	554.8	17.62	570.4	17.96
		152.1	404.4	10.10	438.0	11.98	476.8	13.97	518.4	15.70	534.0	16.08	554.8	16.51	570.4	16.81
		190.1	404.4	9.83	438.0	11.71	476.8	13.67	518.4	15.39	534.0	15.78	554.8	16.20	570.4	16.35
		228.2	404.4	9.69	438.0	11.57	476.8	13.51	518.4	15.24	534.0	15.62	554.8	16.05	570.4	16.12
	67	60.8	404.4	13.82	438.0	16.08	476.8	18.74	518.4	21.07	534.0	21.58	554.8	22.12	570.4	22.51
		76.1	404.4	13.55	438.0	15.82	476.8	18.43	518.4	20.73	534.0	21.23	554.8	21.77	570.4	22.15
		152.1	404.4	12.48	438.0	14.78	476.8	17.20	518.4	19.39	534.0	19.85	554.8	20.34	570.4	20.73
		190.1	404.4	12.13	438.0	14.47	476.8	16.85	518.4	19.00	534.0	19.46	554.8	19.96	570.4	20.19
		228.2	404.4	11.96	438.0	14.32	476.8	16.68	518.4	18.81	534.0	19.27	554.8	19.77	570.4	19.92
	75	60.8	404.4	16.84	438.0	19.59	476.8	22.82	518.4	25.71	534.0	26.29	554.8	26.95	570.4	27.42
		76.1	404.4	16.51	438.0	19.27	476.8	22.46	518.4	25.30	534.0	25.87	554.8	26.52	570.4	26.99
		152.1	404.4	15.20	438.0	18.00	476.8	21.00	518.4	23.65	534.0	24.22	554.8	24.84	570.4	25.26
		190.1	404.4	14.78	438.0	17.62	476.8	20.58	518.4	23.19	534.0	23.76	554.8	24.38	570.4	24.61
		228.2	404.4	14.57	438.0	17.43	476.8	20.36	518.4	22.96	534.0	23.53	554.8	24.15	570.4	24.28
	86	60.8	404.4	20.71	438.0	24.12	476.8	28.05	518.4	31.61	534.0	32.34	554.8	33.16	570.4	33.74
		76.1	404.4	20.31	438.0	23.72	476.8	27.60	518.4	31.09	534.0	31.82	554.8	32.63	570.4	33.20
		152.1	404.4	18.69	438.0	22.15	476.8	25.83	518.4	29.06	534.0	29.79	554.8	30.52	570.4	31.09
		190.1	404.4	18.20	438.0	21.69	476.8	25.30	518.4	28.52	534.0	29.21	554.8	29.98	570.4	30.25
		228.2	404.4	17.95	438.0	21.46	476.8	25.03	518.4	28.25	534.0	28.93	554.8	29.71	570.4	29.83
	95	60.8	393.2	22.36	425.6	25.98	463.6	30.27	504.0	34.10	519.2	34.92	539.2	35.77	554.4	36.39
		76.1	393.2	21.92	425.6	25.57	463.6	29.79	504.0	33.55	519.2	34.36	539.2	35.20	554.4	35.81
		152.1	393.2	20.15	425.6	23.91	463.6	27.87	504.0	31.36	519.2	32.13	539.2	32.94	554.4	33.55
		190.1	393.2	19.62	425.6	23.42	463.6	27.29	504.0	30.75	519.2	31.52	539.2	32.32	554.4	32.67
		228.2	393.2	19.35	425.6	23.17	463.6	27.01	504.0	30.44	519.2	31.21	539.2	32.02	554.4	32.23
	104	60.8	382.0	25.69	413.6	29.84	450.4	34.80	489.6	39.17	504.4	40.11	524.0	41.07	538.4	41.81
		76.1	382.0	25.18	413.6	29.37	450.4	34.24	489.6	38.54	504.4	39.46	524.0	40.42	538.4	41.15
		152.1	382.0	23.19	413.6	27.48	450.4	32.01	489.6	36.04	504.4	36.89	524.0	37.85	538.4	38.54
		190.1	382.0	22.53	413.6	26.87	450.4	31.36	489.6	35.32	504.4	36.20	524.0	37.12	538.4	37.50
		228.2	382.0	22.21	413.6	26.56	450.4	31.04	489.6	34.95	504.4	35.85	524.0	36.76	538.4	36.99
	113	60.8	370.8	29.01	401.6	33.70	437.2	39.33	475.2	44.24	489.6	45.30	508.8	46.37	522.4	47.23
		76.1	370.8	28.44	401.6	33.17	437.2	38.69	475.2	43.53	489.6	44.57	508.8	45.64	522.4	46.49
		152.1	370.8	26.22	401.6	31.05	437.2	36.16	475.2	40.73	489.6	41.65	508.8	42.76	522.4	43.53
		190.1	370.8	25.45	401.6	30.33	437.2	35.43	475.2	39.88	489.6	40.88	508.8	41.92	522.4	42.34
		228.2	370.8	25.07	401.6	29.96	437.2	35.07	475.2	39.46	489.6	40.50	508.8	41.50	522.4	41.75
80	23	40.1	359.6	6.92	389.2	8.07	424.0	9.38	460.8	10.54	474.8	10.81	493.2	11.08	506.8	11.25
	32	45.0	359.6	6.92	389.2	8.07	424.0	9.38	460.8	10.54	474.8	10.81	493.2	11.08	506.8	11.25
	41	51.7	359.6	6.92	389.2	8.07	424.0	9.38	460.8	10.54	474.8	10.81	493.2	11.08	506.8	11.25
	50	60.8	359.6	6.92	389.2	8.07	424.0	9.38	460.8	10.54	474.8	10.81	493.2	11.08	506.8	11.25
		76.1	359.6	6.79	389.2	7.94	424.0	9.23	460.8	10.37	474.8	10.63	493.2	10.89	506.8	11.07
		152.1	359.6	6.28	389.2	7.42	424.0	8.64	460.8	9.71	474.8	9.93	493.2	10.15	506.8	10.37
		190.1	359.6	6.09	389.2	7.24	424.0	8.50	460.8	9.57	474.8	9.79	493.2	10.05	506.8	10.08
		228.2	359.6	6.00	389.2	7.14	424.0	8.43	460.8	9.50	474.8	9.72	493.2	10.00	506.8	9.93
	59	60.8	359.6	9.40	389.2	10.92	424.0	12.72	460.8	14.32	474.8	14.68	493.2	15.02	506.8	15.29
		76.1	359.6	9.21	389.2	10.75	424.0	12.51	460.8	14.09	474.8	14.43	493.2	14.78	506.8	15.05
		152.1	359.6	8.48	389.2	10.06	424.0	11.71	460.8	13.17	474.8	13.47	493.2	13.82	506.8	14.09
		190.1	359.6	8.25	389.2	9.83	424.0	11.48	460.8	12.94	474.8	13.24	493.2	13.59	506.8	13.70
		228.2	359.6	8.14	389.2	9.71	424.0	11.36	460.8	12.82	474.8	13.13	493.2	13.47	506.8	13.51
	67	60.8	359.6	11.60	389.2	13.46	424.0	15.68	460.8	17.68	474.8	18.11	493.2	18.52	506.8	18.88
		76.1	359.6	11.36	389.2	13.24	424.0	15.43	460.8	17.39	474.8	17.81	493.2	18.23	506.8	18.58
		152.1	359.6	10.44	389.2	12.40	424.0	14.43	460.8	16.24	474.8	16.62	493.2	17.08	506.8	17.39
		190.1	359.6	10.17	389.2	12.13	424.0	14.13	460.8	15.93	474.8	16.31	493.2	16.74	506.8	16.93
		228.2	359.6	10.04	389.2	12.00	424.0	13.97	460.8	15.78	474.8	16.16	493.2	16.56	506.8	16.70
	75	60.8	359.6	14.14	389.2	16.42	424.0	19.12	460.8	21.54	474.8	22.04	493.2	22.58	506.8	23.02
		76.1	359.6	13.86	389.2	16.16	424.0	18.81	460.8	21.19	474.8	21.69	493.2	22.23	506.8	22.65
		152.1	359.6	12.74	389.2	15.12	424.0	17.58	460.8	19.81	474.8	20.31	493.2	20.81	506.8	21.19
		190.1	359.6	12.40	389.2	14.78	424.0	17.24	460.8	19.42	474.8	19.92	493.2	20.42	506.8	20.61
		228.2	359.6	12.23	389.2	14.61	424.0	17.06	460.8	19.23	474.8	19.73	493.2	20.23	506.8	20.33

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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COOLING CAPACITY DATA

ARWN576DAS4, ARWB576DAS4

576,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
80	86	60.8	359.6	17.39	389.2	20.21	424.0	23.53	460.8	26.49	474.8	27.11	493.2	27.77	506.8	28.28
		76.1	359.6	17.04	389.2	19.88	424.0	23.15	460.8	26.06	474.8	26.68	493.2	27.33	506.8	27.83
		152.1	359.6	15.66	389.2	18.58	424.0	21.65	460.8	24.38	474.8	24.95	493.2	25.60	506.8	26.06
		190.1	359.6	15.24	389.2	18.20	424.0	21.19	460.8	23.91	474.8	24.49	493.2	25.10	506.8	25.37
		228.2	359.6	15.03	389.2	18.00	424.0	20.96	460.8	23.69	474.8	24.26	493.2	24.86	506.8	25.03
	95	60.8	359.6	19.30	389.2	22.43	424.0	26.14	460.8	29.46	474.8	30.17	493.2	30.90	506.8	31.44
		76.1	359.6	18.92	389.2	22.07	424.0	25.72	460.8	28.98	474.8	29.67	493.2	30.40	506.8	30.94
		152.1	359.6	17.43	389.2	20.65	424.0	24.07	460.8	27.10	474.8	27.71	493.2	28.44	506.8	28.94
		190.1	359.6	16.93	389.2	20.19	424.0	23.57	460.8	26.56	474.8	27.22	493.2	27.91	506.8	28.18
		228.2	359.6	16.68	389.2	19.96	424.0	23.32	460.8	26.30	474.8	26.97	493.2	27.64	506.8	27.79
	104	60.8	359.6	22.87	389.2	26.57	424.0	30.98	460.8	34.88	474.8	35.71	493.2	36.55	506.8	37.21
		76.1	359.6	22.42	389.2	26.14	424.0	30.48	460.8	34.32	474.8	35.12	493.2	35.97	506.8	36.62
		152.1	359.6	20.61	389.2	24.45	424.0	28.48	460.8	32.09	474.8	32.82	493.2	33.66	506.8	34.28
		190.1	359.6	20.04	389.2	23.91	424.0	27.91	460.8	31.44	474.8	32.21	493.2	33.05	506.8	33.40
		228.2	359.6	19.75	389.2	23.65	424.0	27.62	460.8	31.11	474.8	31.90	493.2	32.75	506.8	32.96
	113	60.8	359.6	26.44	389.2	30.70	424.0	35.83	460.8	40.30	474.8	41.24	493.2	42.20	506.8	42.98
		76.1	359.6	25.91	389.2	30.21	424.0	35.24	460.8	39.65	474.8	40.57	493.2	41.53	506.8	42.30
		152.1	359.6	23.80	389.2	28.25	424.0	32.90	460.8	37.08	474.8	37.93	493.2	38.89	506.8	39.61
		190.1	359.6	23.15	389.2	27.64	424.0	32.24	460.8	36.31	474.8	37.20	493.2	38.19	506.8	38.62
		228.2	359.6	22.82	389.2	27.33	424.0	31.92	460.8	35.93	474.8	36.83	493.2	37.85	506.8	38.12
70	23	40.1	314.4	5.72	340.4	6.71	370.8	7.82	403.2	8.79	415.2	8.96	431.6	9.18	443.6	9.38
	32	45.0	314.4	5.72	340.4	6.71	370.8	7.82	403.2	8.79	415.2	8.96	431.6	9.18	443.6	9.38
	41	51.7	314.4	5.72	340.4	6.71	370.8	7.82	403.2	8.79	415.2	8.96	431.6	9.18	443.6	9.38
	50	60.8	314.4	5.72	340.4	6.71	370.8	7.82	403.2	8.79	415.2	8.96	431.6	9.18	443.6	9.38
		76.1	314.4	5.61	340.4	6.61	370.8	7.68	403.2	8.64	415.2	8.82	431.6	9.04	443.6	9.23
		152.1	314.4	5.17	340.4	6.21	370.8	7.12	403.2	8.05	415.2	8.27	431.6	8.49	443.6	8.64
		190.1	314.4	5.02	340.4	6.02	370.8	7.02	403.2	7.94	415.2	8.12	431.6	8.31	443.6	8.42
		228.2	314.4	4.94	340.4	5.92	370.8	6.96	403.2	7.89	415.2	8.05	431.6	8.21	443.6	8.31
	59	60.8	314.4	7.79	340.4	9.09	370.8	10.58	403.2	11.90	415.2	12.17	431.6	12.48	443.6	12.72
		76.1	314.4	7.64	340.4	8.94	370.8	10.40	403.2	11.71	415.2	11.98	431.6	12.28	443.6	12.51
		152.1	314.4	7.02	340.4	8.37	370.8	9.71	403.2	10.94	415.2	11.21	431.6	11.52	443.6	11.71
		190.1	314.4	6.83	340.4	8.18	370.8	9.52	403.2	10.75	415.2	11.02	431.6	11.29	443.6	11.40
		228.2	314.4	6.74	340.4	8.08	370.8	9.42	403.2	10.65	415.2	10.92	431.6	11.17	443.6	11.25
	67	60.8	314.4	9.64	340.4	11.20	370.8	13.02	403.2	14.67	415.2	15.02	431.6	15.41	443.6	15.68
		76.1	314.4	9.44	340.4	11.02	370.8	12.82	403.2	14.43	415.2	14.78	431.6	15.16	443.6	15.43
		152.1	314.4	8.68	340.4	10.29	370.8	12.01	403.2	13.51	415.2	13.82	431.6	14.20	443.6	14.43
		190.1	314.4	8.45	340.4	10.10	370.8	11.75	403.2	13.24	415.2	13.59	431.6	13.93	443.6	14.05
		228.2	314.4	8.33	340.4	10.00	370.8	11.61	403.2	13.11	415.2	13.47	431.6	13.80	443.6	13.86
	75	60.8	314.4	11.75	340.4	13.66	370.8	15.92	403.2	17.91	415.2	18.34	431.6	18.80	443.6	19.11
		76.1	314.4	11.52	340.4	13.44	370.8	15.66	403.2	17.62	415.2	18.04	431.6	18.50	443.6	18.81
		152.1	314.4	10.59	340.4	12.55	370.8	14.63	403.2	16.47	415.2	16.85	431.6	17.31	443.6	17.62
		190.1	314.4	10.29	340.4	12.28	370.8	14.32	403.2	16.16	415.2	16.54	431.6	16.97	443.6	17.16
		228.2	314.4	10.13	340.4	12.15	370.8	14.17	403.2	16.01	415.2	16.39	431.6	16.79	443.6	16.93
	86	60.8	314.4	14.46	340.4	16.78	370.8	19.54	403.2	22.05	415.2	22.55	431.6	23.09	443.6	23.53
		76.1	314.4	14.16	340.4	16.51	370.8	19.23	403.2	21.69	415.2	22.19	431.6	22.72	443.6	23.15
		152.1	314.4	13.01	340.4	15.43	370.8	18.00	403.2	20.27	415.2	20.77	431.6	21.27	443.6	21.65
		190.1	314.4	12.67	340.4	15.12	370.8	17.62	403.2	19.88	415.2	20.34	431.6	20.88	443.6	21.11
		228.2	314.4	12.50	340.4	14.97	370.8	17.43	403.2	19.69	415.2	20.13	431.6	20.69	443.6	20.85
	95	60.8	314.4	16.06	340.4	18.65	370.8	21.73	403.2	24.46	415.2	25.04	431.6	25.67	443.6	26.14
		76.1	314.4	15.74	340.4	18.35	370.8	21.38	403.2	24.07	415.2	24.64	431.6	25.26	443.6	25.72
		152.1	314.4	14.47	340.4	17.16	370.8	20.00	403.2	22.53	415.2	23.07	431.6	23.65	443.6	24.07
		190.1	314.4	14.09	340.4	16.81	370.8	19.58	403.2	22.07	415.2	22.61	431.6	23.19	443.6	23.45
		228.2	314.4	13.90	340.4	16.64	370.8	19.37	403.2	21.84	415.2	22.38	431.6	22.96	443.6	23.15
	104	60.8	314.4	19.03	340.4	22.08	370.8	25.75	403.2	28.99	415.2	29.70	431.6	30.39	443.6	30.93
		76.1	314.4	18.66	340.4	21.73	370.8	25.34	403.2	28.52	415.2	29.21	431.6	29.90	443.6	30.44
		152.1	314.4	17.16	340.4	20.34	370.8	23.68	403.2	26.68	415.2	27.29	431.6	27.98	443.6	28.52
		190.1	314.4	16.66	340.4	19.88	370.8	23.19	403.2	26.14	415.2	26.79	431.6	27.48	443.6	27.75
		228.2	314.4	16.41	340.4	19.65	370.8	22.94	403.2	25.87	415.2	26.55	431.6	27.24	443.6	27.37

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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COOLING CAPACITY DATA

ARWN576DAS4, ARWB576DAS4

576,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
70	113	60.8	314.4	22.01	340.4	25.50	370.8	29.77	403.2	33.52	415.2	34.35	431.6	35.11	443.6	35.71
		76.1	314.4	21.57	340.4	25.10	370.8	29.29	403.2	32.97	415.2	33.78	431.6	34.55	443.6	35.16
		152.1	314.4	19.85	340.4	23.53	370.8	27.37	403.2	30.82	415.2	31.52	431.6	32.32	443.6	32.97
		190.1	314.4	19.23	340.4	22.96	370.8	26.79	403.2	30.21	415.2	30.98	431.6	31.78	443.6	32.05
		228.2	314.4	18.93	340.4	22.67	370.8	26.51	403.2	29.90	415.2	30.71	431.6	31.52	443.6	31.59
60	23	40.1	269.6	4.60	292.0	5.28	318.0	6.24	345.6	6.99	356.0	7.16	369.6	7.31	380.0	7.52
	32	45.0	269.6	4.60	292.0	5.28	318.0	6.24	345.6	6.99	356.0	7.16	369.6	7.31	380.0	7.52
	41	51.7	269.6	4.60	292.0	5.28	318.0	6.24	345.6	6.99	356.0	7.16	369.6	7.31	380.0	7.52
	50	60.8	269.6	4.60	292.0	5.28	318.0	6.24	345.6	6.99	356.0	7.16	369.6	7.31	380.0	7.52
		76.1	269.6	4.51	292.0	5.20	318.0	6.13	345.6	6.87	356.0	7.05	369.6	7.20	380.0	7.39
		152.1	269.6	4.14	292.0	4.87	318.0	5.72	345.6	6.38	356.0	6.61	369.6	6.76	380.0	6.87
		190.1	269.6	4.03	292.0	4.84	318.0	5.61	345.6	6.31	356.0	6.50	369.6	6.61	380.0	6.72
		228.2	269.6	3.97	292.0	4.83	318.0	5.56	345.6	6.28	356.0	6.45	369.6	6.53	380.0	6.65
	59	60.8	269.6	6.23	292.0	7.22	318.0	8.43	345.6	9.48	356.0	9.71	369.6	9.94	380.0	10.15
		76.1	269.6	6.10	292.0	7.10	318.0	8.29	345.6	9.33	356.0	9.56	369.6	9.79	380.0	9.98
		152.1	269.6	5.60	292.0	6.64	318.0	7.75	345.6	8.71	356.0	8.94	369.6	9.17	380.0	9.33
		190.1	269.6	5.45	292.0	6.53	318.0	7.60	345.6	8.56	356.0	8.79	369.6	8.98	380.0	9.10
		228.2	269.6	5.37	292.0	6.47	318.0	7.52	345.6	8.48	356.0	8.71	369.6	8.89	380.0	8.98
	67	60.8	269.6	7.68	292.0	8.94	318.0	10.38	345.6	11.70	356.0	11.98	369.6	12.29	380.0	12.48
		76.1	269.6	7.52	292.0	8.79	318.0	10.21	345.6	11.52	356.0	11.78	369.6	12.09	380.0	12.28
		152.1	269.6	6.91	292.0	8.21	318.0	9.56	345.6	10.79	356.0	11.02	369.6	11.32	380.0	11.52
		190.1	269.6	6.72	292.0	8.02	318.0	9.37	345.6	10.56	356.0	10.82	369.6	11.09	380.0	11.21
		228.2	269.6	6.62	292.0	7.93	318.0	9.27	345.6	10.44	356.0	10.73	369.6	10.98	380.0	11.06
	75	60.8	269.6	9.36	292.0	10.88	318.0	12.68	345.6	14.28	356.0	14.64	369.6	14.98	380.0	15.25
		76.1	269.6	9.17	292.0	10.71	318.0	12.48	345.6	14.05	356.0	14.39	369.6	14.74	380.0	15.01
		152.1	269.6	8.45	292.0	10.02	318.0	11.67	345.6	13.13	356.0	13.44	369.6	13.78	380.0	14.05
		190.1	269.6	8.21	292.0	9.79	318.0	11.44	345.6	12.86	356.0	13.20	369.6	13.55	380.0	13.67
		228.2	269.6	8.10	292.0	9.67	318.0	11.32	345.6	12.73	356.0	13.09	369.6	13.44	380.0	13.47
	86	60.8	269.6	11.51	292.0	13.38	318.0	15.61	345.6	17.56	356.0	17.99	369.6	18.41	380.0	18.76
		76.1	269.6	11.29	292.0	13.17	318.0	15.35	345.6	17.27	356.0	17.70	369.6	18.12	380.0	18.46
		152.1	269.6	10.40	292.0	12.32	318.0	14.36	345.6	16.16	356.0	16.54	369.6	16.97	380.0	17.27
		190.1	269.6	10.10	292.0	12.05	318.0	14.05	345.6	15.85	356.0	16.24	369.6	16.66	380.0	16.81
		228.2	269.6	9.94	292.0	11.92	318.0	13.90	345.6	15.70	356.0	16.08	369.6	16.51	380.0	16.58
	95	60.8	269.6	12.80	292.0	14.87	318.0	17.32	345.6	19.50	356.0	19.97	369.6	20.48	380.0	20.83
		76.1	269.6	12.55	292.0	14.63	318.0	17.04	345.6	19.19	356.0	19.65	369.6	20.15	380.0	20.50
		152.1	269.6	11.55	292.0	13.67	318.0	15.93	345.6	17.96	356.0	18.39	369.6	18.85	380.0	19.19
		190.1	269.6	11.21	292.0	13.40	318.0	15.62	345.6	17.58	356.0	18.04	369.6	18.50	380.0	18.69
		228.2	269.6	11.04	292.0	13.26	318.0	15.47	345.6	17.39	356.0	17.87	369.6	18.33	380.0	18.45
	104	60.8	269.6	15.16	292.0	17.64	318.0	20.52	345.6	23.09	356.0	23.64	369.6	24.23	380.0	24.70
		76.1	269.6	14.86	292.0	17.35	318.0	20.19	345.6	22.72	356.0	23.26	369.6	23.84	380.0	24.30
		152.1	269.6	13.67	292.0	16.20	318.0	18.89	345.6	21.27	356.0	21.77	369.6	22.30	380.0	22.72
		190.1	269.6	13.28	292.0	15.85	318.0	18.50	345.6	20.84	356.0	21.34	369.6	21.92	380.0	22.11
		228.2	269.6	13.09	292.0	15.68	318.0	18.31	345.6	20.63	356.0	21.13	369.6	21.73	380.0	21.80
	113	60.8	269.6	17.51	292.0	20.42	318.0	23.72	345.6	26.68	356.0	27.31	369.6	27.97	380.0	28.56
		76.1	269.6	17.16	292.0	20.08	318.0	23.34	345.6	26.26	356.0	26.87	369.6	27.52	380.0	28.10
		152.1	269.6	15.78	292.0	18.73	318.0	21.84	345.6	24.57	356.0	25.14	369.6	25.76	380.0	26.26
		190.1	269.6	15.35	292.0	18.31	318.0	21.38	345.6	24.11	356.0	24.64	369.6	25.34	380.0	25.53
		228.2	269.6	15.14	292.0	18.10	318.0	21.15	345.6	23.88	356.0	24.40	369.6	25.12	380.0	25.16
50	23	40.1	224.8	3.48	243.2	3.93	264.8	4.60	288.0	5.15	296.8	5.37	308.0	5.43	316.8	5.61
	32	45.0	224.8	3.48	243.2	3.93	264.8	4.60	288.0	5.15	296.8	5.37	308.0	5.43	316.8	5.61
	41	51.7	224.8	3.48	243.2	3.93	264.8	4.60	288.0	5.15	296.8	5.37	308.0	5.43	316.8	5.61
	50	60.8	224.8	3.48	243.2	3.93	264.8	4.60	288.0	5.15	296.8	5.37	308.0	5.43	316.8	5.61
		76.1	224.8	3.40	243.2	3.87	264.8	4.54	288.0	5.09	296.8	5.28	308.0	5.35	316.8	5.50
		152.1	224.8	3.10	243.2	3.66	264.8	4.28	288.0	4.84	296.8	4.95	308.0	5.02	316.8	5.09
		190.1	224.8	2.99	243.2	3.62	264.8	4.21	288.0	4.69	296.8	4.80	308.0	4.95	316.8	5.02
		228.2	224.8	2.93	243.2	3.61	264.8	4.18	288.0	4.61	296.8	4.72	308.0	4.91	316.8	4.99
	59	60.8	224.8	4.66	243.2	5.38	264.8	6.28	288.0	7.05	296.8	7.26	308.0	7.41	316.8	7.57
		76.1	224.8	4.57	243.2	5.30	264.8	6.18	288.0	6.95	296.8	7.14	308.0	7.29	316.8	7.45
		152.1	224.8	4.18	243.2	4.95	264.8	5.80	288.0	6.53	296.8	6.68	308.0	6.83	316.8	6.95
		190.1	224.8	4.07	243.2	4.88	264.8	5.68	288.0	6.37	296.8	6.53	308.0	6.72	316.8	6.79
		228.2	224.8	4.01	243.2	4.84	264.8	5.62	288.0	6.30	296.8	6.45	308.0	6.66	316.8	6.72

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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COOLING CAPACITY DATA

ARWN576DAS4, ARWB576DAS4

576,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB / °F WB)													
			68 / 57		73 / 61		79 / 64		80 / 67		85 / 70		88 / 73		91 / 76	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
50	67	60.8	224.8	5.72	243.2	6.68	264.8	7.76	288.0	8.74	296.8	8.94	308.0	9.17	316.8	9.32
		76.1	224.8	5.60	243.2	6.56	264.8	7.64	288.0	8.60	296.8	8.79	308.0	9.02	316.8	9.17
		152.1	224.8	5.14	243.2	6.10	264.8	7.14	288.0	8.02	296.8	8.21	308.0	8.45	316.8	8.60
		190.1	224.8	5.03	243.2	5.99	264.8	6.99	288.0	7.87	296.8	8.06	308.0	8.29	316.8	8.37
		228.2	224.8	4.97	243.2	5.93	264.8	6.91	288.0	7.79	296.8	7.98	308.0	8.22	316.8	8.25
	75	60.8	224.8	6.97	243.2	8.12	264.8	9.43	288.0	10.65	296.8	10.88	308.0	11.15	316.8	11.34
		76.1	224.8	6.83	243.2	7.98	264.8	9.29	288.0	10.48	296.8	10.71	308.0	10.98	316.8	11.17
		152.1	224.8	6.30	243.2	7.45	264.8	8.71	288.0	9.79	296.8	10.02	308.0	10.29	316.8	10.48
		190.1	224.8	6.10	243.2	7.29	264.8	8.52	288.0	9.60	296.8	9.83	308.0	10.10	316.8	10.21
		228.2	224.8	6.01	243.2	7.22	264.8	8.43	288.0	9.50	296.8	9.73	308.0	10.00	316.8	10.08
	86	60.8	224.8	8.57	243.2	9.99	264.8	11.62	288.0	13.11	296.8	13.43	308.0	13.73	316.8	13.97
		76.1	224.8	8.41	243.2	9.83	264.8	11.44	288.0	12.90	296.8	13.20	308.0	13.51	316.8	13.74
		152.1	224.8	7.75	243.2	9.17	264.8	10.71	288.0	12.05	296.8	12.32	308.0	12.67	316.8	12.86
		190.1	224.8	7.52	243.2	8.98	264.8	10.48	288.0	11.82	296.8	12.09	308.0	12.40	316.8	12.55
		228.2	224.8	7.41	243.2	8.89	264.8	10.36	288.0	11.71	296.8	11.98	308.0	12.27	316.8	12.40
	95	60.8	224.8	9.56	243.2	11.08	264.8	12.91	288.0	14.55	296.8	14.91	308.0	15.25	316.8	15.52
		76.1	224.8	9.37	243.2	10.90	264.8	12.71	288.0	14.32	296.8	14.66	308.0	15.01	316.8	15.28
		152.1	224.8	8.60	243.2	10.21	264.8	11.90	288.0	13.40	296.8	13.70	308.0	14.05	316.8	14.32
		190.1	224.8	8.37	243.2	9.98	264.8	11.63	288.0	13.13	296.8	13.44	308.0	13.78	316.8	13.93
		228.2	224.8	8.25	243.2	9.87	264.8	11.50	288.0	12.99	296.8	13.30	308.0	13.65	316.8	13.74
	104	60.8	224.8	11.33	243.2	13.15	264.8	15.29	288.0	17.25	296.8	17.63	308.0	18.05	316.8	18.42
		76.1	224.8	11.09	243.2	12.94	264.8	15.05	288.0	16.97	296.8	17.35	308.0	17.77	316.8	18.12
		152.1	224.8	10.17	243.2	12.09	264.8	14.09	288.0	15.85	296.8	16.24	308.0	16.66	316.8	16.93
		190.1	224.8	9.90	243.2	11.82	264.8	13.78	288.0	15.55	296.8	15.93	308.0	16.31	316.8	16.51
		228.2	224.8	9.77	243.2	11.69	264.8	13.63	288.0	15.39	296.8	15.78	308.0	16.14	316.8	16.30
	113	60.8	224.8	13.09	243.2	15.22	264.8	17.67	288.0	19.95	296.8	20.36	308.0	20.86	316.8	21.32
		76.1	224.8	12.82	243.2	14.97	264.8	17.39	288.0	19.62	296.8	20.04	308.0	20.54	316.8	20.96
		152.1	224.8	11.75	243.2	13.97	264.8	16.28	288.0	18.31	296.8	18.77	308.0	19.27	316.8	19.54
		190.1	224.8	11.44	243.2	13.67	264.8	15.93	288.0	17.96	296.8	18.43	308.0	18.85	316.8	19.08
		228.2	224.8	11.29	243.2	13.51	264.8	15.76	288.0	17.79	296.8	18.25	308.0	18.64	316.8	18.85

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN072DAS4, ARWB072DAS4

72,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
130	23	8.1	38.3	4.15	38.0	3.90	37.8	3.63	37.3	3.53	37.7	3.44	36.7	3.08
		10.2	39.6	4.22	39.3	3.98	39.1	3.71	38.6	3.60	39.0	3.51	38.0	3.15
		20.3	44.8	4.51	44.5	4.28	44.2	4.03	43.6	3.91	44.2	3.80	43.0	3.41
		25.4	49.6	4.79	49.1	4.57	48.8	4.34	48.2	4.23	48.8	4.10	47.5	3.68
		30.5	52.0	4.94	51.5	4.72	51.1	4.50	50.5	4.38	51.2	4.25	49.8	3.81
	32	8.1	68.5	5.67	66.9	5.50	65.5	5.32	64.0	5.17	64.3	5.03	61.3	4.51
		10.2	68.9	5.69	67.3	5.52	65.9	5.34	64.4	5.19	64.6	5.05	61.7	4.52
		20.3	70.5	5.75	68.8	5.57	67.4	5.40	65.9	5.25	66.2	5.10	63.2	4.57
		25.4	71.6	5.75	69.8	5.57	68.4	5.40	66.9	5.25	67.1	5.10	64.1	4.57
		30.5	72.1	5.75	70.4	5.57	68.9	5.40	67.4	5.25	67.6	5.10	64.6	4.57
	41	8.1	98.6	6.10	97.1	5.95	95.1	5.79	92.7	5.63	90.2	5.48	85.2	4.90
		10.2	98.9	6.12	97.3	5.97	95.1	5.82	92.7	5.66	90.2	5.50	85.2	4.93
		20.3	100.3	6.23	98.0	6.08	95.2	5.94	92.7	5.78	90.2	5.61	85.2	5.03
		25.4	100.9	6.27	98.3	6.12	95.2	5.98	92.7	5.82	90.2	5.65	85.2	5.07
		30.5	101.2	6.30	98.4	6.14	95.2	6.00	92.7	5.84	90.2	5.67	85.2	5.08
	50	8.1	98.7	5.55	97.1	5.36	94.8	5.26	92.3	5.14	89.8	4.97	84.9	4.48
		10.2	99.3	5.54	97.6	5.37	95.2	5.27	92.7	5.14	90.2	4.96	85.2	4.48
		20.3	101.6	5.50	99.4	5.39	96.7	5.31	94.2	5.13	91.5	4.95	86.6	4.47
		25.4	102.2	5.57	100.1	5.46	97.3	5.33	94.6	5.15	92.2	5.03	87.1	4.68
		30.5	102.4	5.61	100.4	5.50	97.6	5.34	94.9	5.17	92.5	5.07	87.4	4.78
	59	8.1	98.9	5.00	97.1	4.79	94.4	4.74	91.9	4.66	89.5	4.46	84.5	4.06
		10.2	99.7	4.95	97.9	4.77	95.2	4.72	92.7	4.62	90.2	4.42	85.2	4.03
		20.3	102.9	4.75	100.8	4.68	98.2	4.68	95.7	4.49	92.9	4.29	87.9	3.89
		25.4	103.5	4.87	101.8	4.79	99.4	4.68	96.7	4.49	94.2	4.41	89.0	4.29
		30.5	103.7	4.93	102.3	4.85	100.0	4.68	97.2	4.49	94.8	4.47	89.5	4.49
	68	8.1	102.6	4.59	100.8	4.37	98.1	4.28	95.4	4.14	92.6	4.05	87.1	3.92
		10.2	103.5	4.55	101.6	4.37	98.9	4.27	96.1	4.16	93.4	4.08	87.9	3.89
		20.3	106.7	4.42	104.8	4.36	101.9	4.26	99.2	4.23	96.7	4.19	91.2	3.76
		25.4	107.1	4.42	105.6	4.36	103.1	4.29	100.1	4.23	97.4	4.19	91.9	4.00
		30.5	107.4	4.42	105.9	4.36	103.7	4.30	100.6	4.23	97.8	4.19	92.3	4.12
	77	8.1	108.4	4.37	105.6	4.25	103.1	4.18	101.1	4.11	98.9	4.05	93.2	3.78
		10.2	108.4	4.36	105.6	4.24	103.1	4.16	101.1	4.09	98.9	4.03	93.2	3.76
		20.3	108.4	4.29	105.6	4.21	103.1	4.09	101.1	4.03	98.9	3.96	93.2	3.69
		25.4	108.4	4.23	105.6	4.10	103.1	4.03	101.1	3.96	98.9	3.89	93.2	3.63
		30.5	108.4	4.20	105.6	4.05	103.1	4.00	101.1	3.93	98.9	3.86	93.2	3.60
	86	8.1	108.4	4.26	105.6	4.05	103.1	4.01	101.1	3.91	98.9	3.86	93.2	3.60
		10.2	108.4	4.23	105.6	4.04	103.1	3.99	101.1	3.89	98.9	3.83	93.2	3.56
		20.3	108.4	4.09	105.6	4.01	103.1	3.89	101.1	3.83	98.9	3.69	93.2	3.43
		25.4	108.4	4.03	105.6	3.91	103.1	3.83	101.1	3.76	98.9	3.69	93.2	3.43
		30.5	108.4	4.00	105.6	3.85	103.1	3.80	101.1	3.73	98.9	3.69	93.2	3.43
	95	8.1	108.4	4.06	105.6	3.93	103.1	3.85	101.1	3.71	98.9	3.58	93.2	3.33
		10.2	108.4	4.03	105.6	3.91	103.1	3.83	101.1	3.69	98.9	3.56	93.2	3.30
		20.3	108.4	3.89	105.6	3.82	103.1	3.76	101.1	3.63	98.9	3.50	93.2	3.17
		25.4	108.4	3.89	105.6	3.78	103.1	3.69	101.1	3.56	98.9	3.43	93.2	3.17
		30.5	108.4	3.89	105.6	3.76	103.1	3.66	101.1	3.53	98.9	3.40	93.2	3.17
	104	8.1	108.4	3.92	105.6	3.80	103.1	3.73	101.1	3.60	98.9	3.47	93.2	3.13
		10.2	108.4	3.89	105.6	3.78	103.1	3.69	101.1	3.56	98.9	3.43	93.2	3.10
		20.3	108.4	3.76	105.6	3.68	103.1	3.56	101.1	3.43	98.9	3.30	93.2	2.97
		25.4	108.4	3.69	105.6	3.62	103.1	3.56	101.1	3.43	98.9	3.30	93.2	2.97
		30.5	108.4	3.66	105.6	3.59	103.1	3.56	101.1	3.43	98.9	3.30	93.2	2.97
	113	8.1	108.4	3.79	105.6	3.67	103.1	3.61	101.1	3.48	98.9	3.35	93.2	2.93
		10.2	108.4	3.76	105.6	3.65	103.1	3.56	101.1	3.43	98.9	3.30	93.2	2.90
		20.3	108.4	3.63	105.6	3.55	103.1	3.37	101.1	3.24	98.9	3.10	93.2	2.77
		25.4	108.4	3.50	105.6	3.46	103.1	3.43	101.1	3.30	98.9	3.17	93.2	2.77
		30.5	108.4	3.43	105.6	3.42	103.1	3.47	101.1	3.33	98.9	3.20	93.2	2.77

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN072DAS4, ARWB072DAS4

72,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
120	23	8.1	36.4	4.15	36.1	3.90	35.9	3.63	35.5	3.48	35.8	3.38	34.8	3.03
		10.2	37.7	4.22	37.4	3.98	37.1	3.71	36.7	3.56	37.0	3.45	36.0	3.09
		20.3	42.6	4.51	42.3	4.28	42.0	4.03	41.5	3.86	41.9	3.75	40.8	3.36
		25.4	47.1	4.79	46.7	4.57	46.4	4.34	45.9	4.16	46.3	4.04	45.0	3.62
		30.5	49.3	4.94	49.0	4.72	48.6	4.50	48.1	4.32	48.5	4.19	47.1	3.75
	32	8.1	65.1	5.67	63.5	5.50	62.2	5.32	60.9	5.10	60.9	4.96	58.1	4.43
		10.2	65.5	5.69	63.9	5.52	62.5	5.34	61.3	5.11	61.3	4.97	58.5	4.44
		20.3	67.0	5.75	65.4	5.57	64.0	5.40	62.7	5.18	62.7	5.03	59.9	4.50
		25.4	68.0	5.75	66.5	5.57	65.0	5.40	63.7	5.18	63.6	5.03	60.8	4.50
		30.5	68.6	5.75	67.0	5.57	65.5	5.40	64.2	5.18	64.1	5.03	61.3	4.50
	41	8.1	93.8	6.10	92.4	5.95	90.4	5.79	88.2	5.55	85.4	5.39	80.8	4.83
		10.2	94.2	6.12	92.6	5.97	90.4	5.82	88.2	5.58	85.4	5.42	80.8	4.85
		20.3	95.5	6.23	93.3	6.08	90.4	5.94	88.2	5.69	85.4	5.53	80.8	4.95
		25.4	96.1	6.27	92.8	6.12	90.4	5.98	88.2	5.74	85.4	5.57	80.8	4.98
		30.5	96.3	6.30	92.5	6.14	90.4	6.00	88.2	5.76	85.4	5.59	80.8	5.00
	50	8.1	94.2	5.48	92.4	5.33	90.2	5.22	88.0	5.06	85.2	4.89	80.6	4.40
		10.2	94.6	5.50	92.8	5.35	90.4	5.24	88.2	5.07	85.4	4.89	80.8	4.40
		20.3	96.4	5.57	94.3	5.43	91.4	5.31	89.2	5.09	86.3	4.87	81.6	4.42
		25.4	96.9	5.55	94.0	5.43	91.8	5.33	89.6	5.11	86.7	4.90	82.0	4.57
		30.5	97.2	5.54	93.9	5.43	92.0	5.34	89.8	5.12	86.9	4.91	82.2	4.65
	59	8.1	94.5	4.86	92.6	4.71	89.9	4.64	87.7	4.57	85.0	4.39	80.3	3.98
		10.2	95.0	4.87	93.1	4.72	90.4	4.65	88.2	4.55	85.4	4.36	80.8	3.96
		20.3	97.2	4.91	95.4	4.77	92.5	4.68	90.2	4.49	87.2	4.23	82.5	3.89
		25.4	97.7	4.83	95.3	4.72	93.2	4.68	90.9	4.49	87.9	4.23	83.3	4.16
		30.5	98.0	4.80	95.3	4.70	93.6	4.68	91.3	4.49	88.3	4.23	83.6	4.29
	68	8.1	97.1	4.37	95.3	4.18	92.4	4.07	89.8	4.01	86.9	3.96	82.2	3.76
		10.2	97.7	4.37	95.8	4.20	92.9	4.09	90.4	4.03	87.5	3.96	82.7	3.75
		20.3	100.2	4.37	98.1	4.26	94.9	4.16	92.7	4.09	89.7	3.95	84.7	3.69
		25.4	100.7	4.33	98.0	4.23	95.7	4.16	93.2	4.09	90.2	3.96	85.2	3.83
		30.5	100.9	4.31	98.0	4.21	96.1	4.16	93.5	4.09	90.5	3.97	85.5	3.90
	77	8.1	101.8	4.13	98.9	3.94	95.7	3.86	93.7	3.78	91.2	3.71	86.2	3.45
		10.2	101.9	4.12	98.9	3.93	95.7	3.86	93.7	3.76	91.2	3.69	86.2	3.43
		20.3	102.1	4.06	98.9	3.91	95.7	3.83	93.7	3.69	91.2	3.63	86.2	3.37
		25.4	102.4	3.91	98.9	3.80	95.7	3.76	93.7	3.69	91.2	3.56	86.2	3.37
		30.5	102.6	3.83	98.9	3.75	95.7	3.73	93.7	3.69	91.2	3.53	86.2	3.37
	86	8.1	102.4	3.95	98.9	3.76	95.7	3.65	93.7	3.51	91.2	3.47	86.2	3.19
		10.2	102.4	3.92	98.9	3.73	95.7	3.63	93.7	3.50	91.2	3.43	86.2	3.17
		20.3	102.4	3.79	98.9	3.65	95.7	3.56	93.7	3.43	91.2	3.30	86.2	3.10
		25.4	102.4	3.67	98.9	3.56	95.7	3.50	93.7	3.43	91.2	3.30	86.2	3.04
		30.5	102.4	3.60	98.9	3.52	95.7	3.46	93.7	3.43	91.2	3.30	86.2	3.01
	95	8.1	102.4	3.77	98.9	3.57	95.7	3.47	93.7	3.33	91.2	3.20	86.2	2.92
		10.2	102.4	3.72	98.9	3.54	95.7	3.43	93.7	3.30	91.2	3.17	86.2	2.90
		20.3	102.4	3.51	98.9	3.41	95.7	3.30	93.7	3.17	91.2	3.04	86.2	2.84
		25.4	102.4	3.47	98.9	3.38	95.7	3.30	93.7	3.17	91.2	3.04	86.2	2.77
		30.5	102.4	3.45	98.9	3.37	95.7	3.30	93.7	3.17	91.2	3.04	86.2	2.74
	104	8.1	102.4	3.66	98.9	3.41	95.7	3.27	93.7	3.13	91.2	3.00	86.2	2.72
		10.2	102.4	3.59	98.9	3.37	95.7	3.24	93.7	3.10	91.2	2.97	86.2	2.70
		20.3	102.4	3.31	98.9	3.21	95.7	3.10	93.7	2.97	91.2	2.84	86.2	2.64
		25.4	102.4	3.27	98.9	3.17	95.7	3.10	93.7	2.97	91.2	2.84	86.2	2.57
		30.5	102.4	3.25	98.9	3.15	95.7	3.10	93.7	2.97	91.2	2.84	86.2	2.54
	113	8.1	102.4	3.55	98.9	3.24	95.7	3.07	93.7	2.93	91.2	2.80	86.2	2.52
		10.2	102.4	3.46	98.9	3.20	95.7	3.04	93.7	2.90	91.2	2.77	86.2	2.51
		20.3	102.4	3.11	98.9	3.01	95.7	2.90	93.7	2.77	91.2	2.64	86.2	2.44
		25.4	102.4	3.07	98.9	2.96	95.7	2.90	93.7	2.77	91.2	2.64	86.2	2.38
		30.5	102.4	3.05	98.9	2.93	95.7	2.90	93.7	2.77	91.2	2.64	86.2	2.34

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN072DAS4, ARWB072DAS4

72,000 Btu/h, Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
110	23	8.1	34.5	4.20	34.2	3.90	34.0	3.63	33.7	3.48	33.7	3.38	33.0	3.03
		10.2	35.6	4.27	35.4	3.98	35.2	3.71	34.8	3.56	34.9	3.45	34.1	3.09
		20.3	40.3	4.56	40.1	4.28	39.9	4.03	39.4	3.86	39.4	3.75	38.7	3.36
		25.4	44.5	4.85	44.2	4.57	44.0	4.34	43.6	4.16	43.6	4.04	42.6	3.62
		30.5	46.7	5.00	46.3	4.72	46.1	4.50	45.6	4.32	45.6	4.19	44.7	3.75
	32	8.1	61.6	5.75	60.2	5.50	59.0	5.32	57.8	5.10	57.3	4.96	55.1	4.43
		10.2	61.9	5.76	60.6	5.52	59.3	5.34	58.2	5.11	57.6	4.97	55.5	4.44
		20.3	63.4	5.82	62.0	5.57	60.7	5.40	59.5	5.18	59.0	5.03	56.7	4.50
		25.4	64.3	5.82	63.0	5.57	61.6	5.40	60.4	5.18	59.9	5.03	57.6	4.50
		30.5	64.8	5.82	63.5	5.57	62.1	5.40	60.9	5.18	60.4	5.03	58.0	4.50
	41	8.1	89.8	6.18	87.7	5.95	85.7	5.79	83.7	5.55	80.5	5.39	76.6	4.83
		10.2	90.1	6.21	87.9	5.97	85.7	5.82	83.7	5.58	80.5	5.42	76.6	4.85
		20.3	91.3	6.32	88.5	6.08	85.7	5.94	83.7	5.69	80.5	5.53	76.6	4.95
		25.4	91.9	6.36	88.8	6.12	85.7	5.98	83.7	5.74	80.5	5.57	76.6	4.98
		30.5	92.1	6.38	88.9	6.14	85.7	6.00	83.7	5.76	80.5	5.59	76.6	5.00
	50	8.1	90.2	5.54	87.9	5.35	85.5	5.23	83.6	5.06	80.3	4.89	76.5	4.40
		10.2	90.5	5.55	88.2	5.37	85.7	5.25	83.7	5.07	80.5	4.89	76.6	4.40
		20.3	91.9	5.59	89.1	5.43	86.2	5.31	84.2	5.09	81.0	4.87	76.9	4.42
		25.4	92.4	5.59	89.4	5.43	86.5	5.30	84.4	5.08	81.2	4.90	77.2	4.47
		30.5	92.6	5.59	89.6	5.43	86.7	5.29	84.5	5.07	81.2	4.91	77.3	4.50
	59	8.1	90.4	4.90	88.1	4.77	85.5	4.68	83.5	4.57	80.2	4.39	76.4	3.98
		10.2	90.8	4.90	88.4	4.77	85.7	4.68	83.7	4.55	80.5	4.36	76.6	3.96
		20.3	92.3	4.87	89.7	4.77	86.7	4.68	84.7	4.49	81.5	4.23	77.3	3.89
		25.4	92.8	4.83	90.1	4.72	87.2	4.62	85.0	4.42	81.8	4.23	77.8	3.96
		30.5	93.1	4.82	90.3	4.70	87.4	4.59	85.1	4.39	81.9	4.23	78.0	3.99
	68	8.1	92.1	4.23	89.6	4.13	86.7	4.03	84.4	3.96	81.3	3.85	77.0	3.60
		10.2	92.6	4.24	89.9	4.13	87.0	4.03	84.7	3.96	81.5	3.83	77.3	3.59
		20.3	94.6	4.27	91.1	4.13	87.9	4.03	86.0	3.96	82.5	3.76	78.5	3.56
		25.4	95.1	4.27	91.9	4.13	88.5	4.03	86.2	3.89	83.0	3.76	78.7	3.56
		30.5	95.4	4.27	92.2	4.13	88.7	4.03	86.3	3.86	83.2	3.76	78.9	3.56
	77	8.1	95.0	3.85	92.2	3.71	88.5	3.65	86.5	3.51	83.5	3.38	79.0	3.10
		10.2	95.2	3.84	92.2	3.69	88.5	3.63	86.5	3.50	83.5	3.37	79.0	3.10
		20.3	95.9	3.82	92.2	3.63	88.5	3.56	86.5	3.43	83.5	3.30	79.0	3.10
		25.4	96.4	3.82	92.2	3.65	88.5	3.50	86.5	3.43	83.5	3.24	79.0	3.04
		30.5	96.6	3.82	92.2	3.65	88.5	3.46	86.5	3.43	83.5	3.21	79.0	3.01
	86	8.1	96.4	3.51	92.2	3.38	88.5	3.25	86.5	3.19	83.5	2.99	79.0	2.79
		10.2	96.4	3.50	92.2	3.37	88.5	3.24	86.5	3.17	83.5	2.97	79.0	2.77
		20.3	96.4	3.43	92.2	3.30	88.5	3.17	86.5	3.10	83.5	2.90	79.0	2.70
		25.4	96.4	3.41	92.2	3.24	88.5	3.10	86.5	3.04	83.5	2.90	79.0	2.70
		30.5	96.4	3.39	92.2	3.21	88.5	3.07	86.5	3.01	83.5	2.90	79.0	2.70
	95	8.1	96.4	3.33	92.2	3.12	88.5	2.99	86.5	2.86	83.5	2.72	79.0	2.52
		10.2	96.4	3.30	92.2	3.10	88.5	2.97	86.5	2.84	83.5	2.70	79.0	2.51
		20.3	96.4	3.17	92.2	3.04	88.5	2.90	86.5	2.77	83.5	2.64	79.0	2.44
		25.4	96.4	3.09	92.2	2.97	88.5	2.84	86.5	2.77	83.5	2.64	79.0	2.44
		30.5	96.4	3.04	92.2	2.94	88.5	2.81	86.5	2.77	83.5	2.64	79.0	2.44
	104	8.1	96.4	3.13	92.2	3.00	88.5	2.80	86.5	2.66	83.5	2.52	79.0	2.32
		10.2	96.4	3.10	92.2	2.97	88.5	2.77	86.5	2.64	83.5	2.51	79.0	2.31
		20.3	96.4	2.97	92.2	2.84	88.5	2.64	86.5	2.57	83.5	2.44	79.0	2.25
		25.4	96.4	2.93	92.2	2.77	88.5	2.64	86.5	2.51	83.5	2.38	79.0	2.18
		30.5	96.4	2.91	92.2	2.74	88.5	2.64	86.5	2.47	83.5	2.34	79.0	2.14
	113	8.1	96.4	2.93	92.2	2.89	88.5	2.62	86.5	2.46	83.5	2.32	79.0	2.13
		10.2	96.4	2.90	92.2	2.84	88.5	2.57	86.5	2.44	83.5	2.31	79.0	2.11
		20.3	96.4	2.77	92.2	2.64	88.5	2.38	86.5	2.38	83.5	2.25	79.0	2.05
		25.4	96.4	2.77	92.2	2.57	88.5	2.44	86.5	2.25	83.5	2.11	79.0	1.91
		30.5	96.4	2.77	92.2	2.54	88.5	2.48	86.5	2.18	83.5	2.04	79.0	1.84

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN072DAS4, ARWB072DAS4

72,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
100	23	8.1	32.6	4.20	32.3	3.96	32.2	3.63	31.9	3.48	31.6	3.33	31.0	3.03
		10.2	33.7	4.27	33.5	4.04	33.3	3.71	33.0	3.56	32.7	3.40	32.1	3.09
		20.3	38.1	4.56	37.9	4.34	37.7	4.03	37.3	3.86	37.0	3.69	36.4	3.36
		25.4	42.1	4.85	41.8	4.64	41.6	4.34	41.2	4.16	40.9	3.98	40.2	3.62
		30.5	44.1	5.00	43.8	4.79	43.6	4.50	43.2	4.32	42.9	4.12	42.1	3.75
	32	8.1	58.2	5.75	56.9	5.58	55.7	5.32	54.8	5.10	53.8	4.88	51.9	4.43
		10.2	58.5	5.76	57.3	5.59	56.1	5.34	55.1	5.11	54.1	4.90	52.2	4.44
		20.3	59.9	5.82	58.6	5.65	57.3	5.40	56.4	5.18	55.4	4.95	53.4	4.50
		25.4	60.8	5.82	59.5	5.65	58.2	5.40	57.2	5.18	56.2	4.95	54.3	4.50
		30.5	61.3	5.82	60.0	5.65	58.7	5.40	57.6	5.18	56.6	4.95	54.7	4.50
	41	8.1	85.9	6.18	83.0	6.03	80.9	5.79	79.3	5.55	75.5	5.31	72.0	4.83
		10.2	86.2	6.21	83.2	6.06	80.9	5.82	79.3	5.58	75.5	5.34	72.0	4.85
		20.3	87.4	6.32	83.8	6.17	81.0	5.94	79.3	5.69	75.5	5.45	72.0	4.95
		25.4	87.9	6.36	84.0	6.21	81.0	5.98	79.3	5.74	75.5	5.48	72.0	4.98
		30.5	88.2	6.38	84.1	6.23	81.0	6.00	79.3	5.76	75.5	5.50	72.0	5.00
	50	8.1	86.4	5.52	83.3	5.40	81.0	5.23	79.3	5.06	75.5	4.81	72.0	4.40
		10.2	86.6	5.55	83.4	5.42	81.0	5.25	79.3	5.07	75.5	4.81	72.0	4.40
		20.3	87.4	5.65	83.9	5.49	81.0	5.31	79.3	5.09	75.5	4.83	72.0	4.42
		25.4	88.0	5.63	84.2	5.49	81.0	5.30	79.3	5.08	75.5	4.82	72.0	4.40
		30.5	88.3	5.62	84.4	5.49	81.0	5.29	79.3	5.07	75.5	4.81	72.0	4.39
	59	8.1	86.8	4.87	83.7	4.79	81.0	4.68	79.3	4.57	75.5	4.30	72.0	3.98
		10.2	87.0	4.90	83.7	4.79	81.0	4.68	79.3	4.55	75.5	4.29	72.0	3.96
		20.3	87.4	4.99	83.9	4.81	81.0	4.68	79.3	4.49	75.5	4.23	72.0	3.89
		25.4	88.2	4.91	84.4	4.77	81.0	4.62	79.3	4.42	75.5	4.16	72.0	3.83
		30.5	88.5	4.87	84.6	4.75	81.0	4.59	79.3	4.39	75.5	4.12	72.0	3.80
	68	8.1	87.3	4.17	84.1	4.06	81.0	3.96	79.3	3.91	75.5	3.65	72.0	3.47
		10.2	87.6	4.19	84.2	4.06	81.0	3.96	79.3	3.89	75.5	3.63	72.0	3.43
		20.3	88.9	4.26	84.4	4.08	81.0	3.96	79.3	3.83	75.5	3.56	72.0	3.30
		25.4	89.4	4.19	85.1	4.04	81.0	3.89	79.3	3.76	75.5	3.50	72.0	3.24
		30.5	89.7	4.15	85.5	4.02	81.0	3.86	79.3	3.73	75.5	3.46	72.0	3.21
	77	8.1	88.4	3.64	85.4	3.53	81.0	3.38	79.3	3.25	75.5	3.06	72.0	2.77
		10.2	88.7	3.65	85.4	3.51	81.0	3.37	79.3	3.24	75.5	3.04	72.0	2.77
		20.3	90.0	3.66	85.4	3.43	81.0	3.30	79.3	3.17	75.5	2.97	72.0	2.77
		25.4	90.4	3.58	85.4	3.41	81.0	3.24	79.3	3.10	75.5	2.97	72.0	2.70
		30.5	90.6	3.54	85.4	3.39	81.0	3.21	79.3	3.07	75.5	2.97	72.0	2.67
	86	8.1	90.4	3.31	85.4	3.06	81.0	2.85	79.3	2.79	75.5	2.57	72.0	2.46
		10.2	90.4	3.30	85.4	3.04	81.0	2.84	79.3	2.77	75.5	2.57	72.0	2.44
		20.3	90.4	3.24	85.4	2.97	81.0	2.81	79.3	2.70	75.5	2.57	72.0	2.38
		25.4	90.4	3.17	85.4	2.97	81.0	2.77	79.3	2.70	75.5	2.51	72.0	2.38
		30.5	90.4	3.13	85.4	2.97	81.0	2.75	79.3	2.70	75.5	2.47	72.0	2.38
	95	8.1	90.4	3.07	85.4	2.80	81.0	2.51	79.3	2.46	75.5	2.32	72.0	2.13
		10.2	90.4	3.04	85.4	2.77	81.0	2.51	79.3	2.44	75.5	2.31	72.0	2.11
		20.3	90.4	2.90	85.4	2.64	81.0	2.48	79.3	2.38	75.5	2.25	72.0	2.05
		25.4	90.4	2.90	85.4	2.64	81.0	2.44	79.3	2.38	75.5	2.25	72.0	2.05
		30.5	90.4	2.90	85.4	2.64	81.0	2.43	79.3	2.38	75.5	2.25	72.0	2.05
	104	8.1	90.4	2.87	85.4	2.61	81.0	2.25	79.3	2.20	75.5	2.07	72.0	1.93
		10.2	90.4	2.84	85.4	2.57	81.0	2.25	79.3	2.18	75.5	2.05	72.0	1.91
		20.3	90.4	2.70	85.4	2.44	81.0	2.22	79.3	2.11	75.5	1.98	72.0	1.85
		25.4	90.4	2.64	85.4	2.44	81.0	2.18	79.3	2.11	75.5	1.98	72.0	1.85
		30.5	90.4	2.61	85.4	2.44	81.0	2.16	79.3	2.11	75.5	1.98	72.0	1.85
	113	8.1	90.4	2.68	85.4	2.41	81.0	1.99	79.3	1.93	75.5	1.80	72.0	1.73
		10.2	90.4	2.64	85.4	2.38	81.0	1.98	79.3	1.91	75.5	1.78	72.0	1.71
		20.3	90.4	2.51	85.4	2.25	81.0	1.95	79.3	1.85	75.5	1.71	72.0	1.65
		25.4	90.4	2.38	85.4	2.25	81.0	1.91	79.3	1.85	75.5	1.71	72.0	1.65
		30.5	90.4	2.31	85.4	2.25	81.0	1.89	79.3	1.85	75.5	1.71	72.0	1.65

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN072DAS4, ARWB072DAS4

72,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
90	23	8.1	30.7	3.90	29.8	3.55	28.9	3.12	28.7	2.97	28.5	2.87	28.0	2.57
		10.2	31.8	3.97	30.8	3.62	29.9	3.19	29.7	3.04	29.5	2.93	28.9	2.63
		20.3	36.0	4.23	34.9	3.88	33.8	3.46	33.6	3.30	33.4	3.18	32.7	2.85
		25.4	39.8	4.50	38.5	4.16	37.4	3.73	37.1	3.56	36.8	3.43	36.2	3.08
		30.5	41.7	4.63	40.3	4.30	39.2	3.87	38.8	3.69	38.6	3.55	37.9	3.19
	32	8.1	55.0	5.31	52.4	4.98	50.0	4.58	49.3	4.36	48.5	4.20	46.7	3.77
		10.2	55.3	5.33	52.7	5.00	50.3	4.59	49.6	4.38	48.8	4.21	46.9	3.78
		20.3	56.6	5.38	53.9	5.05	51.5	4.64	50.7	4.42	49.9	4.26	48.1	3.82
		25.4	57.4	5.38	54.8	5.05	52.4	4.64	51.5	4.42	50.7	4.26	48.8	3.82
		30.5	57.8	5.38	55.2	5.05	52.8	4.64	51.8	4.42	51.1	4.26	49.2	3.82
	41	8.1	77.7	5.70	75.2	5.38	72.8	4.98	71.3	4.75	68.1	4.57	64.9	4.10
		10.2	77.8	5.73	75.1	5.41	72.8	5.00	71.3	4.77	68.1	4.59	64.9	4.12
		20.3	78.1	5.83	74.9	5.51	72.8	5.10	71.3	4.87	68.1	4.69	64.9	4.21
		25.4	78.5	5.86	75.1	5.54	72.8	5.14	71.3	4.90	68.1	4.72	64.9	4.24
		30.5	78.7	5.88	75.2	5.56	72.8	5.16	71.3	4.92	68.1	4.74	64.9	4.26
	50	8.1	78.1	5.04	75.4	4.79	72.8	4.51	71.3	4.32	68.1	4.15	64.9	3.74
		10.2	78.1	5.04	75.3	4.79	72.8	4.51	71.3	4.33	68.1	4.14	64.9	3.74
		20.3	77.9	5.05	75.0	4.81	72.8	4.53	71.3	4.35	68.1	4.13	64.9	3.76
		25.4	78.4	5.04	75.2	4.80	72.8	4.52	71.3	4.34	68.1	4.14	64.9	3.77
		30.5	78.7	5.03	75.3	4.79	72.8	4.51	71.3	4.33	68.1	4.15	64.9	3.78
	59	8.1	78.5	4.36	75.7	4.20	72.8	4.05	71.3	3.91	68.1	3.73	64.9	3.38
		10.2	78.4	4.34	75.6	4.19	72.8	4.03	71.3	3.89	68.1	3.69	64.9	3.37
		20.3	77.8	4.27	75.0	4.12	72.8	3.96	71.3	3.83	68.1	3.56	64.9	3.30
		25.4	78.4	4.21	75.3	4.06	72.8	3.89	71.3	3.76	68.1	3.56	64.9	3.30
		30.5	78.6	4.18	75.4	4.02	72.8	3.86	71.3	3.73	68.1	3.56	64.9	3.30
	68	8.1	79.0	3.68	76.0	3.57	72.8	3.45	71.3	3.31	68.1	3.20	64.9	3.00
		10.2	78.9	3.68	75.9	3.56	72.8	3.43	71.3	3.30	68.1	3.17	64.9	2.97
		20.3	78.6	3.68	75.3	3.52	72.8	3.37	71.3	3.24	68.1	3.04	64.9	2.84
		25.4	78.8	3.62	75.5	3.50	72.8	3.37	71.3	3.24	68.1	3.04	64.9	2.84
		30.5	78.9	3.59	75.6	3.48	72.8	3.37	71.3	3.24	68.1	3.04	64.9	2.84
	77	8.1	80.3	3.22	77.0	3.05	72.8	2.92	71.3	2.77	68.1	2.66	64.9	2.46
		10.2	80.5	3.21	77.0	3.04	72.8	2.90	71.3	2.77	68.1	2.64	64.9	2.44
		20.3	81.2	3.18	77.0	3.01	72.8	2.84	71.3	2.77	68.1	2.57	64.9	2.38
		25.4	81.5	3.10	77.0	2.94	72.8	2.84	71.3	2.70	68.1	2.57	64.9	2.38
		30.5	81.7	3.06	77.0	2.91	72.8	2.84	71.3	2.67	68.1	2.57	64.9	2.38
	86	8.1	81.5	2.92	77.0	2.72	72.8	2.52	71.3	2.46	68.1	2.32	64.9	2.11
		10.2	81.5	2.90	77.0	2.70	72.8	2.51	71.3	2.44	68.1	2.31	64.9	2.11
		20.3	81.5	2.84	77.0	2.64	72.8	2.44	71.3	2.38	68.1	2.25	64.9	2.11
		25.4	81.5	2.77	77.0	2.57	72.8	2.44	71.3	2.38	68.1	2.25	64.9	2.05
		30.5	81.5	2.74	77.0	2.54	72.8	2.44	71.3	2.38	68.1	2.25	64.9	2.02
	95	8.1	81.5	2.66	77.0	2.46	72.8	2.26	71.3	2.20	68.1	2.07	64.9	1.93
		10.2	81.5	2.64	77.0	2.44	72.8	2.25	71.3	2.18	68.1	2.05	64.9	1.91
		20.3	81.5	2.57	77.0	2.38	72.8	2.18	71.3	2.11	68.1	1.98	64.9	1.85
		25.4	81.5	2.51	77.0	2.31	72.8	2.11	71.3	2.05	68.1	1.98	64.9	1.85
		30.5	81.5	2.47	77.0	2.27	72.8	2.08	71.3	2.02	68.1	1.98	64.9	1.85
	104	8.1	81.5	2.48	77.0	2.26	72.8	2.00	71.3	1.93	68.1	1.87	64.9	1.73
		10.2	81.5	2.44	77.0	2.25	72.8	1.98	71.3	1.91	68.1	1.85	64.9	1.71
		20.3	81.5	2.31	77.0	2.18	72.8	1.91	71.3	1.85	68.1	1.78	64.9	1.65
		25.4	81.5	2.31	77.0	2.18	72.8	1.91	71.3	1.85	68.1	1.78	64.9	1.65
		30.5	81.5	2.31	77.0	2.18	72.8	1.91	71.3	1.85	68.1	1.78	64.9	1.65
	113	8.1	81.5	2.30	77.0	2.07	72.8	1.73	71.3	1.67	68.1	1.67	64.9	1.53
		10.2	81.5	2.25	77.0	2.05	72.8	1.71	71.3	1.65	68.1	1.65	64.9	1.52
		20.3	81.5	2.05	77.0	1.98	72.8	1.65	71.3	1.58	68.1	1.58	64.9	1.45
		25.4	81.5	2.11	77.0	2.05	72.8	1.71	71.3	1.65	68.1	1.58	64.9	1.45
		30.5	81.5	2.14	77.0	2.08	72.8	1.74	71.3	1.69	68.1	1.58	64.9	1.45

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

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HEATING CAPACITY DATA

ARWN072DAS4, ARWB072DAS4

72,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
80	23	8.1	29.1	2.78	27.2	2.67	25.8	2.56	25.5	2.47	25.3	2.36	24.8	2.17
		10.2	30.1	2.84	28.2	2.73	26.7	2.61	26.4	2.53	26.2	2.41	25.7	2.22
		20.3	34.0	3.09	31.9	2.96	30.1	2.83	29.8	2.74	29.7	2.61	29.1	2.40
		25.4	37.6	3.33	35.2	3.20	33.3	3.06	32.9	2.96	32.8	2.82	32.1	2.59
		30.5	39.4	3.45	36.9	3.31	34.9	3.17	34.5	3.07	34.3	2.92	33.6	2.69
	32	8.1	51.9	4.08	47.9	3.91	44.6	3.75	43.7	3.62	43.1	3.45	41.5	3.18
		10.2	52.2	4.09	48.1	3.93	44.8	3.76	44.0	3.63	43.4	3.46	41.7	3.19
		20.3	53.5	4.14	49.3	3.97	45.9	3.80	45.1	3.67	44.5	3.50	42.7	3.22
		25.4	54.3	4.14	50.0	3.97	46.6	3.80	45.7	3.67	45.1	3.50	43.4	3.22
		30.5	54.6	4.14	50.4	3.97	47.0	3.80	46.1	3.67	45.5	3.50	43.7	3.22
	41	8.1	71.8	4.43	67.8	4.27	64.8	4.07	63.4	3.94	60.7	3.76	57.6	3.46
		10.2	72.0	4.46	67.9	4.29	64.8	4.10	63.4	3.96	60.7	3.78	57.6	3.48
		20.3	72.6	4.55	68.4	4.37	64.9	4.19	63.4	4.04	60.7	3.85	57.6	3.55
		25.4	72.6	4.58	68.3	4.40	64.9	4.21	63.4	4.07	60.7	3.88	57.6	3.57
		30.5	72.6	4.60	68.3	4.42	64.9	4.23	63.4	4.08	60.7	3.89	57.6	3.58
	50	8.1	72.2	4.08	68.0	3.90	64.8	3.70	63.4	3.60	60.7	3.41	57.6	3.15
		10.2	72.3	4.08	68.1	3.89	64.8	3.70	63.4	3.60	60.7	3.41	57.6	3.15
		20.3	72.6	4.06	68.4	3.87	64.9	3.71	63.4	3.60	60.7	3.41	57.6	3.16
		25.4	72.6	4.04	68.3	3.88	64.9	3.72	63.4	3.58	60.7	3.39	57.6	3.14
		30.5	72.6	4.04	68.3	3.89	64.9	3.73	63.4	3.57	60.7	3.38	57.6	3.13
	59	8.1	72.6	3.73	68.3	3.53	64.9	3.31	63.4	3.25	60.7	3.06	57.6	2.86
		10.2	72.6	3.69	68.3	3.50	64.9	3.30	63.4	3.24	60.7	3.04	57.6	2.84
		20.3	72.6	3.56	68.3	3.37	64.9	3.24	63.4	3.17	60.7	2.97	57.6	2.77
		25.4	72.6	3.50	68.3	3.37	64.9	3.24	63.4	3.10	60.7	2.90	57.6	2.70
		30.5	72.6	3.46	68.3	3.37	64.9	3.24	63.4	3.07	60.7	2.87	57.6	2.67
	68	8.1	72.6	3.12	68.3	2.99	64.9	2.84	63.4	2.79	60.7	2.66	57.6	2.46
		10.2	72.6	3.10	68.3	2.97	64.9	2.84	63.4	2.77	60.7	2.64	57.6	2.44
		20.3	72.6	3.04	68.3	2.90	64.9	2.84	63.4	2.70	60.7	2.57	57.6	2.38
		25.4	72.6	2.97	68.3	2.84	64.9	2.77	63.4	2.70	60.7	2.51	57.6	2.38
		30.5	72.6	2.94	68.3	2.81	64.9	2.74	63.4	2.70	60.7	2.47	57.6	2.38
	77	8.1	72.6	2.79	68.3	2.59	64.9	2.44	63.4	2.39	60.7	2.26	57.6	2.13
		10.2	72.6	2.77	68.3	2.57	64.9	2.44	63.4	2.38	60.7	2.25	57.6	2.11
		20.3	72.6	2.70	68.3	2.51	64.9	2.44	63.4	2.31	60.7	2.18	57.6	2.05
		25.4	72.6	2.64	68.3	2.51	64.9	2.38	63.4	2.31	60.7	2.18	57.6	2.05
		30.5	72.6	2.61	68.3	2.51	64.9	2.34	63.4	2.31	60.7	2.18	57.6	2.05
	86	8.1	72.6	2.46	68.3	2.32	64.9	2.20	63.4	2.13	60.7	2.00	57.6	1.87
		10.2	72.6	2.44	68.3	2.31	64.9	2.18	63.4	2.11	60.7	1.98	57.6	1.85
		20.3	72.6	2.38	68.3	2.25	64.9	2.11	63.4	2.05	60.7	1.91	57.6	1.78
		25.4	72.6	2.38	68.3	2.25	64.9	2.11	63.4	2.05	60.7	1.91	57.6	1.78
		30.5	72.6	2.38	68.3	2.25	64.9	2.11	63.4	2.05	60.7	1.91	57.6	1.78
	95	8.1	72.6	2.26	68.3	2.13	64.9	1.93	63.4	1.85	60.7	1.80	57.6	1.65
		10.2	72.6	2.25	68.3	2.11	64.9	1.91	63.4	1.85	60.7	1.78	57.6	1.65
		20.3	72.6	2.18	68.3	2.05	64.9	1.85	63.4	1.85	60.7	1.71	57.6	1.65
		25.4	72.6	2.18	68.3	1.98	64.9	1.85	63.4	1.78	60.7	1.71	57.6	1.58
		30.5	72.6	2.18	68.3	1.95	64.9	1.85	63.4	1.75	60.7	1.71	57.6	1.55
	104	8.1	72.6	2.14	68.3	1.93	64.9	1.71	63.4	1.73	60.7	1.58	57.6	1.53
		10.2	72.6	2.11	68.3	1.91	64.9	1.71	63.4	1.71	60.7	1.58	57.6	1.52
		20.3	72.6	1.98	68.3	1.85	64.9	1.71	63.4	1.65	60.7	1.58	57.6	1.45
		25.4	72.6	1.98	68.3	1.85	64.9	1.65	63.4	1.65	60.7	1.58	57.6	1.45
		30.5	72.6	1.98	68.3	1.85	64.9	1.62	63.4	1.65	60.7	1.58	57.6	1.45
	113	8.1	72.6	2.03	68.3	1.73	64.9	1.50	63.4	1.62	60.7	1.37	57.6	1.42
		10.2	72.6	1.98	68.3	1.71	64.9	1.52	63.4	1.58	60.7	1.39	57.6	1.39
		20.3	72.6	1.78	68.3	1.65	64.9	1.58	63.4	1.45	60.7	1.45	57.6	1.26
		25.4	72.6	1.78	68.3	1.71	64.9	1.45	63.4	1.52	60.7	1.45	57.6	1.32
		30.5	72.6	1.78	68.3	1.74	64.9	1.39	63.4	1.55	60.7	1.45	57.6	1.35

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN072DAS4, ARWB072DAS4

72,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
70	23	8.1	25.3	2.39	23.8	2.27	22.5	2.20	22.3	2.07	22.1	2.00	21.8	1.82
		10.2	26.2	2.44	24.6	2.32	23.3	2.25	23.1	2.12	22.9	2.04	22.5	1.86
		20.3	29.7	2.64	27.9	2.52	26.3	2.44	26.1	2.29	25.9	2.21	25.5	2.01
		25.4	32.9	2.85	30.8	2.72	29.1	2.63	28.9	2.47	28.6	2.39	28.1	2.17
		30.5	34.4	2.96	32.3	2.82	30.5	2.72	30.3	2.56	30.0	2.48	29.4	2.25
	32	8.1	45.4	3.49	41.9	3.33	39.0	3.22	38.3	3.03	37.7	2.93	36.3	2.66
		10.2	45.7	3.50	42.2	3.34	39.2	3.23	38.5	3.04	37.9	2.94	36.5	2.67
		20.3	46.7	3.54	43.2	3.37	40.1	3.27	39.4	3.07	38.8	2.97	37.4	2.70
		25.4	47.4	3.54	43.9	3.37	40.7	3.27	40.0	3.07	39.4	2.97	38.0	2.70
		30.5	47.7	3.54	44.2	3.37	41.0	3.27	40.3	3.07	39.7	2.97	38.3	2.70
	41	8.1	62.7	3.80	59.4	3.62	56.6	3.50	55.4	3.30	52.9	3.18	50.4	2.89
		10.2	62.8	3.82	59.5	3.64	56.6	3.52	55.4	3.32	52.9	3.20	50.4	2.91
		20.3	63.4	3.90	60.0	3.71	56.7	3.60	55.4	3.38	52.9	3.27	50.4	2.97
		25.4	63.4	3.93	59.9	3.74	56.7	3.63	55.4	3.41	52.9	3.29	50.4	2.99
		30.5	63.4	3.94	59.9	3.76	56.7	3.64	55.4	3.42	52.9	3.30	50.4	3.00
	50	8.1	63.0	3.50	59.6	3.31	56.7	3.19	55.4	3.01	52.9	2.89	50.4	2.64
		10.2	63.1	3.50	59.7	3.30	56.7	3.18	55.4	3.01	52.9	2.89	50.4	2.64
		20.3	63.4	3.47	59.9	3.28	56.7	3.15	55.4	3.01	52.9	2.89	50.4	2.64
		25.4	63.4	3.48	59.9	3.29	56.7	3.17	55.4	3.02	52.9	2.87	50.4	2.65
		30.5	63.4	3.49	59.9	3.30	56.7	3.17	55.4	3.03	52.9	2.86	50.4	2.65
	59	8.1	63.4	3.20	59.9	3.00	56.7	2.87	55.4	2.72	52.9	2.59	50.4	2.39
		10.2	63.4	3.17	59.9	2.97	56.7	2.84	55.4	2.70	52.9	2.57	50.4	2.38
		20.3	63.4	3.04	59.9	2.84	56.7	2.70	55.4	2.64	52.9	2.51	50.4	2.31
		25.4	63.4	3.04	59.9	2.84	56.7	2.70	55.4	2.64	52.9	2.44	50.4	2.31
		30.5	63.4	3.04	59.9	2.84	56.7	2.70	55.4	2.64	52.9	2.41	50.4	2.31
	68	8.1	63.4	2.66	59.9	2.52	56.7	2.46	55.4	2.39	52.9	2.26	50.4	2.13
		10.2	63.4	2.64	59.9	2.51	56.7	2.44	55.4	2.38	52.9	2.25	50.4	2.11
		20.3	63.4	2.57	59.9	2.44	56.7	2.38	55.4	2.31	52.9	2.18	50.4	2.05
		25.4	63.4	2.57	59.9	2.44	56.7	2.38	55.4	2.25	52.9	2.18	50.4	1.98
		30.5	63.4	2.57	59.9	2.44	56.7	2.38	55.4	2.22	52.9	2.18	50.4	1.95
	77	8.1	63.4	2.39	59.9	2.26	56.7	2.13	55.4	2.07	52.9	1.91	50.4	1.78
		10.2	63.4	2.38	59.9	2.25	56.7	2.11	55.4	2.05	52.9	1.91	50.4	1.78
		20.3	63.4	2.31	59.9	2.18	56.7	2.05	55.4	1.98	52.9	1.91	50.4	1.78
		25.4	63.4	2.25	59.9	2.11	56.7	2.05	55.4	1.98	52.9	1.85	50.4	1.78
		30.5	63.4	2.22	59.9	2.08	56.7	2.05	55.4	1.98	52.9	1.82	50.4	1.78
	86	8.1	63.4	2.13	59.9	2.00	56.7	1.87	55.4	1.78	52.9	1.73	50.4	1.58
		10.2	63.4	2.11	59.9	1.98	56.7	1.85	55.4	1.78	52.9	1.71	50.4	1.58
		20.3	63.4	2.05	59.9	1.91	56.7	1.78	55.4	1.78	52.9	1.65	50.4	1.58
		25.4	63.4	2.05	59.9	1.91	56.7	1.78	55.4	1.71	52.9	1.65	50.4	1.58
		30.5	63.4	2.05	59.9	1.91	56.7	1.78	55.4	1.68	52.9	1.65	50.4	1.58
	95	8.1	63.4	1.93	59.9	1.80	56.7	1.65	55.4	1.67	52.9	1.52	50.4	1.47
		10.2	63.4	1.91	59.9	1.78	56.7	1.65	55.4	1.65	52.9	1.52	50.4	1.45
		20.3	63.4	1.85	59.9	1.71	56.7	1.65	55.4	1.58	52.9	1.52	50.4	1.39
		25.4	63.4	1.85	59.9	1.71	56.7	1.58	55.4	1.58	52.9	1.52	50.4	1.39
		30.5	63.4	1.85	59.9	1.71	56.7	1.55	55.4	1.58	52.9	1.52	50.4	1.39
	104	8.1	63.4	1.80	59.9	1.67	56.7	1.53	55.4	1.45	52.9	1.39	50.4	1.33
		10.2	63.4	1.78	59.9	1.65	56.7	1.52	55.4	1.45	52.9	1.39	50.4	1.32
		20.3	63.4	1.71	59.9	1.58	56.7	1.45	55.4	1.45	52.9	1.39	50.4	1.26
		25.4	63.4	1.71	59.9	1.58	56.7	1.45	55.4	1.39	52.9	1.32	50.4	1.26
		30.5	63.4	1.71	59.9	1.58	56.7	1.45	55.4	1.35	52.9	1.28	50.4	1.26
	113	8.1	63.4	1.67	59.9	1.53	56.7	1.42	55.4	1.24	52.9	1.26	50.4	1.21
		10.2	63.4	1.65	59.9	1.52	56.7	1.39	55.4	1.26	52.9	1.26	50.4	1.19
		20.3	63.4	1.58	59.9	1.45	56.7	1.26	55.4	1.32	52.9	1.26	50.4	1.12
		25.4	63.4	1.58	59.9	1.45	56.7	1.32	55.4	1.19	52.9	1.12	50.4	1.12
		30.5	63.4	1.58	59.9	1.45	56.7	1.35	55.4	1.12	52.9	1.05	50.4	1.12

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN072DAS4, ARWB072DAS4

72,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
60	23	8.1	21.8	1.94	20.4	1.86	19.3	1.79	19.1	1.66	19.0	1.64	18.6	1.46
		10.2	22.5	1.98	21.1	1.90	20.0	1.83	19.7	1.70	19.7	1.67	19.3	1.50
		20.3	25.5	2.15	23.9	2.07	22.6	1.99	22.4	1.84	22.3	1.82	21.9	1.62
		25.4	28.2	2.31	26.4	2.23	25.0	2.14	24.7	1.99	24.6	1.96	24.1	1.75
		30.5	29.5	2.40	27.6	2.32	26.2	2.22	25.9	2.07	25.8	2.03	25.3	1.81
	32	8.1	39.0	2.84	35.9	2.74	33.5	2.62	32.8	2.44	32.4	2.40	31.2	2.15
		10.2	39.2	2.85	36.1	2.74	33.7	2.63	33.0	2.44	32.6	2.41	31.3	2.15
		20.3	40.1	2.88	36.9	2.77	34.5	2.66	33.8	2.47	33.3	2.44	32.0	2.17
		25.4	40.7	2.88	37.5	2.77	35.0	2.66	34.3	2.47	33.8	2.44	32.6	2.17
		30.5	41.0	2.88	37.8	2.77	35.3	2.66	34.5	2.47	34.1	2.44	32.8	2.17
	41	8.1	53.8	3.09	50.8	2.97	48.7	2.85	47.5	2.66	45.4	2.61	43.3	2.33
		10.2	53.9	3.11	50.9	2.99	48.7	2.87	47.5	2.67	45.4	2.63	43.3	2.34
		20.3	54.4	3.17	51.2	3.05	48.7	2.93	47.5	2.72	45.4	2.68	43.3	2.39
		25.4	54.4	3.20	51.2	3.07	48.7	2.95	47.5	2.74	45.4	2.70	43.3	2.41
		30.5	54.4	3.21	51.1	3.08	48.7	2.96	47.5	2.76	45.4	2.70	43.3	2.42
	50	8.1	54.1	2.84	51.0	2.72	48.7	2.59	47.5	2.42	45.4	2.37	43.3	2.13
		10.2	54.2	2.84	51.0	2.72	48.7	2.59	47.5	2.42	45.4	2.37	43.3	2.13
		20.3	54.4	2.84	51.2	2.72	48.7	2.59	47.5	2.45	45.4	2.36	43.3	2.15
		25.4	54.4	2.85	51.2	2.69	48.7	2.56	47.5	2.42	45.4	2.34	43.3	2.13
		30.5	54.4	2.85	51.1	2.68	48.7	2.55	47.5	2.41	45.4	2.33	43.3	2.12
	59	8.1	54.4	2.59	51.2	2.46	48.7	2.32	47.5	2.18	45.4	2.13	43.3	1.91
		10.2	54.4	2.57	51.2	2.44	48.7	2.31	47.5	2.18	45.4	2.11	43.3	1.91
		20.3	54.4	2.51	51.2	2.38	48.7	2.25	47.5	2.18	45.4	2.05	43.3	1.91
		25.4	54.4	2.51	51.2	2.31	48.7	2.18	47.5	2.11	45.4	1.98	43.3	1.85
		30.5	54.4	2.51	51.2	2.27	48.7	2.14	47.5	2.08	45.4	1.95	43.3	1.82
	68	8.1	54.4	2.26	51.2	2.13	48.7	2.00	47.5	1.93	45.4	1.87	43.3	1.73
		10.2	54.4	2.25	51.2	2.11	48.7	1.98	47.5	1.91	45.4	1.85	43.3	1.71
		20.3	54.4	2.18	51.2	2.05	48.7	1.91	47.5	1.85	45.4	1.78	43.3	1.65
		25.4	54.4	2.18	51.2	2.05	48.7	1.91	47.5	1.85	45.4	1.78	43.3	1.65
		30.5	54.4	2.18	51.2	2.05	48.7	1.91	47.5	1.85	45.4	1.78	43.3	1.65
	77	8.1	54.4	2.00	51.2	1.87	48.7	1.71	47.5	1.73	45.4	1.58	43.3	1.53
		10.2	54.4	1.98	51.2	1.85	48.7	1.71	47.5	1.71	45.4	1.58	43.3	1.52
		20.3	54.4	1.91	51.2	1.78	48.7	1.71	47.5	1.65	45.4	1.58	43.3	1.45
		25.4	54.4	1.91	51.2	1.78	48.7	1.65	47.5	1.65	45.4	1.58	43.3	1.45
		30.5	54.4	1.91	51.2	1.78	48.7	1.62	47.5	1.65	45.4	1.58	43.3	1.45
	86	8.1	54.4	1.80	51.2	1.67	48.7	1.60	47.5	1.53	45.4	1.47	43.3	1.40
		10.2	54.4	1.78	51.2	1.65	48.7	1.58	47.5	1.52	45.4	1.45	43.3	1.39
		20.3	54.4	1.71	51.2	1.58	48.7	1.52	47.5	1.45	45.4	1.39	43.3	1.32
		25.4	54.4	1.71	51.2	1.58	48.7	1.52	47.5	1.45	45.4	1.39	43.3	1.32
		30.5	54.4	1.71	51.2	1.58	48.7	1.52	47.5	1.45	45.4	1.39	43.3	1.32
	95	8.1	54.4	1.58	51.2	1.53	48.7	1.39	47.5	1.40	45.4	1.33	43.3	1.27
		10.2	54.4	1.58	51.2	1.52	48.7	1.39	47.5	1.39	45.4	1.32	43.3	1.26
		20.3	54.4	1.58	51.2	1.45	48.7	1.39	47.5	1.32	45.4	1.26	43.3	1.19
		25.4	54.4	1.58	51.2	1.45	48.7	1.32	47.5	1.32	45.4	1.26	43.3	1.19
		30.5	54.4	1.58	51.2	1.45	48.7	1.28	47.5	1.32	45.4	1.26	43.3	1.19
	104	8.1	54.4	1.45	51.2	1.40	48.7	1.26	47.5	1.27	45.4	1.21	43.3	1.12
		10.2	54.4	1.45	51.2	1.39	48.7	1.26	47.5	1.26	45.4	1.19	43.3	1.12
		20.3	54.4	1.45	51.2	1.32	48.7	1.26	47.5	1.19	45.4	1.12	43.3	1.12
		25.4	54.4	1.45	51.2	1.32	48.7	1.26	47.5	1.19	45.4	1.12	43.3	1.12
		30.5	54.4	1.45	51.2	1.32	48.7	1.26	47.5	1.19	45.4	1.12	43.3	1.12
	113	8.1	54.4	1.32	51.2	1.27	48.7	1.12	47.5	1.14	45.4	1.08	43.3	0.97
		10.2	54.4	1.32	51.2	1.26	48.7	1.12	47.5	1.12	45.4	1.06	43.3	0.99
		20.3	54.4	1.32	51.2	1.19	48.7	1.12	47.5	1.06	45.4	0.99	43.3	1.06
		25.4	54.4	1.32	51.2	1.19	48.7	1.19	47.5	1.06	45.4	0.99	43.3	1.06
		30.5	54.4	1.32	51.2	1.19	48.7	1.22	47.5	1.06	45.4	0.99	43.3	1.06

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN072DAS4, ARWB072DAS4

72,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
50	23	8.1	18.2	1.54	17.1	1.46	16.1	1.38	15.9	1.31	15.8	1.23	15.5	1.16
		10.2	18.8	1.58	17.6	1.50	16.7	1.41	16.4	1.34	16.4	1.26	16.0	1.19
		20.3	21.2	1.71	19.9	1.62	18.8	1.53	18.6	1.45	18.5	1.37	18.2	1.28
		25.4	23.4	1.84	22.0	1.75	20.8	1.65	20.6	1.57	20.4	1.47	20.1	1.39
		30.5	24.6	1.91	23.1	1.81	21.8	1.71	21.6	1.63	21.4	1.52	21.1	1.44
	32	8.1	32.4	2.26	30.0	2.15	27.9	2.02	27.3	1.92	26.9	1.80	25.9	1.70
		10.2	32.6	2.27	30.1	2.15	28.0	2.03	27.4	1.93	27.1	1.81	26.1	1.71
		20.3	33.3	2.29	30.8	2.17	28.7	2.06	28.1	1.95	27.7	1.83	26.7	1.73
		25.4	33.8	2.29	31.3	2.17	29.1	2.06	28.6	1.95	28.1	1.83	27.1	1.73
		30.5	34.1	2.29	31.5	2.17	29.3	2.06	28.8	1.95	28.3	1.83	27.4	1.73
	41	8.1	44.7	2.46	42.4	2.33	40.4	2.20	39.5	2.09	37.7	1.96	36.0	1.85
		10.2	44.8	2.47	42.5	2.34	40.5	2.21	39.5	2.10	37.7	1.97	36.0	1.86
		20.3	45.2	2.52	42.8	2.39	40.5	2.26	39.5	2.14	37.7	2.01	36.0	1.90
		25.4	45.2	2.54	42.7	2.41	40.5	2.27	39.5	2.16	37.7	2.03	36.0	1.91
		30.5	45.2	2.55	42.7	2.42	40.5	2.28	39.5	2.16	37.7	2.04	36.0	1.92
	50	8.1	45.0	2.26	42.5	2.13	40.4	2.00	39.5	1.92	37.7	1.77	36.0	1.69
		10.2	45.1	2.26	42.6	2.13	40.5	2.00	39.5	1.91	37.7	1.78	36.0	1.69
		20.3	45.2	2.25	42.8	2.12	40.5	1.99	39.5	1.90	37.7	1.80	36.0	1.67
		25.4	45.2	2.26	42.7	2.13	40.5	1.99	39.5	1.90	37.7	1.77	36.0	1.68
		30.5	45.2	2.27	42.7	2.13	40.5	2.00	39.5	1.91	37.7	1.75	36.0	1.68
	59	8.1	45.2	2.07	42.7	1.93	40.5	1.80	39.5	1.73	37.7	1.58	36.0	1.53
		10.2	45.2	2.05	42.7	1.91	40.5	1.78	39.5	1.71	37.7	1.58	36.0	1.52
		20.3	45.2	1.98	42.7	1.85	40.5	1.71	39.5	1.65	37.7	1.58	36.0	1.45
		25.4	45.2	1.98	42.7	1.85	40.5	1.71	39.5	1.65	37.7	1.52	36.0	1.45
		30.5	45.2	1.98	42.7	1.85	40.5	1.71	39.5	1.65	37.7	1.48	36.0	1.45
	68	8.1	45.2	1.80	42.7	1.67	40.5	1.60	39.5	1.53	37.7	1.47	36.0	1.32
		10.2	45.2	1.78	42.7	1.65	40.5	1.58	39.5	1.52	37.7	1.45	36.0	1.32
		20.3	45.2	1.71	42.7	1.58	40.5	1.52	39.5	1.45	37.7	1.39	36.0	1.32
		25.4	45.2	1.71	42.7	1.58	40.5	1.52	39.5	1.45	37.7	1.39	36.0	1.32
		30.5	45.2	1.71	42.7	1.58	40.5	1.52	39.5	1.45	37.7	1.39	36.0	1.32
	77	8.1	45.2	1.60	42.7	1.45	40.5	1.40	39.5	1.32	37.7	1.26	36.0	1.19
		10.2	45.2	1.58	42.7	1.45	40.5	1.39	39.5	1.32	37.7	1.26	36.0	1.19
		20.3	45.2	1.52	42.7	1.45	40.5	1.32	39.5	1.32	37.7	1.26	36.0	1.19
		25.4	45.2	1.52	42.7	1.45	40.5	1.32	39.5	1.32	37.7	1.26	36.0	1.19
		30.5	45.2	1.52	42.7	1.45	40.5	1.32	39.5	1.32	37.7	1.26	36.0	1.19
	86	8.1	45.2	1.47	42.7	1.33	40.5	1.27	39.5	1.19	37.7	1.21	36.0	1.14
		10.2	45.2	1.45	42.7	1.32	40.5	1.26	39.5	1.19	37.7	1.19	36.0	1.12
		20.3	45.2	1.39	42.7	1.26	40.5	1.19	39.5	1.19	37.7	1.12	36.0	1.06
		25.4	45.2	1.39	42.7	1.26	40.5	1.19	39.5	1.19	37.7	1.12	36.0	1.06
		30.5	45.2	1.39	42.7	1.26	40.5	1.19	39.5	1.19	37.7	1.12	36.0	1.06
	95	8.1	45.2	1.33	42.7	1.19	40.5	1.12	39.5	1.14	37.7	1.06	36.0	0.99
		10.2	45.2	1.32	42.7	1.19	40.5	1.12	39.5	1.12	37.7	1.06	36.0	0.99
		20.3	45.2	1.26	42.7	1.19	40.5	1.12	39.5	1.06	37.7	1.06	36.0	0.99
		25.4	45.2	1.26	42.7	1.19	40.5	1.12	39.5	1.06	37.7	1.06	36.0	0.99
		30.5	45.2	1.26	42.7	1.19	40.5	1.12	39.5	1.06	37.7	1.06	36.0	0.99
	104	8.1	45.2	1.21	42.7	1.14	40.5	1.08	39.5	0.99	37.7	1.01	36.0	0.92
		10.2	45.2	1.19	42.7	1.12	40.5	1.06	39.5	0.99	37.7	0.99	36.0	0.92
		20.3	45.2	1.12	42.7	1.06	40.5	0.99	39.5	0.99	37.7	0.92	36.0	0.92
		25.4	45.2	1.12	42.7	1.06	40.5	0.99	39.5	0.99	37.7	0.92	36.0	0.92
		30.5	45.2	1.12	42.7	1.06	40.5	0.99	39.5	0.99	37.7	0.92	36.0	0.92
	113	8.1	45.2	1.08	42.7	1.09	40.5	1.02	39.5	0.84	37.7	0.95	36.0	0.86
		10.2	45.2	1.06	42.7	1.06	40.5	0.99	39.5	0.86	37.7	0.92	36.0	0.86
		20.3	45.2	0.99	42.7	0.92	40.5	0.86	39.5	0.92	37.7	0.79	36.0	0.86
		25.4	45.2	0.99	42.7	0.92	40.5	0.86	39.5	0.92	37.7	0.79	36.0	0.86
		30.5	45.2	0.99	42.7	0.92	40.5	0.86	39.5	0.92	37.7	0.79	36.0	0.86

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN096DAS4, ARWB096DAS4

96,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
130	23	10.2	51.1	5.64	50.7	5.31	50.4	4.95	49.7	4.80	50.3	4.68	48.9	4.19
		12.7	52.8	5.74	52.4	5.42	52.1	5.06	51.4	4.91	52.0	4.78	50.6	4.28
		25.4	59.8	6.13	59.3	5.83	59.0	5.48	58.2	5.32	58.9	5.18	57.4	4.65
		31.8	66.1	6.52	65.5	6.23	65.1	5.91	64.3	5.75	65.1	5.59	63.4	5.01
		38.1	69.3	6.72	68.6	6.43	68.2	6.13	67.4	5.97	68.2	5.79	66.4	5.19
	32	10.2	91.3	7.72	89.2	7.49	87.3	7.25	85.4	7.04	85.7	6.85	81.8	6.13
		12.7	91.8	7.74	89.7	7.51	87.8	7.27	85.9	7.06	86.2	6.87	82.3	6.15
		25.4	94.0	7.82	91.7	7.58	89.8	7.35	87.9	7.15	88.2	6.94	84.3	6.23
		31.8	95.4	7.82	93.1	7.58	91.2	7.35	89.2	7.15	89.5	6.94	85.5	6.23
		38.1	96.2	7.82	93.8	7.58	91.9	7.35	89.9	7.15	90.2	6.94	86.1	6.23
	41	10.2	131.5	8.30	129.5	8.09	126.8	7.89	123.6	7.66	120.3	7.45	113.6	6.67
		12.7	131.9	8.34	129.7	8.13	126.8	7.93	123.6	7.70	120.3	7.49	113.6	6.71
		25.4	133.7	8.48	130.6	8.28	126.9	8.09	123.6	7.86	120.3	7.64	113.6	6.85
		31.8	134.5	8.54	131.0	8.34	126.9	8.14	123.6	7.92	120.3	7.69	113.6	6.90
		38.1	134.9	8.57	131.2	8.36	126.9	8.17	123.6	7.95	120.3	7.72	113.6	6.92
	50	10.2	131.6	7.55	129.5	7.30	126.4	7.16	123.1	7.00	119.8	6.76	113.2	6.10
		12.7	132.4	7.54	130.1	7.30	126.9	7.17	123.6	7.00	120.3	6.76	113.6	6.10
		25.4	135.5	7.48	132.5	7.33	128.9	7.23	125.6	6.99	122.1	6.74	115.4	6.08
		31.8	136.2	7.58	133.4	7.43	129.7	7.26	126.2	7.02	122.9	6.85	116.1	6.37
		38.1	136.6	7.63	133.9	7.49	130.1	7.27	126.5	7.03	123.3	6.91	116.5	6.51
	59	10.2	131.8	6.81	129.5	6.51	125.9	6.44	122.6	6.34	119.3	6.07	112.7	5.53
		12.7	132.9	6.74	130.5	6.49	126.9	6.43	123.6	6.29	120.3	6.02	113.6	5.48
		25.4	137.2	6.47	134.4	6.38	130.9	6.38	127.6	6.11	123.9	5.84	117.2	5.30
		31.8	137.9	6.63	135.7	6.52	132.5	6.38	128.9	6.11	125.6	6.00	118.6	5.84
		38.1	138.3	6.71	136.4	6.60	133.3	6.38	129.6	6.11	126.4	6.09	119.4	6.11
	68	10.2	136.8	6.24	134.3	5.95	130.8	5.82	127.2	5.64	123.5	5.51	116.2	5.34
		12.7	137.9	6.20	135.4	5.95	131.8	5.82	128.2	5.66	124.6	5.55	117.2	5.30
		25.4	142.3	6.02	139.7	5.93	135.8	5.80	132.2	5.75	128.9	5.70	121.6	5.12
		31.8	142.9	6.02	140.8	5.93	137.4	5.84	133.5	5.75	129.9	5.70	122.6	5.45
		38.1	143.2	6.02	141.3	5.93	138.2	5.85	134.2	5.75	130.4	5.70	123.1	5.61
	77	10.2	144.5	5.95	140.8	5.78	137.4	5.68	134.8	5.59	131.8	5.51	124.3	5.14
		12.7	144.5	5.93	140.8	5.77	137.4	5.66	134.8	5.57	131.8	5.48	124.3	5.12
		25.4	144.5	5.84	140.8	5.73	137.4	5.57	134.8	5.48	131.8	5.39	124.3	5.03
		31.8	144.5	5.75	140.8	5.59	137.4	5.48	134.8	5.39	131.8	5.30	124.3	4.94
		38.1	144.5	5.71	140.8	5.51	137.4	5.44	134.8	5.34	131.8	5.25	124.3	4.90
	86	10.2	144.5	5.80	140.8	5.51	137.4	5.46	134.8	5.32	131.8	5.26	124.3	4.90
		12.7	144.5	5.75	140.8	5.50	137.4	5.43	134.8	5.30	131.8	5.21	124.3	4.85
		25.4	144.5	5.57	140.8	5.46	137.4	5.30	134.8	5.21	131.8	5.03	124.3	4.67
		31.8	144.5	5.48	140.8	5.32	137.4	5.21	134.8	5.12	131.8	5.03	124.3	4.67
		38.1	144.5	5.44	140.8	5.24	137.4	5.17	134.8	5.07	131.8	5.03	124.3	4.67
	95	10.2	144.5	5.53	140.8	5.35	137.4	5.24	134.8	5.05	131.8	4.87	124.3	4.53
		12.7	144.5	5.48	140.8	5.32	137.4	5.21	134.8	5.03	131.8	4.85	124.3	4.49
		25.4	144.5	5.30	140.8	5.19	137.4	5.12	134.8	4.94	131.8	4.76	124.3	4.31
		31.8	144.5	5.30	140.8	5.14	137.4	5.03	134.8	4.85	131.8	4.67	124.3	4.31
		38.1	144.5	5.30	140.8	5.11	137.4	4.98	134.8	4.80	131.8	4.63	124.3	4.31
	104	10.2	144.5	5.34	140.8	5.17	137.4	5.07	134.8	4.90	131.8	4.72	124.3	4.26
		12.7	144.5	5.30	140.8	5.14	137.4	5.03	134.8	4.85	131.8	4.67	124.3	4.22
		25.4	144.5	5.12	140.8	5.01	137.4	4.85	134.8	4.67	131.8	4.49	124.3	4.04
		31.8	144.5	5.03	140.8	4.93	137.4	4.85	134.8	4.67	131.8	4.49	124.3	4.04
		38.1	144.5	4.98	140.8	4.88	137.4	4.85	134.8	4.67	131.8	4.49	124.3	4.04
	113	10.2	144.5	5.17	140.8	5.00	137.4	4.92	134.8	4.74	131.8	4.56	124.3	3.99
		12.7	144.5	5.12	140.8	4.96	137.4	4.85	134.8	4.67	131.8	4.49	124.3	3.95
		25.4	144.5	4.94	140.8	4.83	137.4	4.58	134.8	4.40	131.8	4.22	124.3	3.77
		31.8	144.5	4.76	140.8	4.71	137.4	4.67	134.8	4.49	131.8	4.31	124.3	3.77
		38.1	144.5	4.66	140.8	4.65	137.4	4.72	134.8	4.53	131.8	4.36	124.3	3.77

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN096DAS4, ARWB096DAS4

96,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
120	23	10.2	48.6	5.64	48.2	5.31	47.9	4.95	47.3	4.74	47.7	4.60	46.4	4.12
		12.7	50.2	5.74	49.8	5.42	49.5	5.06	48.9	4.84	49.3	4.70	48.0	4.21
		25.4	56.9	6.13	56.4	5.83	56.1	5.48	55.4	5.25	55.9	5.10	54.4	4.57
		31.8	62.8	6.52	62.3	6.23	61.9	5.91	61.2	5.67	61.7	5.50	60.0	4.93
		38.1	65.8	6.72	65.3	6.43	64.8	6.13	64.1	5.88	64.6	5.70	62.8	5.10
	32	10.2	86.8	7.72	84.7	7.49	82.9	7.25	81.2	6.94	81.2	6.75	77.5	6.03
		12.7	87.3	7.74	85.2	7.51	83.4	7.27	81.7	6.96	81.7	6.77	78.0	6.05
		25.4	89.3	7.82	87.2	7.58	85.4	7.35	83.6	7.04	83.6	6.84	79.9	6.12
		31.8	90.7	7.82	88.6	7.58	86.7	7.35	84.9	7.04	84.8	6.84	81.1	6.12
		38.1	91.4	7.82	89.3	7.58	87.4	7.35	85.6	7.04	85.4	6.84	81.7	6.12
	41	10.2	125.1	8.30	123.2	8.09	120.6	7.89	117.6	7.55	113.9	7.34	107.7	6.57
		12.7	125.6	8.34	123.5	8.13	120.6	7.93	117.6	7.59	113.9	7.38	107.7	6.61
		25.4	127.4	8.48	124.4	8.28	120.6	8.09	117.6	7.75	113.9	7.53	107.7	6.74
		31.8	128.1	8.54	123.7	8.34	120.6	8.14	117.6	7.81	113.9	7.58	107.7	6.78
		38.1	128.4	8.57	123.3	8.36	120.6	8.17	117.6	7.83	113.9	7.61	107.7	6.81
	50	10.2	125.6	7.46	123.3	7.25	120.2	7.10	117.3	6.89	113.6	6.66	107.4	5.99
		12.7	126.2	7.48	123.8	7.28	120.6	7.13	117.6	6.90	113.9	6.65	107.7	5.99
		25.4	128.5	7.58	125.8	7.39	121.9	7.23	119.0	6.93	115.1	6.64	108.8	6.02
		31.8	129.2	7.56	125.4	7.39	122.4	7.26	119.5	6.96	115.6	6.66	109.3	6.23
		38.1	129.6	7.54	125.2	7.39	122.6	7.27	119.7	6.97	115.9	6.68	109.6	6.33
	59	10.2	126.0	6.61	123.4	6.42	119.9	6.32	117.0	6.22	113.3	5.97	107.1	5.41
		12.7	126.7	6.63	124.2	6.43	120.6	6.33	117.6	6.20	113.9	5.93	107.7	5.39
		25.4	129.6	6.68	127.2	6.49	123.3	6.38	120.3	6.11	116.2	5.75	110.0	5.30
		31.8	130.3	6.58	127.1	6.43	124.3	6.38	121.3	6.11	117.2	5.75	111.0	5.66
		38.1	130.7	6.53	127.0	6.40	124.8	6.38	121.8	6.11	117.7	5.75	111.5	5.84
	68	10.2	129.5	5.95	127.0	5.69	123.2	5.54	119.8	5.46	115.9	5.39	109.7	5.12
		12.7	130.3	5.95	127.8	5.72	123.9	5.57	120.6	5.48	116.6	5.39	110.3	5.10
		25.4	133.6	5.95	130.8	5.80	126.6	5.66	123.6	5.57	119.6	5.37	112.9	5.03
		31.8	134.2	5.89	130.7	5.75	127.6	5.66	124.3	5.57	120.3	5.39	113.6	5.21
		38.1	134.5	5.86	130.7	5.73	128.1	5.66	124.6	5.57	120.6	5.40	114.0	5.31
	77	10.2	135.8	5.62	131.8	5.36	127.6	5.26	124.9	5.14	121.6	5.05	114.9	4.70
		12.7	135.8	5.60	131.8	5.35	127.6	5.25	124.9	5.12	121.6	5.03	114.9	4.67
		25.4	136.1	5.52	131.8	5.32	127.6	5.21	124.9	5.03	121.6	4.94	114.9	4.58
		31.8	136.5	5.32	131.8	5.18	127.6	5.12	124.9	5.03	121.6	4.85	114.9	4.58
		38.1	136.7	5.21	131.8	5.11	127.6	5.07	124.9	5.03	121.6	4.80	114.9	4.58
	86	10.2	136.5	5.38	131.8	5.11	127.6	4.97	124.9	4.78	121.6	4.72	114.9	4.34
		12.7	136.5	5.33	131.8	5.08	127.6	4.94	124.9	4.76	121.6	4.67	114.9	4.31
		25.4	136.5	5.16	131.8	4.96	127.6	4.85	124.9	4.67	121.6	4.49	114.9	4.22
		31.8	136.5	4.99	131.8	4.85	127.6	4.76	124.9	4.67	121.6	4.49	114.9	4.14
		38.1	136.5	4.91	131.8	4.79	127.6	4.71	124.9	4.67	121.6	4.49	114.9	4.09
	95	10.2	136.5	5.14	131.8	4.86	127.6	4.72	124.9	4.53	121.6	4.36	114.9	3.97
		12.7	136.5	5.06	131.8	4.81	127.6	4.67	124.9	4.49	121.6	4.31	114.9	3.95
		25.4	136.5	4.78	131.8	4.64	127.6	4.49	124.9	4.31	121.6	4.14	114.9	3.87
		31.8	136.5	4.72	131.8	4.60	127.6	4.49	124.9	4.31	121.6	4.14	114.9	3.77
		38.1	136.5	4.69	131.8	4.58	127.6	4.49	124.9	4.31	121.6	4.14	114.9	3.73
	104	10.2	136.5	4.98	131.8	4.64	127.6	4.45	124.9	4.26	121.6	4.09	114.9	3.70
		12.7	136.5	4.89	131.8	4.58	127.6	4.40	124.9	4.22	121.6	4.04	114.9	3.68
		25.4	136.5	4.51	131.8	4.37	127.6	4.22	124.9	4.04	121.6	3.87	114.9	3.60
		31.8	136.5	4.45	131.8	4.31	127.6	4.22	124.9	4.04	121.6	3.87	114.9	3.50
		38.1	136.5	4.42	131.8	4.28	127.6	4.22	124.9	4.04	121.6	3.87	114.9	3.46
	113	10.2	136.5	4.83	131.8	4.41	127.6	4.18	124.9	3.99	121.6	3.82	114.9	3.43
		12.7	136.5	4.71	131.8	4.35	127.6	4.14	124.9	3.95	121.6	3.77	114.9	3.41
		25.4	136.5	4.24	131.8	4.10	127.6	3.95	124.9	3.77	121.6	3.60	114.9	3.33
		31.8	136.5	4.18	131.8	4.02	127.6	3.95	124.9	3.77	121.6	3.60	114.9	3.23
		38.1	136.5	4.15	131.8	3.99	127.6	3.95	124.9	3.77	121.6	3.60	114.9	3.19

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN096DAS4, ARWB096DAS4

96,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
110	23	10.2	45.9	5.72	45.6	5.31	45.3	4.95	44.9	4.74	45.0	4.60	44.0	4.12
		12.7	47.5	5.82	47.2	5.42	46.9	5.06	46.4	4.84	46.5	4.70	45.5	4.21
		25.4	53.7	6.21	53.4	5.83	53.1	5.48	52.5	5.25	52.5	5.10	51.5	4.57
		31.8	59.4	6.61	59.0	6.23	58.7	5.91	58.1	5.67	58.1	5.50	56.9	4.93
		38.1	62.2	6.81	61.8	6.43	61.5	6.13	60.9	5.88	60.9	5.70	59.5	5.10
	32	10.2	82.1	7.82	80.3	7.49	78.6	7.25	77.1	6.94	76.4	6.75	73.5	6.03
		12.7	82.6	7.84	80.8	7.51	79.1	7.27	77.6	6.96	76.9	6.77	73.9	6.05
		25.4	84.5	7.92	82.7	7.58	80.9	7.35	79.4	7.04	78.7	6.84	75.7	6.12
		31.8	85.8	7.92	84.0	7.58	82.2	7.35	80.6	7.04	79.9	6.84	76.8	6.12
		38.1	86.5	7.92	84.6	7.58	82.8	7.35	81.2	7.04	80.5	6.84	77.3	6.12
	41	10.2	119.8	8.41	116.9	8.09	114.2	7.89	111.6	7.55	107.3	7.34	102.1	6.57
		12.7	120.2	8.45	117.1	8.13	114.2	7.93	111.6	7.59	107.3	7.38	102.1	6.61
		25.4	121.8	8.60	118.0	8.28	114.3	8.09	111.6	7.75	107.3	7.53	102.1	6.74
		31.8	122.5	8.65	118.3	8.34	114.3	8.14	111.6	7.81	107.3	7.58	102.1	6.78
		38.1	122.8	8.68	118.5	8.36	114.3	8.17	111.6	7.83	107.3	7.61	102.1	6.81
	50	10.2	120.2	7.54	117.2	7.28	114.1	7.13	111.4	6.89	107.1	6.66	101.9	5.99
		12.7	120.7	7.56	117.5	7.30	114.2	7.15	111.6	6.90	107.3	6.65	102.1	5.99
		25.4	122.5	7.61	118.7	7.39	114.9	7.23	112.3	6.93	108.0	6.64	102.6	6.02
		31.8	123.2	7.61	119.3	7.39	115.3	7.21	112.5	6.91	108.2	6.66	102.9	6.09
		38.1	123.5	7.61	119.5	7.39	115.5	7.20	112.6	6.90	108.3	6.68	103.0	6.12
	59	10.2	120.6	6.67	117.4	6.49	114.0	6.38	111.3	6.22	106.9	5.97	101.8	5.41
		12.7	121.1	6.66	117.8	6.49	114.3	6.38	111.6	6.20	107.3	5.93	102.1	5.39
		25.4	123.1	6.63	119.6	6.49	115.6	6.38	112.9	6.11	108.7	5.75	103.1	5.30
		31.8	123.8	6.58	120.2	6.43	116.2	6.29	113.3	6.02	109.0	5.75	103.7	5.39
		38.1	124.1	6.56	120.5	6.40	116.5	6.25	113.5	5.98	109.2	5.75	104.0	5.44
	68	10.2	122.8	5.76	119.4	5.62	115.6	5.48	112.5	5.39	108.4	5.24	102.7	4.90
		12.7	123.5	5.77	119.9	5.62	115.9	5.48	112.9	5.39	108.7	5.21	103.1	4.89
		25.4	126.1	5.82	121.5	5.62	117.2	5.48	114.6	5.39	110.0	5.12	104.7	4.85
		31.8	126.8	5.82	122.5	5.62	117.9	5.48	114.9	5.30	110.6	5.12	105.0	4.85
		38.1	127.1	5.82	123.0	5.62	118.3	5.48	115.1	5.25	110.9	5.12	105.1	4.85
	77	10.2	126.6	5.24	122.9	5.05	117.9	4.97	115.3	4.78	111.3	4.60	105.4	4.22
		12.7	126.9	5.23	122.9	5.03	117.9	4.94	115.3	4.76	111.3	4.58	105.4	4.22
		25.4	127.9	5.19	122.9	4.94	117.9	4.85	115.3	4.67	111.3	4.49	105.4	4.22
		31.8	128.5	5.19	122.9	4.96	117.9	4.76	115.3	4.67	111.3	4.40	105.4	4.14
		38.1	128.8	5.19	122.9	4.97	117.9	4.71	115.3	4.67	111.3	4.36	105.4	4.09
	86	10.2	128.5	4.78	122.9	4.60	117.9	4.43	115.3	4.34	111.3	4.07	105.4	3.80
		12.7	128.5	4.76	122.9	4.58	117.9	4.40	115.3	4.31	111.3	4.04	105.4	3.77
		25.4	128.5	4.67	122.9	4.49	117.9	4.31	115.3	4.22	111.3	3.95	105.4	3.68
		31.8	128.5	4.64	122.9	4.40	117.9	4.22	115.3	4.14	111.3	3.95	105.4	3.68
		38.1	128.5	4.62	122.9	4.36	117.9	4.17	115.3	4.09	111.3	3.95	105.4	3.68
	95	10.2	128.5	4.53	122.9	4.24	117.9	4.07	115.3	3.89	111.3	3.70	105.4	3.43
		12.7	128.5	4.49	122.9	4.22	117.9	4.04	115.3	3.87	111.3	3.68	105.4	3.41
		25.4	128.5	4.31	122.9	4.14	117.9	3.95	115.3	3.77	111.3	3.60	105.4	3.33
		31.8	128.5	4.20	122.9	4.04	117.9	3.87	115.3	3.77	111.3	3.60	105.4	3.33
		38.1	128.5	4.14	122.9	4.00	117.9	3.82	115.3	3.77	111.3	3.60	105.4	3.33
	104	10.2	128.5	4.26	122.9	4.09	117.9	3.82	115.3	3.62	111.3	3.43	105.4	3.16
		12.7	128.5	4.22	122.9	4.04	117.9	3.77	115.3	3.60	111.3	3.41	105.4	3.14
		25.4	128.5	4.04	122.9	3.87	117.9	3.60	115.3	3.50	111.3	3.33	105.4	3.06
		31.8	128.5	3.99	122.9	3.77	117.9	3.60	115.3	3.41	111.3	3.23	105.4	2.96
		38.1	128.5	3.96	122.9	3.73	117.9	3.60	115.3	3.36	111.3	3.19	105.4	2.92
	113	10.2	128.5	3.99	122.9	3.93	117.9	3.57	115.3	3.35	111.3	3.16	105.4	2.89
		12.7	128.5	3.95	122.9	3.87	117.9	3.50	115.3	3.33	111.3	3.14	105.4	2.87
		25.4	128.5	3.77	122.9	3.60	117.9	3.23	115.3	3.23	111.3	3.06	105.4	2.79
		31.8	128.5	3.77	122.9	3.50	117.9	3.33	115.3	3.06	111.3	2.87	105.4	2.60
		38.1	128.5	3.77	122.9	3.46	117.9	3.37	115.3	2.97	111.3	2.78	105.4	2.51

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN096DAS4, ARWB096DAS4

96,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
100	23	10.2	43.4	5.72	43.1	5.39	42.9	4.95	42.6	4.74	42.2	4.53	41.4	4.12
		12.7	44.9	5.82	44.6	5.49	44.4	5.06	44.0	4.84	43.6	4.63	42.8	4.21
		25.4	50.8	6.21	50.5	5.90	50.2	5.48	49.7	5.25	49.3	5.03	48.5	4.57
		31.8	56.2	6.61	55.8	6.31	55.5	5.91	55.0	5.67	54.6	5.42	53.5	4.93
		38.1	58.8	6.81	58.4	6.52	58.1	6.13	57.6	5.88	57.2	5.61	56.1	5.10
	32	10.2	77.6	7.82	75.9	7.59	74.3	7.25	73.0	6.94	71.7	6.64	69.2	6.03
		12.7	78.1	7.84	76.4	7.61	74.7	7.27	73.4	6.96	72.1	6.66	69.6	6.05
		25.4	79.9	7.92	78.2	7.69	76.5	7.35	75.1	7.04	73.8	6.74	71.2	6.12
		31.8	81.1	7.92	79.4	7.69	77.7	7.35	76.3	7.04	74.9	6.74	72.3	6.12
		38.1	81.7	7.92	80.0	7.69	78.3	7.35	76.8	7.04	75.5	6.74	72.9	6.12
	41	10.2	114.5	8.41	110.7	8.21	107.9	7.89	105.7	7.55	100.7	7.23	96.0	6.57
		12.7	114.9	8.45	110.9	8.24	107.9	7.93	105.7	7.59	100.7	7.27	96.0	6.61
		25.4	116.5	8.60	111.7	8.39	108.0	8.09	105.7	7.75	100.7	7.42	96.0	6.74
		31.8	117.2	8.65	112.0	8.45	108.0	8.14	105.7	7.81	100.7	7.46	96.0	6.78
		38.1	117.6	8.68	112.2	8.48	108.0	8.17	105.7	7.83	100.7	7.49	96.0	6.81
	50	10.2	115.2	7.52	111.1	7.36	108.0	7.13	105.7	6.89	100.7	6.54	96.0	5.99
		12.7	115.4	7.56	111.2	7.38	108.0	7.15	105.7	6.90	100.7	6.55	96.0	5.99
		25.4	116.5	7.69	111.8	7.47	108.0	7.23	105.7	6.93	100.7	6.58	96.0	6.02
		31.8	117.3	7.67	112.3	7.47	108.0	7.21	105.7	6.91	100.7	6.56	96.0	5.99
		38.1	117.7	7.65	112.6	7.47	108.0	7.20	105.7	6.90	100.7	6.55	96.0	5.98
	59	10.2	115.8	6.63	111.5	6.52	108.0	6.38	105.7	6.22	100.7	5.86	96.0	5.41
		12.7	115.9	6.66	111.6	6.52	108.0	6.38	105.7	6.20	100.7	5.84	96.0	5.39
		25.4	116.5	6.79	111.9	6.54	108.0	6.38	105.7	6.11	100.7	5.75	96.0	5.30
		31.8	117.5	6.68	112.5	6.49	108.0	6.29	105.7	6.02	100.7	5.66	96.0	5.21
		38.1	118.1	6.63	112.8	6.46	108.0	6.25	105.7	5.98	100.7	5.61	96.0	5.17
	68	10.2	116.4	5.67	112.1	5.52	108.0	5.39	105.7	5.32	100.7	4.97	96.0	4.72
		12.7	116.8	5.70	112.2	5.53	108.0	5.39	105.7	5.30	100.7	4.94	96.0	4.67
		25.4	118.5	5.80	112.5	5.55	108.0	5.39	105.7	5.21	100.7	4.85	96.0	4.49
		31.8	119.3	5.70	113.5	5.50	108.0	5.30	105.7	5.12	100.7	4.76	96.0	4.40
		38.1	119.6	5.65	114.0	5.48	108.0	5.25	105.7	5.07	100.7	4.71	96.0	4.36
	77	10.2	117.8	4.96	113.9	4.80	108.0	4.60	105.7	4.43	100.7	4.16	96.0	3.77
		12.7	118.2	4.96	113.9	4.78	108.0	4.58	105.7	4.40	100.7	4.14	96.0	3.77
		25.4	120.0	4.98	113.9	4.67	108.0	4.49	105.7	4.31	100.7	4.04	96.0	3.77
		31.8	120.6	4.87	113.9	4.64	108.0	4.40	105.7	4.22	100.7	4.04	96.0	3.68
		38.1	120.9	4.81	113.9	4.62	108.0	4.36	105.7	4.17	100.7	4.04	96.0	3.63
	86	10.2	120.6	4.51	113.9	4.16	108.0	3.88	105.7	3.80	100.7	3.50	96.0	3.35
		12.7	120.6	4.49	113.9	4.14	108.0	3.87	105.7	3.77	100.7	3.50	96.0	3.33
		25.4	120.6	4.40	113.9	4.04	108.0	3.83	105.7	3.68	100.7	3.50	96.0	3.23
		31.8	120.6	4.31	113.9	4.04	108.0	3.77	105.7	3.68	100.7	3.41	96.0	3.23
		38.1	120.6	4.27	113.9	4.04	108.0	3.74	105.7	3.68	100.7	3.36	96.0	3.23
	95	10.2	120.6	4.18	113.9	3.82	108.0	3.42	105.7	3.35	100.7	3.16	96.0	2.89
		12.7	120.6	4.14	113.9	3.77	108.0	3.41	105.7	3.33	100.7	3.14	96.0	2.87
		25.4	120.6	3.95	113.9	3.60	108.0	3.37	105.7	3.23	100.7	3.06	96.0	2.79
		31.8	120.6	3.95	113.9	3.60	108.0	3.33	105.7	3.23	100.7	3.06	96.0	2.79
		38.1	120.6	3.95	113.9	3.60	108.0	3.30	105.7	3.23	100.7	3.06	96.0	2.79
	104	10.2	120.6	3.91	113.9	3.55	108.0	3.07	105.7	2.99	100.7	2.81	96.0	2.62
		12.7	120.6	3.87	113.9	3.50	108.0	3.06	105.7	2.96	100.7	2.79	96.0	2.60
		25.4	120.6	3.68	113.9	3.33	108.0	3.02	105.7	2.87	100.7	2.70	96.0	2.52
		31.8	120.6	3.60	113.9	3.33	108.0	2.96	105.7	2.87	100.7	2.70	96.0	2.52
		38.1	120.6	3.55	113.9	3.33	108.0	2.94	105.7	2.87	100.7	2.70	96.0	2.52
	113	10.2	120.6	3.64	113.9	3.28	108.0	2.70	105.7	2.62	100.7	2.45	96.0	2.35
		12.7	120.6	3.60	113.9	3.23	108.0	2.70	105.7	2.60	100.7	2.43	96.0	2.33
		25.4	120.6	3.41	113.9	3.06	108.0	2.66	105.7	2.52	100.7	2.33	96.0	2.25
		31.8	120.6	3.23	113.9	3.06	108.0	2.60	105.7	2.52	100.7	2.33	96.0	2.25
		38.1	120.6	3.15	113.9	3.06	108.0	2.57	105.7	2.52	100.7	2.33	96.0	2.25

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN096DAS4, ARWB096DAS4

96,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
90	23	10.2	41.0	5.31	39.7	4.83	38.6	4.25	38.3	4.05	38.0	3.90	37.3	3.50
		12.7	42.4	5.40	41.1	4.93	39.9	4.34	39.6	4.14	39.3	3.99	38.6	3.58
		25.4	48.0	5.76	46.5	5.29	45.1	4.71	44.8	4.49	44.5	4.33	43.6	3.88
		31.8	53.0	6.12	51.3	5.66	49.8	5.08	49.4	4.84	49.1	4.67	48.2	4.19
		38.1	55.6	6.31	53.8	5.85	52.2	5.27	51.8	5.02	51.5	4.83	50.6	4.35
	32	10.2	73.3	7.23	69.9	6.78	66.7	6.23	65.7	5.94	64.6	5.72	62.2	5.13
		12.7	73.7	7.25	70.3	6.80	67.1	6.24	66.1	5.96	65.0	5.73	62.6	5.15
		25.4	75.4	7.32	71.9	6.88	68.7	6.31	67.6	6.02	66.5	5.80	64.1	5.20
		31.8	76.6	7.32	73.0	6.88	69.8	6.31	68.6	6.02	67.6	5.80	65.1	5.20
		38.1	77.1	7.32	73.6	6.88	70.4	6.31	69.1	6.02	68.2	5.80	65.6	5.20
	41	10.2	103.6	7.76	100.2	7.32	97.0	6.78	95.0	6.46	90.8	6.22	86.5	5.58
		12.7	103.7	7.80	100.2	7.36	97.0	6.81	95.0	6.50	90.8	6.25	86.5	5.61
		25.4	104.1	7.94	99.9	7.50	97.0	6.94	95.0	6.63	90.8	6.38	86.5	5.72
		31.8	104.7	7.98	100.2	7.55	97.0	7.00	95.0	6.67	90.8	6.43	86.5	5.77
		38.1	105.0	8.01	100.3	7.57	97.0	7.03	95.0	6.70	90.8	6.45	86.5	5.79
	50	10.2	104.1	6.85	100.6	6.52	97.0	6.14	95.0	5.88	90.8	5.65	86.5	5.09
		12.7	104.1	6.86	100.5	6.52	97.0	6.14	95.0	5.89	90.8	5.64	86.5	5.09
		25.4	103.9	6.88	100.0	6.55	97.0	6.17	95.0	5.92	90.8	5.62	86.5	5.11
		31.8	104.6	6.86	100.3	6.53	97.0	6.15	95.0	5.90	90.8	5.64	86.5	5.13
		38.1	104.9	6.85	100.4	6.52	97.0	6.14	95.0	5.89	90.8	5.65	86.5	5.14
	59	10.2	104.7	5.93	100.9	5.72	97.0	5.51	95.0	5.32	90.8	5.07	86.5	4.60
		12.7	104.5	5.91	100.8	5.70	97.0	5.48	95.0	5.30	90.8	5.03	86.5	4.58
		25.4	103.8	5.82	100.1	5.60	97.0	5.39	95.0	5.21	90.8	4.85	86.5	4.49
		31.8	104.5	5.73	100.4	5.52	97.0	5.30	95.0	5.12	90.8	4.85	86.5	4.49
		38.1	104.8	5.69	100.5	5.48	97.0	5.25	95.0	5.07	90.8	4.85	86.5	4.49
	68	10.2	105.3	5.01	101.4	4.87	97.0	4.70	95.0	4.51	90.8	4.36	86.5	4.09
		12.7	105.2	5.01	101.2	4.85	97.0	4.67	95.0	4.49	90.8	4.31	86.5	4.04
		25.4	104.8	5.01	100.4	4.80	97.0	4.58	95.0	4.40	90.8	4.14	86.5	3.87
		31.8	105.1	4.93	100.7	4.76	97.0	4.58	95.0	4.40	90.8	4.14	86.5	3.87
		38.1	105.2	4.88	100.8	4.74	97.0	4.58	95.0	4.40	90.8	4.14	86.5	3.87
	77	10.2	107.0	4.38	102.7	4.14	97.0	3.97	95.0	3.77	90.8	3.62	86.5	3.35
		12.7	107.3	4.37	102.7	4.14	97.0	3.95	95.0	3.77	90.8	3.60	86.5	3.33
		25.4	108.3	4.33	102.7	4.10	97.0	3.87	95.0	3.77	90.8	3.50	86.5	3.23
		31.8	108.7	4.22	102.7	4.01	97.0	3.87	95.0	3.68	90.8	3.50	86.5	3.23
		38.1	108.9	4.16	102.7	3.96	97.0	3.87	95.0	3.63	90.8	3.50	86.5	3.23
	86	10.2	108.7	3.97	102.7	3.70	97.0	3.43	95.0	3.35	90.8	3.16	86.5	2.87
		12.7	108.7	3.95	102.7	3.68	97.0	3.41	95.0	3.33	90.8	3.14	86.5	2.87
		25.4	108.7	3.87	102.7	3.60	97.0	3.33	95.0	3.23	90.8	3.06	86.5	2.87
		31.8	108.7	3.77	102.7	3.50	97.0	3.33	95.0	3.23	90.8	3.06	86.5	2.79
		38.1	108.7	3.73	102.7	3.46	97.0	3.33	95.0	3.23	90.8	3.06	86.5	2.75
	95	10.2	108.7	3.62	102.7	3.35	97.0	3.08	95.0	2.99	90.8	2.81	86.5	2.62
		12.7	108.7	3.60	102.7	3.33	97.0	3.06	95.0	2.96	90.8	2.79	86.5	2.60
		25.4	108.7	3.50	102.7	3.23	97.0	2.96	95.0	2.87	90.8	2.70	86.5	2.52
		31.8	108.7	3.41	102.7	3.14	97.0	2.87	95.0	2.79	90.8	2.70	86.5	2.52
		38.1	108.7	3.36	102.7	3.09	97.0	2.82	95.0	2.75	90.8	2.70	86.5	2.52
	104	10.2	108.7	3.37	102.7	3.08	97.0	2.72	95.0	2.62	90.8	2.54	86.5	2.35
		12.7	108.7	3.33	102.7	3.06	97.0	2.70	95.0	2.60	90.8	2.52	86.5	2.33
		25.4	108.7	3.14	102.7	2.96	97.0	2.60	95.0	2.52	90.8	2.43	86.5	2.25
		31.8	108.7	3.14	102.7	2.96	97.0	2.60	95.0	2.52	90.8	2.43	86.5	2.25
		38.1	108.7	3.14	102.7	2.96	97.0	2.60	95.0	2.52	90.8	2.43	86.5	2.25
	113	10.2	108.7	3.13	102.7	2.81	97.0	2.35	95.0	2.27	90.8	2.27	86.5	2.08
		12.7	108.7	3.06	102.7	2.79	97.0	2.33	95.0	2.25	90.8	2.25	86.5	2.06
		25.4	108.7	2.79	102.7	2.70	97.0	2.25	95.0	2.16	90.8	2.16	86.5	1.98
		31.8	108.7	2.87	102.7	2.79	97.0	2.33	95.0	2.25	90.8	2.16	86.5	1.98
		38.1	108.7	2.91	102.7	2.83	97.0	2.37	95.0	2.30	90.8	2.16	86.5	1.98

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN096DAS4, ARWB096DAS4

96,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
80	23	10.2	38.8	3.78	36.3	3.64	34.4	3.48	34.0	3.37	33.8	3.21	33.1	2.96
		12.7	40.1	3.87	37.6	3.72	35.6	3.56	35.2	3.44	35.0	3.28	34.3	3.02
		25.4	45.3	4.20	42.5	4.03	40.2	3.86	39.8	3.73	39.6	3.56	38.8	3.27
		31.8	50.1	4.53	46.9	4.35	44.4	4.16	43.9	4.02	43.7	3.84	42.8	3.53
		38.1	52.6	4.69	49.1	4.51	46.5	4.32	46.0	4.17	45.8	3.98	44.8	3.66
	32	10.2	69.2	5.55	63.8	5.33	59.4	5.11	58.3	4.93	57.5	4.70	55.3	4.33
		12.7	69.6	5.57	64.2	5.34	59.8	5.12	58.7	4.94	57.9	4.71	55.7	4.34
		25.4	71.3	5.63	65.7	5.41	61.2	5.18	60.1	5.00	59.3	4.77	57.0	4.39
		31.8	72.3	5.63	66.7	5.41	62.2	5.18	61.0	5.00	60.2	4.77	57.9	4.39
		38.1	72.8	5.63	67.2	5.41	62.7	5.18	61.4	5.00	60.6	4.77	58.3	4.39
	41	10.2	95.7	6.04	90.3	5.81	86.4	5.55	84.5	5.36	80.9	5.11	76.9	4.70
		12.7	95.9	6.07	90.5	5.84	86.4	5.58	84.5	5.39	80.9	5.14	76.9	4.73
		25.4	96.7	6.20	91.2	5.95	86.5	5.70	84.5	5.50	80.9	5.24	76.9	4.83
		31.8	96.7	6.24	91.1	5.99	86.5	5.73	84.5	5.54	80.9	5.28	76.9	4.86
		38.1	96.7	6.25	91.1	6.02	86.5	5.75	84.5	5.56	80.9	5.30	76.9	4.87
	50	10.2	96.2	5.56	90.7	5.30	86.4	5.03	84.5	4.90	80.9	4.63	76.9	4.29
		12.7	96.3	5.55	90.8	5.30	86.4	5.04	84.5	4.90	80.9	4.64	76.9	4.29
		25.4	96.7	5.52	91.2	5.27	86.5	5.05	84.5	4.91	80.9	4.65	76.9	4.30
		31.8	96.7	5.50	91.1	5.29	86.5	5.06	84.5	4.88	80.9	4.62	76.9	4.27
		38.1	96.7	5.49	91.1	5.30	86.5	5.07	84.5	4.86	80.9	4.60	76.9	4.26
	59	10.2	96.7	5.07	91.1	4.80	86.5	4.51	84.5	4.43	80.9	4.16	76.9	3.89
		12.7	96.7	5.03	91.1	4.76	86.5	4.49	84.5	4.40	80.9	4.14	76.9	3.87
		25.4	96.7	4.85	91.1	4.58	86.5	4.40	84.5	4.31	80.9	4.04	76.9	3.77
		31.8	96.7	4.76	91.1	4.58	86.5	4.40	84.5	4.22	80.9	3.95	76.9	3.68
		38.1	96.7	4.71	91.1	4.58	86.5	4.40	84.5	4.17	80.9	3.90	76.9	3.63
	68	10.2	96.7	4.24	91.1	4.07	86.5	3.87	84.5	3.80	80.9	3.62	76.9	3.35
		12.7	96.7	4.22	91.1	4.04	86.5	3.87	84.5	3.77	80.9	3.60	76.9	3.33
		25.4	96.7	4.14	91.1	3.95	86.5	3.87	84.5	3.68	80.9	3.50	76.9	3.23
		31.8	96.7	4.04	91.1	3.87	86.5	3.77	84.5	3.68	80.9	3.41	76.9	3.23
		38.1	96.7	4.00	91.1	3.82	86.5	3.73	84.5	3.68	80.9	3.36	76.9	3.23
	77	10.2	96.7	3.80	91.1	3.53	86.5	3.33	84.5	3.26	80.9	3.08	76.9	2.89
		12.7	96.7	3.77	91.1	3.50	86.5	3.33	84.5	3.23	80.9	3.06	76.9	2.87
		25.4	96.7	3.68	91.1	3.41	86.5	3.33	84.5	3.14	80.9	2.96	76.9	2.79
		31.8	96.7	3.60	91.1	3.41	86.5	3.23	84.5	3.14	80.9	2.96	76.9	2.79
		38.1	96.7	3.55	91.1	3.41	86.5	3.19	84.5	3.14	80.9	2.96	76.9	2.79
	86	10.2	96.7	3.35	91.1	3.16	86.5	2.99	84.5	2.89	80.9	2.72	76.9	2.54
		12.7	96.7	3.33	91.1	3.14	86.5	2.96	84.5	2.87	80.9	2.70	76.9	2.52
		25.4	96.7	3.23	91.1	3.06	86.5	2.87	84.5	2.79	80.9	2.60	76.9	2.43
		31.8	96.7	3.23	91.1	3.06	86.5	2.87	84.5	2.79	80.9	2.60	76.9	2.43
		38.1	96.7	3.23	91.1	3.06	86.5	2.87	84.5	2.79	80.9	2.60	76.9	2.43
	95	10.2	96.7	3.08	91.1	2.89	86.5	2.62	84.5	2.52	80.9	2.45	76.9	2.25
		12.7	96.7	3.06	91.1	2.87	86.5	2.60	84.5	2.52	80.9	2.43	76.9	2.25
		25.4	96.7	2.96	91.1	2.79	86.5	2.52	84.5	2.52	80.9	2.33	76.9	2.25
		31.8	96.7	2.96	91.1	2.70	86.5	2.52	84.5	2.43	80.9	2.33	76.9	2.16
		38.1	96.7	2.96	91.1	2.65	86.5	2.52	84.5	2.38	80.9	2.33	76.9	2.11
	104	10.2	96.7	2.92	91.1	2.62	86.5	2.33	84.5	2.35	80.9	2.16	76.9	2.08
		12.7	96.7	2.87	91.1	2.60	86.5	2.33	84.5	2.33	80.9	2.16	76.9	2.06
		25.4	96.7	2.70	91.1	2.52	86.5	2.33	84.5	2.25	80.9	2.16	76.9	1.98
		31.8	96.7	2.70	91.1	2.52	86.5	2.25	84.5	2.25	80.9	2.16	76.9	1.98
		38.1	96.7	2.70	91.1	2.52	86.5	2.21	84.5	2.25	80.9	2.16	76.9	1.98
	113	10.2	96.7	2.76	91.1	2.35	86.5	2.04	84.5	2.20	80.9	1.86	76.9	1.93
		12.7	96.7	2.70	91.1	2.33	86.5	2.06	84.5	2.16	80.9	1.89	76.9	1.89
		25.4	96.7	2.43	91.1	2.25	86.5	2.16	84.5	1.98	80.9	1.98	76.9	1.71
		31.8	96.7	2.43	91.1	2.33	86.5	1.98	84.5	2.06	80.9	1.98	76.9	1.79
		38.1	96.7	2.43	91.1	2.37	86.5	1.89	84.5	2.11	80.9	1.98	76.9	1.84

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

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HEATING CAPACITY DATA

ARWN096DAS4, ARWB096DAS4

96,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
70	23	10.2	33.8	3.25	31.8	3.09	30.0	2.99	29.7	2.82	29.5	2.72	29.0	2.47
		12.7	35.0	3.32	32.9	3.16	31.0	3.06	30.7	2.88	30.5	2.78	30.0	2.53
		25.4	39.6	3.60	37.2	3.43	35.1	3.32	34.8	3.12	34.6	3.01	34.0	2.74
		31.8	43.8	3.88	41.1	3.70	38.8	3.58	38.5	3.36	38.2	3.25	37.5	2.96
		38.1	45.9	4.03	43.1	3.83	40.7	3.71	40.4	3.49	40.0	3.37	39.2	3.06
	32	10.2	60.5	4.75	55.9	4.53	51.9	4.38	51.0	4.12	50.2	3.98	48.4	3.62
		12.7	60.9	4.77	56.3	4.54	52.2	4.40	51.3	4.14	50.5	4.00	48.7	3.63
		25.4	62.3	4.82	57.6	4.59	53.4	4.45	52.5	4.18	51.7	4.04	49.8	3.67
		31.8	63.2	4.82	58.5	4.59	54.3	4.45	53.3	4.18	52.5	4.04	50.6	3.67
		38.1	63.6	4.82	58.9	4.59	54.7	4.45	53.8	4.18	52.9	4.04	51.0	3.67
	41	10.2	83.6	5.18	79.2	4.93	75.4	4.77	73.8	4.50	70.5	4.33	67.2	3.94
		12.7	83.8	5.20	79.4	4.95	75.4	4.80	73.8	4.52	70.5	4.36	67.2	3.96
		25.4	84.5	5.31	80.0	5.06	75.5	4.90	73.8	4.60	70.5	4.45	67.2	4.04
		31.8	84.5	5.34	79.9	5.09	75.5	4.93	73.8	4.64	70.5	4.48	67.2	4.07
		38.1	84.5	5.36	79.8	5.11	75.5	4.95	73.8	4.66	70.5	4.49	67.2	4.08
	50	10.2	84.0	4.77	79.5	4.51	75.5	4.34	73.8	4.10	70.5	3.93	67.2	3.60
		12.7	84.1	4.76	79.6	4.50	75.5	4.33	73.8	4.10	70.5	3.93	67.2	3.60
		25.4	84.5	4.72	79.9	4.46	75.5	4.29	73.8	4.10	70.5	3.93	67.2	3.60
		31.8	84.5	4.74	79.9	4.48	75.5	4.31	73.8	4.12	70.5	3.90	67.2	3.61
		38.1	84.5	4.75	79.9	4.49	75.5	4.32	73.8	4.13	70.5	3.89	67.2	3.61
	59	10.2	84.5	4.36	79.9	4.09	75.5	3.91	73.8	3.70	70.5	3.53	67.2	3.26
		12.7	84.5	4.31	79.9	4.04	75.5	3.87	73.8	3.68	70.5	3.50	67.2	3.23
		25.4	84.5	4.14	79.9	3.87	75.5	3.68	73.8	3.60	70.5	3.41	67.2	3.14
		31.8	84.5	4.14	79.9	3.87	75.5	3.68	73.8	3.60	70.5	3.33	67.2	3.14
		38.1	84.5	4.14	79.9	3.87	75.5	3.68	73.8	3.60	70.5	3.28	67.2	3.14
	68	10.2	84.5	3.62	79.9	3.43	75.5	3.35	73.8	3.26	70.5	3.08	67.2	2.89
		12.7	84.5	3.60	79.9	3.41	75.5	3.33	73.8	3.23	70.5	3.06	67.2	2.87
		25.4	84.5	3.50	79.9	3.33	75.5	3.23	73.8	3.14	70.5	2.96	67.2	2.79
		31.8	84.5	3.50	79.9	3.33	75.5	3.23	73.8	3.06	70.5	2.96	67.2	2.70
		38.1	84.5	3.50	79.9	3.33	75.5	3.23	73.8	3.02	70.5	2.96	67.2	2.65
	77	10.2	84.5	3.26	79.9	3.08	75.5	2.89	73.8	2.81	70.5	2.60	67.2	2.43
		12.7	84.5	3.23	79.9	3.06	75.5	2.87	73.8	2.79	70.5	2.60	67.2	2.43
		25.4	84.5	3.14	79.9	2.96	75.5	2.79	73.8	2.70	70.5	2.60	67.2	2.43
		31.8	84.5	3.06	79.9	2.87	75.5	2.79	73.8	2.70	70.5	2.52	67.2	2.43
		38.1	84.5	3.02	79.9	2.82	75.5	2.79	73.8	2.70	70.5	2.48	67.2	2.43
	86	10.2	84.5	2.89	79.9	2.72	75.5	2.54	73.8	2.43	70.5	2.35	67.2	2.16
		12.7	84.5	2.87	79.9	2.70	75.5	2.52	73.8	2.43	70.5	2.33	67.2	2.16
		25.4	84.5	2.79	79.9	2.60	75.5	2.43	73.8	2.43	70.5	2.25	67.2	2.16
		31.8	84.5	2.79	79.9	2.60	75.5	2.43	73.8	2.33	70.5	2.25	67.2	2.16
		38.1	84.5	2.79	79.9	2.60	75.5	2.43	73.8	2.29	70.5	2.25	67.2	2.16
	95	10.2	84.5	2.62	79.9	2.45	75.5	2.25	73.8	2.27	70.5	2.06	67.2	2.00
		12.7	84.5	2.60	79.9	2.43	75.5	2.25	73.8	2.25	70.5	2.06	67.2	1.98
		25.4	84.5	2.52	79.9	2.33	75.5	2.25	73.8	2.16	70.5	2.06	67.2	1.89
		31.8	84.5	2.52	79.9	2.33	75.5	2.16	73.8	2.16	70.5	2.06	67.2	1.89
		38.1	84.5	2.52	79.9	2.33	75.5	2.11	73.8	2.16	70.5	2.06	67.2	1.89
	104	10.2	84.5	2.45	79.9	2.27	75.5	2.08	73.8	1.98	70.5	1.89	67.2	1.81
		12.7	84.5	2.43	79.9	2.25	75.5	2.06	73.8	1.98	70.5	1.89	67.2	1.79
		25.4	84.5	2.33	79.9	2.16	75.5	1.98	73.8	1.98	70.5	1.89	67.2	1.71
		31.8	84.5	2.33	79.9	2.16	75.5	1.98	73.8	1.89	70.5	1.79	67.2	1.71
		38.1	84.5	2.33	79.9	2.16	75.5	1.98	73.8	1.84	70.5	1.75	67.2	1.71
	113	10.2	84.5	2.27	79.9	2.08	75.5	1.93	73.8	1.69	70.5	1.71	67.2	1.64
		12.7	84.5	2.25	79.9	2.06	75.5	1.89	73.8	1.71	70.5	1.71	67.2	1.62
		25.4	84.5	2.16	79.9	1.98	75.5	1.71	73.8	1.79	70.5	1.71	67.2	1.52
		31.8	84.5	2.16	79.9	1.98	75.5	1.79	73.8	1.62	70.5	1.52	67.2	1.52
		38.1	84.5	2.16	79.9	1.98	75.5	1.84	73.8	1.53	70.5	1.43	67.2	1.52

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN096DAS4, ARWB096DAS4

96,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
60	23	10.2	29.0	2.64	27.2	2.54	25.7	2.44	25.4	2.26	25.3	2.23	24.9	1.99
		12.7	30.0	2.70	28.1	2.59	26.6	2.49	26.3	2.31	26.2	2.28	25.7	2.04
		25.4	34.1	2.93	31.8	2.82	30.1	2.70	29.8	2.51	29.7	2.47	29.1	2.21
		31.8	37.6	3.15	35.2	3.04	33.4	2.92	33.0	2.71	32.9	2.67	32.1	2.38
		38.1	39.3	3.26	36.8	3.15	35.0	3.03	34.5	2.82	34.4	2.77	33.7	2.46
	32	10.2	51.9	3.86	47.8	3.73	44.6	3.57	43.7	3.32	43.1	3.27	41.6	2.92
		12.7	52.2	3.88	48.1	3.74	44.9	3.58	44.0	3.33	43.4	3.28	41.8	2.93
		25.4	53.4	3.92	49.2	3.77	46.0	3.62	45.0	3.36	44.4	3.32	42.7	2.96
		31.8	54.3	3.92	50.0	3.77	46.7	3.62	45.7	3.36	45.1	3.32	43.4	2.96
		38.1	54.7	3.92	50.4	3.77	47.1	3.62	46.1	3.36	45.5	3.32	43.8	2.96
	41	10.2	71.8	4.21	67.7	4.05	64.9	3.88	63.3	3.61	60.6	3.56	57.7	3.17
		12.7	71.9	4.23	67.8	4.07	64.9	3.90	63.3	3.63	60.6	3.58	57.7	3.19
		25.4	72.5	4.31	68.3	4.15	64.9	3.99	63.3	3.71	60.6	3.65	57.7	3.25
		31.8	72.5	4.35	68.2	4.18	64.9	4.01	63.3	3.74	60.6	3.67	57.7	3.28
		38.1	72.5	4.37	68.2	4.20	64.9	4.03	63.3	3.75	60.6	3.68	57.7	3.29
	50	10.2	72.2	3.87	67.9	3.70	64.9	3.52	63.3	3.29	60.6	3.23	57.7	2.89
		12.7	72.2	3.87	68.0	3.70	64.9	3.52	63.3	3.30	60.6	3.22	57.7	2.90
		25.4	72.5	3.87	68.3	3.70	64.9	3.52	63.3	3.34	60.6	3.22	57.7	2.93
		31.8	72.5	3.88	68.2	3.66	64.9	3.48	63.3	3.30	60.6	3.19	57.7	2.90
		38.1	72.5	3.88	68.2	3.64	64.9	3.47	63.3	3.28	60.6	3.17	57.7	2.89
	59	10.2	72.5	3.53	68.2	3.35	64.9	3.16	63.3	2.96	60.6	2.89	57.7	2.60
		12.7	72.5	3.50	68.2	3.33	64.9	3.14	63.3	2.96	60.6	2.87	57.7	2.60
		25.4	72.5	3.41	68.2	3.23	64.9	3.06	63.3	2.96	60.6	2.79	57.7	2.60
		31.8	72.5	3.41	68.2	3.14	64.9	2.96	63.3	2.87	60.6	2.70	57.7	2.52
		38.1	72.5	3.41	68.2	3.09	64.9	2.92	63.3	2.82	60.6	2.65	57.7	2.48
	68	10.2	72.5	3.08	68.2	2.89	64.9	2.72	63.3	2.62	60.6	2.54	57.7	2.35
		12.7	72.5	3.06	68.2	2.87	64.9	2.70	63.3	2.60	60.6	2.52	57.7	2.33
		25.4	72.5	2.96	68.2	2.79	64.9	2.60	63.3	2.52	60.6	2.43	57.7	2.25
		31.8	72.5	2.96	68.2	2.79	64.9	2.60	63.3	2.52	60.6	2.43	57.7	2.25
		38.1	72.5	2.96	68.2	2.79	64.9	2.60	63.3	2.52	60.6	2.43	57.7	2.25
	77	10.2	72.5	2.72	68.2	2.54	64.9	2.33	63.3	2.35	60.6	2.16	57.7	2.08
		12.7	72.5	2.70	68.2	2.52	64.9	2.33	63.3	2.33	60.6	2.16	57.7	2.06
		25.4	72.5	2.60	68.2	2.43	64.9	2.33	63.3	2.25	60.6	2.16	57.7	1.98
		31.8	72.5	2.60	68.2	2.43	64.9	2.25	63.3	2.25	60.6	2.16	57.7	1.98
		38.1	72.5	2.60	68.2	2.43	64.9	2.21	63.3	2.25	60.6	2.16	57.7	1.98
	86	10.2	72.5	2.45	68.2	2.27	64.9	2.18	63.3	2.08	60.6	2.00	57.7	1.91
		12.7	72.5	2.43	68.2	2.25	64.9	2.16	63.3	2.06	60.6	1.98	57.7	1.89
		25.4	72.5	2.33	68.2	2.16	64.9	2.06	63.3	1.98	60.6	1.89	57.7	1.79
		31.8	72.5	2.33	68.2	2.16	64.9	2.06	63.3	1.98	60.6	1.89	57.7	1.79
		38.1	72.5	2.33	68.2	2.16	64.9	2.06	63.3	1.98	60.6	1.89	57.7	1.79
	95	10.2	72.5	2.16	68.2	2.08	64.9	1.89	63.3	1.91	60.6	1.81	57.7	1.73
		12.7	72.5	2.16	68.2	2.06	64.9	1.89	63.3	1.89	60.6	1.79	57.7	1.71
		25.4	72.5	2.16	68.2	1.98	64.9	1.89	63.3	1.79	60.6	1.71	57.7	1.62
		31.8	72.5	2.16	68.2	1.98	64.9	1.79	63.3	1.79	60.6	1.71	57.7	1.62
		38.1	72.5	2.16	68.2	1.98	64.9	1.75	63.3	1.79	60.6	1.71	57.7	1.62
	104	10.2	72.5	1.98	68.2	1.91	64.9	1.71	63.3	1.73	60.6	1.64	57.7	1.52
		12.7	72.5	1.98	68.2	1.89	64.9	1.71	63.3	1.71	60.6	1.62	57.7	1.52
		25.4	72.5	1.98	68.2	1.79	64.9	1.71	63.3	1.62	60.6	1.52	57.7	1.52
		31.8	72.5	1.98	68.2	1.79	64.9	1.71	63.3	1.62	60.6	1.52	57.7	1.52
		38.1	72.5	1.98	68.2	1.79	64.9	1.71	63.3	1.62	60.6	1.52	57.7	1.52
	113	10.2	72.5	1.79	68.2	1.73	64.9	1.52	63.3	1.55	60.6	1.46	57.7	1.32
		12.7	72.5	1.79	68.2	1.71	64.9	1.52	63.3	1.52	60.6	1.44	57.7	1.35
		25.4	72.5	1.79	68.2	1.62	64.9	1.52	63.3	1.44	60.6	1.35	57.7	1.44
		31.8	72.5	1.79	68.2	1.62	64.9	1.62	63.3	1.44	60.6	1.35	57.7	1.44
		38.1	72.5	1.79	68.2	1.62	64.9	1.66	63.3	1.44	60.6	1.35	57.7	1.44

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN096DAS4, ARWB096DAS4

96,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
50	23	10.2	24.2	2.10	22.7	1.99	21.5	1.88	21.2	1.78	21.1	1.67	20.7	1.58
		12.7	25.0	2.15	23.5	2.04	22.2	1.92	21.9	1.82	21.8	1.71	21.4	1.62
		25.4	28.2	2.32	26.5	2.21	25.1	2.08	24.8	1.98	24.7	1.86	24.2	1.75
		31.8	31.2	2.51	29.3	2.38	27.7	2.25	27.4	2.14	27.2	2.00	26.8	1.89
		38.1	32.8	2.60	30.8	2.46	29.0	2.33	28.7	2.22	28.5	2.07	28.1	1.96
	32	10.2	43.1	3.08	40.0	2.92	37.1	2.75	36.3	2.61	35.8	2.46	34.6	2.32
		12.7	43.4	3.09	40.2	2.93	37.4	2.76	36.6	2.62	36.1	2.46	34.8	2.32
		25.4	44.4	3.11	41.1	2.96	38.3	2.80	37.5	2.66	37.0	2.49	35.6	2.35
		31.8	45.1	3.11	41.7	2.96	38.8	2.80	38.1	2.66	37.5	2.49	36.2	2.35
		38.1	45.5	3.11	42.0	2.96	39.0	2.80	38.4	2.66	37.7	2.49	36.5	2.35
	41	10.2	59.6	3.35	56.6	3.17	53.9	2.99	52.6	2.85	50.3	2.67	48.0	2.51
		12.7	59.8	3.36	56.7	3.19	53.9	3.01	52.6	2.86	50.3	2.69	48.0	2.53
		25.4	60.3	3.43	57.1	3.25	54.1	3.08	52.6	2.92	50.3	2.73	48.0	2.58
		31.8	60.3	3.46	57.0	3.28	54.1	3.09	52.6	2.94	50.3	2.76	48.0	2.60
		38.1	60.3	3.47	56.9	3.29	54.1	3.10	52.6	2.95	50.3	2.77	48.0	2.61
	50	10.2	60.0	3.08	56.7	2.90	53.9	2.73	52.6	2.61	50.3	2.41	48.0	2.30
		12.7	60.1	3.08	56.8	2.90	53.9	2.72	52.6	2.60	50.3	2.42	48.0	2.30
		25.4	60.3	3.06	57.1	2.89	54.1	2.70	52.6	2.58	50.3	2.44	48.0	2.28
		31.8	60.3	3.08	57.0	2.90	54.1	2.71	52.6	2.59	50.3	2.41	48.0	2.29
		38.1	60.3	3.09	56.9	2.90	54.1	2.72	52.6	2.60	50.3	2.39	48.0	2.29
	59	10.2	60.3	2.81	57.0	2.62	54.1	2.45	52.6	2.35	50.3	2.16	48.0	2.08
		12.7	60.3	2.79	57.0	2.60	54.1	2.43	52.6	2.33	50.3	2.16	48.0	2.06
		25.4	60.3	2.70	57.0	2.52	54.1	2.33	52.6	2.25	50.3	2.16	48.0	1.98
		31.8	60.3	2.70	57.0	2.52	54.1	2.33	52.6	2.25	50.3	2.06	48.0	1.98
		38.1	60.3	2.70	57.0	2.52	54.1	2.33	52.6	2.25	50.3	2.02	48.0	1.98
	68	10.2	60.3	2.45	57.0	2.27	54.1	2.18	52.6	2.08	50.3	2.00	48.0	1.79
		12.7	60.3	2.43	57.0	2.25	54.1	2.16	52.6	2.06	50.3	1.98	48.0	1.79
		25.4	60.3	2.33	57.0	2.16	54.1	2.06	52.6	1.98	50.3	1.89	48.0	1.79
		31.8	60.3	2.33	57.0	2.16	54.1	2.06	52.6	1.98	50.3	1.89	48.0	1.79
		38.1	60.3	2.33	57.0	2.16	54.1	2.06	52.6	1.98	50.3	1.89	48.0	1.79
	77	10.2	60.3	2.18	57.0	1.98	54.1	1.91	52.6	1.79	50.3	1.71	48.0	1.62
		12.7	60.3	2.16	57.0	1.98	54.1	1.89	52.6	1.79	50.3	1.71	48.0	1.62
		25.4	60.3	2.06	57.0	1.98	54.1	1.79	52.6	1.79	50.3	1.71	48.0	1.62
		31.8	60.3	2.06	57.0	1.98	54.1	1.79	52.6	1.79	50.3	1.71	48.0	1.62
		38.1	60.3	2.06	57.0	1.98	54.1	1.79	52.6	1.79	50.3	1.71	48.0	1.62
	86	10.2	60.3	2.00	57.0	1.81	54.1	1.73	52.6	1.62	50.3	1.64	48.0	1.55
		12.7	60.3	1.98	57.0	1.79	54.1	1.71	52.6	1.62	50.3	1.62	48.0	1.52
		25.4	60.3	1.89	57.0	1.71	54.1	1.62	52.6	1.62	50.3	1.52	48.0	1.44
		31.8	60.3	1.89	57.0	1.71	54.1	1.62	52.6	1.62	50.3	1.52	48.0	1.44
		38.1	60.3	1.89	57.0	1.71	54.1	1.62	52.6	1.62	50.3	1.52	48.0	1.44
	95	10.2	60.3	1.81	57.0	1.62	54.1	1.52	52.6	1.55	50.3	1.44	48.0	1.35
		12.7	60.3	1.79	57.0	1.62	54.1	1.52	52.6	1.52	50.3	1.44	48.0	1.35
		25.4	60.3	1.71	57.0	1.62	54.1	1.52	52.6	1.44	50.3	1.44	48.0	1.35
		31.8	60.3	1.71	57.0	1.62	54.1	1.52	52.6	1.44	50.3	1.44	48.0	1.35
		38.1	60.3	1.71	57.0	1.62	54.1	1.52	52.6	1.44	50.3	1.44	48.0	1.35
	104	10.2	60.3	1.64	57.0	1.55	54.1	1.46	52.6	1.35	50.3	1.37	48.0	1.25
		12.7	60.3	1.62	57.0	1.52	54.1	1.44	52.6	1.35	50.3	1.35	48.0	1.25
		25.4	60.3	1.52	57.0	1.44	54.1	1.35	52.6	1.35	50.3	1.25	48.0	1.25
		31.8	60.3	1.52	57.0	1.44	54.1	1.35	52.6	1.35	50.3	1.25	48.0	1.25
		38.1	60.3	1.52	57.0	1.44	54.1	1.35	52.6	1.35	50.3	1.25	48.0	1.25
	113	10.2	60.3	1.46	57.0	1.49	54.1	1.39	52.6	1.15	50.3	1.30	48.0	1.17
		12.7	60.3	1.44	57.0	1.44	54.1	1.35	52.6	1.17	50.3	1.25	48.0	1.17
		25.4	60.3	1.35	57.0	1.25	54.1	1.17	52.6	1.25	50.3	1.08	48.0	1.17
		31.8	60.3	1.35	57.0	1.25	54.1	1.17	52.6	1.25	50.3	1.08	48.0	1.17
		38.1	60.3	1.35	57.0	1.25	54.1	1.17	52.6	1.25	50.3	1.08	48.0	1.17

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN121DAS4, ARWB121DAS4

121,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
130	23	12.2	63.9	7.19	63.4	6.77	63.0	6.31	62.2	6.12	62.9	5.96	61.2	5.34
		15.2	66.1	7.32	65.6	6.91	65.2	6.44	64.3	6.25	65.1	6.09	63.3	5.46
		30.4	74.7	7.82	74.1	7.43	73.7	6.99	72.7	6.79	73.6	6.60	71.7	5.92
		38.0	82.6	8.32	81.9	7.94	81.4	7.53	80.4	7.33	81.4	7.12	79.2	6.38
		45.6	86.6	8.57	85.8	8.19	85.2	7.81	84.2	7.61	85.3	7.38	83.0	6.62
	32	12.2	114.1	9.84	111.5	9.55	109.1	9.24	106.7	8.98	107.1	8.73	102.2	7.82
		15.2	114.8	9.87	112.1	9.57	109.8	9.26	107.4	9.00	107.7	8.75	102.9	7.84
		30.4	117.5	9.97	114.7	9.67	112.3	9.37	109.9	9.11	110.3	8.85	105.4	7.94
		38.0	119.3	9.97	116.4	9.67	114.0	9.37	111.5	9.11	111.9	8.85	106.9	7.94
		45.6	120.2	9.97	117.3	9.67	114.9	9.37	112.3	9.11	112.7	8.85	107.6	7.94
	41	12.2	164.3	10.58	161.8	10.32	158.5	10.05	154.5	9.77	150.3	9.50	142.0	8.51
		15.2	164.9	10.62	162.1	10.36	158.5	10.10	154.5	9.82	150.3	9.55	142.0	8.55
		30.4	167.1	10.81	163.3	10.55	158.6	10.31	154.5	10.02	150.3	9.74	142.0	8.73
		38.0	168.2	10.89	163.8	10.62	158.6	10.38	154.5	10.09	150.3	9.81	142.0	8.79
		45.6	168.7	10.92	164.0	10.66	158.6	10.41	154.5	10.13	150.3	9.84	142.0	8.82
	50	12.2	164.5	9.62	161.9	9.30	158.0	9.13	153.8	8.92	149.7	8.62	141.5	7.78
		15.2	165.5	9.61	162.6	9.31	158.6	9.14	154.5	8.92	150.3	8.61	142.0	7.77
		30.4	169.4	9.54	165.6	9.35	161.1	9.22	157.0	8.91	152.6	8.59	144.3	7.75
		38.0	170.3	9.67	166.8	9.48	162.1	9.25	157.7	8.94	153.6	8.73	145.2	8.11
		45.6	170.7	9.73	167.3	9.54	162.6	9.27	158.1	8.96	154.1	8.80	145.6	8.30
	59	12.2	164.8	8.67	161.9	8.30	157.3	8.21	153.2	8.08	149.2	7.74	140.9	7.05
		15.2	166.1	8.59	163.1	8.27	158.6	8.20	154.5	8.02	150.3	7.68	142.0	6.99
		30.4	171.5	8.24	168.0	8.13	163.6	8.13	159.5	7.78	154.8	7.44	146.6	6.75
		38.0	172.4	8.45	169.7	8.32	165.6	8.13	161.1	7.78	157.0	7.65	148.3	7.44
		45.6	172.9	8.55	170.5	8.41	166.7	8.13	161.9	7.78	158.1	7.76	149.2	7.78
	68	12.2	171.1	7.96	167.9	7.59	163.5	7.42	159.0	7.18	154.4	7.02	145.2	6.81
		15.2	172.4	7.90	169.3	7.58	164.8	7.41	160.2	7.21	155.7	7.07	146.6	6.75
		30.4	177.8	7.68	174.7	7.56	169.8	7.39	165.3	7.33	161.1	7.26	152.0	6.53
		38.0	178.6	7.68	175.9	7.56	171.8	7.44	166.9	7.33	162.4	7.26	153.2	6.94
		45.6	179.0	7.68	176.6	7.56	172.8	7.46	167.7	7.33	163.0	7.26	153.8	7.15
	77	12.2	180.6	7.59	175.9	7.37	171.8	7.24	168.5	7.12	164.8	7.02	155.3	6.56
		15.2	180.6	7.56	175.9	7.36	171.8	7.21	168.5	7.10	164.8	6.99	155.3	6.53
		30.4	180.6	7.44	175.9	7.31	171.8	7.10	168.5	6.99	164.8	6.87	155.3	6.41
		38.0	180.6	7.33	175.9	7.12	171.8	6.99	168.5	6.87	164.8	6.75	155.3	6.30
		45.6	180.6	7.28	175.9	7.02	171.8	6.93	168.5	6.81	164.8	6.69	155.3	6.25
	86	12.2	180.6	7.39	175.9	7.02	171.8	6.96	168.5	6.78	164.8	6.70	155.3	6.24
		15.2	180.6	7.33	175.9	7.01	171.8	6.92	168.5	6.75	164.8	6.64	155.3	6.18
		30.4	180.6	7.10	175.9	6.96	171.8	6.75	168.5	6.64	164.8	6.41	155.3	5.96
		38.0	180.6	6.99	175.9	6.78	171.8	6.64	168.5	6.53	164.8	6.41	155.3	5.96
		45.6	180.6	6.93	175.9	6.68	171.8	6.59	168.5	6.47	164.8	6.41	155.3	5.96
	95	12.2	180.6	7.05	175.9	6.81	171.8	6.67	168.5	6.43	164.8	6.21	155.3	5.78
		15.2	180.6	6.99	175.9	6.78	171.8	6.64	168.5	6.41	164.8	6.18	155.3	5.72
		30.4	180.6	6.75	175.9	6.62	171.8	6.53	168.5	6.30	164.8	6.06	155.3	5.50
		38.0	180.6	6.75	175.9	6.55	171.8	6.41	168.5	6.18	164.8	5.96	155.3	5.50
		45.6	180.6	6.75	175.9	6.51	171.8	6.35	168.5	6.12	164.8	5.90	155.3	5.50
	104	12.2	180.6	6.81	175.9	6.59	171.8	6.46	168.5	6.24	164.8	6.02	155.3	5.43
		15.2	180.6	6.75	175.9	6.55	171.8	6.41	168.5	6.18	164.8	5.96	155.3	5.38
		30.4	180.6	6.53	175.9	6.38	171.8	6.18	168.5	5.96	164.8	5.72	155.3	5.15
		38.0	180.6	6.41	175.9	6.28	171.8	6.18	168.5	5.96	164.8	5.72	155.3	5.15
		45.6	180.6	6.35	175.9	6.22	171.8	6.18	168.5	5.96	164.8	5.72	155.3	5.15
	113	12.2	180.6	6.58	175.9	6.37	171.8	6.27	168.5	6.04	164.8	5.81	155.3	5.09
		15.2	180.6	6.53	175.9	6.33	171.8	6.18	168.5	5.96	164.8	5.72	155.3	5.03
		30.4	180.6	6.30	175.9	6.16	171.8	5.84	168.5	5.61	164.8	5.38	155.3	4.81
		38.0	180.6	6.06	175.9	6.01	171.8	5.96	168.5	5.72	164.8	5.50	155.3	4.81
		45.6	180.6	5.95	175.9	5.93	171.8	6.02	168.5	5.77	164.8	5.56	155.3	4.81

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN121DAS4, ARWB121DAS4

121,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
120	23	12.2	60.7	7.19	60.2	6.77	59.8	6.31	59.1	6.04	59.6	5.86	58.0	5.25
		15.2	62.8	7.32	62.3	6.91	61.9	6.44	61.2	6.17	61.7	5.99	60.0	5.37
		30.4	71.1	7.82	70.5	7.43	70.1	6.99	69.2	6.69	69.8	6.50	67.9	5.83
		38.0	78.5	8.32	77.9	7.94	77.4	7.53	76.5	7.23	77.1	7.01	75.0	6.28
		45.6	82.2	8.57	81.6	8.19	81.0	7.81	80.1	7.49	80.8	7.27	78.5	6.50
	32	12.2	108.5	9.84	105.9	9.55	103.6	9.24	101.5	8.84	101.5	8.60	96.8	7.69
		15.2	109.1	9.87	106.5	9.57	104.2	9.26	102.1	8.87	102.1	8.62	97.5	7.71
		30.4	111.6	9.97	109.0	9.67	106.7	9.37	104.5	8.98	104.5	8.72	99.8	7.81
		38.0	113.4	9.97	110.8	9.67	108.4	9.37	106.1	8.98	106.0	8.72	101.3	7.81
		45.6	114.3	9.97	111.6	9.67	109.2	9.37	106.9	8.98	106.8	8.72	102.1	7.81
	41	12.2	156.4	10.58	154.1	10.32	150.7	10.05	147.1	9.63	142.4	9.36	134.6	8.38
		15.2	157.0	10.62	154.3	10.36	150.7	10.10	147.1	9.68	142.4	9.40	134.6	8.42
		30.4	159.2	10.81	155.5	10.55	150.7	10.31	147.1	9.88	142.4	9.59	134.6	8.59
		38.0	160.1	10.89	154.6	10.62	150.7	10.38	147.1	9.95	142.4	9.67	134.6	8.65
		45.6	160.6	10.92	154.1	10.66	150.7	10.41	147.1	9.99	142.4	9.70	134.6	8.68
	50	12.2	157.0	9.50	154.1	9.24	150.3	9.05	146.6	8.78	142.0	8.49	134.3	7.63
		15.2	157.7	9.54	154.7	9.27	150.7	9.08	147.1	8.79	142.4	8.48	134.6	7.64
		30.4	160.6	9.67	157.2	9.42	152.3	9.22	148.7	8.84	143.9	8.46	136.0	7.68
		38.0	161.5	9.63	156.7	9.42	153.0	9.25	149.3	8.87	144.5	8.49	136.6	7.94
		45.6	161.9	9.61	156.5	9.42	153.3	9.27	149.6	8.89	144.9	8.51	136.9	8.07
	59	12.2	157.4	8.43	154.3	8.18	149.8	8.05	146.2	7.93	141.7	7.61	133.9	6.90
		15.2	158.4	8.45	155.2	8.20	150.7	8.07	147.1	7.90	142.4	7.56	134.6	6.87
		30.4	162.0	8.52	159.0	8.27	154.1	8.13	150.3	7.78	145.3	7.33	137.5	6.75
		38.0	162.9	8.39	158.9	8.20	155.3	8.13	151.6	7.78	146.6	7.33	138.8	7.21
		45.6	163.3	8.32	158.8	8.16	156.0	8.13	152.2	7.78	147.2	7.33	139.4	7.45
	68	12.2	161.8	7.58	158.8	7.26	154.0	7.07	149.7	6.96	144.9	6.88	137.1	6.53
		15.2	162.9	7.58	159.7	7.28	154.8	7.10	150.7	6.99	145.8	6.87	137.9	6.50
		30.4	167.0	7.58	163.5	7.39	158.2	7.21	154.5	7.10	149.4	6.85	141.2	6.41
		38.0	167.8	7.51	163.4	7.33	159.5	7.21	155.3	7.10	150.3	6.87	142.0	6.64
		45.6	168.2	7.47	163.3	7.30	160.1	7.21	155.8	7.10	150.8	6.88	142.5	6.76
	77	12.2	169.7	7.17	164.8	6.83	159.5	6.70	156.1	6.56	152.0	6.43	143.7	5.99
		15.2	169.8	7.14	164.8	6.82	159.5	6.69	156.1	6.53	152.0	6.41	143.7	5.96
		30.4	170.2	7.04	164.8	6.78	159.5	6.64	156.1	6.41	152.0	6.30	143.7	5.84
		38.0	170.7	6.78	164.8	6.60	159.5	6.53	156.1	6.41	152.0	6.18	143.7	5.84
		45.6	170.9	6.64	164.8	6.51	159.5	6.47	156.1	6.41	152.0	6.12	143.7	5.84
	86	12.2	170.7	6.86	164.8	6.52	159.5	6.33	156.1	6.09	152.0	6.02	143.7	5.53
		15.2	170.7	6.80	164.8	6.48	159.5	6.30	156.1	6.06	152.0	5.96	143.7	5.50
		30.4	170.7	6.57	164.8	6.33	159.5	6.18	156.1	5.96	152.0	5.72	143.7	5.38
		38.0	170.7	6.36	164.8	6.18	159.5	6.06	156.1	5.96	152.0	5.72	143.7	5.27
		45.6	170.7	6.25	164.8	6.11	159.5	6.00	156.1	5.96	152.0	5.72	143.7	5.22
	95	12.2	170.7	6.55	164.8	6.19	159.5	6.02	156.1	5.78	152.0	5.55	143.7	5.06
		15.2	170.7	6.46	164.8	6.14	159.5	5.96	156.1	5.72	152.0	5.50	143.7	5.03
		30.4	170.7	6.09	164.8	5.91	159.5	5.72	156.1	5.50	152.0	5.27	143.7	4.93
		38.0	170.7	6.02	164.8	5.86	159.5	5.72	156.1	5.50	152.0	5.27	143.7	4.81
		45.6	170.7	5.98	164.8	5.84	159.5	5.72	156.1	5.50	152.0	5.27	143.7	4.75
	104	12.2	170.7	6.35	164.8	5.91	159.5	5.67	156.1	5.43	152.0	5.21	143.7	4.72
		15.2	170.7	6.23	164.8	5.84	159.5	5.61	156.1	5.38	152.0	5.15	143.7	4.69
		30.4	170.7	5.74	164.8	5.57	159.5	5.38	156.1	5.15	152.0	4.93	143.7	4.58
		38.0	170.7	5.67	164.8	5.50	159.5	5.38	156.1	5.15	152.0	4.93	143.7	4.47
		45.6	170.7	5.64	164.8	5.46	159.5	5.38	156.1	5.15	152.0	4.93	143.7	4.41
	113	12.2	170.7	6.16	164.8	5.62	159.5	5.33	156.1	5.09	152.0	4.87	143.7	4.37
		15.2	170.7	6.01	164.8	5.54	159.5	5.27	156.1	5.03	152.0	4.81	143.7	4.35
		30.4	170.7	5.40	164.8	5.22	159.5	5.03	156.1	4.81	152.0	4.58	143.7	4.24
		38.0	170.7	5.33	164.8	5.13	159.5	5.03	156.1	4.81	152.0	4.58	143.7	4.12
		45.6	170.7	5.29	164.8	5.08	159.5	5.03	156.1	4.81	152.0	4.58	143.7	4.06

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN121DAS4, ARWB121DAS4

121,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
110	23	12.2	57.4	7.29	57.1	6.77	56.7	6.31	56.1	6.04	56.2	5.86	55.0	5.25
		15.2	59.4	7.41	59.0	6.91	58.6	6.44	58.0	6.17	58.1	5.99	56.9	5.37
		30.4	67.2	7.91	66.8	7.43	66.4	6.99	65.7	6.69	65.7	6.50	64.4	5.83
		38.0	74.2	8.42	73.7	7.94	73.3	7.53	72.6	7.23	72.6	7.01	71.1	6.28
		45.6	77.8	8.68	77.2	8.19	76.8	7.81	76.1	7.49	76.1	7.27	74.4	6.50
	32	12.2	102.6	9.97	100.4	9.55	98.3	9.24	96.4	8.84	95.5	8.60	91.9	7.69
		15.2	103.2	10.00	101.0	9.57	98.8	9.26	96.9	8.87	96.1	8.62	92.4	7.71
		30.4	105.6	10.09	103.4	9.67	101.1	9.37	99.2	8.98	98.3	8.72	94.6	7.81
		38.0	107.2	10.09	105.0	9.67	102.7	9.37	100.7	8.98	99.8	8.72	95.9	7.81
		45.6	108.1	10.09	105.8	9.67	103.5	9.37	101.5	8.98	100.6	8.72	96.6	7.81
	41	12.2	149.7	10.72	146.1	10.32	142.8	10.05	139.5	9.63	134.1	9.36	127.6	8.38
		15.2	150.2	10.77	146.4	10.36	142.8	10.10	139.5	9.68	134.1	9.40	127.6	8.42
		30.4	152.2	10.96	147.6	10.55	142.9	10.31	139.5	9.88	134.1	9.59	127.6	8.59
		38.0	153.1	11.03	147.9	10.62	142.9	10.38	139.5	9.95	134.1	9.67	127.6	8.65
		45.6	153.5	11.06	148.1	10.66	142.9	10.41	139.5	9.99	134.1	9.70	127.6	8.68
	50	12.2	150.3	9.61	146.5	9.28	142.6	9.08	139.3	8.78	133.9	8.49	127.4	7.63
		15.2	150.8	9.63	146.9	9.31	142.8	9.11	139.5	8.79	134.1	8.48	127.6	7.64
		30.4	153.1	9.70	148.4	9.42	143.7	9.22	140.4	8.84	135.0	8.46	128.2	7.68
		38.0	154.0	9.70	149.1	9.42	144.2	9.19	140.7	8.81	135.3	8.49	128.6	7.76
		45.6	154.4	9.70	149.4	9.42	144.4	9.18	140.8	8.80	135.4	8.51	128.8	7.80
	59	12.2	150.7	8.50	146.8	8.27	142.5	8.13	139.1	7.93	133.7	7.61	127.3	6.90
		15.2	151.3	8.49	147.3	8.27	142.9	8.13	139.5	7.90	134.1	7.56	127.6	6.87
		30.4	153.8	8.45	149.4	8.27	144.5	8.13	141.2	7.78	135.9	7.33	128.8	6.75
		38.0	154.7	8.39	150.2	8.20	145.3	8.02	141.7	7.68	136.3	7.33	129.6	6.87
		45.6	155.2	8.36	150.6	8.16	145.7	7.97	141.9	7.62	136.4	7.33	130.0	6.93
	68	12.2	153.5	7.34	149.3	7.17	144.5	6.99	140.6	6.87	135.5	6.67	128.3	6.24
		15.2	154.3	7.36	149.8	7.17	144.9	6.99	141.2	6.87	135.9	6.64	128.8	6.23
		30.4	157.6	7.41	151.8	7.17	146.6	6.99	143.3	6.87	137.5	6.53	130.9	6.18
		38.0	158.5	7.41	153.1	7.17	147.4	6.99	143.7	6.75	138.3	6.53	131.2	6.18
		45.6	158.9	7.41	153.7	7.17	147.9	6.99	143.9	6.69	138.6	6.53	131.4	6.18
	77	12.2	158.3	6.68	153.6	6.43	147.4	6.33	144.2	6.09	139.1	5.87	131.7	5.38
		15.2	158.6	6.67	153.6	6.41	147.4	6.30	144.2	6.06	139.1	5.84	131.7	5.38
		30.4	159.9	6.62	153.6	6.30	147.4	6.18	144.2	5.96	139.1	5.72	131.7	5.38
		38.0	160.6	6.62	153.6	6.33	147.4	6.06	144.2	5.96	139.1	5.61	131.7	5.27
		45.6	161.0	6.62	153.6	6.34	147.4	6.00	144.2	5.96	139.1	5.56	131.7	5.22
	86	12.2	160.6	6.09	153.6	5.87	147.4	5.64	144.2	5.53	139.1	5.18	131.7	4.84
		15.2	160.6	6.06	153.6	5.84	147.4	5.61	144.2	5.50	139.1	5.15	131.7	4.81
		30.4	160.6	5.96	153.6	5.72	147.4	5.50	144.2	5.38	139.1	5.03	131.7	4.69
		38.0	160.6	5.91	153.6	5.61	147.4	5.38	144.2	5.27	139.1	5.03	131.7	4.69
		45.6	160.6	5.89	153.6	5.56	147.4	5.32	144.2	5.22	139.1	5.03	131.7	4.69
	95	12.2	160.6	5.78	153.6	5.40	147.4	5.18	144.2	4.96	139.1	4.72	131.7	4.37
		15.2	160.6	5.72	153.6	5.38	147.4	5.15	144.2	4.93	139.1	4.69	131.7	4.35
		30.4	160.6	5.50	153.6	5.27	147.4	5.03	144.2	4.81	139.1	4.58	131.7	4.24
		38.0	160.6	5.35	153.6	5.15	147.4	4.93	144.2	4.81	139.1	4.58	131.7	4.24
		45.6	160.6	5.28	153.6	5.09	147.4	4.87	144.2	4.81	139.1	4.58	131.7	4.24
	104	12.2	160.6	5.43	153.6	5.21	147.4	4.87	144.2	4.61	139.1	4.37	131.7	4.03
		15.2	160.6	5.38	153.6	5.15	147.4	4.81	144.2	4.58	139.1	4.35	131.7	4.00
		30.4	160.6	5.15	153.6	4.93	147.4	4.58	144.2	4.47	139.1	4.24	131.7	3.90
		38.0	160.6	5.08	153.6	4.81	147.4	4.58	144.2	4.35	139.1	4.12	131.7	3.78
		45.6	160.6	5.05	153.6	4.75	147.4	4.58	144.2	4.29	139.1	4.06	131.7	3.72
	113	12.2	160.6	5.09	153.6	5.01	147.4	4.55	144.2	4.27	139.1	4.03	131.7	3.69
		15.2	160.6	5.03	153.6	4.93	147.4	4.47	144.2	4.24	139.1	4.00	131.7	3.66
		30.4	160.6	4.81	153.6	4.58	147.4	4.12	144.2	4.12	139.1	3.90	131.7	3.55
		38.0	160.6	4.81	153.6	4.47	147.4	4.24	144.2	3.90	139.1	3.66	131.7	3.32
		45.6	160.6	4.81	153.6	4.41	147.4	4.30	144.2	3.78	139.1	3.54	131.7	3.20

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN121DAS4, ARWB121DAS4

121,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
100	23	12.2	54.3	7.29	53.9	6.87	53.7	6.31	53.2	6.04	52.7	5.77	51.7	5.25
		15.2	56.1	7.41	55.8	7.00	55.5	6.44	55.0	6.17	54.5	5.90	53.5	5.37
		30.4	63.5	7.91	63.2	7.52	62.8	6.99	62.2	6.69	61.7	6.41	60.7	5.83
		38.0	70.2	8.42	69.7	8.04	69.3	7.53	68.7	7.23	68.2	6.91	66.9	6.28
		45.6	73.6	8.68	73.0	8.31	72.6	7.81	72.0	7.49	71.5	7.16	70.1	6.50
	32	12.2	97.0	9.97	94.9	9.68	92.9	9.24	91.3	8.84	89.6	8.47	86.5	7.69
		15.2	97.6	10.00	95.4	9.70	93.4	9.26	91.8	8.87	90.2	8.49	87.0	7.71
		30.4	99.8	10.09	97.7	9.80	95.6	9.37	93.9	8.98	92.3	8.59	89.0	7.81
		38.0	101.3	10.09	99.2	9.80	97.1	9.37	95.3	8.98	93.7	8.59	90.4	7.81
		45.6	102.1	10.09	100.0	9.80	97.8	9.37	96.0	8.98	94.4	8.59	91.1	7.81
	41	12.2	143.2	10.72	138.4	10.46	134.8	10.05	132.1	9.63	125.8	9.21	120.1	8.38
		15.2	143.7	10.77	138.6	10.51	134.9	10.10	132.1	9.68	125.8	9.26	120.1	8.42
		30.4	145.7	10.96	139.6	10.70	135.0	10.31	132.1	9.88	125.8	9.45	120.1	8.59
		38.0	146.6	11.03	140.0	10.77	135.0	10.38	132.1	9.95	125.8	9.51	120.1	8.65
		45.6	147.0	11.06	140.2	10.80	135.0	10.41	132.1	9.99	125.8	9.54	120.1	8.68
	50	12.2	143.9	9.58	138.8	9.37	135.0	9.08	132.1	8.78	125.8	8.34	120.1	7.63
		15.2	144.3	9.63	139.0	9.40	135.0	9.11	132.1	8.79	125.8	8.35	120.1	7.64
		30.4	145.7	9.81	139.8	9.52	135.0	9.22	132.1	8.84	125.8	8.39	120.1	7.68
		38.0	146.7	9.77	140.4	9.52	135.0	9.19	132.1	8.81	125.8	8.36	120.1	7.64
		45.6	147.2	9.75	140.7	9.52	135.0	9.18	132.1	8.80	125.8	8.35	120.1	7.62
	59	12.2	144.7	8.45	139.4	8.31	135.0	8.13	132.1	7.93	125.8	7.47	120.1	6.90
		15.2	144.9	8.49	139.5	8.32	135.0	8.13	132.1	7.90	125.8	7.44	120.1	6.87
		30.4	145.7	8.66	139.9	8.34	135.0	8.13	132.1	7.78	125.8	7.33	120.1	6.75
		38.0	146.9	8.52	140.7	8.27	135.0	8.02	132.1	7.68	125.8	7.21	120.1	6.64
		45.6	147.6	8.44	141.0	8.23	135.0	7.97	132.1	7.62	125.8	7.15	120.1	6.59
	68	12.2	145.5	7.23	140.2	7.04	135.0	6.87	132.1	6.78	125.8	6.33	120.1	6.02
		15.2	146.1	7.26	140.3	7.05	135.0	6.87	132.1	6.75	125.8	6.30	120.1	5.96
		30.4	148.2	7.39	140.7	7.07	135.0	6.87	132.1	6.64	125.8	6.18	120.1	5.72
		38.0	149.1	7.26	141.9	7.01	135.0	6.75	132.1	6.53	125.8	6.06	120.1	5.61
		45.6	149.5	7.20	142.5	6.98	135.0	6.69	132.1	6.47	125.8	6.00	120.1	5.56
	77	12.2	147.3	6.32	142.4	6.12	135.0	5.87	132.1	5.64	125.8	5.30	120.1	4.81
		15.2	147.8	6.33	142.4	6.09	135.0	5.84	132.1	5.61	125.8	5.27	120.1	4.81
		30.4	149.9	6.35	142.4	5.96	135.0	5.72	132.1	5.50	125.8	5.15	120.1	4.81
		38.0	150.7	6.21	142.4	5.91	135.0	5.61	132.1	5.38	125.8	5.15	120.1	4.69
		45.6	151.1	6.14	142.4	5.89	135.0	5.56	132.1	5.32	125.8	5.15	120.1	4.63
	86	12.2	150.7	5.75	142.4	5.30	135.0	4.94	132.1	4.84	125.8	4.47	120.1	4.27
		15.2	150.7	5.72	142.4	5.27	135.0	4.93	132.1	4.81	125.8	4.47	120.1	4.24
		30.4	150.7	5.61	142.4	5.15	135.0	4.88	132.1	4.69	125.8	4.47	120.1	4.12
		38.0	150.7	5.50	142.4	5.15	135.0	4.81	132.1	4.69	125.8	4.35	120.1	4.12
		45.6	150.7	5.44	142.4	5.15	135.0	4.77	132.1	4.69	125.8	4.29	120.1	4.12
	95	12.2	150.7	5.33	142.4	4.87	135.0	4.36	132.1	4.27	125.8	4.03	120.1	3.69
		15.2	150.7	5.27	142.4	4.81	135.0	4.35	132.1	4.24	125.8	4.00	120.1	3.66
		30.4	150.7	5.03	142.4	4.58	135.0	4.30	132.1	4.12	125.8	3.90	120.1	3.55
		38.0	150.7	5.03	142.4	4.58	135.0	4.24	132.1	4.12	125.8	3.90	120.1	3.55
		45.6	150.7	5.03	142.4	4.58	135.0	4.21	132.1	4.12	125.8	3.90	120.1	3.55
	104	12.2	150.7	4.99	142.4	4.52	135.0	3.91	132.1	3.81	125.8	3.58	120.1	3.34
		15.2	150.7	4.93	142.4	4.47	135.0	3.90	132.1	3.78	125.8	3.55	120.1	3.32
		30.4	150.7	4.69	142.4	4.24	135.0	3.85	132.1	3.66	125.8	3.44	120.1	3.21
		38.0	150.7	4.58	142.4	4.24	135.0	3.78	132.1	3.66	125.8	3.44	120.1	3.21
		45.6	150.7	4.53	142.4	4.24	135.0	3.74	132.1	3.66	125.8	3.44	120.1	3.21
	113	12.2	150.7	4.64	142.4	4.18	135.0	3.45	132.1	3.34	125.8	3.12	120.1	3.00
		15.2	150.7	4.58	142.4	4.12	135.0	3.44	132.1	3.32	125.8	3.09	120.1	2.97
		30.4	150.7	4.35	142.4	3.90	135.0	3.39	132.1	3.21	125.8	2.97	120.1	2.87
		38.0	150.7	4.12	142.4	3.90	135.0	3.32	132.1	3.21	125.8	2.97	120.1	2.87
		45.6	150.7	4.01	142.4	3.90	135.0	3.28	132.1	3.21	125.8	2.97	120.1	2.87

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN121DAS4, ARWB121DAS4

121,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
90	23	12.2	51.2	6.77	49.6	6.16	48.2	5.41	47.8	5.16	47.5	4.97	46.6	4.46
		15.2	53.0	6.88	51.4	6.28	49.9	5.53	49.5	5.27	49.1	5.08	48.2	4.56
		30.4	60.0	7.34	58.1	6.74	56.4	6.01	56.0	5.72	55.6	5.52	54.5	4.95
		38.0	66.3	7.81	64.2	7.21	62.3	6.48	61.8	6.17	61.4	5.95	60.3	5.34
		45.6	69.5	8.04	67.2	7.45	65.3	6.72	64.7	6.40	64.3	6.16	63.2	5.54
	32	12.2	91.6	9.22	87.4	8.65	83.4	7.94	82.2	7.57	80.8	7.29	77.8	6.54
		15.2	92.2	9.24	87.9	8.67	83.9	7.96	82.6	7.59	81.3	7.31	78.2	6.56
		30.4	94.3	9.33	89.9	8.77	85.9	8.04	84.5	7.68	83.1	7.39	80.1	6.63
		38.0	95.7	9.33	91.3	8.77	87.3	8.04	85.8	7.68	84.5	7.39	81.4	6.63
		45.6	96.4	9.33	92.0	8.77	88.0	8.04	86.4	7.68	85.2	7.39	82.0	6.63
	41	12.2	129.5	9.89	125.3	9.34	121.3	8.64	118.8	8.24	113.5	7.93	108.1	7.12
		15.2	129.6	9.94	125.2	9.38	121.3	8.68	118.8	8.28	113.5	7.97	108.1	7.15
		30.4	130.1	10.12	124.8	9.56	121.3	8.85	118.8	8.45	113.5	8.14	108.1	7.30
		38.0	130.9	10.17	125.2	9.62	121.3	8.92	118.8	8.50	113.5	8.20	108.1	7.36
		45.6	131.2	10.20	125.4	9.65	121.3	8.95	118.8	8.53	113.5	8.23	108.1	7.39
	50	12.2	130.2	8.74	125.7	8.31	121.3	7.82	118.8	7.50	113.5	7.20	108.1	6.48
		15.2	130.1	8.74	125.6	8.32	121.3	7.83	118.8	7.51	113.5	7.19	108.1	6.49
		30.4	129.9	8.77	125.0	8.35	121.3	7.86	118.8	7.55	113.5	7.17	108.1	6.51
		38.0	130.7	8.74	125.3	8.33	121.3	7.84	118.8	7.52	113.5	7.19	108.1	6.54
		45.6	131.2	8.73	125.5	8.31	121.3	7.83	118.8	7.51	113.5	7.20	108.1	6.55
	59	12.2	130.8	7.56	126.2	7.29	121.3	7.02	118.8	6.78	113.5	6.46	108.1	5.87
		15.2	130.6	7.53	126.0	7.26	121.3	6.99	118.8	6.75	113.5	6.41	108.1	5.84
		30.4	129.7	7.41	125.1	7.14	121.3	6.87	118.8	6.64	113.5	6.18	108.1	5.72
		38.0	130.6	7.31	125.5	7.04	121.3	6.75	118.8	6.53	113.5	6.18	108.1	5.72
		45.6	131.0	7.25	125.6	6.98	121.3	6.69	118.8	6.47	113.5	6.18	108.1	5.72
	68	12.2	131.6	6.38	126.7	6.20	121.3	5.99	118.8	5.75	113.5	5.55	108.1	5.21
		15.2	131.5	6.38	126.5	6.18	121.3	5.96	118.8	5.72	113.5	5.50	108.1	5.15
		30.4	131.0	6.38	125.5	6.11	121.3	5.84	118.8	5.61	113.5	5.27	108.1	4.93
		38.0	131.4	6.28	125.8	6.06	121.3	5.84	118.8	5.61	113.5	5.27	108.1	4.93
		45.6	131.5	6.22	126.0	6.04	121.3	5.84	118.8	5.61	113.5	5.27	108.1	4.93
	77	12.2	133.8	5.58	128.3	5.28	121.3	5.06	118.8	4.81	113.5	4.61	108.1	4.27
		15.2	134.1	5.57	128.3	5.27	121.3	5.03	118.8	4.81	113.5	4.58	108.1	4.24
		30.4	135.4	5.52	128.3	5.22	121.3	4.93	118.8	4.81	113.5	4.47	108.1	4.12
		38.0	135.9	5.38	128.3	5.11	121.3	4.93	118.8	4.69	113.5	4.47	108.1	4.12
		45.6	136.1	5.31	128.3	5.05	121.3	4.93	118.8	4.63	113.5	4.47	108.1	4.12
	86	12.2	135.9	5.06	128.3	4.72	121.3	4.37	118.8	4.27	113.5	4.03	108.1	3.66
		15.2	135.9	5.03	128.3	4.69	121.3	4.35	118.8	4.24	113.5	4.00	108.1	3.66
		30.4	135.9	4.93	128.3	4.58	121.3	4.24	118.8	4.12	113.5	3.90	108.1	3.66
		38.0	135.9	4.81	128.3	4.47	121.3	4.24	118.8	4.12	113.5	3.90	108.1	3.55
		45.6	135.9	4.75	128.3	4.41	121.3	4.24	118.8	4.12	113.5	3.90	108.1	3.50
	95	12.2	135.9	4.61	128.3	4.27	121.3	3.93	118.8	3.81	113.5	3.58	108.1	3.34
		15.2	135.9	4.58	128.3	4.24	121.3	3.90	118.8	3.78	113.5	3.55	108.1	3.32
		30.4	135.9	4.47	128.3	4.12	121.3	3.78	118.8	3.66	113.5	3.44	108.1	3.21
		38.0	135.9	4.35	128.3	4.00	121.3	3.66	118.8	3.55	113.5	3.44	108.1	3.21
		45.6	135.9	4.29	128.3	3.94	121.3	3.60	118.8	3.50	113.5	3.44	108.1	3.21
	104	12.2	135.9	4.30	128.3	3.93	121.3	3.46	118.8	3.34	113.5	3.24	108.1	3.00
		15.2	135.9	4.24	128.3	3.90	121.3	3.44	118.8	3.32	113.5	3.21	108.1	2.97
		30.4	135.9	4.00	128.3	3.78	121.3	3.32	118.8	3.21	113.5	3.09	108.1	2.87
		38.0	135.9	4.00	128.3	3.78	121.3	3.32	118.8	3.21	113.5	3.09	108.1	2.87
		45.6	135.9	4.00	128.3	3.78	121.3	3.32	118.8	3.21	113.5	3.09	108.1	2.87
	113	12.2	135.9	3.98	128.3	3.58	121.3	3.00	118.8	2.90	113.5	2.90	108.1	2.66
		15.2	135.9	3.90	128.3	3.55	121.3	2.97	118.8	2.87	113.5	2.87	108.1	2.63
		30.4	135.9	3.55	128.3	3.44	121.3	2.87	118.8	2.75	113.5	2.75	108.1	2.52
		38.0	135.9	3.66	128.3	3.55	121.3	2.97	118.8	2.87	113.5	2.75	108.1	2.52
		45.6	135.9	3.71	128.3	3.61	121.3	3.03	118.8	2.93	113.5	2.75	108.1	2.52

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN121DAS4, ARWB121DAS4

121,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
80	23	12.2	48.5	4.82	45.4	4.64	43.0	4.44	42.5	4.29	42.2	4.09	41.4	3.77
		15.2	50.1	4.93	47.0	4.74	44.5	4.54	44.0	4.38	43.7	4.18	42.8	3.85
		30.4	56.6	5.35	53.1	5.14	50.2	4.92	49.7	4.75	49.5	4.54	48.5	4.17
		38.0	62.7	5.77	58.6	5.54	55.5	5.31	54.9	5.13	54.6	4.89	53.5	4.50
		45.6	65.7	5.98	61.4	5.75	58.2	5.50	57.5	5.32	57.2	5.07	56.0	4.67
	32	12.2	86.5	7.07	79.8	6.79	74.3	6.51	72.9	6.28	71.9	5.99	69.2	5.52
		15.2	87.0	7.10	80.2	6.81	74.7	6.53	73.3	6.30	72.3	6.01	69.6	5.53
		30.4	89.2	7.18	82.1	6.89	76.5	6.60	75.1	6.37	74.1	6.08	71.2	5.59
		38.0	90.4	7.18	83.4	6.89	77.7	6.60	76.2	6.37	75.2	6.08	72.3	5.59
		45.6	91.1	7.18	84.0	6.89	78.4	6.60	76.8	6.37	75.8	6.08	72.9	5.59
	41	12.2	119.7	7.69	112.9	7.40	108.0	7.07	105.6	6.83	101.1	6.52	96.1	6.00
		15.2	119.9	7.73	113.1	7.44	108.0	7.11	105.6	6.87	101.1	6.55	96.1	6.03
		30.4	120.9	7.90	114.0	7.58	108.1	7.26	105.6	7.01	101.1	6.68	96.1	6.16
		38.0	120.9	7.95	113.9	7.64	108.1	7.31	105.6	7.06	101.1	6.73	96.1	6.19
		45.6	120.9	7.97	113.8	7.67	108.1	7.33	105.6	7.08	101.1	6.75	96.1	6.21
	50	12.2	120.3	7.08	113.4	6.76	108.0	6.42	105.6	6.24	101.1	5.91	96.1	5.47
		15.2	120.4	7.07	113.5	6.75	108.0	6.42	105.6	6.24	101.1	5.91	96.1	5.47
		30.4	120.9	7.04	114.0	6.72	108.1	6.43	105.6	6.25	101.1	5.92	96.1	5.48
		38.0	120.9	7.01	113.9	6.74	108.1	6.46	105.6	6.22	101.1	5.89	96.1	5.45
		45.6	120.9	7.00	113.8	6.75	108.1	6.47	105.6	6.20	101.1	5.87	96.1	5.43
	59	12.2	120.9	6.46	113.9	6.12	108.1	5.75	105.6	5.64	101.1	5.30	96.1	4.96
		15.2	120.9	6.41	113.9	6.06	108.1	5.72	105.6	5.61	101.1	5.27	96.1	4.93
		30.4	120.9	6.18	113.9	5.84	108.1	5.61	105.6	5.50	101.1	5.15	96.1	4.81
		38.0	120.9	6.06	113.9	5.84	108.1	5.61	105.6	5.38	101.1	5.03	96.1	4.69
		45.6	120.9	6.00	113.9	5.84	108.1	5.61	105.6	5.32	101.1	4.97	96.1	4.63
	68	12.2	120.9	5.40	113.9	5.18	108.1	4.93	105.6	4.84	101.1	4.61	96.1	4.27
		15.2	120.9	5.38	113.9	5.15	108.1	4.93	105.6	4.81	101.1	4.58	96.1	4.24
		30.4	120.9	5.27	113.9	5.03	108.1	4.93	105.6	4.69	101.1	4.47	96.1	4.12
		38.0	120.9	5.15	113.9	4.93	108.1	4.81	105.6	4.69	101.1	4.35	96.1	4.12
		45.6	120.9	5.09	113.9	4.87	108.1	4.75	105.6	4.69	101.1	4.29	96.1	4.12
	77	12.2	120.9	4.84	113.9	4.50	108.1	4.24	105.6	4.15	101.1	3.93	96.1	3.69
		15.2	120.9	4.81	113.9	4.47	108.1	4.24	105.6	4.12	101.1	3.90	96.1	3.66
		30.4	120.9	4.69	113.9	4.35	108.1	4.24	105.6	4.00	101.1	3.78	96.1	3.55
		38.0	120.9	4.58	113.9	4.35	108.1	4.12	105.6	4.00	101.1	3.78	96.1	3.55
		45.6	120.9	4.53	113.9	4.35	108.1	4.06	105.6	4.00	101.1	3.78	96.1	3.55
	86	12.2	120.9	4.27	113.9	4.03	108.1	3.81	105.6	3.69	101.1	3.46	96.1	3.24
		15.2	120.9	4.24	113.9	4.00	108.1	3.78	105.6	3.66	101.1	3.44	96.1	3.21
		30.4	120.9	4.12	113.9	3.90	108.1	3.66	105.6	3.55	101.1	3.32	96.1	3.09
		38.0	120.9	4.12	113.9	3.90	108.1	3.66	105.6	3.55	101.1	3.32	96.1	3.09
		45.6	120.9	4.12	113.9	3.90	108.1	3.66	105.6	3.55	101.1	3.32	96.1	3.09
	95	12.2	120.9	3.93	113.9	3.69	108.1	3.34	105.6	3.21	101.1	3.12	96.1	2.87
		15.2	120.9	3.90	113.9	3.66	108.1	3.32	105.6	3.21	101.1	3.09	96.1	2.87
		30.4	120.9	3.78	113.9	3.55	108.1	3.21	105.6	3.21	101.1	2.97	96.1	2.87
		38.0	120.9	3.78	113.9	3.44	108.1	3.21	105.6	3.09	101.1	2.97	96.1	2.75
		45.6	120.9	3.78	113.9	3.38	108.1	3.21	105.6	3.03	101.1	2.97	96.1	2.69
	104	12.2	120.9	3.72	113.9	3.34	108.1	2.97	105.6	3.00	101.1	2.75	96.1	2.66
		15.2	120.9	3.66	113.9	3.32	108.1	2.97	105.6	2.97	101.1	2.75	96.1	2.63
		30.4	120.9	3.44	113.9	3.21	108.1	2.97	105.6	2.87	101.1	2.75	96.1	2.52
		38.0	120.9	3.44	113.9	3.21	108.1	2.87	105.6	2.87	101.1	2.75	96.1	2.52
		45.6	120.9	3.44	113.9	3.21	108.1	2.81	105.6	2.87	101.1	2.75	96.1	2.52
	113	12.2	120.9	3.52	113.9	3.00	108.1	2.60	105.6	2.80	101.1	2.37	96.1	2.46
		15.2	120.9	3.44	113.9	2.97	108.1	2.63	105.6	2.75	101.1	2.40	96.1	2.40
		30.4	120.9	3.09	113.9	2.87	108.1	2.75	105.6	2.52	101.1	2.52	96.1	2.18
		38.0	120.9	3.09	113.9	2.97	108.1	2.52	105.6	2.63	101.1	2.52	96.1	2.29
		45.6	120.9	3.09	113.9	3.03	108.1	2.41	105.6	2.68	101.1	2.52	96.1	2.34

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN121DAS4, ARWB121DAS4

121,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
70	23	12.2	42.2	4.14	39.7	3.94	37.5	3.81	37.2	3.59	36.9	3.47	36.3	3.15
		15.2	43.7	4.23	41.1	4.03	38.8	3.90	38.4	3.67	38.2	3.54	37.5	3.22
		30.4	49.5	4.58	46.5	4.37	43.8	4.23	43.5	3.98	43.2	3.84	42.4	3.49
		38.0	54.8	4.95	51.4	4.71	48.5	4.56	48.1	4.29	47.7	4.15	46.8	3.77
		45.6	57.4	5.14	53.8	4.89	50.8	4.73	50.4	4.44	50.0	4.30	49.1	3.90
	32	12.2	75.7	6.06	69.9	5.78	64.9	5.58	63.8	5.26	62.8	5.08	60.6	4.62
		15.2	76.1	6.08	70.3	5.79	65.3	5.60	64.2	5.27	63.2	5.09	60.9	4.63
		30.4	77.9	6.15	72.0	5.85	66.8	5.67	65.7	5.33	64.7	5.15	62.3	4.68
		38.0	79.0	6.15	73.1	5.85	67.8	5.67	66.7	5.33	65.7	5.15	63.3	4.68
		45.6	79.6	6.15	73.7	5.85	68.3	5.67	67.2	5.33	66.2	5.15	63.8	4.68
	41	12.2	104.5	6.60	99.0	6.28	94.3	6.08	92.3	5.73	88.2	5.53	84.0	5.02
		15.2	104.7	6.63	99.2	6.31	94.3	6.11	92.3	5.76	88.2	5.56	84.0	5.05
		30.4	105.6	6.76	100.0	6.44	94.4	6.24	92.3	5.86	88.2	5.67	84.0	5.15
		38.0	105.6	6.81	99.8	6.49	94.4	6.29	92.3	5.91	88.2	5.71	84.0	5.19
		45.6	105.6	6.83	99.8	6.51	94.4	6.31	92.3	5.93	88.2	5.73	84.0	5.21
	50	12.2	105.0	6.08	99.4	5.74	94.4	5.53	92.3	5.22	88.2	5.01	84.0	4.58
		15.2	105.1	6.06	99.5	5.73	94.4	5.52	92.3	5.22	88.2	5.01	84.0	4.58
		30.4	105.6	6.02	99.8	5.69	94.4	5.47	92.3	5.22	88.2	5.01	84.0	4.58
		38.0	105.6	6.04	99.8	5.71	94.4	5.50	92.3	5.25	88.2	4.97	84.0	4.60
		45.6	105.6	6.05	99.8	5.72	94.4	5.51	92.3	5.26	88.2	4.96	84.0	4.60
	59	12.2	105.6	5.55	99.8	5.21	94.4	4.99	92.3	4.72	88.2	4.50	84.0	4.15
		15.2	105.6	5.50	99.8	5.15	94.4	4.93	92.3	4.69	88.2	4.47	84.0	4.12
		30.4	105.6	5.27	99.8	4.93	94.4	4.69	92.3	4.58	88.2	4.35	84.0	4.00
		38.0	105.6	5.27	99.8	4.93	94.4	4.69	92.3	4.58	88.2	4.24	84.0	4.00
		45.6	105.6	5.27	99.8	4.93	94.4	4.69	92.3	4.58	88.2	4.19	84.0	4.00
	68	12.2	105.6	4.61	99.8	4.37	94.4	4.27	92.3	4.15	88.2	3.93	84.0	3.69
		15.2	105.6	4.58	99.8	4.35	94.4	4.24	92.3	4.12	88.2	3.90	84.0	3.66
		30.4	105.6	4.47	99.8	4.24	94.4	4.12	92.3	4.00	88.2	3.78	84.0	3.55
		38.0	105.6	4.47	99.8	4.24	94.4	4.12	92.3	3.90	88.2	3.78	84.0	3.44
		45.6	105.6	4.47	99.8	4.24	94.4	4.12	92.3	3.84	88.2	3.78	84.0	3.38
	77	12.2	105.6	4.15	99.8	3.93	94.4	3.69	92.3	3.58	88.2	3.32	84.0	3.09
		15.2	105.6	4.12	99.8	3.90	94.4	3.66	92.3	3.55	88.2	3.32	84.0	3.09
		30.4	105.6	4.00	99.8	3.78	94.4	3.55	92.3	3.44	88.2	3.32	84.0	3.09
		38.0	105.6	3.90	99.8	3.66	94.4	3.55	92.3	3.44	88.2	3.21	84.0	3.09
		45.6	105.6	3.84	99.8	3.60	94.4	3.55	92.3	3.44	88.2	3.16	84.0	3.09
	86	12.2	105.6	3.69	99.8	3.46	94.4	3.24	92.3	3.09	88.2	3.00	84.0	2.75
		15.2	105.6	3.66	99.8	3.44	94.4	3.21	92.3	3.09	88.2	2.97	84.0	2.75
		30.4	105.6	3.55	99.8	3.32	94.4	3.09	92.3	3.09	88.2	2.87	84.0	2.75
		38.0	105.6	3.55	99.8	3.32	94.4	3.09	92.3	2.97	88.2	2.87	84.0	2.75
		45.6	105.6	3.55	99.8	3.32	94.4	3.09	92.3	2.91	88.2	2.87	84.0	2.75
	95	12.2	105.6	3.34	99.8	3.12	94.4	2.87	92.3	2.90	88.2	2.63	84.0	2.55
		15.2	105.6	3.32	99.8	3.09	94.4	2.87	92.3	2.87	88.2	2.63	84.0	2.52
		30.4	105.6	3.21	99.8	2.97	94.4	2.87	92.3	2.75	88.2	2.63	84.0	2.40
		38.0	105.6	3.21	99.8	2.97	94.4	2.75	92.3	2.75	88.2	2.63	84.0	2.40
		45.6	105.6	3.21	99.8	2.97	94.4	2.69	92.3	2.75	88.2	2.63	84.0	2.40
	104	12.2	105.6	3.12	99.8	2.90	94.4	2.66	92.3	2.52	88.2	2.40	84.0	2.31
		15.2	105.6	3.09	99.8	2.87	94.4	2.63	92.3	2.52	88.2	2.40	84.0	2.29
		30.4	105.6	2.97	99.8	2.75	94.4	2.52	92.3	2.52	88.2	2.40	84.0	2.18
		38.0	105.6	2.97	99.8	2.75	94.4	2.52	92.3	2.40	88.2	2.29	84.0	2.18
		45.6	105.6	2.97	99.8	2.75	94.4	2.52	92.3	2.34	88.2	2.23	84.0	2.18
	113	12.2	105.6	2.90	99.8	2.66	94.4	2.46	92.3	2.15	88.2	2.18	84.0	2.09
		15.2	105.6	2.87	99.8	2.63	94.4	2.40	92.3	2.18	88.2	2.18	84.0	2.06
		30.4	105.6	2.75	99.8	2.52	94.4	2.18	92.3	2.29	88.2	2.18	84.0	1.94
		38.0	105.6	2.75	99.8	2.52	94.4	2.29	92.3	2.06	88.2	1.94	84.0	1.94
		45.6	105.6	2.75	99.8	2.52	94.4	2.34	92.3	1.95	88.2	1.82	84.0	1.94

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN121DAS4, ARWB121DAS4

121,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
60	23	12.2	36.3	3.36	34.0	3.23	32.2	3.11	31.8	2.89	31.7	2.84	31.1	2.54
		15.2	37.5	3.44	35.2	3.30	33.3	3.17	32.9	2.95	32.8	2.90	32.1	2.59
		30.4	42.6	3.73	39.8	3.59	37.7	3.45	37.3	3.20	37.2	3.15	36.4	2.82
		38.0	47.0	4.02	44.0	3.87	41.7	3.72	41.2	3.46	41.1	3.40	40.2	3.03
		45.6	49.2	4.16	46.0	4.02	43.7	3.86	43.2	3.59	43.0	3.52	42.1	3.14
	32	12.2	64.9	4.92	59.8	4.75	55.8	4.55	54.7	4.23	53.9	4.17	52.0	3.72
		15.2	65.3	4.94	60.2	4.76	56.1	4.56	55.0	4.24	54.3	4.18	52.2	3.73
		30.4	66.8	5.00	61.5	4.81	57.5	4.62	56.3	4.29	55.5	4.23	53.4	3.77
		38.0	67.8	5.00	62.5	4.81	58.4	4.62	57.1	4.29	56.4	4.23	54.3	3.77
		45.6	68.3	5.00	63.0	4.81	58.8	4.62	57.6	4.29	56.8	4.23	54.7	3.77
	41	12.2	89.7	5.36	84.6	5.16	81.1	4.95	79.1	4.61	75.7	4.54	72.1	4.04
		15.2	89.9	5.39	84.8	5.19	81.1	4.97	79.1	4.63	75.7	4.56	72.1	4.06
		30.4	90.7	5.50	85.4	5.29	81.1	5.08	79.1	4.73	75.7	4.66	72.1	4.15
		38.0	90.7	5.54	85.3	5.33	81.1	5.12	79.1	4.76	75.7	4.68	72.1	4.18
		45.6	90.7	5.57	85.2	5.35	81.1	5.13	79.1	4.78	75.7	4.69	72.1	4.20
	50	12.2	90.2	4.93	84.9	4.71	81.1	4.49	79.1	4.19	75.7	4.11	72.1	3.69
		15.2	90.3	4.93	85.0	4.71	81.1	4.49	79.1	4.20	75.7	4.11	72.1	3.70
		30.4	90.7	4.93	85.4	4.71	81.1	4.49	79.1	4.25	75.7	4.10	72.1	3.73
		38.0	90.7	4.94	85.3	4.67	81.1	4.44	79.1	4.20	75.7	4.06	72.1	3.70
		45.6	90.7	4.95	85.2	4.64	81.1	4.42	79.1	4.18	75.7	4.04	72.1	3.68
	59	12.2	90.7	4.50	85.3	4.27	81.1	4.03	79.1	3.78	75.7	3.69	72.1	3.32
		15.2	90.7	4.47	85.3	4.24	81.1	4.00	79.1	3.78	75.7	3.66	72.1	3.32
		30.4	90.7	4.35	85.3	4.12	81.1	3.90	79.1	3.78	75.7	3.55	72.1	3.32
		38.0	90.7	4.35	85.3	4.00	81.1	3.78	79.1	3.66	75.7	3.44	72.1	3.21
		45.6	90.7	4.35	85.3	3.94	81.1	3.72	79.1	3.60	75.7	3.38	72.1	3.16
	68	12.2	90.7	3.93	85.3	3.69	81.1	3.46	79.1	3.34	75.7	3.24	72.1	3.00
		15.2	90.7	3.90	85.3	3.66	81.1	3.44	79.1	3.32	75.7	3.21	72.1	2.97
		30.4	90.7	3.78	85.3	3.55	81.1	3.32	79.1	3.21	75.7	3.09	72.1	2.87
		38.0	90.7	3.78	85.3	3.55	81.1	3.32	79.1	3.21	75.7	3.09	72.1	2.87
		45.6	90.7	3.78	85.3	3.55	81.1	3.32	79.1	3.21	75.7	3.09	72.1	2.87
	77	12.2	90.7	3.46	85.3	3.24	81.1	2.97	79.1	3.00	75.7	2.75	72.1	2.66
		15.2	90.7	3.44	85.3	3.21	81.1	2.97	79.1	2.97	75.7	2.75	72.1	2.63
		30.4	90.7	3.32	85.3	3.09	81.1	2.97	79.1	2.87	75.7	2.75	72.1	2.52
		38.0	90.7	3.32	85.3	3.09	81.1	2.87	79.1	2.87	75.7	2.75	72.1	2.52
		45.6	90.7	3.32	85.3	3.09	81.1	2.81	79.1	2.87	75.7	2.75	72.1	2.52
	86	12.2	90.7	3.12	85.3	2.90	81.1	2.78	79.1	2.66	75.7	2.55	72.1	2.43
		15.2	90.7	3.09	85.3	2.87	81.1	2.75	79.1	2.63	75.7	2.52	72.1	2.40
		30.4	90.7	2.97	85.3	2.75	81.1	2.63	79.1	2.52	75.7	2.40	72.1	2.29
		38.0	90.7	2.97	85.3	2.75	81.1	2.63	79.1	2.52	75.7	2.40	72.1	2.29
		45.6	90.7	2.97	85.3	2.75	81.1	2.63	79.1	2.52	75.7	2.40	72.1	2.29
	95	12.2	90.7	2.75	85.3	2.66	81.1	2.40	79.1	2.43	75.7	2.31	72.1	2.21
		15.2	90.7	2.75	85.3	2.63	81.1	2.40	79.1	2.40	75.7	2.29	72.1	2.18
		30.4	90.7	2.75	85.3	2.52	81.1	2.40	79.1	2.29	75.7	2.18	72.1	2.06
		38.0	90.7	2.75	85.3	2.52	81.1	2.29	79.1	2.29	75.7	2.18	72.1	2.06
		45.6	90.7	2.75	85.3	2.52	81.1	2.23	79.1	2.29	75.7	2.18	72.1	2.06
	104	12.2	90.7	2.52	85.3	2.43	81.1	2.18	79.1	2.21	75.7	2.09	72.1	1.94
		15.2	90.7	2.52	85.3	2.40	81.1	2.18	79.1	2.18	75.7	2.06	72.1	1.94
		30.4	90.7	2.52	85.3	2.29	81.1	2.18	79.1	2.06	75.7	1.94	72.1	1.94
		38.0	90.7	2.52	85.3	2.29	81.1	2.18	79.1	2.06	75.7	1.94	72.1	1.94
		45.6	90.7	2.52	85.3	2.29	81.1	2.18	79.1	2.06	75.7	1.94	72.1	1.94
	113	12.2	90.7	2.29	85.3	2.21	81.1	1.94	79.1	1.97	75.7	1.87	72.1	1.69
		15.2	90.7	2.29	85.3	2.18	81.1	1.94	79.1	1.94	75.7	1.84	72.1	1.72
		30.4	90.7	2.29	85.3	2.06	81.1	1.94	79.1	1.84	75.7	1.72	72.1	1.84
		38.0	90.7	2.29	85.3	2.06	81.1	2.06	79.1	1.84	75.7	1.72	72.1	1.84
		45.6	90.7	2.29	85.3	2.06	81.1	2.12	79.1	1.84	75.7	1.72	72.1	1.84

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN121DAS4, ARWB121DAS4

121,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
50	23	12.2	30.3	2.68	28.4	2.54	26.8	2.40	26.5	2.27	26.3	2.13	25.9	2.02
		15.2	31.3	2.74	29.4	2.59	27.8	2.45	27.4	2.32	27.3	2.18	26.7	2.06
		30.4	35.3	2.96	33.2	2.82	31.4	2.65	31.0	2.52	30.9	2.37	30.3	2.23
		38.0	39.1	3.20	36.7	3.03	34.7	2.87	34.3	2.72	34.0	2.55	33.5	2.40
		45.6	41.0	3.32	38.4	3.14	36.3	2.97	35.9	2.83	35.6	2.64	35.2	2.49
	32	12.2	53.9	3.92	49.9	3.72	46.4	3.51	45.4	3.33	44.8	3.13	43.2	2.95
		15.2	54.3	3.93	50.2	3.73	46.7	3.52	45.7	3.34	45.1	3.14	43.5	2.96
		30.4	55.5	3.97	51.4	3.77	47.8	3.57	46.8	3.39	46.2	3.17	44.5	3.00
		38.0	56.4	3.97	52.1	3.77	48.5	3.57	47.6	3.39	46.8	3.17	45.2	3.00
		45.6	56.8	3.97	52.5	3.77	48.8	3.57	48.0	3.39	47.2	3.17	45.6	3.00
	41	12.2	74.6	4.27	70.7	4.04	67.4	3.82	65.8	3.63	62.9	3.41	60.0	3.20
		15.2	74.7	4.29	70.8	4.06	67.4	3.84	65.8	3.65	62.9	3.42	60.0	3.22
		30.4	75.3	4.37	71.3	4.15	67.6	3.92	65.8	3.72	62.9	3.48	60.0	3.29
		38.0	75.3	4.41	71.2	4.18	67.6	3.94	65.8	3.74	62.9	3.52	60.0	3.32
		45.6	75.3	4.42	71.1	4.20	67.6	3.96	65.8	3.75	62.9	3.54	60.0	3.33
	50	12.2	75.0	3.93	70.9	3.70	67.4	3.48	65.8	3.32	62.9	3.07	60.0	2.93
		15.2	75.1	3.92	71.0	3.70	67.4	3.47	65.8	3.32	62.9	3.08	60.0	2.93
		30.4	75.3	3.90	71.3	3.68	67.6	3.45	65.8	3.29	62.9	3.12	60.0	2.90
		38.0	75.3	3.92	71.2	3.70	67.6	3.46	65.8	3.30	62.9	3.07	60.0	2.91
		45.6	75.3	3.93	71.1	3.70	67.6	3.46	65.8	3.31	62.9	3.04	60.0	2.92
	59	12.2	75.3	3.58	71.2	3.34	67.6	3.12	65.8	3.00	62.9	2.75	60.0	2.66
		15.2	75.3	3.55	71.2	3.32	67.6	3.09	65.8	2.97	62.9	2.75	60.0	2.63
		30.4	75.3	3.44	71.2	3.21	67.6	2.97	65.8	2.87	62.9	2.75	60.0	2.52
		38.0	75.3	3.44	71.2	3.21	67.6	2.97	65.8	2.87	62.9	2.63	60.0	2.52
		45.6	75.3	3.44	71.2	3.21	67.6	2.97	65.8	2.87	62.9	2.57	60.0	2.52
	68	12.2	75.3	3.12	71.2	2.90	67.6	2.78	65.8	2.66	62.9	2.55	60.0	2.29
		15.2	75.3	3.09	71.2	2.87	67.6	2.75	65.8	2.63	62.9	2.52	60.0	2.29
		30.4	75.3	2.97	71.2	2.75	67.6	2.63	65.8	2.52	62.9	2.40	60.0	2.29
		38.0	75.3	2.97	71.2	2.75	67.6	2.63	65.8	2.52	62.9	2.40	60.0	2.29
		45.6	75.3	2.97	71.2	2.75	67.6	2.63	65.8	2.52	62.9	2.40	60.0	2.29
	77	12.2	75.3	2.78	71.2	2.52	67.6	2.43	65.8	2.29	62.9	2.18	60.0	2.06
		15.2	75.3	2.75	71.2	2.52	67.6	2.40	65.8	2.29	62.9	2.18	60.0	2.06
		30.4	75.3	2.63	71.2	2.52	67.6	2.29	65.8	2.29	62.9	2.18	60.0	2.06
		38.0	75.3	2.63	71.2	2.52	67.6	2.29	65.8	2.29	62.9	2.18	60.0	2.06
		45.6	75.3	2.63	71.2	2.52	67.6	2.29	65.8	2.29	62.9	2.18	60.0	2.06
	86	12.2	75.3	2.55	71.2	2.31	67.6	2.21	65.8	2.06	62.9	2.09	60.0	1.97
		15.2	75.3	2.52	71.2	2.29	67.6	2.18	65.8	2.06	62.9	2.06	60.0	1.94
		30.4	75.3	2.40	71.2	2.18	67.6	2.06	65.8	2.06	62.9	1.94	60.0	1.84
		38.0	75.3	2.40	71.2	2.18	67.6	2.06	65.8	2.06	62.9	1.94	60.0	1.84
		45.6	75.3	2.40	71.2	2.18	67.6	2.06	65.8	2.06	62.9	1.94	60.0	1.84
	95	12.2	75.3	2.31	71.2	2.06	67.6	1.94	65.8	1.97	62.9	1.84	60.0	1.72
		15.2	75.3	2.29	71.2	2.06	67.6	1.94	65.8	1.94	62.9	1.84	60.0	1.72
		30.4	75.3	2.18	71.2	2.06	67.6	1.94	65.8	1.84	62.9	1.84	60.0	1.72
		38.0	75.3	2.18	71.2	2.06	67.6	1.94	65.8	1.84	62.9	1.84	60.0	1.72
		45.6	75.3	2.18	71.2	2.06	67.6	1.94	65.8	1.84	62.9	1.84	60.0	1.72
	104	12.2	75.3	2.09	71.2	1.97	67.6	1.87	65.8	1.72	62.9	1.75	60.0	1.60
		15.2	75.3	2.06	71.2	1.94	67.6	1.84	65.8	1.72	62.9	1.72	60.0	1.60
		30.4	75.3	1.94	71.2	1.84	67.6	1.72	65.8	1.72	62.9	1.60	60.0	1.60
		38.0	75.3	1.94	71.2	1.84	67.6	1.72	65.8	1.72	62.9	1.60	60.0	1.60
		45.6	75.3	1.94	71.2	1.84	67.6	1.72	65.8	1.72	62.9	1.60	60.0	1.60
	113	12.2	75.3	1.87	71.2	1.90	67.6	1.77	65.8	1.47	62.9	1.66	60.0	1.49
		15.2	75.3	1.84	71.2	1.84	67.6	1.72	65.8	1.49	62.9	1.60	60.0	1.49
		30.4	75.3	1.72	71.2	1.60	67.6	1.49	65.8	1.60	62.9	1.37	60.0	1.49
		38.0	75.3	1.72	71.2	1.60	67.6	1.49	65.8	1.60	62.9	1.37	60.0	1.49
		45.6	75.3	1.72	71.2	1.60	67.6	1.49	65.8	1.60	62.9	1.37	60.0	1.49

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN144DAS4, ARWB144DAS4

144,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
130	23	14.2	76.6	8.75	76.1	8.24	75.6	7.67	74.6	7.45	75.5	7.25	73.4	6.50
		17.8	79.3	8.91	78.7	8.40	78.2	7.84	77.2	7.61	78.1	7.41	76.0	6.64
		35.5	89.7	9.51	88.9	9.04	88.5	8.50	87.3	8.26	88.3	8.03	86.0	7.21
		44.4	99.2	10.12	98.3	9.66	97.7	9.17	96.4	8.92	97.7	8.66	95.1	7.77
		53.3	103.9	10.42	103.0	9.97	102.3	9.50	101.1	9.26	102.4	8.98	99.6	8.05
	32	14.2	136.9	11.97	133.8	11.62	130.9	11.24	128.1	10.92	128.5	10.62	122.7	9.51
		17.8	137.7	12.01	134.6	11.65	131.7	11.27	128.8	10.95	129.3	10.65	123.4	9.54
		35.5	141.1	12.14	137.6	11.76	134.7	11.40	131.9	11.08	132.3	10.77	126.4	9.66
		44.4	143.2	12.14	139.7	11.76	136.8	11.40	133.8	11.08	134.3	10.77	128.2	9.66
		53.3	144.2	12.14	140.8	11.76	137.9	11.40	134.8	11.08	135.3	10.77	129.2	9.66
	41	14.2	197.2	12.87	194.2	12.55	190.1	12.23	185.4	11.89	180.4	11.56	170.4	10.35
		17.8	197.9	12.93	194.6	12.61	190.2	12.29	185.4	11.95	180.4	11.62	170.4	10.41
		35.5	200.6	13.16	195.9	12.84	190.3	12.54	185.4	12.19	180.4	11.85	170.4	10.62
		44.4	201.8	13.25	196.5	12.93	190.3	12.63	185.4	12.28	180.4	11.93	170.4	10.70
		53.3	202.4	13.29	196.8	12.97	190.3	12.67	185.4	12.32	180.4	11.98	170.4	10.73
	50	14.2	197.4	11.71	194.2	11.32	189.6	11.11	184.6	10.86	179.7	10.49	169.8	9.46
		17.8	198.6	11.69	195.2	11.33	190.3	11.13	185.4	10.85	180.4	10.48	170.4	9.46
		35.5	203.3	11.60	198.8	11.37	193.3	11.21	188.4	10.84	183.1	10.45	173.2	9.43
		44.4	204.3	11.76	200.1	11.53	194.6	11.26	189.3	10.88	184.3	10.62	174.2	9.87
		53.3	204.9	11.84	200.8	11.61	195.2	11.28	189.7	10.90	184.9	10.71	174.7	10.10
	59	14.2	197.7	10.56	194.3	10.10	188.8	10.00	183.8	9.83	179.0	9.41	169.1	8.58
		17.8	199.4	10.45	195.8	10.06	190.3	9.97	185.4	9.76	180.4	9.34	170.4	8.50
		35.5	205.9	10.03	201.6	9.89	196.4	9.89	191.4	9.47	185.8	9.05	175.9	8.22
		44.4	206.9	10.28	203.6	10.12	198.8	9.89	193.3	9.47	188.4	9.31	178.0	9.05
		53.3	207.4	10.40	204.6	10.23	200.0	9.89	194.3	9.47	189.7	9.44	179.0	9.47
	68	14.2	205.3	9.68	201.5	9.23	196.2	9.03	190.8	8.74	185.2	8.55	174.2	8.29
		17.8	206.9	9.61	203.1	9.22	197.7	9.02	192.3	8.78	186.9	8.61	175.9	8.22
		35.5	213.4	9.34	209.6	9.20	203.7	8.99	198.3	8.92	193.3	8.84	182.3	7.94
		44.4	214.3	9.34	211.1	9.20	206.2	9.05	200.3	8.92	194.9	8.84	183.9	8.45
		53.3	214.7	9.34	211.9	9.20	207.4	9.08	201.3	8.92	195.6	8.84	184.6	8.70
	77	14.2	216.7	9.23	211.1	8.97	206.2	8.81	202.2	8.67	197.7	8.54	186.4	7.98
		17.8	216.7	9.20	211.1	8.95	206.2	8.78	202.2	8.63	197.7	8.50	186.4	7.94
		35.5	216.7	9.05	211.1	8.89	206.2	8.63	202.2	8.50	197.7	8.36	186.4	7.80
		44.4	216.7	8.92	211.1	8.66	206.2	8.50	202.2	8.36	197.7	8.22	186.4	7.67
		53.3	216.7	8.86	211.1	8.55	206.2	8.44	202.2	8.29	197.7	8.14	186.4	7.60
	86	14.2	216.7	8.99	211.1	8.55	206.2	8.47	202.2	8.25	197.7	8.16	186.4	7.59
		17.8	216.7	8.92	211.1	8.53	206.2	8.42	202.2	8.22	197.7	8.09	186.4	7.52
		35.5	216.7	8.63	211.1	8.48	206.2	8.22	202.2	8.09	197.7	7.80	186.4	7.25
		44.4	216.7	8.50	211.1	8.24	206.2	8.09	202.2	7.94	197.7	7.80	186.4	7.25
		53.3	216.7	8.44	211.1	8.13	206.2	8.02	202.2	7.87	197.7	7.80	186.4	7.25
	95	14.2	216.7	8.58	211.1	8.29	206.2	8.12	202.2	7.83	197.7	7.56	186.4	7.03
		17.8	216.7	8.50	211.1	8.24	206.2	8.09	202.2	7.80	197.7	7.52	186.4	6.96
		35.5	216.7	8.22	211.1	8.06	206.2	7.94	202.2	7.67	197.7	7.38	186.4	6.69
		44.4	216.7	8.22	211.1	7.97	206.2	7.80	202.2	7.52	197.7	7.25	186.4	6.69
		53.3	216.7	8.22	211.1	7.93	206.2	7.73	202.2	7.45	197.7	7.18	186.4	6.69
	104	14.2	216.7	8.29	211.1	8.02	206.2	7.87	202.2	7.59	197.7	7.32	186.4	6.61
		17.8	216.7	8.22	211.1	7.97	206.2	7.80	202.2	7.52	197.7	7.25	186.4	6.54
		35.5	216.7	7.94	211.1	7.77	206.2	7.52	202.2	7.25	197.7	6.96	186.4	6.27
		44.4	216.7	7.80	211.1	7.64	206.2	7.52	202.2	7.25	197.7	6.96	186.4	6.27
		53.3	216.7	7.73	211.1	7.57	206.2	7.52	202.2	7.25	197.7	6.96	186.4	6.27
	113	14.2	216.7	8.01	211.1	7.75	206.2	7.63	202.2	7.36	197.7	7.07	186.4	6.20
		17.8	216.7	7.94	211.1	7.70	206.2	7.52	202.2	7.25	197.7	6.96	186.4	6.13
		35.5	216.7	7.67	211.1	7.50	206.2	7.11	202.2	6.83	197.7	6.54	186.4	5.85
		44.4	216.7	7.38	211.1	7.31	206.2	7.25	202.2	6.96	197.7	6.69	186.4	5.85
		53.3	216.7	7.23	211.1	7.21	206.2	7.32	202.2	7.03	197.7	6.76	186.4	5.85

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN144DAS4, ARWB144DAS4

144,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
120	23	14.2	72.8	8.75	72.3	8.24	71.8	7.67	71.0	7.35	71.5	7.14	69.6	6.39
		17.8	75.3	8.91	74.7	8.40	74.3	7.84	73.4	7.51	74.0	7.29	72.0	6.53
		35.5	85.3	9.51	84.5	9.04	84.1	8.50	83.0	8.14	83.8	7.91	81.5	7.09
		44.4	94.2	10.12	93.4	9.66	92.8	9.17	91.8	8.79	92.5	8.53	90.0	7.64
		53.3	98.7	10.42	97.9	9.97	97.2	9.50	96.2	9.12	96.9	8.85	94.2	7.92
	32	14.2	130.2	11.97	127.0	11.62	124.3	11.24	121.8	10.76	121.8	10.46	116.2	9.35
		17.8	131.0	12.01	127.8	11.65	125.1	11.27	122.5	10.80	122.5	10.49	116.9	9.38
		35.5	134.0	12.14	130.8	11.76	128.1	11.40	125.4	10.93	125.4	10.61	119.8	9.50
		44.4	136.1	12.14	132.9	11.76	130.1	11.40	127.3	10.93	127.2	10.61	121.6	9.50
		53.3	137.1	12.14	134.0	11.76	131.0	11.40	128.3	10.93	128.1	10.61	122.5	9.50
	41	14.2	187.7	12.87	184.9	12.55	180.8	12.23	176.5	11.71	170.9	11.39	161.5	10.20
		17.8	188.4	12.93	185.2	12.61	180.8	12.29	176.5	11.78	170.9	11.44	161.5	10.25
		35.5	191.1	13.16	186.6	12.84	180.8	12.54	176.5	12.02	170.9	11.68	161.5	10.45
		44.4	192.1	13.25	185.5	12.93	180.8	12.63	176.5	12.11	170.9	11.76	161.5	10.52
		53.3	192.7	13.29	185.0	12.97	180.8	12.67	176.5	12.15	170.9	11.81	161.5	10.56
	50	14.2	188.4	11.56	184.9	11.24	180.3	11.02	176.0	10.68	170.4	10.33	161.1	9.29
		17.8	189.3	11.60	185.7	11.29	180.8	11.06	176.5	10.70	170.9	10.32	161.5	9.30
		35.5	192.7	11.76	188.7	11.46	182.8	11.21	178.4	10.75	172.7	10.29	163.2	9.34
		44.4	193.8	11.72	188.1	11.46	183.5	11.26	179.2	10.80	173.5	10.33	164.0	9.66
		53.3	194.3	11.70	187.8	11.46	183.9	11.28	179.6	10.82	173.8	10.36	164.3	9.82
	59	14.2	188.9	10.26	185.1	9.95	179.8	9.80	175.5	9.65	170.0	9.27	160.7	8.40
		17.8	190.0	10.28	186.3	9.97	180.8	9.82	176.5	9.61	170.9	9.20	161.5	8.36
		35.5	194.4	10.36	190.8	10.06	184.9	9.89	180.4	9.47	174.4	8.92	165.0	8.22
		44.4	195.5	10.20	190.6	9.97	186.4	9.89	181.9	9.47	175.9	8.92	166.5	8.78
		53.3	196.0	10.13	190.6	9.93	187.2	9.89	182.7	9.47	176.6	8.92	167.3	9.06
	68	14.2	194.2	9.22	190.5	8.83	184.8	8.60	179.7	8.47	173.9	8.37	164.5	7.94
		17.8	195.5	9.22	191.7	8.86	185.8	8.63	180.8	8.50	175.0	8.36	165.5	7.91
		35.5	200.4	9.22	196.2	8.99	189.9	8.78	185.4	8.63	179.3	8.33	169.4	7.80
		44.4	201.3	9.14	196.1	8.92	191.4	8.78	186.4	8.63	180.4	8.36	170.4	8.09
		53.3	201.8	9.09	196.0	8.89	192.1	8.78	186.9	8.63	180.9	8.37	171.0	8.23
	77	14.2	203.6	8.72	197.7	8.32	191.4	8.16	187.3	7.98	182.3	7.83	172.4	7.29
		17.8	203.7	8.69	197.7	8.30	191.4	8.14	187.3	7.94	182.3	7.80	172.4	7.25
		35.5	204.2	8.56	197.7	8.24	191.4	8.09	187.3	7.80	182.3	7.67	172.4	7.11
		44.4	204.8	8.24	197.7	8.03	191.4	7.94	187.3	7.80	182.3	7.52	172.4	7.11
		53.3	205.1	8.08	197.7	7.92	191.4	7.87	187.3	7.80	182.3	7.45	172.4	7.11
	86	14.2	204.8	8.34	197.7	7.93	191.4	7.70	187.3	7.41	182.3	7.32	172.4	6.72
		17.8	204.8	8.27	197.7	7.88	191.4	7.67	187.3	7.38	182.3	7.25	172.4	6.69
		35.5	204.8	8.00	197.7	7.70	191.4	7.52	187.3	7.25	182.3	6.96	172.4	6.54
		44.4	204.8	7.74	197.7	7.52	191.4	7.38	187.3	7.25	182.3	6.96	172.4	6.41
		53.3	204.8	7.61	197.7	7.44	191.4	7.31	187.3	7.25	182.3	6.96	172.4	6.35
	95	14.2	204.8	7.97	197.7	7.54	191.4	7.32	187.3	7.03	182.3	6.76	172.4	6.16
		17.8	204.8	7.86	197.7	7.47	191.4	7.25	187.3	6.96	182.3	6.69	172.4	6.13
		35.5	204.8	7.41	197.7	7.19	191.4	6.96	187.3	6.69	182.3	6.41	172.4	6.00
		44.4	204.8	7.32	197.7	7.13	191.4	6.96	187.3	6.69	182.3	6.41	172.4	5.85
		53.3	204.8	7.28	197.7	7.11	191.4	6.96	187.3	6.69	182.3	6.41	172.4	5.78
	104	14.2	204.8	7.73	197.7	7.19	191.4	6.90	187.3	6.61	182.3	6.34	172.4	5.74
		17.8	204.8	7.58	197.7	7.11	191.4	6.83	187.3	6.54	182.3	6.27	172.4	5.71
		35.5	204.8	6.99	197.7	6.77	191.4	6.54	187.3	6.27	182.3	6.00	172.4	5.58
		44.4	204.8	6.90	197.7	6.69	191.4	6.54	187.3	6.27	182.3	6.00	172.4	5.43
		53.3	204.8	6.86	197.7	6.64	191.4	6.54	187.3	6.27	182.3	6.00	172.4	5.36
	113	14.2	204.8	7.49	197.7	6.84	191.4	6.49	187.3	6.20	182.3	5.92	172.4	5.32
		17.8	204.8	7.31	197.7	6.75	191.4	6.41	187.3	6.13	182.3	5.85	172.4	5.29
		35.5	204.8	6.57	197.7	6.36	191.4	6.13	187.3	5.85	182.3	5.58	172.4	5.16
		44.4	204.8	6.49	197.7	6.24	191.4	6.13	187.3	5.85	182.3	5.58	172.4	5.02
		53.3	204.8	6.44	197.7	6.18	191.4	6.13	187.3	5.85	182.3	5.58	172.4	4.94

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN144DAS4, ARWB144DAS4

144,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
110	23	14.2	68.9	8.87	68.5	8.24	68.0	7.67	67.3	7.35	67.5	7.14	66.0	6.39
		17.8	71.3	9.02	70.8	8.40	70.4	7.84	69.6	7.51	69.8	7.29	68.3	6.53
		35.5	80.6	9.63	80.2	9.04	79.7	8.50	78.8	8.14	78.8	7.91	77.3	7.09
		44.4	89.1	10.25	88.5	9.66	88.0	9.17	87.1	8.79	87.1	8.53	85.3	7.64
		53.3	93.3	10.56	92.6	9.97	92.2	9.50	91.3	9.12	91.3	8.85	89.3	7.92
	32	14.2	123.2	12.14	120.4	11.62	117.9	11.24	115.7	10.76	114.6	10.46	110.3	9.35
		17.8	123.9	12.17	121.2	11.65	118.6	11.27	116.3	10.80	115.3	10.49	110.9	9.38
		35.5	126.7	12.28	124.0	11.76	121.3	11.40	119.1	10.93	118.0	10.61	113.5	9.50
		44.4	128.7	12.28	126.0	11.76	123.3	11.40	120.9	10.93	119.8	10.61	115.1	9.50
		53.3	129.7	12.28	127.0	11.76	124.3	11.40	121.8	10.93	120.7	10.61	116.0	9.50
	41	14.2	179.6	13.04	175.4	12.55	171.3	12.23	167.4	11.71	160.9	11.39	153.1	10.20
		17.8	180.2	13.10	175.7	12.61	171.3	12.29	167.4	11.78	160.9	11.44	153.1	10.25
		35.5	182.6	13.33	177.1	12.84	171.5	12.54	167.4	12.02	160.9	11.68	153.1	10.45
		44.4	183.7	13.42	177.5	12.93	171.5	12.63	167.4	12.11	160.9	11.76	153.1	10.52
		53.3	184.2	13.46	177.7	12.97	171.5	12.67	167.4	12.15	160.9	11.81	153.1	10.56
	50	14.2	180.3	11.70	175.9	11.30	171.1	11.05	167.2	10.68	160.7	10.33	152.9	9.29
		17.8	181.0	11.72	176.3	11.33	171.3	11.08	167.4	10.70	160.9	10.32	153.1	9.30
		35.5	183.7	11.80	178.1	11.46	172.4	11.21	168.5	10.75	162.0	10.29	153.9	9.34
		44.4	184.8	11.80	178.9	11.46	173.0	11.19	168.8	10.72	162.3	10.33	154.3	9.44
		53.3	185.3	11.80	179.3	11.46	173.3	11.17	168.9	10.71	162.5	10.36	154.5	9.49
	59	14.2	180.8	10.35	176.1	10.06	171.0	9.89	166.9	9.65	160.4	9.27	152.7	8.40
		17.8	181.6	10.33	176.8	10.06	171.5	9.89	167.4	9.61	160.9	9.20	153.1	8.36
		35.5	184.6	10.28	179.3	10.06	173.5	9.89	169.4	9.47	163.1	8.92	154.6	8.22
		44.4	185.7	10.20	180.2	9.97	174.4	9.76	170.0	9.34	163.5	8.92	155.5	8.36
		53.3	186.2	10.17	180.7	9.93	174.8	9.69	170.3	9.27	163.7	8.92	156.0	8.43
	68	14.2	184.2	8.93	179.2	8.72	173.4	8.50	168.7	8.36	162.6	8.12	154.0	7.60
		17.8	185.2	8.95	179.8	8.72	173.9	8.50	169.4	8.36	163.1	8.09	154.6	7.58
		35.5	189.1	9.02	182.2	8.72	175.9	8.50	171.9	8.36	165.0	7.94	157.0	7.52
		44.4	190.2	9.02	183.7	8.72	176.9	8.50	172.4	8.22	165.9	7.94	157.5	7.52
		53.3	190.7	9.02	184.5	8.72	177.5	8.50	172.6	8.14	166.4	7.94	157.7	7.52
	77	14.2	190.0	8.13	184.3	7.83	176.9	7.70	173.0	7.41	167.0	7.14	158.1	6.54
		17.8	190.3	8.11	184.3	7.80	176.9	7.67	173.0	7.38	167.0	7.11	158.1	6.54
		35.5	191.8	8.06	184.3	7.67	176.9	7.52	173.0	7.25	167.0	6.96	158.1	6.54
		44.4	192.7	8.06	184.3	7.70	176.9	7.38	173.0	7.25	167.0	6.83	158.1	6.41
		53.3	193.2	8.06	184.3	7.71	176.9	7.31	173.0	7.25	167.0	6.77	158.1	6.35
	86	14.2	192.7	7.41	184.3	7.14	176.9	6.87	173.0	6.72	167.0	6.31	158.1	5.89
		17.8	192.7	7.38	184.3	7.11	176.9	6.83	173.0	6.69	167.0	6.27	158.1	5.85
		35.5	192.7	7.25	184.3	6.96	176.9	6.69	173.0	6.54	167.0	6.13	158.1	5.71
		44.4	192.7	7.19	184.3	6.83	176.9	6.54	173.0	6.41	167.0	6.13	158.1	5.71
		53.3	192.7	7.16	184.3	6.77	176.9	6.47	173.0	6.35	167.0	6.13	158.1	5.71
	95	14.2	192.7	7.03	184.3	6.58	176.9	6.31	173.0	6.03	167.0	5.74	158.1	5.32
		17.8	192.7	6.96	184.3	6.54	176.9	6.27	173.0	6.00	167.0	5.71	158.1	5.29
		35.5	192.7	6.69	184.3	6.41	176.9	6.13	173.0	5.85	167.0	5.58	158.1	5.16
		44.4	192.7	6.52	184.3	6.27	176.9	6.00	173.0	5.85	167.0	5.58	158.1	5.16
		53.3	192.7	6.43	184.3	6.20	176.9	5.93	173.0	5.85	167.0	5.58	158.1	5.16
	104	14.2	192.7	6.61	184.3	6.34	176.9	5.92	173.0	5.61	167.0	5.32	158.1	4.90
		17.8	192.7	6.54	184.3	6.27	176.9	5.85	173.0	5.58	167.0	5.29	158.1	4.87
		35.5	192.7	6.27	184.3	6.00	176.9	5.58	173.0	5.43	167.0	5.16	158.1	4.74
		44.4	192.7	6.18	184.3	5.85	176.9	5.58	173.0	5.29	167.0	5.02	158.1	4.60
		53.3	192.7	6.14	184.3	5.78	176.9	5.58	173.0	5.22	167.0	4.94	158.1	4.53
	113	14.2	192.7	6.20	184.3	6.10	176.9	5.54	173.0	5.20	167.0	4.90	158.1	4.49
		17.8	192.7	6.13	184.3	6.00	176.9	5.43	173.0	5.16	167.0	4.87	158.1	4.45
		35.5	192.7	5.85	184.3	5.58	176.9	5.02	173.0	5.02	167.0	4.74	158.1	4.32
		44.4	192.7	5.85	184.3	5.43	176.9	5.16	173.0	4.74	167.0	4.45	158.1	4.04
		53.3	192.7	5.85	184.3	5.36	176.9	5.23	173.0	4.60	167.0	4.31	158.1	3.89

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN144DAS4, ARWB144DAS4

144,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
100	23	14.2	65.1	8.87	64.7	8.36	64.4	7.67	63.8	7.35	63.2	7.02	62.0	6.39
		17.8	67.4	9.02	66.9	8.52	66.6	7.84	66.0	7.51	65.4	7.18	64.2	6.53
		35.5	76.3	9.63	75.8	9.15	75.3	8.50	74.6	8.14	74.0	7.80	72.8	7.09
		44.4	84.2	10.25	83.6	9.79	83.2	9.17	82.4	8.79	81.8	8.40	80.3	7.64
		53.3	88.3	10.56	87.6	10.11	87.1	9.50	86.4	9.12	85.8	8.71	84.1	7.92
	32	14.2	116.4	12.14	113.8	11.78	111.5	11.24	109.5	10.76	107.6	10.31	103.8	9.35
		17.8	117.1	12.17	114.5	11.80	112.1	11.27	110.2	10.80	108.2	10.33	104.4	9.38
		35.5	119.8	12.28	117.2	11.92	114.7	11.40	112.7	10.93	110.8	10.45	106.8	9.50
		44.4	121.6	12.28	119.1	11.92	116.5	11.40	114.4	10.93	112.4	10.45	108.5	9.50
		53.3	122.5	12.28	120.0	11.92	117.4	11.40	115.2	10.93	113.3	10.45	109.3	9.50
	41	14.2	171.8	13.04	166.1	12.73	161.8	12.23	158.5	11.71	151.0	11.21	144.1	10.20
		17.8	172.4	13.10	166.4	12.79	161.8	12.29	158.5	11.78	151.0	11.27	144.1	10.25
		35.5	174.8	13.33	167.6	13.02	162.0	12.54	158.5	12.02	151.0	11.50	144.1	10.45
		44.4	175.9	13.42	168.0	13.10	162.0	12.63	158.5	12.11	151.0	11.57	144.1	10.52
		53.3	176.4	13.46	168.3	13.15	162.0	12.67	158.5	12.15	151.0	11.61	144.1	10.56
	50	14.2	172.7	11.66	166.6	11.41	162.0	11.05	158.5	10.68	151.0	10.15	144.1	9.29
		17.8	173.2	11.72	166.8	11.44	162.0	11.08	158.5	10.70	151.0	10.16	144.1	9.30
		35.5	174.8	11.93	167.7	11.59	162.0	11.21	158.5	10.75	151.0	10.20	144.1	9.34
		44.4	176.0	11.89	168.5	11.59	162.0	11.19	158.5	10.72	151.0	10.18	144.1	9.30
		53.3	176.6	11.87	168.9	11.59	162.0	11.17	158.5	10.71	151.0	10.16	144.1	9.28
	59	14.2	173.7	10.28	167.3	10.11	162.0	9.89	158.5	9.65	151.0	9.08	144.1	8.40
		17.8	173.9	10.33	167.4	10.12	162.0	9.89	158.5	9.61	151.0	9.05	144.1	8.36
		35.5	174.8	10.54	167.9	10.15	162.0	9.89	158.5	9.47	151.0	8.92	144.1	8.22
		44.4	176.3	10.36	168.8	10.06	162.0	9.76	158.5	9.34	151.0	8.78	144.1	8.09
		53.3	177.1	10.28	169.2	10.02	162.0	9.69	158.5	9.27	151.0	8.71	144.1	8.02
	68	14.2	174.6	8.80	168.2	8.57	162.0	8.36	158.5	8.25	151.0	7.70	144.1	7.32
		17.8	175.3	8.84	168.3	8.58	162.0	8.36	158.5	8.22	151.0	7.67	144.1	7.25
		35.5	177.8	8.99	168.8	8.61	162.0	8.36	158.5	8.09	151.0	7.52	144.1	6.96
		44.4	178.9	8.84	170.3	8.53	162.0	8.22	158.5	7.94	151.0	7.38	144.1	6.83
		53.3	179.4	8.76	171.0	8.50	162.0	8.14	158.5	7.87	151.0	7.31	144.1	6.77
	77	14.2	176.7	7.69	170.9	7.45	162.0	7.14	158.5	6.87	151.0	6.45	144.1	5.85
		17.8	177.4	7.70	170.9	7.41	162.0	7.11	158.5	6.83	151.0	6.41	144.1	5.85
		35.5	179.9	7.73	170.9	7.25	162.0	6.96	158.5	6.69	151.0	6.27	144.1	5.85
		44.4	180.8	7.55	170.9	7.19	162.0	6.83	158.5	6.54	151.0	6.27	144.1	5.71
		53.3	181.3	7.47	170.9	7.16	162.0	6.77	158.5	6.47	151.0	6.27	144.1	5.64
	86	14.2	180.8	6.99	170.9	6.45	162.0	6.01	158.5	5.89	151.0	5.43	144.1	5.20
		17.8	180.8	6.96	170.9	6.41	162.0	6.00	158.5	5.85	151.0	5.43	144.1	5.16
		35.5	180.8	6.83	170.9	6.27	162.0	5.94	158.5	5.71	151.0	5.43	144.1	5.02
		44.4	180.8	6.69	170.9	6.27	162.0	5.85	158.5	5.71	151.0	5.29	144.1	5.02
		53.3	180.8	6.62	170.9	6.27	162.0	5.81	158.5	5.71	151.0	5.22	144.1	5.02
	95	14.2	180.8	6.49	170.9	5.92	162.0	5.30	158.5	5.20	151.0	4.90	144.1	4.49
		17.8	180.8	6.41	170.9	5.85	162.0	5.29	158.5	5.16	151.0	4.87	144.1	4.45
		35.5	180.8	6.13	170.9	5.58	162.0	5.23	158.5	5.02	151.0	4.74	144.1	4.32
		44.4	180.8	6.13	170.9	5.58	162.0	5.16	158.5	5.02	151.0	4.74	144.1	4.32
		53.3	180.8	6.13	170.9	5.58	162.0	5.12	158.5	5.02	151.0	4.74	144.1	4.32
	104	14.2	180.8	6.07	170.9	5.50	162.0	4.76	158.5	4.63	151.0	4.36	144.1	4.07
		17.8	180.8	6.00	170.9	5.43	162.0	4.74	158.5	4.60	151.0	4.32	144.1	4.04
		35.5	180.8	5.71	170.9	5.16	162.0	4.68	158.5	4.45	151.0	4.18	144.1	3.91
		44.4	180.8	5.58	170.9	5.16	162.0	4.60	158.5	4.45	151.0	4.18	144.1	3.91
		53.3	180.8	5.51	170.9	5.16	162.0	4.55	158.5	4.45	151.0	4.18	144.1	3.91
	113	14.2	180.8	5.65	170.9	5.09	162.0	4.19	158.5	4.07	151.0	3.80	144.1	3.65
		17.8	180.8	5.58	170.9	5.02	162.0	4.18	158.5	4.04	151.0	3.76	144.1	3.62
		35.5	180.8	5.29	170.9	4.74	162.0	4.12	158.5	3.91	151.0	3.62	144.1	3.49
		44.4	180.8	5.02	170.9	4.74	162.0	4.04	158.5	3.91	151.0	3.62	144.1	3.49
		53.3	180.8	4.88	170.9	4.74	162.0	3.99	158.5	3.91	151.0	3.62	144.1	3.49

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN144DAS4, ARWB144DAS4

144,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
90	23	14.2	61.5	8.23	59.6	7.50	57.8	6.59	57.4	6.28	56.9	6.05	56.0	5.43
		17.8	63.6	8.37	61.6	7.64	59.8	6.73	59.4	6.41	58.9	6.18	57.9	5.55
		35.5	72.0	8.94	69.8	8.20	67.7	7.31	67.2	6.96	66.8	6.72	65.4	6.02
		44.4	79.6	9.50	77.0	8.78	74.7	7.88	74.1	7.51	73.7	7.24	72.3	6.50
		53.3	83.4	9.78	80.7	9.07	78.3	8.17	77.6	7.79	77.2	7.50	75.8	6.74
	32	14.2	110.0	11.21	104.9	10.52	100.1	9.66	98.6	9.21	96.9	8.87	93.3	7.96
		17.8	110.6	11.24	105.5	10.55	100.7	9.69	99.2	9.24	97.5	8.89	93.9	7.99
		35.5	113.2	11.36	107.9	10.67	103.1	9.79	101.4	9.34	99.8	8.99	96.1	8.07
		44.4	114.8	11.36	109.6	10.67	104.7	9.79	102.9	9.34	101.4	8.99	97.7	8.07
		53.3	115.7	11.36	110.4	10.67	105.6	9.79	103.7	9.34	102.3	8.99	98.4	8.07
	41	14.2	155.4	12.04	150.4	11.36	145.6	10.51	142.6	10.02	136.2	9.65	129.8	8.66
		17.8	155.5	12.09	150.2	11.42	145.6	10.57	142.6	10.08	136.2	9.70	129.8	8.71
		35.5	156.1	12.31	149.8	11.63	145.6	10.77	142.6	10.28	136.2	9.90	129.8	8.88
		44.4	157.0	12.38	150.2	11.70	145.6	10.85	142.6	10.35	136.2	9.97	129.8	8.95
		53.3	157.5	12.42	150.5	11.74	145.6	10.90	142.6	10.39	136.2	10.01	129.8	8.99
	50	14.2	156.2	10.63	150.9	10.11	145.6	9.52	142.6	9.13	136.2	8.76	129.8	7.89
		17.8	156.1	10.64	150.7	10.12	145.6	9.53	142.6	9.14	136.2	8.75	129.8	7.90
		35.5	155.8	10.67	149.9	10.16	145.6	9.57	142.6	9.18	136.2	8.72	129.8	7.93
		44.4	156.9	10.64	150.4	10.13	145.6	9.54	142.6	9.15	136.2	8.75	129.8	7.96
		53.3	157.4	10.62	150.6	10.12	145.6	9.53	142.6	9.14	136.2	8.76	129.8	7.97
	59	14.2	157.0	9.20	151.4	8.87	145.6	8.54	142.6	8.25	136.2	7.87	129.8	7.14
		17.8	156.7	9.17	151.1	8.84	145.6	8.50	142.6	8.22	136.2	7.80	129.8	7.11
		35.5	155.7	9.02	150.1	8.69	145.6	8.36	142.6	8.09	136.2	7.52	129.8	6.96
		44.4	156.7	8.89	150.5	8.56	145.6	8.22	142.6	7.94	136.2	7.52	129.8	6.96
		53.3	157.3	8.83	150.8	8.50	145.6	8.14	142.6	7.87	136.2	7.52	129.8	6.96
	68	14.2	157.9	7.77	152.1	7.55	145.6	7.29	142.6	6.99	136.2	6.76	129.8	6.34
		17.8	157.8	7.77	151.8	7.52	145.6	7.25	142.6	6.96	136.2	6.69	129.8	6.27
		35.5	157.2	7.77	150.5	7.44	145.6	7.11	142.6	6.83	136.2	6.41	129.8	6.00
		44.4	157.6	7.64	151.0	7.38	145.6	7.11	142.6	6.83	136.2	6.41	129.8	6.00
		53.3	157.9	7.57	151.2	7.35	145.6	7.11	142.6	6.83	136.2	6.41	129.8	6.00
	77	14.2	160.6	6.79	154.0	6.43	145.6	6.16	142.6	5.85	136.2	5.61	129.8	5.20
		17.8	160.9	6.77	154.0	6.41	145.6	6.13	142.6	5.85	136.2	5.58	129.8	5.16
		35.5	162.5	6.72	154.0	6.36	145.6	6.00	142.6	5.85	136.2	5.43	129.8	5.02
		44.4	163.1	6.54	154.0	6.21	145.6	6.00	142.6	5.71	136.2	5.43	129.8	5.02
		53.3	163.4	6.46	154.0	6.14	145.6	6.00	142.6	5.64	136.2	5.43	129.8	5.02
	86	14.2	163.1	6.16	154.0	5.74	145.6	5.32	142.6	5.20	136.2	4.90	129.8	4.45
		17.8	163.1	6.13	154.0	5.71	145.6	5.29	142.6	5.16	136.2	4.87	129.8	4.45
		35.5	163.1	6.00	154.0	5.58	145.6	5.16	142.6	5.02	136.2	4.74	129.8	4.45
		44.4	163.1	5.85	154.0	5.43	145.6	5.16	142.6	5.02	136.2	4.74	129.8	4.32
		53.3	163.1	5.78	154.0	5.36	145.6	5.16	142.6	5.02	136.2	4.74	129.8	4.26
	95	14.2	163.1	5.61	154.0	5.20	145.6	4.78	142.6	4.63	136.2	4.36	129.8	4.07
		17.8	163.1	5.58	154.0	5.16	145.6	4.74	142.6	4.60	136.2	4.32	129.8	4.04
		35.5	163.1	5.43	154.0	5.02	145.6	4.60	142.6	4.45	136.2	4.18	129.8	3.91
		44.4	163.1	5.29	154.0	4.87	145.6	4.45	142.6	4.32	136.2	4.18	129.8	3.91
		53.3	163.1	5.22	154.0	4.80	145.6	4.38	142.6	4.26	136.2	4.18	129.8	3.91
	104	14.2	163.1	5.23	154.0	4.78	145.6	4.22	142.6	4.07	136.2	3.94	129.8	3.65
		17.8	163.1	5.16	154.0	4.74	145.6	4.18	142.6	4.04	136.2	3.91	129.8	3.62
		35.5	163.1	4.87	154.0	4.60	145.6	4.04	142.6	3.91	136.2	3.76	129.8	3.49
		44.4	163.1	4.87	154.0	4.60	145.6	4.04	142.6	3.91	136.2	3.76	129.8	3.49
		53.3	163.1	4.87	154.0	4.60	145.6	4.04	142.6	3.91	136.2	3.76	129.8	3.49
	113	14.2	163.1	4.85	154.0	4.36	145.6	3.65	142.6	3.52	136.2	3.52	129.8	3.23
		17.8	163.1	4.74	154.0	4.32	145.6	3.62	142.6	3.49	136.2	3.49	129.8	3.20
		35.5	163.1	4.32	154.0	4.18	145.6	3.49	142.6	3.34	136.2	3.34	129.8	3.07
		44.4	163.1	4.45	154.0	4.32	145.6	3.62	142.6	3.49	136.2	3.34	129.8	3.07
		53.3	163.1	4.52	154.0	4.40	145.6	3.68	142.6	3.56	136.2	3.34	129.8	3.07

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN144DAS4, ARWB144DAS4

144,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
80	23	14.2	58.1	5.87	54.5	5.64	51.6	5.40	51.0	5.22	50.7	4.98	49.7	4.59
		17.8	60.1	6.00	56.4	5.77	53.3	5.52	52.7	5.33	52.4	5.09	51.4	4.68
		35.5	68.0	6.52	63.7	6.26	60.3	5.98	59.7	5.78	59.4	5.52	58.2	5.07
		44.4	75.2	7.02	70.4	6.75	66.6	6.46	65.9	6.24	65.6	5.95	64.2	5.48
		53.3	78.8	7.27	73.7	6.99	69.8	6.70	69.0	6.47	68.7	6.17	67.2	5.68
	32	14.2	103.8	8.61	95.7	8.26	89.1	7.92	87.5	7.65	86.3	7.29	83.0	6.71
		17.8	104.4	8.63	96.3	8.29	89.7	7.94	88.0	7.67	86.8	7.31	83.5	6.73
		35.5	107.0	8.73	98.6	8.39	91.8	8.03	90.1	7.75	88.9	7.39	85.4	6.80
		44.4	108.5	8.73	100.1	8.39	93.3	8.03	91.5	7.75	90.3	7.39	86.8	6.80
		53.3	109.3	8.73	100.8	8.39	94.0	8.03	92.2	7.75	91.0	7.39	87.5	6.80
	41	14.2	143.6	9.36	135.5	9.01	129.6	8.60	126.7	8.32	121.3	7.93	115.3	7.30
		17.8	143.9	9.41	135.8	9.05	129.6	8.65	126.7	8.36	121.3	7.97	115.3	7.34
		35.5	145.1	9.61	136.8	9.22	129.8	8.84	126.7	8.53	121.3	8.13	115.3	7.50
		44.4	145.1	9.67	136.7	9.30	129.8	8.89	126.7	8.59	121.3	8.19	115.3	7.54
		53.3	145.1	9.70	136.6	9.33	129.8	8.92	126.7	8.62	121.3	8.22	115.3	7.56
	50	14.2	144.4	8.62	136.1	8.23	129.6	7.81	126.7	7.59	121.3	7.19	115.3	6.66
		17.8	144.5	8.61	136.2	8.22	129.6	7.81	126.7	7.60	121.3	7.19	115.3	6.66
		35.5	145.1	8.56	136.8	8.17	129.8	7.83	126.7	7.61	121.3	7.21	115.3	6.67
		44.4	145.1	8.53	136.7	8.20	129.8	7.86	126.7	7.57	121.3	7.16	115.3	6.63
		53.3	145.1	8.52	136.6	8.22	129.8	7.87	126.7	7.55	121.3	7.14	115.3	6.61
	59	14.2	145.1	7.87	136.7	7.45	129.8	6.99	126.7	6.87	121.3	6.45	115.3	6.03
		17.8	145.1	7.80	136.7	7.38	129.8	6.96	126.7	6.83	121.3	6.41	115.3	6.00
		35.5	145.1	7.52	136.7	7.11	129.8	6.83	126.7	6.69	121.3	6.27	115.3	5.85
		44.4	145.1	7.38	136.7	7.11	129.8	6.83	126.7	6.54	121.3	6.13	115.3	5.71
		53.3	145.1	7.31	136.7	7.11	129.8	6.83	126.7	6.47	121.3	6.05	115.3	5.64
	68	14.2	145.1	6.58	136.7	6.31	129.8	6.00	126.7	5.89	121.3	5.61	115.3	5.20
		17.8	145.1	6.54	136.7	6.27	129.8	6.00	126.7	5.85	121.3	5.58	115.3	5.16
		35.5	145.1	6.41	136.7	6.13	129.8	6.00	126.7	5.71	121.3	5.43	115.3	5.02
		44.4	145.1	6.27	136.7	6.00	129.8	5.85	126.7	5.71	121.3	5.29	115.3	5.02
		53.3	145.1	6.20	136.7	5.93	129.8	5.78	126.7	5.71	121.3	5.22	115.3	5.02
	77	14.2	145.1	5.89	136.7	5.47	129.8	5.16	126.7	5.05	121.3	4.78	115.3	4.49
		17.8	145.1	5.85	136.7	5.43	129.8	5.16	126.7	5.02	121.3	4.74	115.3	4.45
		35.5	145.1	5.71	136.7	5.29	129.8	5.16	126.7	4.87	121.3	4.60	115.3	4.32
		44.4	145.1	5.58	136.7	5.29	129.8	5.02	126.7	4.87	121.3	4.60	115.3	4.32
		53.3	145.1	5.51	136.7	5.29	129.8	4.94	126.7	4.87	121.3	4.60	115.3	4.32
	86	14.2	145.1	5.20	136.7	4.90	129.8	4.63	126.7	4.49	121.3	4.22	115.3	3.94
		17.8	145.1	5.16	136.7	4.87	129.8	4.60	126.7	4.45	121.3	4.18	115.3	3.91
		35.5	145.1	5.02	136.7	4.74	129.8	4.45	126.7	4.32	121.3	4.04	115.3	3.76
		44.4	145.1	5.02	136.7	4.74	129.8	4.45	126.7	4.32	121.3	4.04	115.3	3.76
		53.3	145.1	5.02	136.7	4.74	129.8	4.45	126.7	4.32	121.3	4.04	115.3	3.76
	95	14.2	145.1	4.78	136.7	4.49	129.8	4.07	126.7	3.91	121.3	3.80	115.3	3.49
		17.8	145.1	4.74	136.7	4.45	129.8	4.04	126.7	3.91	121.3	3.76	115.3	3.49
		35.5	145.1	4.60	136.7	4.32	129.8	3.91	126.7	3.91	121.3	3.62	115.3	3.49
		44.4	145.1	4.60	136.7	4.18	129.8	3.91	126.7	3.76	121.3	3.62	115.3	3.34
		53.3	145.1	4.60	136.7	4.11	129.8	3.91	126.7	3.69	121.3	3.62	115.3	3.27
	104	14.2	145.1	4.52	136.7	4.07	129.8	3.62	126.7	3.65	121.3	3.34	115.3	3.23
		17.8	145.1	4.45	136.7	4.04	129.8	3.62	126.7	3.62	121.3	3.34	115.3	3.20
		35.5	145.1	4.18	136.7	3.91	129.8	3.62	126.7	3.49	121.3	3.34	115.3	3.07
		44.4	145.1	4.18	136.7	3.91	129.8	3.49	126.7	3.49	121.3	3.34	115.3	3.07
		53.3	145.1	4.18	136.7	3.91	129.8	3.42	126.7	3.49	121.3	3.34	115.3	3.07
	113	14.2	145.1	4.29	136.7	3.65	129.8	3.16	126.7	3.41	121.3	2.89	115.3	3.00
		17.8	145.1	4.18	136.7	3.62	129.8	3.20	126.7	3.34	121.3	2.93	115.3	2.93
		35.5	145.1	3.76	136.7	3.49	129.8	3.34	126.7	3.07	121.3	3.07	115.3	2.65
		44.4	145.1	3.76	136.7	3.62	129.8	3.07	126.7	3.20	121.3	3.07	115.3	2.78
		53.3	145.1	3.76	136.7	3.68	129.8	2.93	126.7	3.27	121.3	3.07	115.3	2.85

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN144DAS4, ARWB144DAS4

144,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
70	23	14.2	50.7	5.04	47.6	4.80	45.0	4.64	44.6	4.37	44.3	4.22	43.6	3.84
		17.8	52.4	5.15	49.3	4.90	46.6	4.74	46.1	4.47	45.8	4.31	45.1	3.92
		35.5	59.4	5.58	55.8	5.32	52.6	5.15	52.1	4.84	51.8	4.67	50.9	4.25
		44.4	65.7	6.02	61.6	5.74	58.2	5.55	57.7	5.22	57.3	5.04	56.2	4.58
		53.3	68.9	6.25	64.6	5.95	61.0	5.75	60.5	5.41	60.0	5.23	58.9	4.75
	32	14.2	90.8	7.37	83.9	7.03	77.9	6.80	76.5	6.40	75.3	6.18	72.7	5.62
		17.8	91.3	7.39	84.4	7.05	78.4	6.82	77.0	6.41	75.8	6.20	73.1	5.64
		35.5	93.4	7.48	86.3	7.12	80.2	6.90	78.8	6.49	77.6	6.27	74.7	5.69
		44.4	94.8	7.48	87.7	7.12	81.4	6.90	80.0	6.49	78.8	6.27	76.0	5.69
		53.3	95.5	7.48	88.4	7.12	82.0	6.90	80.6	6.49	79.4	6.27	76.6	5.69
	41	14.2	125.4	8.03	118.8	7.64	113.1	7.40	110.8	6.97	105.8	6.72	100.8	6.11
		17.8	125.7	8.07	119.1	7.68	113.2	7.44	110.8	7.01	105.8	6.76	100.8	6.14
		35.5	126.7	8.23	120.0	7.84	113.3	7.60	110.8	7.13	105.8	6.90	100.8	6.27
		44.4	126.7	8.29	119.8	7.90	113.3	7.65	110.8	7.19	105.8	6.95	100.8	6.31
		53.3	126.7	8.32	119.7	7.93	113.3	7.68	110.8	7.22	105.8	6.97	100.8	6.34
	50	14.2	126.0	7.39	119.2	6.99	113.3	6.73	110.8	6.36	105.8	6.10	100.8	5.58
		17.8	126.1	7.38	119.4	6.98	113.3	6.72	110.8	6.36	105.8	6.10	100.8	5.58
		35.5	126.7	7.32	119.8	6.92	113.3	6.66	110.8	6.36	105.8	6.10	100.8	5.58
		44.4	126.7	7.35	119.8	6.95	113.3	6.69	110.8	6.39	105.8	6.05	100.8	5.59
		53.3	126.7	7.37	119.8	6.96	113.3	6.70	110.8	6.40	105.8	6.03	100.8	5.60
	59	14.2	126.7	6.76	119.8	6.34	113.3	6.07	110.8	5.74	105.8	5.47	100.8	5.05
		17.8	126.7	6.69	119.8	6.27	113.3	6.00	110.8	5.71	105.8	5.43	100.8	5.02
		35.5	126.7	6.41	119.8	6.00	113.3	5.71	110.8	5.58	105.8	5.29	100.8	4.87
		44.4	126.7	6.41	119.8	6.00	113.3	5.71	110.8	5.58	105.8	5.16	100.8	4.87
		53.3	126.7	6.41	119.8	6.00	113.3	5.71	110.8	5.58	105.8	5.09	100.8	4.87
	68	14.2	126.7	5.61	119.8	5.32	113.3	5.20	110.8	5.05	105.8	4.78	100.8	4.49
		17.8	126.7	5.58	119.8	5.29	113.3	5.16	110.8	5.02	105.8	4.74	100.8	4.45
		35.5	126.7	5.43	119.8	5.16	113.3	5.02	110.8	4.87	105.8	4.60	100.8	4.32
		44.4	126.7	5.43	119.8	5.16	113.3	5.02	110.8	4.74	105.8	4.60	100.8	4.18
		53.3	126.7	5.43	119.8	5.16	113.3	5.02	110.8	4.68	105.8	4.60	100.8	4.11
	77	14.2	126.7	5.05	119.8	4.78	113.3	4.49	110.8	4.36	105.8	4.04	100.8	3.76
		17.8	126.7	5.02	119.8	4.74	113.3	4.45	110.8	4.32	105.8	4.04	100.8	3.76
		35.5	126.7	4.87	119.8	4.60	113.3	4.32	110.8	4.18	105.8	4.04	100.8	3.76
		44.4	126.7	4.74	119.8	4.45	113.3	4.32	110.8	4.18	105.8	3.91	100.8	3.76
		53.3	126.7	4.68	119.8	4.38	113.3	4.32	110.8	4.18	105.8	3.84	100.8	3.76
	86	14.2	126.7	4.49	119.8	4.22	113.3	3.94	110.8	3.76	105.8	3.65	100.8	3.34
		17.8	126.7	4.45	119.8	4.18	113.3	3.91	110.8	3.76	105.8	3.62	100.8	3.34
		35.5	126.7	4.32	119.8	4.04	113.3	3.76	110.8	3.76	105.8	3.49	100.8	3.34
		44.4	126.7	4.32	119.8	4.04	113.3	3.76	110.8	3.62	105.8	3.49	100.8	3.34
		53.3	126.7	4.32	119.8	4.04	113.3	3.76	110.8	3.55	105.8	3.49	100.8	3.34
	95	14.2	126.7	4.07	119.8	3.80	113.3	3.49	110.8	3.52	105.8	3.20	100.8	3.11
		17.8	126.7	4.04	119.8	3.76	113.3	3.49	110.8	3.49	105.8	3.20	100.8	3.07
		35.5	126.7	3.91	119.8	3.62	113.3	3.49	110.8	3.34	105.8	3.20	100.8	2.93
		44.4	126.7	3.91	119.8	3.62	113.3	3.34	110.8	3.34	105.8	3.20	100.8	2.93
		53.3	126.7	3.91	119.8	3.62	113.3	3.27	110.8	3.34	105.8	3.20	100.8	2.93
	104	14.2	126.7	3.80	119.8	3.52	113.3	3.23	110.8	3.07	105.8	2.93	100.8	2.81
		17.8	126.7	3.76	119.8	3.49	113.3	3.20	110.8	3.07	105.8	2.93	100.8	2.78
		35.5	126.7	3.62	119.8	3.34	113.3	3.07	110.8	3.07	105.8	2.93	100.8	2.65
		44.4	126.7	3.62	119.8	3.34	113.3	3.07	110.8	2.93	105.8	2.78	100.8	2.65
		53.3	126.7	3.62	119.8	3.34	113.3	3.07	110.8	2.85	105.8	2.71	100.8	2.65
	113	14.2	126.7	3.52	119.8	3.23	113.3	3.00	110.8	2.62	105.8	2.65	100.8	2.54
		17.8	126.7	3.49	119.8	3.20	113.3	2.93	110.8	2.65	105.8	2.65	100.8	2.51
		35.5	126.7	3.34	119.8	3.07	113.3	2.65	110.8	2.78	105.8	2.65	100.8	2.36
		44.4	126.7	3.34	119.8	3.07	113.3	2.78	110.8	2.51	105.8	2.36	100.8	2.36
		53.3	126.7	3.34	119.8	3.07	113.3	2.85	110.8	2.37	105.8	2.22	100.8	2.36

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN144DAS4, ARWB144DAS4

144,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
60	23	14.2	43.5	4.09	40.8	3.93	38.6	3.78	38.2	3.51	38.0	3.45	37.3	3.09
		17.8	45.1	4.18	42.2	4.02	39.9	3.86	39.5	3.59	39.3	3.53	38.6	3.16
		35.5	51.1	4.54	47.8	4.37	45.2	4.19	44.8	3.89	44.6	3.83	43.7	3.43
		44.4	56.4	4.89	52.7	4.71	50.0	4.53	49.4	4.21	49.3	4.14	48.2	3.69
		53.3	59.0	5.06	55.3	4.89	52.5	4.69	51.8	4.37	51.6	4.29	50.5	3.82
	32	14.2	77.9	5.99	71.8	5.78	66.9	5.53	65.6	5.15	64.7	5.07	62.3	4.53
		17.8	78.4	6.01	72.2	5.79	67.4	5.55	66.0	5.16	65.1	5.09	62.7	4.54
		35.5	80.2	6.08	73.8	5.85	69.0	5.62	67.5	5.22	66.6	5.15	64.0	4.58
		44.4	81.4	6.08	75.0	5.85	70.1	5.62	68.6	5.22	67.7	5.15	65.1	4.58
		53.3	82.0	6.08	75.7	5.85	70.6	5.62	69.1	5.22	68.2	5.15	65.6	4.58
	41	14.2	107.7	6.53	101.5	6.28	97.4	6.02	94.9	5.61	90.9	5.52	86.5	4.92
		17.8	107.9	6.56	101.7	6.31	97.4	6.05	94.9	5.64	90.9	5.55	86.5	4.94
		35.5	108.8	6.69	102.5	6.44	97.4	6.18	94.9	5.75	90.9	5.66	86.5	5.04
		44.4	108.8	6.75	102.3	6.49	97.4	6.23	94.9	5.79	90.9	5.69	86.5	5.09
		53.3	108.8	6.77	102.2	6.51	97.4	6.25	94.9	5.82	90.9	5.71	86.5	5.11
	50	14.2	108.2	6.00	101.9	5.74	97.4	5.46	94.9	5.10	90.9	5.01	86.5	4.49
		17.8	108.4	6.00	102.0	5.74	97.4	5.46	94.9	5.12	90.9	5.00	86.5	4.50
		35.5	108.8	6.00	102.5	5.74	97.4	5.46	94.9	5.17	90.9	4.99	86.5	4.54
		44.4	108.8	6.01	102.3	5.68	97.4	5.41	94.9	5.12	90.9	4.94	86.5	4.50
		53.3	108.8	6.02	102.2	5.65	97.4	5.38	94.9	5.09	90.9	4.92	86.5	4.48
	59	14.2	108.8	5.47	102.3	5.20	97.4	4.90	94.9	4.60	90.9	4.49	86.5	4.04
		17.8	108.8	5.43	102.3	5.16	97.4	4.87	94.9	4.60	90.9	4.45	86.5	4.04
		35.5	108.8	5.29	102.3	5.02	97.4	4.74	94.9	4.60	90.9	4.32	86.5	4.04
		44.4	108.8	5.29	102.3	4.87	97.4	4.60	94.9	4.45	90.9	4.18	86.5	3.91
		53.3	108.8	5.29	102.3	4.80	97.4	4.53	94.9	4.38	90.9	4.11	86.5	3.84
	68	14.2	108.8	4.78	102.3	4.49	97.4	4.22	94.9	4.07	90.9	3.94	86.5	3.65
		17.8	108.8	4.74	102.3	4.45	97.4	4.18	94.9	4.04	90.9	3.91	86.5	3.62
		35.5	108.8	4.60	102.3	4.32	97.4	4.04	94.9	3.91	90.9	3.76	86.5	3.49
		44.4	108.8	4.60	102.3	4.32	97.4	4.04	94.9	3.91	90.9	3.76	86.5	3.49
		53.3	108.8	4.60	102.3	4.32	97.4	4.04	94.9	3.91	90.9	3.76	86.5	3.49
	77	14.2	108.8	4.22	102.3	3.94	97.4	3.62	94.9	3.65	90.9	3.34	86.5	3.23
		17.8	108.8	4.18	102.3	3.91	97.4	3.62	94.9	3.62	90.9	3.34	86.5	3.20
		35.5	108.8	4.04	102.3	3.76	97.4	3.62	94.9	3.49	90.9	3.34	86.5	3.07
		44.4	108.8	4.04	102.3	3.76	97.4	3.49	94.9	3.49	90.9	3.34	86.5	3.07
		53.3	108.8	4.04	102.3	3.76	97.4	3.42	94.9	3.49	90.9	3.34	86.5	3.07
	86	14.2	108.8	3.80	102.3	3.52	97.4	3.38	94.9	3.23	90.9	3.11	86.5	2.96
		17.8	108.8	3.76	102.3	3.49	97.4	3.34	94.9	3.20	90.9	3.07	86.5	2.93
		35.5	108.8	3.62	102.3	3.34	97.4	3.20	94.9	3.07	90.9	2.93	86.5	2.78
		44.4	108.8	3.62	102.3	3.34	97.4	3.20	94.9	3.07	90.9	2.93	86.5	2.78
		53.3	108.8	3.62	102.3	3.34	97.4	3.20	94.9	3.07	90.9	2.93	86.5	2.78
	95	14.2	108.8	3.34	102.3	3.23	97.4	2.93	94.9	2.96	90.9	2.81	86.5	2.69
		17.8	108.8	3.34	102.3	3.20	97.4	2.93	94.9	2.93	90.9	2.78	86.5	2.65
		35.5	108.8	3.34	102.3	3.07	97.4	2.93	94.9	2.78	90.9	2.65	86.5	2.51
		44.4	108.8	3.34	102.3	3.07	97.4	2.78	94.9	2.78	90.9	2.65	86.5	2.51
		53.3	108.8	3.34	102.3	3.07	97.4	2.71	94.9	2.78	90.9	2.65	86.5	2.51
	104	14.2	108.8	3.07	102.3	2.96	97.4	2.65	94.9	2.69	90.9	2.54	86.5	2.36
		17.8	108.8	3.07	102.3	2.93	97.4	2.65	94.9	2.65	90.9	2.51	86.5	2.36
		35.5	108.8	3.07	102.3	2.78	97.4	2.65	94.9	2.51	90.9	2.36	86.5	2.36
		44.4	108.8	3.07	102.3	2.78	97.4	2.65	94.9	2.51	90.9	2.36	86.5	2.36
		53.3	108.8	3.07	102.3	2.78	97.4	2.65	94.9	2.51	90.9	2.36	86.5	2.36
	113	14.2	108.8	2.78	102.3	2.69	97.4	2.36	94.9	2.40	90.9	2.27	86.5	2.05
		17.8	108.8	2.78	102.3	2.65	97.4	2.36	94.9	2.36	90.9	2.23	86.5	2.09
		35.5	108.8	2.78	102.3	2.51	97.4	2.36	94.9	2.23	90.9	2.09	86.5	2.23
		44.4	108.8	2.78	102.3	2.51	97.4	2.51	94.9	2.23	90.9	2.09	86.5	2.23
		53.3	108.8	2.78	102.3	2.51	97.4	2.58	94.9	2.23	90.9	2.09	86.5	2.23

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN144DAS4, ARWB144DAS4

144,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
50	23	14.2	36.3	3.26	34.1	3.09	32.2	2.92	31.7	2.76	31.6	2.59	31.0	2.46
		17.8	37.5	3.33	35.3	3.16	33.3	2.98	32.9	2.83	32.7	2.65	32.1	2.51
		35.5	42.3	3.60	39.8	3.43	37.7	3.23	37.2	3.07	37.1	2.88	36.3	2.71
		44.4	46.9	3.89	44.0	3.69	41.6	3.49	41.1	3.32	40.8	3.10	40.2	2.93
		53.3	49.1	4.04	46.1	3.82	43.6	3.62	43.1	3.44	42.7	3.21	42.2	3.03
	32	14.2	64.7	4.77	59.9	4.53	55.7	4.27	54.5	4.05	53.8	3.81	51.8	3.59
		17.8	65.1	4.79	60.3	4.54	56.1	4.28	54.9	4.06	54.1	3.82	52.1	3.60
		35.5	66.6	4.83	61.6	4.58	57.4	4.34	56.2	4.12	55.5	3.86	53.3	3.65
		44.4	67.7	4.83	62.5	4.58	58.2	4.34	57.1	4.12	56.2	3.86	54.3	3.65
		53.3	68.2	4.83	63.0	4.58	58.5	4.34	57.6	4.12	56.6	3.86	54.7	3.65
	41	14.2	89.5	5.19	84.8	4.92	80.9	4.64	79.0	4.42	75.5	4.15	72.0	3.90
		17.8	89.7	5.22	85.0	4.94	80.9	4.67	79.0	4.44	75.5	4.17	72.0	3.92
		35.5	90.4	5.32	85.6	5.04	81.1	4.77	79.0	4.53	75.5	4.24	72.0	4.01
		44.4	90.4	5.36	85.4	5.09	81.1	4.80	79.0	4.55	75.5	4.28	72.0	4.04
		53.3	90.4	5.38	85.4	5.11	81.1	4.81	79.0	4.57	75.5	4.30	72.0	4.05
	50	14.2	90.0	4.78	85.0	4.50	80.9	4.23	79.0	4.04	75.5	3.74	72.0	3.57
		17.8	90.1	4.77	85.1	4.50	80.9	4.22	79.0	4.04	75.5	3.75	72.0	3.56
		35.5	90.4	4.74	85.6	4.48	81.1	4.19	79.0	4.01	75.5	3.79	72.0	3.53
		44.4	90.4	4.77	85.4	4.50	81.1	4.21	79.0	4.02	75.5	3.73	72.0	3.55
		53.3	90.4	4.79	85.4	4.50	81.1	4.22	79.0	4.03	75.5	3.70	72.0	3.55
	59	14.2	90.4	4.36	85.4	4.07	81.1	3.80	79.0	3.65	75.5	3.34	72.0	3.23
		17.8	90.4	4.32	85.4	4.04	81.1	3.76	79.0	3.62	75.5	3.34	72.0	3.20
		35.5	90.4	4.18	85.4	3.91	81.1	3.62	79.0	3.49	75.5	3.34	72.0	3.07
		44.4	90.4	4.18	85.4	3.91	81.1	3.62	79.0	3.49	75.5	3.20	72.0	3.07
		53.3	90.4	4.18	85.4	3.91	81.1	3.62	79.0	3.49	75.5	3.13	72.0	3.07
	68	14.2	90.4	3.80	85.4	3.52	81.1	3.38	79.0	3.23	75.5	3.11	72.0	2.78
		17.8	90.4	3.76	85.4	3.49	81.1	3.34	79.0	3.20	75.5	3.07	72.0	2.78
		35.5	90.4	3.62	85.4	3.34	81.1	3.20	79.0	3.07	75.5	2.93	72.0	2.78
		44.4	90.4	3.62	85.4	3.34	81.1	3.20	79.0	3.07	75.5	2.93	72.0	2.78
		53.3	90.4	3.62	85.4	3.34	81.1	3.20	79.0	3.07	75.5	2.93	72.0	2.78
	77	14.2	90.4	3.38	85.4	3.07	81.1	2.96	79.0	2.78	75.5	2.65	72.0	2.51
		17.8	90.4	3.34	85.4	3.07	81.1	2.93	79.0	2.78	75.5	2.65	72.0	2.51
		35.5	90.4	3.20	85.4	3.07	81.1	2.78	79.0	2.78	75.5	2.65	72.0	2.51
		44.4	90.4	3.20	85.4	3.07	81.1	2.78	79.0	2.78	75.5	2.65	72.0	2.51
		53.3	90.4	3.20	85.4	3.07	81.1	2.78	79.0	2.78	75.5	2.65	72.0	2.51
	86	14.2	90.4	3.11	85.4	2.81	81.1	2.69	79.0	2.51	75.5	2.54	72.0	2.40
		17.8	90.4	3.07	85.4	2.78	81.1	2.65	79.0	2.51	75.5	2.51	72.0	2.36
		35.5	90.4	2.93	85.4	2.65	81.1	2.51	79.0	2.51	75.5	2.36	72.0	2.23
		44.4	90.4	2.93	85.4	2.65	81.1	2.51	79.0	2.51	75.5	2.36	72.0	2.23
		53.3	90.4	2.93	85.4	2.65	81.1	2.51	79.0	2.51	75.5	2.36	72.0	2.23
	95	14.2	90.4	2.81	85.4	2.51	81.1	2.36	79.0	2.40	75.5	2.23	72.0	2.09
		17.8	90.4	2.78	85.4	2.51	81.1	2.36	79.0	2.36	75.5	2.23	72.0	2.09
		35.5	90.4	2.65	85.4	2.51	81.1	2.36	79.0	2.23	75.5	2.23	72.0	2.09
		44.4	90.4	2.65	85.4	2.51	81.1	2.36	79.0	2.23	75.5	2.23	72.0	2.09
		53.3	90.4	2.65	85.4	2.51	81.1	2.36	79.0	2.23	75.5	2.23	72.0	2.09
	104	14.2	90.4	2.54	85.4	2.40	81.1	2.27	79.0	2.09	75.5	2.13	72.0	1.95
		17.8	90.4	2.51	85.4	2.36	81.1	2.23	79.0	2.09	75.5	2.09	72.0	1.95
		35.5	90.4	2.36	85.4	2.23	81.1	2.09	79.0	2.09	75.5	1.95	72.0	1.95
		44.4	90.4	2.36	85.4	2.23	81.1	2.09	79.0	2.09	75.5	1.95	72.0	1.95
		53.3	90.4	2.36	85.4	2.23	81.1	2.09	79.0	2.09	75.5	1.95	72.0	1.95
	113	14.2	90.4	2.27	85.4	2.31	81.1	2.16	79.0	1.78	75.5	2.02	72.0	1.82
		17.8	90.4	2.23	85.4	2.23	81.1	2.09	79.0	1.82	75.5	1.95	72.0	1.82
		35.5	90.4	2.09	85.4	1.95	81.1	1.82	79.0	1.95	75.5	1.67	72.0	1.82
		44.4	90.4	2.09	85.4	1.95	81.1	1.82	79.0	1.95	75.5	1.67	72.0	1.82
		53.3	90.4	2.09	85.4	1.95	81.1	1.82	79.0	1.95	75.5	1.67	72.0	1.82

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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MULTI V WATER IV

HEATING CAPACITY DATA

ARWN192DAS4, ARWB192DAS4

192,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
130	23	20.3	102.2	12.27	101.4	11.56	100.8	10.76	99.5	10.44	100.6	10.17	97.9	9.12
		25.4	105.7	12.49	104.9	11.78	104.3	10.99	102.9	10.67	104.1	10.39	101.3	9.32
		50.7	119.6	13.34	118.5	12.67	117.9	11.92	116.3	11.58	117.7	11.26	114.7	10.10
		63.4	132.2	14.19	131.0	13.54	130.2	12.85	128.6	12.51	130.2	12.14	126.8	10.89
		76.1	138.6	14.61	137.3	13.98	136.4	13.32	134.8	12.98	136.5	12.59	132.9	11.29
	32	20.3	182.5	16.79	178.4	16.29	174.6	15.76	170.8	15.31	171.4	14.89	163.5	13.34
		25.4	183.7	16.83	179.4	16.33	175.6	15.80	171.8	15.36	172.4	14.93	164.6	13.38
		50.7	188.1	17.01	183.4	16.49	179.6	15.98	175.8	15.54	176.4	15.09	168.6	13.54
		63.4	190.9	17.01	186.3	16.49	182.4	15.98	178.4	15.54	179.0	15.09	171.0	13.54
		76.1	192.3	17.01	187.7	16.49	183.9	15.98	179.7	15.54	180.3	15.09	172.2	13.54
	41	20.3	262.9	18.04	258.9	17.60	253.5	17.15	247.1	16.66	240.5	16.21	227.3	14.51
		25.4	263.8	18.13	259.4	17.68	253.6	17.24	247.1	16.75	240.5	16.29	227.3	14.59
		50.7	267.4	18.45	261.2	18.00	253.8	17.58	247.1	17.10	240.5	16.61	227.3	14.89
		63.4	269.0	18.57	262.0	18.13	253.8	17.70	247.1	17.22	240.5	16.73	227.3	14.99
		76.1	269.9	18.63	262.4	18.19	253.8	17.76	247.1	17.28	240.5	16.79	227.3	15.04
	50	20.3	263.3	16.42	259.0	15.87	252.8	15.57	246.1	15.22	239.6	14.70	226.3	13.27
		25.4	264.8	16.39	260.2	15.88	253.8	15.60	247.1	15.22	240.5	14.69	227.3	13.26
		50.7	271.1	16.27	265.0	15.94	257.8	15.72	251.2	15.20	244.1	14.65	230.9	13.22
		63.4	272.5	16.49	266.8	16.17	259.4	15.78	252.4	15.26	245.7	14.89	232.3	13.84
		76.1	273.2	16.60	267.7	16.28	260.2	15.81	253.0	15.29	246.5	15.01	233.0	14.16
	59	20.3	263.6	14.80	259.0	14.17	251.7	14.01	245.1	13.78	238.7	13.20	225.4	12.02
		25.4	265.8	14.65	261.0	14.10	253.8	13.98	247.1	13.68	240.5	13.09	227.3	11.92
		50.7	274.5	14.06	268.8	13.86	261.8	13.86	255.2	13.28	247.7	12.69	234.5	11.52
		63.4	275.9	14.41	271.5	14.19	265.0	13.86	257.8	13.28	251.2	13.05	237.3	12.69
		76.1	276.6	14.58	272.8	14.35	266.6	13.86	259.1	13.28	252.9	13.24	238.7	13.28
	68	20.3	273.7	13.57	268.7	12.94	261.6	12.66	254.4	12.25	247.0	11.98	232.3	11.61
		25.4	275.9	13.48	270.9	12.93	263.6	12.65	256.4	12.31	249.2	12.06	234.5	11.52
		50.7	284.5	13.09	279.5	12.89	271.7	12.61	264.4	12.51	257.8	12.39	243.1	11.13
		63.4	285.7	13.09	281.5	12.89	274.9	12.69	267.0	12.51	259.8	12.39	245.1	11.84
		76.1	286.3	13.09	282.5	12.89	276.5	12.73	268.4	12.51	260.8	12.39	246.1	12.20
	77	20.3	288.9	12.94	281.5	12.57	274.9	12.36	269.6	12.15	263.6	11.97	248.6	11.19
		25.4	288.9	12.89	281.5	12.55	274.9	12.31	269.6	12.10	263.6	11.92	248.6	11.13
		50.7	288.9	12.69	281.5	12.47	274.9	12.10	269.6	11.92	263.6	11.72	248.6	10.93
		63.4	288.9	12.51	281.5	12.14	274.9	11.92	269.6	11.72	263.6	11.52	248.6	10.75
		76.1	288.9	12.42	281.5	11.98	274.9	11.83	269.6	11.62	263.6	11.42	248.6	10.66
	86	20.3	288.9	12.61	281.5	11.98	274.9	11.87	269.6	11.56	263.6	11.44	248.6	10.64
		25.4	288.9	12.51	281.5	11.96	274.9	11.80	269.6	11.52	263.6	11.34	248.6	10.55
		50.7	288.9	12.10	281.5	11.88	274.9	11.52	269.6	11.34	263.6	10.93	248.6	10.16
		63.4	288.9	11.92	281.5	11.56	274.9	11.34	269.6	11.13	263.6	10.93	248.6	10.16
		76.1	288.9	11.83	281.5	11.40	274.9	11.24	269.6	11.03	263.6	10.93	248.6	10.16
	95	20.3	288.9	12.02	281.5	11.62	274.9	11.39	269.6	10.98	263.6	10.60	248.6	9.86
		25.4	288.9	11.92	281.5	11.56	274.9	11.34	269.6	10.93	263.6	10.55	248.6	9.76
		50.7	288.9	11.52	281.5	11.30	274.9	11.13	269.6	10.75	263.6	10.35	248.6	9.38
		63.4	288.9	11.52	281.5	11.17	274.9	10.93	269.6	10.55	263.6	10.16	248.6	9.38
		76.1	288.9	11.52	281.5	11.11	274.9	10.83	269.6	10.45	263.6	10.07	248.6	9.38
	104	20.3	288.9	11.61	281.5	11.25	274.9	11.03	269.6	10.64	263.6	10.27	248.6	9.27
		25.4	288.9	11.52	281.5	11.17	274.9	10.93	269.6	10.55	263.6	10.16	248.6	9.17
		50.7	288.9	11.13	281.5	10.89	274.9	10.55	269.6	10.16	263.6	9.76	248.6	8.79
		63.4	288.9	10.93	281.5	10.71	274.9	10.55	269.6	10.16	263.6	9.76	248.6	8.79
		76.1	288.9	10.83	281.5	10.62	274.9	10.55	269.6	10.16	263.6	9.76	248.6	8.79
	113	20.3	288.9	11.23	281.5	10.86	274.9	10.70	269.6	10.31	263.6	9.91	248.6	8.68
		25.4	288.9	11.13	281.5	10.79	274.9	10.55	269.6	10.16	263.6	9.76	248.6	8.59
		50.7	288.9	10.75	281.5	10.51	274.9	9.96	269.6	9.58	263.6	9.17	248.6	8.20
		63.4	288.9	10.35	281.5	10.24	274.9	10.16	269.6	9.76	263.6	9.38	248.6	8.20
		76.1	288.9	10.14	281.5	10.11	274.9	10.27	269.6	9.85	263.6	9.48	248.6	8.20

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN192DAS4, ARWB192DAS4

192,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
120	23	20.3	97.1	12.27	96.4	11.56	95.8	10.76	94.6	10.30	95.4	10.01	92.8	8.95
		25.4	100.5	12.49	99.7	11.78	99.1	10.99	97.9	10.53	98.7	10.22	96.0	9.15
		50.7	113.7	13.34	112.7	12.67	112.1	11.92	110.7	11.42	111.7	11.09	108.7	9.94
		63.4	125.6	14.19	124.6	13.54	123.8	12.85	122.4	12.33	123.4	11.96	120.0	10.71
		76.1	131.6	14.61	130.6	13.98	129.6	13.32	128.2	12.78	129.2	12.40	125.6	11.10
	32	20.3	173.6	16.79	169.4	16.29	165.8	15.76	162.4	15.09	162.4	14.67	155.0	13.11
		25.4	174.6	16.83	170.4	16.33	166.8	15.80	163.4	15.13	163.4	14.71	155.9	13.15
		50.7	178.6	17.01	174.4	16.49	170.8	15.98	167.2	15.32	167.2	14.87	159.7	13.32
		63.4	181.4	17.01	177.2	16.49	173.4	15.98	169.8	15.32	169.6	14.87	162.2	13.32
		76.1	182.9	17.01	178.6	16.49	174.7	15.98	171.1	15.32	170.8	14.87	163.4	13.32
	41	20.3	250.2	18.04	246.5	17.60	241.1	17.15	235.3	16.42	227.9	15.96	215.4	14.30
		25.4	251.2	18.13	246.9	17.68	241.1	17.24	235.3	16.51	227.9	16.04	215.4	14.37
		50.7	254.8	18.45	248.8	18.00	241.1	17.58	235.3	16.85	227.9	16.37	215.4	14.65
		63.4	256.2	18.57	247.3	18.13	241.1	17.70	235.3	16.97	227.9	16.49	215.4	14.75
		76.1	256.9	18.63	246.6	18.19	241.1	17.76	235.3	17.03	227.9	16.55	215.4	14.80
	50	20.3	251.2	16.21	246.5	15.76	240.5	15.44	234.6	14.97	227.2	14.48	214.8	13.02
		25.4	252.4	16.27	247.5	15.82	241.1	15.50	235.3	14.99	227.9	14.47	215.4	13.03
		50.7	257.0	16.49	251.6	16.06	243.7	15.72	237.9	15.07	230.3	14.43	217.6	13.09
		63.4	258.4	16.43	250.8	16.06	244.7	15.78	238.9	15.13	231.3	14.49	218.6	13.54
		76.1	259.1	16.40	250.4	16.06	245.2	15.81	239.4	15.17	231.8	14.52	219.1	13.76
	59	20.3	251.9	14.38	246.8	13.95	239.7	13.74	234.0	13.53	226.7	12.99	214.2	11.77
		25.4	253.4	14.41	248.3	13.98	241.1	13.76	235.3	13.48	227.9	12.89	215.4	11.72
		50.7	259.2	14.53	254.4	14.10	246.5	13.86	240.5	13.28	232.5	12.51	220.0	11.52
		63.4	260.6	14.31	254.2	13.98	248.6	13.86	242.5	13.28	234.5	12.51	222.0	12.31
		76.1	261.3	14.19	254.1	13.92	249.6	13.86	243.5	13.28	235.5	12.51	223.0	12.70
	68	20.3	258.9	12.93	254.1	12.38	246.4	12.05	239.6	11.88	231.8	11.73	219.3	11.13
		25.4	260.6	12.93	255.6	12.43	247.7	12.10	241.1	11.92	233.3	11.72	220.6	11.09
		50.7	267.2	12.93	261.6	12.61	253.2	12.31	247.1	12.10	239.1	11.68	225.8	10.93
		63.4	268.4	12.81	261.4	12.51	255.2	12.31	248.6	12.10	240.5	11.72	227.3	11.34
		76.1	269.1	12.75	261.3	12.46	256.2	12.31	249.3	12.10	241.2	11.74	228.0	11.54
	77	20.3	271.5	12.23	263.6	11.66	255.2	11.44	249.8	11.19	243.1	10.98	229.9	10.22
		25.4	271.7	12.18	263.6	11.64	255.2	11.42	249.8	11.13	243.1	10.93	229.9	10.16
		50.7	272.3	12.00	263.6	11.56	255.2	11.34	249.8	10.93	243.1	10.75	229.9	9.96
		63.4	273.1	11.56	263.6	11.26	255.2	11.13	249.8	10.93	243.1	10.55	229.9	9.96
		76.1	273.5	11.33	263.6	11.10	255.2	11.03	249.8	10.93	243.1	10.45	229.9	9.96
	86	20.3	273.1	11.70	263.6	11.12	255.2	10.80	249.8	10.39	243.1	10.27	229.9	9.43
		25.4	273.1	11.60	263.6	11.05	255.2	10.75	249.8	10.35	243.1	10.16	229.9	9.38
		50.7	273.1	11.21	263.6	10.79	255.2	10.55	249.8	10.16	243.1	9.76	229.9	9.17
		63.4	273.1	10.85	263.6	10.55	255.2	10.35	249.8	10.16	243.1	9.76	229.9	8.99
		76.1	273.1	10.67	263.6	10.43	255.2	10.24	249.8	10.16	243.1	9.76	229.9	8.90
	95	20.3	273.1	11.17	263.6	10.56	255.2	10.27	249.8	9.86	243.1	9.47	229.9	8.63
		25.4	273.1	11.01	263.6	10.47	255.2	10.16	249.8	9.76	243.1	9.38	229.9	8.59
		50.7	273.1	10.39	263.6	10.08	255.2	9.76	249.8	9.38	243.1	8.99	229.9	8.41
		63.4	273.1	10.27	263.6	10.00	255.2	9.76	249.8	9.38	243.1	8.99	229.9	8.20
		76.1	273.1	10.20	263.6	9.96	255.2	9.76	249.8	9.38	243.1	8.99	229.9	8.10
	104	20.3	273.1	10.84	263.6	10.08	255.2	9.68	249.8	9.27	243.1	8.89	229.9	8.05
		25.4	273.1	10.63	263.6	9.96	255.2	9.58	249.8	9.17	243.1	8.79	229.9	8.00
		50.7	273.1	9.80	263.6	9.50	255.2	9.17	249.8	8.79	243.1	8.41	229.9	7.82
		63.4	273.1	9.68	263.6	9.38	255.2	9.17	249.8	8.79	243.1	8.41	229.9	7.62
		76.1	273.1	9.62	263.6	9.31	255.2	9.17	249.8	8.79	243.1	8.41	229.9	7.52
	113	20.3	273.1	10.51	263.6	9.59	255.2	9.09	249.8	8.68	243.1	8.30	229.9	7.46
		25.4	273.1	10.24	263.6	9.46	255.2	8.99	249.8	8.59	243.1	8.20	229.9	7.42
		50.7	273.1	9.21	263.6	8.91	255.2	8.59	249.8	8.20	243.1	7.82	229.9	7.23
		63.4	273.1	9.09	263.6	8.75	255.2	8.59	249.8	8.20	243.1	7.82	229.9	7.03
		76.1	273.1	9.03	263.6	8.67	255.2	8.59	249.8	8.20	243.1	7.82	229.9	6.93

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN192DAS4, ARWB192DAS4

192,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
110	23	20.3	91.9	12.44	91.3	11.56	90.7	10.76	89.7	10.30	90.0	10.01	88.0	8.95
		25.4	95.0	12.65	94.4	11.78	93.8	10.99	92.8	10.53	93.0	10.22	91.0	9.15
		50.7	107.5	13.50	106.9	12.67	106.3	11.92	105.1	11.42	105.1	11.09	103.1	9.94
		63.4	118.7	14.37	117.9	13.54	117.3	12.85	116.1	12.33	116.1	11.96	113.7	10.71
		76.1	124.4	14.80	123.5	13.98	122.9	13.32	121.7	12.78	121.7	12.40	119.1	11.10
	32	20.3	164.2	17.01	160.6	16.29	157.2	15.76	154.2	15.09	152.8	14.67	147.0	13.11
		25.4	165.2	17.05	161.5	16.33	158.1	15.80	155.1	15.13	153.7	14.71	147.9	13.15
		50.7	169.0	17.22	165.4	16.49	161.7	15.98	158.7	15.32	157.3	14.87	151.3	13.32
		63.4	171.6	17.22	168.0	16.49	164.4	15.98	161.1	15.32	159.7	14.87	153.5	13.32
		76.1	172.9	17.22	169.3	16.49	165.7	15.98	162.4	15.32	161.0	14.87	154.6	13.32
	41	20.3	239.5	18.29	233.8	17.60	228.4	17.15	223.2	16.42	214.6	15.96	204.1	14.30
		25.4	240.3	18.37	234.3	17.68	228.5	17.24	223.2	16.51	214.6	16.04	204.1	14.37
		50.7	243.5	18.69	236.1	18.00	228.7	17.58	223.2	16.85	214.6	16.37	204.1	14.65
		63.4	244.9	18.81	236.7	18.13	228.7	17.70	223.2	16.97	214.6	16.49	204.1	14.75
		76.1	245.6	18.87	237.0	18.19	228.7	17.76	223.2	17.03	214.6	16.55	204.1	14.80
	50	20.3	240.4	16.40	234.5	15.84	228.1	15.49	222.9	14.97	214.2	14.48	203.9	13.02
		25.4	241.3	16.43	235.1	15.88	228.5	15.54	223.2	14.99	214.6	14.47	204.1	13.03
		50.7	244.9	16.55	237.5	16.06	229.9	15.72	224.6	15.07	216.0	14.43	205.1	13.09
		63.4	246.3	16.55	238.5	16.06	230.7	15.68	225.0	15.03	216.4	14.49	205.8	13.24
		76.1	247.0	16.55	239.0	16.06	231.1	15.66	225.2	15.01	216.6	14.52	206.1	13.31
	59	20.3	241.1	14.51	234.8	14.10	228.0	13.86	222.6	13.53	213.9	12.99	203.6	11.77
		25.4	242.1	14.49	235.7	14.10	228.7	13.86	223.2	13.48	214.6	12.89	204.1	11.72
		50.7	246.1	14.41	239.1	14.10	231.3	13.86	225.8	13.28	217.4	12.51	206.2	11.52
		63.4	247.5	14.31	240.3	13.98	232.5	13.68	226.6	13.09	218.0	12.51	207.4	11.72
		76.1	248.3	14.26	240.9	13.92	233.1	13.59	227.1	13.00	218.3	12.51	208.0	11.82
	68	20.3	245.6	12.52	238.9	12.23	231.2	11.92	225.0	11.72	216.7	11.39	205.3	10.65
		25.4	246.9	12.55	239.7	12.23	231.9	11.92	225.8	11.72	217.4	11.34	206.2	10.63
		50.7	252.2	12.65	242.9	12.23	234.5	11.92	229.3	11.72	220.0	11.13	209.4	10.55
		63.4	253.6	12.65	244.9	12.23	235.9	11.92	229.9	11.52	221.2	11.13	210.0	10.55
		76.1	254.3	12.65	245.9	12.23	236.6	11.92	230.2	11.42	221.8	11.13	210.3	10.55
	77	20.3	253.3	11.40	245.7	10.98	235.9	10.80	230.7	10.39	222.6	10.01	210.8	9.17
		25.4	253.8	11.38	245.7	10.93	235.9	10.75	230.7	10.35	222.6	9.96	210.8	9.17
		50.7	255.8	11.30	245.7	10.75	235.9	10.55	230.7	10.16	222.6	9.76	210.8	9.17
		63.4	257.0	11.30	245.7	10.79	235.9	10.35	230.7	10.16	222.6	9.58	210.8	8.99
		76.1	257.6	11.30	245.7	10.81	235.9	10.24	230.7	10.16	222.6	9.49	210.8	8.90
	86	20.3	257.0	10.39	245.7	10.01	235.9	9.63	230.7	9.43	222.6	8.84	210.8	8.26
		25.4	257.0	10.35	245.7	9.96	235.9	9.58	230.7	9.38	222.6	8.79	210.8	8.20
		50.7	257.0	10.16	245.7	9.76	235.9	9.38	230.7	9.17	222.6	8.59	210.8	8.00
		63.4	257.0	10.08	245.7	9.58	235.9	9.17	230.7	8.99	222.6	8.59	210.8	8.00
		76.1	257.0	10.04	245.7	9.49	235.9	9.07	230.7	8.90	222.6	8.59	210.8	8.00
	95	20.3	257.0	9.86	245.7	9.22	235.9	8.84	230.7	8.46	222.6	8.05	210.8	7.46
		25.4	257.0	9.76	245.7	9.17	235.9	8.79	230.7	8.41	222.6	8.00	210.8	7.42
		50.7	257.0	9.38	245.7	8.99	235.9	8.59	230.7	8.20	222.6	7.82	210.8	7.23
		63.4	257.0	9.13	245.7	8.79	235.9	8.41	230.7	8.20	222.6	7.82	210.8	7.23
		76.1	257.0	9.01	245.7	8.69	235.9	8.31	230.7	8.20	222.6	7.82	210.8	7.23
	104	20.3	257.0	9.27	245.7	8.89	235.9	8.30	230.7	7.87	222.6	7.46	210.8	6.88
		25.4	257.0	9.17	245.7	8.79	235.9	8.20	230.7	7.82	222.6	7.42	210.8	6.83
		50.7	257.0	8.79	245.7	8.41	235.9	7.82	230.7	7.62	222.6	7.23	210.8	6.65
		63.4	257.0	8.67	245.7	8.20	235.9	7.82	230.7	7.42	222.6	7.03	210.8	6.45
		76.1	257.0	8.61	245.7	8.10	235.9	7.82	230.7	7.31	222.6	6.93	210.8	6.34
	113	20.3	257.0	8.68	245.7	8.55	235.9	7.77	230.7	7.29	222.6	6.88	210.8	6.29
		25.4	257.0	8.59	245.7	8.41	235.9	7.62	230.7	7.23	222.6	6.83	210.8	6.24
		50.7	257.0	8.20	245.7	7.82	235.9	7.03	230.7	7.03	222.6	6.65	210.8	6.06
		63.4	257.0	8.20	245.7	7.62	235.9	7.23	230.7	6.65	222.6	6.24	210.8	5.66
		76.1	257.0	8.20	245.7	7.52	235.9	7.34	230.7	6.45	222.6	6.04	210.8	5.45

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN192DAS4, ARWB192DAS4

192,000 Btu/h, 460V Heat Pump and Heat Recovery Units

MULTI V WATER IV

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
100	23	20.3	86.8	12.44	86.2	11.72	85.9	10.76	85.1	10.30	84.3	9.84	82.7	8.95
		25.4	89.8	12.65	89.2	11.94	88.8	10.99	88.0	10.53	87.2	10.06	85.6	9.15
		50.7	101.7	13.50	101.1	12.83	100.5	11.92	99.5	11.42	98.7	10.93	97.0	9.94
		63.4	112.3	14.37	111.5	13.72	110.9	12.85	109.9	12.33	109.1	11.78	107.1	10.71
		76.1	117.7	14.80	116.8	14.17	116.2	13.32	115.2	12.78	114.4	12.21	112.2	11.10
	32	20.3	155.2	17.01	151.8	16.51	148.6	15.76	146.0	15.09	143.4	14.45	138.4	13.11
		25.4	156.1	17.05	152.7	16.55	149.5	15.80	146.9	15.13	144.3	14.49	139.2	13.15
		50.7	159.7	17.22	156.3	16.71	152.9	15.98	150.3	15.32	147.7	14.65	142.5	13.32
		63.4	162.2	17.22	158.7	16.71	155.3	15.98	152.5	15.32	149.9	14.65	144.7	13.32
		76.1	163.4	17.22	159.9	16.71	156.5	15.98	153.6	15.32	151.0	14.65	145.8	13.32
	41	20.3	229.1	18.29	221.4	17.84	215.7	17.15	211.4	16.42	201.3	15.72	192.1	14.30
		25.4	229.9	18.37	221.8	17.92	215.8	17.24	211.4	16.51	201.3	15.80	192.1	14.37
		50.7	233.1	18.69	223.4	18.25	216.0	17.58	211.4	16.85	201.3	16.13	192.1	14.65
		63.4	234.5	18.81	224.0	18.37	216.0	17.70	211.4	16.97	201.3	16.23	192.1	14.75
		76.1	235.2	18.87	224.3	18.43	216.0	17.76	211.4	17.03	201.3	16.28	192.1	14.80
	50	20.3	230.3	16.35	222.1	15.99	216.0	15.49	211.4	14.97	201.3	14.23	192.1	13.02
		25.4	230.9	16.43	222.4	16.04	216.0	15.54	211.4	14.99	201.3	14.25	192.1	13.03
		50.7	233.1	16.73	223.6	16.25	216.0	15.72	211.4	15.07	201.3	14.31	192.1	13.09
		63.4	234.7	16.67	224.6	16.25	216.0	15.68	211.4	15.03	201.3	14.27	192.1	13.03
		76.1	235.5	16.64	225.1	16.25	216.0	15.66	211.4	15.01	201.3	14.25	192.1	13.00
	59	20.3	231.6	14.42	223.1	14.18	216.0	13.86	211.4	13.53	201.3	12.74	192.1	11.77
		25.4	231.9	14.49	223.2	14.19	216.0	13.86	211.4	13.48	201.3	12.69	192.1	11.72
		50.7	233.1	14.77	223.8	14.23	216.0	13.86	211.4	13.28	201.3	12.51	192.1	11.52
		63.4	235.1	14.53	225.0	14.10	216.0	13.68	211.4	13.09	201.3	12.31	192.1	11.34
		76.1	236.1	14.41	225.6	14.04	216.0	13.59	211.4	13.00	201.3	12.20	192.1	11.24
	68	20.3	232.8	12.33	224.3	12.01	216.0	11.72	211.4	11.56	201.3	10.80	192.1	10.27
		25.4	233.7	12.39	224.4	12.02	216.0	11.72	211.4	11.52	201.3	10.75	192.1	10.16
		50.7	237.1	12.61	225.0	12.06	216.0	11.72	211.4	11.34	201.3	10.55	192.1	9.76
		63.4	238.5	12.39	227.1	11.96	216.0	11.52	211.4	11.13	201.3	10.35	192.1	9.58
		76.1	239.2	12.27	228.1	11.91	216.0	11.42	211.4	11.03	201.3	10.24	192.1	9.49
	77	20.3	235.6	10.78	227.9	10.44	216.0	10.01	211.4	9.63	201.3	9.04	192.1	8.20
		25.4	236.5	10.79	227.9	10.39	216.0	9.96	211.4	9.58	201.3	8.99	192.1	8.20
		50.7	239.9	10.83	227.9	10.16	216.0	9.76	211.4	9.38	201.3	8.79	192.1	8.20
		63.4	241.1	10.59	227.9	10.08	216.0	9.58	211.4	9.17	201.3	8.79	192.1	8.00
		76.1	241.7	10.47	227.9	10.04	216.0	9.49	211.4	9.07	201.3	8.79	192.1	7.90
	86	20.3	241.1	9.81	227.9	9.04	216.0	8.43	211.4	8.26	201.3	7.62	192.1	7.29
		25.4	241.1	9.76	227.9	8.99	216.0	8.41	211.4	8.20	201.3	7.62	192.1	7.23
		50.7	241.1	9.58	227.9	8.79	216.0	8.33	211.4	8.00	201.3	7.62	192.1	7.03
		63.4	241.1	9.38	227.9	8.79	216.0	8.20	211.4	8.00	201.3	7.42	192.1	7.03
		76.1	241.1	9.27	227.9	8.79	216.0	8.14	211.4	8.00	201.3	7.31	192.1	7.03
	95	20.3	241.1	9.09	227.9	8.30	216.0	7.44	211.4	7.29	201.3	6.88	192.1	6.29
		25.4	241.1	8.99	227.9	8.20	216.0	7.42	211.4	7.23	201.3	6.83	192.1	6.24
		50.7	241.1	8.59	227.9	7.82	216.0	7.34	211.4	7.03	201.3	6.65	192.1	6.06
		63.4	241.1	8.59	227.9	7.82	216.0	7.23	211.4	7.03	201.3	6.65	192.1	6.06
		76.1	241.1	8.59	227.9	7.82	216.0	7.18	211.4	7.03	201.3	6.65	192.1	6.06
	104	20.3	241.1	8.51	227.9	7.71	216.0	6.67	211.4	6.50	201.3	6.11	192.1	5.70
		25.4	241.1	8.41	227.9	7.62	216.0	6.65	211.4	6.45	201.3	6.06	192.1	5.66
		50.7	241.1	8.00	227.9	7.23	216.0	6.57	211.4	6.24	201.3	5.86	192.1	5.48
		63.4	241.1	7.82	227.9	7.23	216.0	6.45	211.4	6.24	201.3	5.86	192.1	5.48
		76.1	241.1	7.73	227.9	7.23	216.0	6.38	211.4	6.24	201.3	5.86	192.1	5.48
	113	20.3	241.1	7.92	227.9	7.13	216.0	5.88	211.4	5.70	201.3	5.33	192.1	5.12
		25.4	241.1	7.82	227.9	7.03	216.0	5.86	211.4	5.66	201.3	5.27	192.1	5.07
		50.7	241.1	7.42	227.9	6.65	216.0	5.78	211.4	5.48	201.3	5.07	192.1	4.89
		63.4	241.1	7.03	227.9	6.65	216.0	5.66	211.4	5.48	201.3	5.07	192.1	4.89
		76.1	241.1	6.84	227.9	6.65	216.0	5.60	211.4	5.48	201.3	5.07	192.1	4.89

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN192DAS4, ARWB192DAS4

192,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
90	23	20.3	82.0	11.54	79.4	10.51	77.1	9.23	76.5	8.80	75.9	8.48	74.6	7.61
		25.4	84.8	11.74	82.2	10.71	79.8	9.44	79.2	8.99	78.6	8.67	77.2	7.78
		50.7	96.0	12.53	93.0	11.50	90.2	10.24	89.6	9.76	89.0	9.42	87.2	8.45
		63.4	106.1	13.32	102.7	12.31	99.7	11.05	98.9	10.53	98.3	10.14	96.4	9.11
		76.1	111.2	13.71	107.5	12.71	104.4	11.46	103.5	10.91	102.9	10.51	101.1	9.45
	32	20.3	146.6	15.72	139.8	14.75	133.4	13.54	131.5	12.92	129.2	12.43	124.4	11.16
		25.4	147.5	15.76	140.7	14.79	134.2	13.58	132.2	12.95	130.0	12.47	125.2	11.19
		50.7	150.9	15.92	143.9	14.95	137.4	13.72	135.2	13.09	133.0	12.61	128.2	11.32
		63.4	153.1	15.92	146.1	14.95	139.6	13.72	137.2	13.09	135.2	12.61	130.2	11.32
		76.1	154.2	15.92	147.2	14.95	140.8	13.72	138.2	13.09	136.3	12.61	131.2	11.32
	41	20.3	207.2	16.88	200.5	15.93	194.1	14.74	190.1	14.05	181.6	13.53	173.0	12.14
		25.4	207.4	16.95	200.3	16.00	194.1	14.81	190.1	14.12	181.6	13.60	173.0	12.20
		50.7	208.2	17.26	199.7	16.31	194.1	15.09	190.1	14.41	181.6	13.88	173.0	12.45
		63.4	209.4	17.36	200.3	16.41	194.1	15.22	190.1	14.51	181.6	13.98	173.0	12.55
		76.1	210.0	17.41	200.6	16.46	194.1	15.28	190.1	14.56	181.6	14.03	173.0	12.60
	50	20.3	208.3	14.90	201.2	14.17	194.1	13.34	190.1	12.80	181.6	12.28	173.0	11.06
		25.4	208.2	14.91	200.9	14.19	194.1	13.36	190.1	12.81	181.6	12.27	173.0	11.07
		50.7	207.8	14.95	199.9	14.25	194.1	13.42	190.1	12.87	181.6	12.23	173.0	11.11
		63.4	209.2	14.91	200.5	14.21	194.1	13.38	190.1	12.83	181.6	12.27	173.0	11.15
		76.1	209.9	14.89	200.8	14.19	194.1	13.36	190.1	12.81	181.6	12.29	173.0	11.17
	59	20.3	209.3	12.90	201.9	12.44	194.1	11.97	190.1	11.56	181.6	11.03	173.0	10.01
		25.4	209.0	12.85	201.5	12.39	194.1	11.92	190.1	11.52	181.6	10.93	173.0	9.96
		50.7	207.6	12.65	200.1	12.18	194.1	11.72	190.1	11.34	181.6	10.55	173.0	9.76
		63.4	209.0	12.47	200.7	12.00	194.1	11.52	190.1	11.13	181.6	10.55	173.0	9.76
		76.1	209.7	12.38	201.0	11.91	194.1	11.42	190.1	11.03	181.6	10.55	173.0	9.76
	68	20.3	210.6	10.89	202.7	10.58	194.1	10.22	190.1	9.81	181.6	9.47	173.0	8.89
		25.4	210.4	10.89	202.3	10.55	194.1	10.16	190.1	9.76	181.6	9.38	173.0	8.79
		50.7	209.6	10.89	200.7	10.43	194.1	9.96	190.1	9.58	181.6	8.99	173.0	8.41
		63.4	210.2	10.71	201.3	10.35	194.1	9.96	190.1	9.58	181.6	8.99	173.0	8.41
		76.1	210.5	10.62	201.6	10.31	194.1	9.96	190.1	9.58	181.6	8.99	173.0	8.41
	77	20.3	214.1	9.52	205.4	9.01	194.1	8.63	190.1	8.20	181.6	7.87	173.0	7.29
		25.4	214.6	9.50	205.4	8.99	194.1	8.59	190.1	8.20	181.6	7.82	173.0	7.23
		50.7	216.6	9.42	205.4	8.91	194.1	8.41	190.1	8.20	181.6	7.62	173.0	7.03
		63.4	217.4	9.17	205.4	8.71	194.1	8.41	190.1	8.00	181.6	7.62	173.0	7.03
		76.1	217.8	9.05	205.4	8.61	194.1	8.41	190.1	7.90	181.6	7.62	173.0	7.03
	86	20.3	217.4	8.63	205.4	8.05	194.1	7.46	190.1	7.29	181.6	6.88	173.0	6.24
		25.4	217.4	8.59	205.4	8.00	194.1	7.42	190.1	7.23	181.6	6.83	173.0	6.24
		50.7	217.4	8.41	205.4	7.82	194.1	7.23	190.1	7.03	181.6	6.65	173.0	6.24
		63.4	217.4	8.20	205.4	7.62	194.1	7.23	190.1	7.03	181.6	6.65	173.0	6.06
		76.1	217.4	8.10	205.4	7.52	194.1	7.23	190.1	7.03	181.6	6.65	173.0	5.97
	95	20.3	217.4	7.87	205.4	7.29	194.1	6.70	190.1	6.50	181.6	6.11	173.0	5.70
		25.4	217.4	7.82	205.4	7.23	194.1	6.65	190.1	6.45	181.6	6.06	173.0	5.66
		50.7	217.4	7.62	205.4	7.03	194.1	6.45	190.1	6.24	181.6	5.86	173.0	5.48
		63.4	217.4	7.42	205.4	6.83	194.1	6.24	190.1	6.06	181.6	5.86	173.0	5.48
		76.1	217.4	7.31	205.4	6.73	194.1	6.14	190.1	5.97	181.6	5.86	173.0	5.48
	104	20.3	217.4	7.34	205.4	6.70	194.1	5.91	190.1	5.70	181.6	5.53	173.0	5.12
		25.4	217.4	7.23	205.4	6.65	194.1	5.86	190.1	5.66	181.6	5.48	173.0	5.07
		50.7	217.4	6.83	205.4	6.45	194.1	5.66	190.1	5.48	181.6	5.27	173.0	4.89
		63.4	217.4	6.83	205.4	6.45	194.1	5.66	190.1	5.48	181.6	5.27	173.0	4.89
		76.1	217.4	6.83	205.4	6.45	194.1	5.66	190.1	5.48	181.6	5.27	173.0	4.89
	113	20.3	217.4	6.80	205.4	6.11	194.1	5.12	190.1	4.94	181.6	4.94	173.0	4.53
		25.4	217.4	6.65	205.4	6.06	194.1	5.07	190.1	4.89	181.6	4.89	173.0	4.49
		50.7	217.4	6.06	205.4	5.86	194.1	4.89	190.1	4.69	181.6	4.69	173.0	4.30
		63.4	217.4	6.24	205.4	6.06	194.1	5.07	190.1	4.89	181.6	4.69	173.0	4.30
		76.1	217.4	6.34	205.4	6.16	194.1	5.16	190.1	4.99	181.6	4.69	173.0	4.30

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN192DAS4, ARWB192DAS4

192,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
80	23	20.3	77.5	8.22	72.7	7.91	68.8	7.58	68.0	7.32	67.6	6.98	66.2	6.43
		25.4	80.2	8.41	75.1	8.08	71.1	7.74	70.3	7.48	69.9	7.13	68.5	6.57
		50.7	90.6	9.13	85.0	8.77	80.4	8.39	79.6	8.10	79.2	7.74	77.6	7.11
		63.4	100.3	9.84	93.8	9.46	88.8	9.05	87.8	8.75	87.4	8.35	85.6	7.68
		76.1	105.1	10.20	98.3	9.80	93.1	9.39	92.0	9.08	91.6	8.65	89.6	7.96
	32	20.3	138.4	12.07	127.6	11.58	118.8	11.10	116.6	10.72	115.0	10.21	110.7	9.41
		25.4	139.2	12.10	128.4	11.62	119.6	11.13	117.3	10.75	115.7	10.24	111.3	9.44
		50.7	142.7	12.25	131.4	11.76	122.4	11.26	120.2	10.87	118.5	10.37	113.9	9.54
		63.4	144.7	12.25	133.4	11.76	124.4	11.26	122.0	10.87	120.4	10.37	115.7	9.54
		76.1	145.7	12.25	134.4	11.76	125.4	11.26	122.9	10.87	121.3	10.37	116.6	9.54
	41	20.3	191.5	13.12	180.7	12.63	172.7	12.06	169.0	11.66	161.7	11.12	153.7	10.23
		25.4	191.9	13.20	181.0	12.69	172.8	12.12	169.0	11.72	161.7	11.17	153.7	10.29
		50.7	193.5	13.48	182.4	12.93	173.0	12.39	169.0	11.96	161.7	11.40	153.7	10.51
		63.4	193.5	13.56	182.2	13.03	173.0	12.47	169.0	12.04	161.7	11.48	153.7	10.57
		76.1	193.5	13.60	182.1	13.08	173.0	12.51	169.0	12.08	161.7	11.52	153.7	10.60
	50	20.3	192.5	12.08	181.4	11.53	172.7	10.95	169.0	10.64	161.7	10.08	153.7	9.33
		25.4	192.7	12.06	181.6	11.52	172.8	10.95	169.0	10.65	161.7	10.08	153.7	9.34
		50.7	193.5	12.00	182.4	11.46	173.0	10.97	169.0	10.67	161.7	10.10	153.7	9.36
		63.4	193.5	11.96	182.2	11.50	173.0	11.01	169.0	10.61	161.7	10.04	153.7	9.30
		76.1	193.5	11.94	182.1	11.52	173.0	11.03	169.0	10.58	161.7	10.01	153.7	9.26
	59	20.3	193.5	11.03	182.2	10.44	173.0	9.81	169.0	9.63	161.7	9.04	153.7	8.46
		25.4	193.5	10.93	182.2	10.35	173.0	9.76	169.0	9.58	161.7	8.99	153.7	8.41
		50.7	193.5	10.55	182.2	9.96	173.0	9.58	169.0	9.38	161.7	8.79	153.7	8.20
		63.4	193.5	10.35	182.2	9.96	173.0	9.58	169.0	9.17	161.7	8.59	153.7	8.00
		76.1	193.5	10.24	182.2	9.96	173.0	9.58	169.0	9.07	161.7	8.49	153.7	7.90
	68	20.3	193.5	9.22	182.2	8.84	173.0	8.41	169.0	8.26	161.7	7.87	153.7	7.29
		25.4	193.5	9.17	182.2	8.79	173.0	8.41	169.0	8.20	161.7	7.82	153.7	7.23
		50.7	193.5	8.99	182.2	8.59	173.0	8.41	169.0	8.00	161.7	7.62	153.7	7.03
		63.4	193.5	8.79	182.2	8.41	173.0	8.20	169.0	8.00	161.7	7.42	153.7	7.03
		76.1	193.5	8.69	182.2	8.31	173.0	8.10	169.0	8.00	161.7	7.31	153.7	7.03
	77	20.3	193.5	8.26	182.2	7.67	173.0	7.23	169.0	7.08	161.7	6.70	153.7	6.29
		25.4	193.5	8.20	182.2	7.62	173.0	7.23	169.0	7.03	161.7	6.65	153.7	6.24
		50.7	193.5	8.00	182.2	7.42	173.0	7.23	169.0	6.83	161.7	6.45	153.7	6.06
		63.4	193.5	7.82	182.2	7.42	173.0	7.03	169.0	6.83	161.7	6.45	153.7	6.06
		76.1	193.5	7.73	182.2	7.42	173.0	6.93	169.0	6.83	161.7	6.45	153.7	6.06
	86	20.3	193.5	7.29	182.2	6.88	173.0	6.50	169.0	6.29	161.7	5.91	153.7	5.53
		25.4	193.5	7.23	182.2	6.83	173.0	6.45	169.0	6.24	161.7	5.86	153.7	5.48
		50.7	193.5	7.03	182.2	6.65	173.0	6.24	169.0	6.06	161.7	5.66	153.7	5.27
		63.4	193.5	7.03	182.2	6.65	173.0	6.24	169.0	6.06	161.7	5.66	153.7	5.27
		76.1	193.5	7.03	182.2	6.65	173.0	6.24	169.0	6.06	161.7	5.66	153.7	5.27
	95	20.3	193.5	6.70	182.2	6.29	173.0	5.70	169.0	5.48	161.7	5.33	153.7	4.89
		25.4	193.5	6.65	182.2	6.24	173.0	5.66	169.0	5.48	161.7	5.27	153.7	4.89
		50.7	193.5	6.45	182.2	6.06	173.0	5.48	169.0	5.48	161.7	5.07	153.7	4.89
		63.4	193.5	6.45	182.2	5.86	173.0	5.48	169.0	5.27	161.7	5.07	153.7	4.69
		76.1	193.5	6.45	182.2	5.76	173.0	5.48	169.0	5.17	161.7	5.07	153.7	4.59
	104	20.3	193.5	6.34	182.2	5.70	173.0	5.07	169.0	5.12	161.7	4.69	153.7	4.53
		25.4	193.5	6.24	182.2	5.66	173.0	5.07	169.0	5.07	161.7	4.69	153.7	4.49
		50.7	193.5	5.86	182.2	5.48	173.0	5.07	169.0	4.89	161.7	4.69	153.7	4.30
		63.4	193.5	5.86	182.2	5.48	173.0	4.89	169.0	4.89	161.7	4.69	153.7	4.30
		76.1	193.5	5.86	182.2	5.48	173.0	4.80	169.0	4.89	161.7	4.69	153.7	4.30
	113	20.3	193.5	6.01	182.2	5.12	173.0	4.43	169.0	4.78	161.7	4.05	153.7	4.20
		25.4	193.5	5.86	182.2	5.07	173.0	4.49	169.0	4.69	161.7	4.10	153.7	4.10
		50.7	193.5	5.27	182.2	4.89	173.0	4.69	169.0	4.30	161.7	4.30	153.7	3.72
		63.4	193.5	5.27	182.2	5.07	173.0	4.30	169.0	4.49	161.7	4.30	153.7	3.90
		76.1	193.5	5.27	182.2	5.16	173.0	4.11	169.0	4.58	161.7	4.30	153.7	3.99

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN192DAS4, ARWB192DAS4

192,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
70	23	20.3	67.6	7.06	63.5	6.72	60.1	6.51	59.5	6.13	59.1	5.91	58.1	5.38
		25.4	69.9	7.21	65.7	6.87	62.1	6.65	61.5	6.26	61.1	6.04	60.1	5.50
		50.7	79.2	7.82	74.3	7.46	70.1	7.21	69.5	6.79	69.1	6.55	67.9	5.96
		63.4	87.6	8.45	82.2	8.04	77.6	7.78	77.0	7.31	76.4	7.07	74.9	6.43
		76.1	91.9	8.76	86.1	8.34	81.3	8.06	80.7	7.58	80.0	7.34	78.5	6.66
	32	20.3	121.1	10.34	111.9	9.86	103.9	9.53	102.1	8.97	100.5	8.66	96.9	7.88
		25.4	121.8	10.37	112.5	9.88	104.5	9.56	102.7	8.99	101.1	8.69	97.5	7.90
		50.7	124.6	10.49	115.1	9.98	106.9	9.68	105.1	9.09	103.5	8.79	99.7	7.98
		63.4	126.4	10.49	116.9	9.98	108.5	9.68	106.7	9.09	105.1	8.79	101.3	7.98
		76.1	127.3	10.49	117.9	9.98	109.3	9.68	107.5	9.09	105.9	8.79	102.1	7.98
	41	20.3	167.2	11.26	158.4	10.71	150.8	10.37	147.7	9.77	141.1	9.43	134.4	8.56
		25.4	167.6	11.32	158.7	10.77	150.9	10.43	147.7	9.82	141.1	9.48	134.4	8.61
		50.7	169.0	11.54	159.9	10.99	151.1	10.65	147.7	10.00	141.1	9.68	134.4	8.79
		63.4	169.0	11.62	159.7	11.07	151.1	10.73	147.7	10.08	141.1	9.74	134.4	8.85
		76.1	169.0	11.66	159.6	11.11	151.1	10.77	147.7	10.12	141.1	9.77	134.4	8.88
	50	20.3	168.0	10.37	159.0	9.80	151.1	9.44	147.7	8.91	141.1	8.55	134.4	7.82
		25.4	168.2	10.35	159.1	9.78	151.1	9.42	147.7	8.91	141.1	8.55	134.4	7.82
		50.7	169.0	10.27	159.7	9.70	151.1	9.34	147.7	8.91	141.1	8.55	134.4	7.82
		63.4	169.0	10.31	159.7	9.74	151.1	9.38	147.7	8.95	141.1	8.49	134.4	7.84
		76.1	169.0	10.33	159.7	9.76	151.1	9.40	147.7	8.97	141.1	8.46	134.4	7.85
	59	20.3	169.0	9.47	159.7	8.89	151.1	8.51	147.7	8.05	141.1	7.67	134.4	7.08
		25.4	169.0	9.38	159.7	8.79	151.1	8.41	147.7	8.00	141.1	7.62	134.4	7.03
		50.7	169.0	8.99	159.7	8.41	151.1	8.00	147.7	7.82	141.1	7.42	134.4	6.83
		63.4	169.0	8.99	159.7	8.41	151.1	8.00	147.7	7.82	141.1	7.23	134.4	6.83
		76.1	169.0	8.99	159.7	8.41	151.1	8.00	147.7	7.82	141.1	7.14	134.4	6.83
	68	20.3	169.0	7.87	159.7	7.46	151.1	7.29	147.7	7.08	141.1	6.70	134.4	6.29
		25.4	169.0	7.82	159.7	7.42	151.1	7.23	147.7	7.03	141.1	6.65	134.4	6.24
		50.7	169.0	7.62	159.7	7.23	151.1	7.03	147.7	6.83	141.1	6.45	134.4	6.06
		63.4	169.0	7.62	159.7	7.23	151.1	7.03	147.7	6.65	141.1	6.45	134.4	5.86
		76.1	169.0	7.62	159.7	7.23	151.1	7.03	147.7	6.56	141.1	6.45	134.4	5.76
	77	20.3	169.0	7.08	159.7	6.70	151.1	6.29	147.7	6.11	141.1	5.66	134.4	5.27
		25.4	169.0	7.03	159.7	6.65	151.1	6.24	147.7	6.06	141.1	5.66	134.4	5.27
		50.7	169.0	6.83	159.7	6.45	151.1	6.06	147.7	5.86	141.1	5.66	134.4	5.27
		63.4	169.0	6.65	159.7	6.24	151.1	6.06	147.7	5.86	141.1	5.48	134.4	5.27
		76.1	169.0	6.56	159.7	6.14	151.1	6.06	147.7	5.86	141.1	5.38	134.4	5.27
	86	20.3	169.0	6.29	159.7	5.91	151.1	5.53	147.7	5.27	141.1	5.12	134.4	4.69
		25.4	169.0	6.24	159.7	5.86	151.1	5.48	147.7	5.27	141.1	5.07	134.4	4.69
		50.7	169.0	6.06	159.7	5.66	151.1	5.27	147.7	5.27	141.1	4.89	134.4	4.69
		63.4	169.0	6.06	159.7	5.66	151.1	5.27	147.7	5.07	141.1	4.89	134.4	4.69
		76.1	169.0	6.06	159.7	5.66	151.1	5.27	147.7	4.97	141.1	4.89	134.4	4.69
	95	20.3	169.0	5.70	159.7	5.33	151.1	4.89	147.7	4.94	141.1	4.49	134.4	4.36
		25.4	169.0	5.66	159.7	5.27	151.1	4.89	147.7	4.89	141.1	4.49	134.4	4.30
		50.7	169.0	5.48	159.7	5.07	151.1	4.89	147.7	4.69	141.1	4.49	134.4	4.10
		63.4	169.0	5.48	159.7	5.07	151.1	4.69	147.7	4.69	141.1	4.49	134.4	4.10
		76.1	169.0	5.48	159.7	5.07	151.1	4.59	147.7	4.69	141.1	4.49	134.4	4.10
	104	20.3	169.0	5.33	159.7	4.94	151.1	4.53	147.7	4.30	141.1	4.10	134.4	3.95
		25.4	169.0	5.27	159.7	4.89	151.1	4.49	147.7	4.30	141.1	4.10	134.4	3.90
		50.7	169.0	5.07	159.7	4.69	151.1	4.30	147.7	4.30	141.1	4.10	134.4	3.72
		63.4	169.0	5.07	159.7	4.69	151.1	4.30	147.7	4.10	141.1	3.90	134.4	3.72
		76.1	169.0	5.07	159.7	4.69	151.1	4.30	147.7	4.00	141.1	3.80	134.4	3.72
	113	20.3	169.0	4.94	159.7	4.53	151.1	4.20	147.7	3.67	141.1	3.72	134.4	3.57
		25.4	169.0	4.89	159.7	4.49	151.1	4.10	147.7	3.72	141.1	3.72	134.4	3.52
		50.7	169.0	4.69	159.7	4.30	151.1	3.72	147.7	3.90	141.1	3.72	134.4	3.31
		63.4	169.0	4.69	159.7	4.30	151.1	3.90	147.7	3.52	141.1	3.31	134.4	3.31
		76.1	169.0	4.69	159.7	4.30	151.1	3.99	147.7	3.32	141.1	3.11	134.4	3.31

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN192DAS4, ARWB192DAS4

192,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
60	23	20.3	58.0	5.73	54.4	5.52	51.5	5.30	50.9	4.92	50.7	4.84	49.7	4.33
		25.4	60.1	5.86	56.3	5.64	53.2	5.42	52.6	5.03	52.4	4.95	51.4	4.43
		50.7	68.1	6.37	63.7	6.12	60.3	5.88	59.7	5.46	59.5	5.38	58.3	4.81
		63.4	75.1	6.85	70.3	6.61	66.7	6.34	65.9	5.90	65.7	5.80	64.3	5.17
		76.1	78.7	7.09	73.7	6.85	69.9	6.58	69.0	6.12	68.8	6.01	67.3	5.36
	32	20.3	103.9	8.40	95.7	8.10	89.3	7.75	87.5	7.21	86.3	7.11	83.1	6.35
		25.4	104.5	8.43	96.2	8.12	89.8	7.78	88.0	7.23	86.8	7.13	83.6	6.37
		50.7	106.9	8.53	98.5	8.20	92.0	7.88	90.0	7.31	88.8	7.21	85.4	6.43
		63.4	108.5	8.53	100.1	8.20	93.4	7.88	91.4	7.31	90.2	7.21	86.8	6.43
		76.1	109.3	8.53	100.9	8.20	94.1	7.88	92.1	7.31	90.9	7.21	87.5	6.43
	41	20.3	143.6	9.15	135.4	8.80	129.8	8.44	126.6	7.86	121.2	7.74	115.3	6.90
		25.4	143.9	9.19	135.6	8.85	129.8	8.49	126.6	7.90	121.2	7.78	115.3	6.93
		50.7	145.1	9.38	136.6	9.03	129.8	8.67	126.6	8.06	121.2	7.94	115.3	7.07
		63.4	145.1	9.46	136.4	9.09	129.8	8.73	126.6	8.12	121.2	7.98	115.3	7.13
		76.1	145.1	9.50	136.3	9.12	129.8	8.76	126.6	8.15	121.2	8.00	115.3	7.16
	50	20.3	144.3	8.41	135.9	8.04	129.8	7.66	126.6	7.15	121.2	7.02	115.3	6.29
		25.4	144.5	8.41	136.0	8.04	129.8	7.66	126.6	7.17	121.2	7.01	115.3	6.30
		50.7	145.1	8.41	136.6	8.04	129.8	7.66	126.6	7.25	121.2	6.99	115.3	6.37
		63.4	145.1	8.43	136.4	7.96	129.8	7.58	126.6	7.17	121.2	6.93	115.3	6.30
		76.1	145.1	8.44	136.3	7.92	129.8	7.54	126.6	7.13	121.2	6.90	115.3	6.27
	59	20.3	145.1	7.67	136.4	7.29	129.8	6.88	126.6	6.45	121.2	6.29	115.3	5.66
		25.4	145.1	7.62	136.4	7.23	129.8	6.83	126.6	6.45	121.2	6.24	115.3	5.66
		50.7	145.1	7.42	136.4	7.03	129.8	6.65	126.6	6.45	121.2	6.06	115.3	5.66
		63.4	145.1	7.42	136.4	6.83	129.8	6.45	126.6	6.24	121.2	5.86	115.3	5.48
		76.1	145.1	7.42	136.4	6.73	129.8	6.34	126.6	6.14	121.2	5.76	115.3	5.38
	68	20.3	145.1	6.70	136.4	6.29	129.8	5.91	126.6	5.70	121.2	5.53	115.3	5.12
		25.4	145.1	6.65	136.4	6.24	129.8	5.86	126.6	5.66	121.2	5.48	115.3	5.07
		50.7	145.1	6.45	136.4	6.06	129.8	5.66	126.6	5.48	121.2	5.27	115.3	4.89
		63.4	145.1	6.45	136.4	6.06	129.8	5.66	126.6	5.48	121.2	5.27	115.3	4.89
		76.1	145.1	6.45	136.4	6.06	129.8	5.66	126.6	5.48	121.2	5.27	115.3	4.89
	77	20.3	145.1	5.91	136.4	5.53	129.8	5.07	126.6	5.12	121.2	4.69	115.3	4.53
		25.4	145.1	5.86	136.4	5.48	129.8	5.07	126.6	5.07	121.2	4.69	115.3	4.49
		50.7	145.1	5.66	136.4	5.27	129.8	5.07	126.6	4.89	121.2	4.69	115.3	4.30
		63.4	145.1	5.66	136.4	5.27	129.8	4.89	126.6	4.89	121.2	4.69	115.3	4.30
		76.1	145.1	5.66	136.4	5.27	129.8	4.80	126.6	4.89	121.2	4.69	115.3	4.30
	86	20.3	145.1	5.33	136.4	4.94	129.8	4.74	126.6	4.53	121.2	4.36	115.3	4.15
		25.4	145.1	5.27	136.4	4.89	129.8	4.69	126.6	4.49	121.2	4.30	115.3	4.10
		50.7	145.1	5.07	136.4	4.69	129.8	4.49	126.6	4.30	121.2	4.10	115.3	3.90
		63.4	145.1	5.07	136.4	4.69	129.8	4.49	126.6	4.30	121.2	4.10	115.3	3.90
		76.1	145.1	5.07	136.4	4.69	129.8	4.49	126.6	4.30	121.2	4.10	115.3	3.90
	95	20.3	145.1	4.69	136.4	4.53	129.8	4.10	126.6	4.15	121.2	3.95	115.3	3.77
		25.4	145.1	4.69	136.4	4.49	129.8	4.10	126.6	4.10	121.2	3.90	115.3	3.72
		50.7	145.1	4.69	136.4	4.30	129.8	4.10	126.6	3.90	121.2	3.72	115.3	3.52
		63.4	145.1	4.69	136.4	4.30	129.8	3.90	126.6	3.90	121.2	3.72	115.3	3.52
		76.1	145.1	4.69	136.4	4.30	129.8	3.80	126.6	3.90	121.2	3.72	115.3	3.52
	104	20.3	145.1	4.30	136.4	4.15	129.8	3.72	126.6	3.77	121.2	3.57	115.3	3.31
		25.4	145.1	4.30	136.4	4.10	129.8	3.72	126.6	3.72	121.2	3.52	115.3	3.31
		50.7	145.1	4.30	136.4	3.90	129.8	3.72	126.6	3.52	121.2	3.31	115.3	3.31
		63.4	145.1	4.30	136.4	3.90	129.8	3.72	126.6	3.52	121.2	3.31	115.3	3.31
		76.1	145.1	4.30	136.4	3.90	129.8	3.72	126.6	3.52	121.2	3.31	115.3	3.31
	113	20.3	145.1	3.90	136.4	3.77	129.8	3.31	126.6	3.36	121.2	3.18	115.3	2.88
		25.4	145.1	3.90	136.4	3.72	129.8	3.31	126.6	3.31	121.2	3.13	115.3	2.93
		50.7	145.1	3.90	136.4	3.52	129.8	3.31	126.6	3.13	121.2	2.93	115.3	3.13
		63.4	145.1	3.90	136.4	3.52	129.8	3.52	126.6	3.13	121.2	2.93	115.3	3.13
		76.1	145.1	3.90	136.4	3.52	129.8	3.62	126.6	3.13	121.2	2.93	115.3	3.13

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN192DAS4, ARWB192DAS4

192,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
50	23	20.3	48.4	4.57	45.5	4.33	42.9	4.10	42.3	3.87	42.1	3.64	41.4	3.44
		25.4	50.0	4.67	47.0	4.43	44.4	4.18	43.8	3.96	43.6	3.72	42.8	3.52
		50.7	56.5	5.05	53.0	4.81	50.2	4.53	49.6	4.30	49.4	4.04	48.4	3.80
		63.4	62.5	5.46	58.7	5.17	55.5	4.89	54.9	4.65	54.5	4.34	53.6	4.10
		76.1	65.5	5.66	61.5	5.36	58.1	5.07	57.5	4.82	57.0	4.50	56.3	4.25
	32	20.3	86.3	6.69	79.9	6.35	74.3	5.98	72.7	5.68	71.7	5.34	69.1	5.04
		25.4	86.8	6.71	80.4	6.37	74.7	6.00	73.1	5.70	72.1	5.35	69.5	5.05
		50.7	88.8	6.77	82.2	6.43	76.6	6.08	74.9	5.78	73.9	5.42	71.1	5.11
		63.4	90.2	6.77	83.4	6.43	77.6	6.08	76.2	5.78	74.9	5.42	72.3	5.11
		76.1	90.9	6.77	84.0	6.43	78.1	6.08	76.8	5.78	75.5	5.42	72.9	5.11
	41	20.3	119.3	7.28	113.1	6.90	107.8	6.51	105.3	6.19	100.7	5.81	96.0	5.47
		25.4	119.6	7.31	113.3	6.93	107.9	6.55	105.3	6.22	100.7	5.84	96.0	5.50
		50.7	120.6	7.46	114.1	7.07	108.1	6.69	105.3	6.34	100.7	5.94	96.0	5.62
		63.4	120.6	7.52	113.9	7.13	108.1	6.73	105.3	6.39	100.7	6.00	96.0	5.66
		76.1	120.6	7.55	113.8	7.16	108.1	6.75	105.3	6.41	100.7	6.03	96.0	5.68
	50	20.3	120.1	6.70	113.4	6.31	107.8	5.93	105.3	5.67	100.7	5.24	96.0	5.00
		25.4	120.2	6.69	113.5	6.30	107.9	5.92	105.3	5.66	100.7	5.25	96.0	4.99
		50.7	120.6	6.65	114.1	6.28	108.1	5.88	105.3	5.62	100.7	5.31	96.0	4.95
		63.4	120.6	6.69	113.9	6.30	108.1	5.90	105.3	5.64	100.7	5.23	96.0	4.97
		76.1	120.6	6.71	113.8	6.31	108.1	5.91	105.3	5.65	100.7	5.19	96.0	4.98
	59	20.3	120.6	6.11	113.9	5.70	108.1	5.33	105.3	5.12	100.7	4.69	96.0	4.53
		25.4	120.6	6.06	113.9	5.66	108.1	5.27	105.3	5.07	100.7	4.69	96.0	4.49
		50.7	120.6	5.86	113.9	5.48	108.1	5.07	105.3	4.89	100.7	4.69	96.0	4.30
		63.4	120.6	5.86	113.9	5.48	108.1	5.07	105.3	4.89	100.7	4.49	96.0	4.30
		76.1	120.6	5.86	113.9	5.48	108.1	5.07	105.3	4.89	100.7	4.38	96.0	4.30
	68	20.3	120.6	5.33	113.9	4.94	108.1	4.74	105.3	4.53	100.7	4.36	96.0	3.90
		25.4	120.6	5.27	113.9	4.89	108.1	4.69	105.3	4.49	100.7	4.30	96.0	3.90
		50.7	120.6	5.07	113.9	4.69	108.1	4.49	105.3	4.30	100.7	4.10	96.0	3.90
		63.4	120.6	5.07	113.9	4.69	108.1	4.49	105.3	4.30	100.7	4.10	96.0	3.90
		76.1	120.6	5.07	113.9	4.69	108.1	4.49	105.3	4.30	100.7	4.10	96.0	3.90
	77	20.3	120.6	4.74	113.9	4.30	108.1	4.15	105.3	3.90	100.7	3.72	96.0	3.52
		25.4	120.6	4.69	113.9	4.30	108.1	4.10	105.3	3.90	100.7	3.72	96.0	3.52
		50.7	120.6	4.49	113.9	4.30	108.1	3.90	105.3	3.90	100.7	3.72	96.0	3.52
		63.4	120.6	4.49	113.9	4.30	108.1	3.90	105.3	3.90	100.7	3.72	96.0	3.52
		76.1	120.6	4.49	113.9	4.30	108.1	3.90	105.3	3.90	100.7	3.72	96.0	3.52
	86	20.3	120.6	4.36	113.9	3.95	108.1	3.77	105.3	3.52	100.7	3.57	96.0	3.36
		25.4	120.6	4.30	113.9	3.90	108.1	3.72	105.3	3.52	100.7	3.52	96.0	3.31
		50.7	120.6	4.10	113.9	3.72	108.1	3.52	105.3	3.52	100.7	3.31	96.0	3.13
		63.4	120.6	4.10	113.9	3.72	108.1	3.52	105.3	3.52	100.7	3.31	96.0	3.13
		76.1	120.6	4.10	113.9	3.72	108.1	3.52	105.3	3.52	100.7	3.31	96.0	3.13
	95	20.3	120.6	3.95	113.9	3.52	108.1	3.31	105.3	3.36	100.7	3.13	96.0	2.93
		25.4	120.6	3.90	113.9	3.52	108.1	3.31	105.3	3.31	100.7	3.13	96.0	2.93
		50.7	120.6	3.72	113.9	3.52	108.1	3.31	105.3	3.13	100.7	3.13	96.0	2.93
		63.4	120.6	3.72	113.9	3.52	108.1	3.31	105.3	3.13	100.7	3.13	96.0	2.93
		76.1	120.6	3.72	113.9	3.52	108.1	3.31	105.3	3.13	100.7	3.13	96.0	2.93
	104	20.3	120.6	3.57	113.9	3.36	108.1	3.18	105.3	2.93	100.7	2.98	96.0	2.73
		25.4	120.6	3.52	113.9	3.31	108.1	3.13	105.3	2.93	100.7	2.93	96.0	2.73
		50.7	120.6	3.31	113.9	3.13	108.1	2.93	105.3	2.93	100.7	2.73	96.0	2.73
		63.4	120.6	3.31	113.9	3.13	108.1	2.93	105.3	2.93	100.7	2.73	96.0	2.73
		76.1	120.6	3.31	113.9	3.13	108.1	2.93	105.3	2.93	100.7	2.73	96.0	2.73
	113	20.3	120.6	3.18	113.9	3.23	108.1	3.03	105.3	2.50	100.7	2.82	96.0	2.55
		25.4	120.6	3.13	113.9	3.13	108.1	2.93	105.3	2.55	100.7	2.73	96.0	2.55
		50.7	120.6	2.93	113.9	2.73	108.1	2.55	105.3	2.73	100.7	2.34	96.0	2.55
		63.4	120.6	2.93	113.9	2.73	108.1	2.55	105.3	2.73	100.7	2.34	96.0	2.55
		76.1	120.6	2.93	113.9	2.73	108.1	2.55	105.3	2.73	100.7	2.34	96.0	2.55

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN240DAS4, ARWB240DAS4

240,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
130	23	24.4	127.7	14.40	126.8	13.56	126.0	12.62	124.3	12.25	125.8	11.93	122.3	10.70
		30.5	132.1	14.65	131.1	13.82	130.4	12.90	128.6	12.52	130.1	12.19	126.6	10.93
		60.9	149.4	15.65	148.2	14.86	147.4	13.99	145.4	13.58	147.2	13.20	143.4	11.85
		76.1	165.3	16.64	163.8	15.88	162.8	15.08	160.7	14.67	162.8	14.25	158.5	12.78
		91.4	173.2	17.14	171.6	16.40	170.5	15.63	168.5	15.22	170.6	14.77	166.1	13.24
	32	24.4	228.2	19.69	223.0	19.11	218.2	18.48	213.5	17.96	214.2	17.47	204.4	15.65
		30.5	229.6	19.75	224.3	19.16	219.5	18.54	214.7	18.02	215.5	17.52	205.7	15.69
		60.9	235.1	19.96	229.3	19.34	224.5	18.75	219.8	18.23	220.5	17.71	210.7	15.88
		76.1	238.6	19.96	232.8	19.34	228.1	18.75	223.0	18.23	223.8	17.71	213.7	15.88
		91.4	240.4	19.96	234.6	19.34	229.8	18.75	224.7	18.23	225.4	17.71	215.3	15.88
	41	24.4	328.6	21.17	323.7	20.65	316.9	20.12	308.9	19.55	300.6	19.01	284.1	17.03
		30.5	329.8	21.27	324.3	20.74	317.0	20.22	308.9	19.65	300.6	19.11	284.1	17.12
		60.9	334.3	21.64	326.5	21.12	317.2	20.63	308.9	20.06	300.6	19.49	284.1	17.47
		76.1	336.3	21.79	327.5	21.27	317.2	20.77	308.9	20.20	300.6	19.63	284.1	17.59
		91.4	337.3	21.86	328.0	21.34	317.2	20.84	308.9	20.27	300.6	19.70	284.1	17.65
	50	24.4	329.1	19.26	323.7	18.62	315.9	18.27	307.7	17.86	299.5	17.25	282.9	15.56
		30.5	331.0	19.23	325.3	18.63	317.2	18.30	308.9	17.85	300.6	17.23	284.1	15.55
		60.9	338.8	19.08	331.3	18.70	322.2	18.44	314.0	17.83	305.2	17.19	288.6	15.50
		76.1	340.6	19.34	333.5	18.97	324.3	18.52	315.5	17.90	307.2	17.47	290.3	16.24
		91.4	341.5	19.48	334.7	19.10	325.3	18.55	316.2	17.93	308.2	17.62	291.2	16.61
	59	24.4	329.6	17.36	323.8	16.62	314.7	16.44	306.4	16.17	298.4	15.48	281.8	14.11
		30.5	332.3	17.19	326.3	16.55	317.2	16.41	308.9	16.05	300.6	15.36	284.1	13.99
		60.9	343.1	16.50	336.1	16.26	327.3	16.26	319.0	15.58	309.7	14.89	293.1	13.51
		76.1	344.8	16.90	339.3	16.64	331.3	16.26	322.2	15.58	314.0	15.31	296.6	14.89
		91.4	345.7	17.11	341.0	16.83	333.3	16.26	323.9	15.58	316.1	15.53	298.4	15.58
	68	24.4	342.1	15.93	335.8	15.18	327.0	14.85	317.9	14.38	308.7	14.06	290.4	13.63
		30.5	344.8	15.81	338.6	15.17	329.5	14.84	320.5	14.44	311.4	14.15	293.1	13.51
		60.9	355.6	15.36	349.4	15.13	339.6	14.79	330.5	14.67	322.2	14.53	303.9	13.06
		76.1	357.2	15.36	351.9	15.13	343.6	14.89	333.8	14.67	324.8	14.53	306.4	13.89
		91.4	357.9	15.36	353.1	15.13	345.6	14.94	335.4	14.67	326.0	14.53	307.7	14.31
	77	24.4	361.2	15.18	351.9	14.75	343.6	14.50	337.1	14.25	329.5	14.05	310.7	13.12
		30.5	361.2	15.13	351.9	14.72	343.6	14.44	337.1	14.20	329.5	13.99	310.7	13.06
		60.9	361.2	14.89	351.9	14.63	343.6	14.20	337.1	13.99	329.5	13.75	310.7	12.83
		76.1	361.2	14.67	351.9	14.25	343.6	13.99	337.1	13.75	329.5	13.51	310.7	12.61
		91.4	361.2	14.57	351.9	14.06	343.6	13.88	337.1	13.63	329.5	13.39	310.7	12.50
	86	24.4	361.2	14.79	351.9	14.06	343.6	13.93	337.1	13.57	329.5	13.42	310.7	12.49
		30.5	361.2	14.67	351.9	14.03	343.6	13.84	337.1	13.51	329.5	13.30	310.7	12.38
		60.9	361.2	14.20	351.9	13.94	343.6	13.51	337.1	13.30	329.5	12.83	310.7	11.92
		76.1	361.2	13.99	351.9	13.56	343.6	13.30	337.1	13.06	329.5	12.83	310.7	11.92
		91.4	361.2	13.88	351.9	13.37	343.6	13.19	337.1	12.94	329.5	12.83	310.7	11.92
	95	24.4	361.2	14.11	351.9	13.64	343.6	13.36	337.1	12.88	329.5	12.43	310.7	11.56
		30.5	361.2	13.99	351.9	13.56	343.6	13.30	337.1	12.83	329.5	12.38	310.7	11.45
		60.9	361.2	13.51	351.9	13.25	343.6	13.06	337.1	12.61	329.5	12.14	310.7	11.00
		76.1	361.2	13.51	351.9	13.11	343.6	12.83	337.1	12.38	329.5	11.92	310.7	11.00
		91.4	361.2	13.51	351.9	13.04	343.6	12.71	337.1	12.26	329.5	11.82	310.7	11.00
	104	24.4	361.2	13.63	351.9	13.19	343.6	12.94	337.1	12.49	329.5	12.04	310.7	10.88
		30.5	361.2	13.51	351.9	13.11	343.6	12.83	337.1	12.38	329.5	11.92	310.7	10.76
		60.9	361.2	13.06	351.9	12.78	343.6	12.38	337.1	11.92	329.5	11.45	310.7	10.31
		76.1	361.2	12.83	351.9	12.56	343.6	12.38	337.1	11.92	329.5	11.45	310.7	10.31
		91.4	361.2	12.71	351.9	12.46	343.6	12.38	337.1	11.92	329.5	11.45	310.7	10.31
	113	24.4	361.2	13.18	351.9	12.74	343.6	12.55	337.1	12.10	329.5	11.62	310.7	10.19
		30.5	361.2	13.06	351.9	12.66	343.6	12.38	337.1	11.92	329.5	11.45	310.7	10.08
		60.9	361.2	12.61	351.9	12.33	343.6	11.69	337.1	11.24	329.5	10.76	310.7	9.63
		76.1	361.2	12.14	351.9	12.02	343.6	11.92	337.1	11.45	329.5	11.00	310.7	9.63
		91.4	361.2	11.90	351.9	11.86	343.6	12.04	337.1	11.56	329.5	11.12	310.7	9.63

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN240DAS4, ARWB240DAS4

240,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
120	23	24.4	121.4	14.40	120.5	13.56	119.7	12.62	118.3	12.09	119.2	11.74	116.1	10.51
		30.5	125.6	14.65	124.6	13.82	123.8	12.90	122.3	12.35	123.3	12.00	120.1	10.74
		60.9	142.2	15.65	140.9	14.86	140.1	13.99	138.4	13.39	139.6	13.02	135.9	11.66
		76.1	157.0	16.64	155.7	15.88	154.7	15.08	153.0	14.46	154.2	14.03	149.9	12.56
		91.4	164.4	17.14	163.2	16.40	162.1	15.63	160.3	15.00	161.6	14.55	157.0	13.02
	32	24.4	217.0	19.69	211.7	19.11	207.2	18.48	203.0	17.70	203.0	17.21	193.7	15.39
		30.5	218.3	19.75	213.0	19.16	208.5	18.54	204.2	17.76	204.2	17.26	194.9	15.43
		60.9	223.3	19.96	218.0	19.34	213.5	18.75	209.0	17.97	209.0	17.45	199.7	15.62
		76.1	226.8	19.96	221.5	19.34	216.8	18.75	212.2	17.97	212.0	17.45	202.7	15.62
		91.4	228.6	19.96	223.3	19.34	218.4	18.75	213.9	17.97	213.5	17.45	204.2	15.62
	41	24.4	312.8	21.17	308.1	20.65	301.4	20.12	294.1	19.27	284.8	18.73	269.2	16.77
		30.5	314.0	21.27	308.7	20.74	301.4	20.22	294.1	19.37	284.8	18.82	269.2	16.86
		60.9	318.5	21.64	310.9	21.12	301.4	20.63	294.1	19.77	284.8	19.20	269.2	17.19
		76.1	320.2	21.79	309.2	21.27	301.4	20.77	294.1	19.91	284.8	19.34	269.2	17.31
		91.4	321.1	21.86	308.3	21.34	301.4	20.84	294.1	19.99	284.8	19.42	269.2	17.37
	50	24.4	314.0	19.02	308.2	18.49	300.6	18.12	293.3	17.57	284.1	16.99	268.5	15.27
		30.5	315.5	19.08	309.4	18.56	301.4	18.18	294.1	17.59	284.8	16.97	269.2	15.29
		60.9	321.2	19.34	314.5	18.85	304.7	18.44	297.4	17.69	287.8	16.93	272.0	15.36
		76.1	323.0	19.27	313.5	18.85	305.9	18.52	298.6	17.76	289.1	17.00	273.3	15.88
		91.4	323.9	19.24	312.9	18.85	306.5	18.55	299.3	17.79	289.7	17.03	273.9	16.15
	59	24.4	314.9	16.87	308.5	16.37	299.7	16.11	292.5	15.87	283.4	15.24	267.8	13.81
		30.5	316.7	16.90	310.4	16.41	301.4	16.14	294.1	15.81	284.8	15.13	269.2	13.75
		60.9	324.0	17.05	318.0	16.55	308.2	16.26	300.6	15.58	290.6	14.67	275.0	13.51
		76.1	325.8	16.78	317.7	16.41	310.7	16.26	303.2	15.58	293.1	14.67	277.5	14.44
		91.4	326.6	16.65	317.6	16.33	312.0	16.26	304.4	15.58	294.4	14.67	278.8	14.90
	68	24.4	323.7	15.17	317.6	14.53	308.0	14.14	299.5	13.93	289.8	13.76	274.1	13.06
		30.5	325.8	15.17	319.5	14.58	309.7	14.20	301.4	13.99	291.6	13.75	275.8	13.02
		60.9	334.0	15.17	327.0	14.79	316.5	14.44	308.9	14.20	298.9	13.70	282.3	12.83
		76.1	335.6	15.03	326.8	14.67	319.0	14.44	310.7	14.20	300.6	13.75	284.1	13.30
		91.4	336.3	14.96	326.6	14.61	320.2	14.44	311.6	14.20	301.5	13.77	285.0	13.54
	77	24.4	339.4	14.35	329.5	13.68	319.0	13.42	312.2	13.12	303.9	12.88	287.3	11.98
		30.5	339.6	14.30	329.5	13.66	319.0	13.39	312.2	13.06	303.9	12.83	287.3	11.92
		60.9	340.3	14.08	329.5	13.56	319.0	13.30	312.2	12.83	303.9	12.61	287.3	11.69
		76.1	341.3	13.56	329.5	13.20	319.0	13.06	312.2	12.83	303.9	12.38	287.3	11.69
		91.4	341.8	13.30	329.5	13.03	319.0	12.94	312.2	12.83	303.9	12.26	287.3	11.69
	86	24.4	341.3	13.72	329.5	13.05	319.0	12.67	312.2	12.19	303.9	12.04	287.3	11.06
		30.5	341.3	13.61	329.5	12.97	319.0	12.61	312.2	12.14	303.9	11.92	287.3	11.00
		60.9	341.3	13.16	329.5	12.66	319.0	12.38	312.2	11.92	303.9	11.45	287.3	10.76
		76.1	341.3	12.73	329.5	12.38	319.0	12.14	312.2	11.92	303.9	11.45	287.3	10.55
		91.4	341.3	12.52	329.5	12.23	319.0	12.02	312.2	11.92	303.9	11.45	287.3	10.44
	95	24.4	341.3	13.11	329.5	12.39	319.0	12.04	312.2	11.56	303.9	11.11	287.3	10.13
		30.5	341.3	12.92	329.5	12.28	319.0	11.92	312.2	11.45	303.9	11.00	287.3	10.08
		60.9	341.3	12.19	329.5	11.83	319.0	11.45	312.2	11.00	303.9	10.55	287.3	9.86
		76.1	341.3	12.04	329.5	11.73	319.0	11.45	312.2	11.00	303.9	10.55	287.3	9.63
		91.4	341.3	11.97	329.5	11.69	319.0	11.45	312.2	11.00	303.9	10.55	287.3	9.51
	104	24.4	341.3	12.72	329.5	11.83	319.0	11.36	312.2	10.88	303.9	10.43	287.3	9.44
		30.5	341.3	12.47	329.5	11.69	319.0	11.24	312.2	10.76	303.9	10.31	287.3	9.39
		60.9	341.3	11.50	329.5	11.14	319.0	10.76	312.2	10.31	303.9	9.86	287.3	9.17
		76.1	341.3	11.36	329.5	11.00	319.0	10.76	312.2	10.31	303.9	9.86	287.3	8.94
		91.4	341.3	11.28	329.5	10.93	319.0	10.76	312.2	10.31	303.9	9.86	287.3	8.82
	113	24.4	341.3	12.32	329.5	11.26	319.0	10.67	312.2	10.19	303.9	9.74	287.3	8.75
		30.5	341.3	12.02	329.5	11.09	319.0	10.55	312.2	10.08	303.9	9.63	287.3	8.70
		60.9	341.3	10.81	329.5	10.45	319.0	10.08	312.2	9.63	303.9	9.17	287.3	8.49
		76.1	341.3	10.67	329.5	10.27	319.0	10.08	312.2	9.63	303.9	9.17	287.3	8.25
		91.4	341.3	10.60	329.5	10.17	319.0	10.08	312.2	9.63	303.9	9.17	287.3	8.13

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN240DAS4, ARWB240DAS4

240,000 Btu/h, 460V Heat Pump and Heat Recovery Units

MULTI V WATER IV

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
110	23	24.4	114.9	14.59	114.1	13.56	113.4	12.62	112.2	12.09	112.5	11.74	110.0	10.51
		30.5	118.8	14.84	118.0	13.82	117.3	12.90	116.0	12.35	116.3	12.00	113.8	10.74
		60.9	134.4	15.84	133.6	14.86	132.9	13.99	131.4	13.39	131.4	13.02	128.8	11.66
		76.1	148.4	16.86	147.4	15.88	146.7	15.08	145.2	14.46	145.2	14.03	142.2	12.56
		91.4	155.5	17.37	154.4	16.40	153.6	15.63	152.1	15.00	152.1	14.55	148.9	13.02
	32	24.4	205.3	19.96	200.7	19.11	196.5	18.48	192.8	17.70	191.0	17.21	183.8	15.39
		30.5	206.5	20.01	201.9	19.16	197.7	18.54	193.9	17.76	192.1	17.26	184.9	15.43
		60.9	211.2	20.20	206.7	19.34	202.2	18.75	198.4	17.97	196.7	17.45	189.1	15.62
		76.1	214.5	20.20	210.0	19.34	205.5	18.75	201.4	17.97	199.7	17.45	191.9	15.62
		91.4	216.1	20.20	211.6	19.34	207.1	18.75	203.0	17.97	201.2	17.45	193.3	15.62
	41	24.4	299.4	21.45	292.3	20.65	285.5	20.12	279.0	19.27	268.2	18.73	255.2	16.77
		30.5	300.4	21.55	292.9	20.74	285.6	20.22	279.0	19.37	268.2	18.82	255.2	16.86
		60.9	304.4	21.93	295.1	21.12	285.8	20.63	279.0	19.77	268.2	19.20	255.2	17.19
		76.1	306.2	22.07	295.9	21.27	285.8	20.77	279.0	19.91	268.2	19.34	255.2	17.31
		91.4	307.1	22.14	296.2	21.34	285.8	20.84	279.0	19.99	268.2	19.42	255.2	17.37
	50	24.4	300.5	19.24	293.1	18.58	285.1	18.18	278.6	17.57	267.8	16.99	254.9	15.27
		30.5	301.6	19.27	293.9	18.63	285.6	18.23	279.0	17.59	268.2	16.97	255.2	15.29
		60.9	306.2	19.42	296.9	18.85	287.3	18.44	280.8	17.69	270.0	16.93	256.4	15.36
		76.1	307.9	19.42	298.1	18.85	288.3	18.40	281.3	17.64	270.5	17.00	257.2	15.53
		91.4	308.8	19.42	298.8	18.85	288.8	18.37	281.6	17.61	270.8	17.03	257.6	15.61
	59	24.4	301.4	17.02	293.5	16.55	285.0	16.26	278.2	15.87	267.4	15.24	254.5	13.81
		30.5	302.7	17.00	294.6	16.55	285.8	16.26	279.0	15.81	268.2	15.13	255.2	13.75
		60.9	307.7	16.90	298.9	16.55	289.1	16.26	282.3	15.58	271.8	14.67	257.7	13.51
		76.1	309.4	16.78	300.4	16.41	290.6	16.05	283.3	15.36	272.5	14.67	259.2	13.75
		91.4	310.3	16.72	301.2	16.33	291.4	15.94	283.8	15.25	272.9	14.67	260.0	13.87
	68	24.4	307.0	14.69	298.6	14.34	289.0	13.99	281.2	13.75	270.9	13.36	256.7	12.49
		30.5	308.7	14.72	299.6	14.34	289.8	13.99	282.3	13.75	271.8	13.30	257.7	12.47
		60.9	315.2	14.84	303.7	14.34	293.1	13.99	286.6	13.75	275.0	13.06	261.7	12.38
		76.1	317.0	14.84	306.2	14.34	294.9	13.99	287.3	13.51	276.5	13.06	262.5	12.38
		91.4	317.9	14.84	307.4	14.34	295.8	13.99	287.7	13.39	277.3	13.06	262.8	12.38
	77	24.4	316.6	13.37	307.2	12.88	294.9	12.67	288.3	12.19	278.3	11.75	263.5	10.76
		30.5	317.2	13.35	307.2	12.83	294.9	12.61	288.3	12.14	278.3	11.69	263.5	10.76
		60.9	319.7	13.25	307.2	12.61	294.9	12.38	288.3	11.92	278.3	11.45	263.5	10.76
		76.1	321.2	13.25	307.2	12.66	294.9	12.14	288.3	11.92	278.3	11.24	263.5	10.55
		91.4	322.0	13.25	307.2	12.68	294.9	12.02	288.3	11.92	278.3	11.13	263.5	10.44
	86	24.4	321.2	12.19	307.2	11.75	294.9	11.30	288.3	11.06	278.3	10.37	263.5	9.68
		30.5	321.2	12.14	307.2	11.69	294.9	11.24	288.3	11.00	278.3	10.31	263.5	9.63
		60.9	321.2	11.92	307.2	11.45	294.9	11.00	288.3	10.76	278.3	10.08	263.5	9.39
		76.1	321.2	11.83	307.2	11.24	294.9	10.76	288.3	10.55	278.3	10.08	263.5	9.39
		91.4	321.2	11.78	307.2	11.13	294.9	10.64	288.3	10.44	278.3	10.08	263.5	9.39
	95	24.4	321.2	11.56	307.2	10.82	294.9	10.37	288.3	9.92	278.3	9.44	263.5	8.75
		30.5	321.2	11.45	307.2	10.76	294.9	10.31	288.3	9.86	278.3	9.39	263.5	8.70
		60.9	321.2	11.00	307.2	10.55	294.9	10.08	288.3	9.63	278.3	9.17	263.5	8.49
		76.1	321.2	10.72	307.2	10.31	294.9	9.86	288.3	9.63	278.3	9.17	263.5	8.49
		91.4	321.2	10.57	307.2	10.19	294.9	9.75	288.3	9.63	278.3	9.17	263.5	8.49
	104	24.4	321.2	10.88	307.2	10.43	294.9	9.74	288.3	9.23	278.3	8.75	263.5	8.07
		30.5	321.2	10.76	307.2	10.31	294.9	9.63	288.3	9.17	278.3	8.70	263.5	8.01
		60.9	321.2	10.31	307.2	9.86	294.9	9.17	288.3	8.94	278.3	8.49	263.5	7.80
		76.1	321.2	10.17	307.2	9.63	294.9	9.17	288.3	8.70	278.3	8.25	263.5	7.56
		91.4	321.2	10.10	307.2	9.51	294.9	9.17	288.3	8.58	278.3	8.13	263.5	7.44
	113	24.4	321.2	10.19	307.2	10.04	294.9	9.11	288.3	8.55	278.3	8.07	263.5	7.38
		30.5	321.2	10.08	307.2	9.86	294.9	8.94	288.3	8.49	278.3	8.01	263.5	7.33
		60.9	321.2	9.63	307.2	9.17	294.9	8.25	288.3	8.25	278.3	7.80	263.5	7.11
		76.1	321.2	9.63	307.2	8.94	294.9	8.49	288.3	7.80	278.3	7.33	263.5	6.64
		91.4	321.2	9.63	307.2	8.82	294.9	8.61	288.3	7.57	278.3	7.09	263.5	6.40

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN240DAS4, ARWB240DAS4

240,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
100	23	24.4	108.5	14.59	107.8	13.75	107.3	12.62	106.4	12.09	105.4	11.55	103.4	10.51
		30.5	112.3	14.84	111.5	14.01	111.0	12.90	110.0	12.35	109.0	11.81	107.0	10.74
		60.9	127.1	15.84	126.3	15.05	125.6	13.99	124.3	13.39	123.3	12.83	121.3	11.66
		76.1	140.4	16.86	139.4	16.10	138.6	15.08	137.4	14.46	136.4	13.82	133.9	12.56
		91.4	147.1	17.37	146.0	16.62	145.2	15.63	144.0	15.00	143.0	14.32	140.2	13.02
	32	24.4	194.0	19.96	189.7	19.37	185.8	18.48	182.5	17.70	179.3	16.95	173.0	15.39
		30.5	195.2	20.01	190.9	19.42	186.9	18.54	183.6	17.76	180.3	17.00	174.1	15.43
		60.9	199.7	20.20	195.4	19.61	191.1	18.75	187.9	17.97	184.6	17.19	178.1	15.62
		76.1	202.7	20.20	198.4	19.61	194.1	18.75	190.6	17.97	187.4	17.19	180.8	15.62
		91.4	204.2	20.20	199.9	19.61	195.7	18.75	192.0	17.97	188.8	17.19	182.2	15.62
	41	24.4	286.3	21.45	276.8	20.93	269.7	20.12	264.2	19.27	251.7	18.44	240.1	16.77
		30.5	287.3	21.55	277.3	21.03	269.7	20.22	264.2	19.37	251.7	18.54	240.1	16.86
		60.9	291.3	21.93	279.3	21.41	270.0	20.63	264.2	19.77	251.7	18.92	240.1	17.19
		76.1	293.1	22.07	280.0	21.55	270.0	20.77	264.2	19.91	251.7	19.04	240.1	17.31
		91.4	294.0	22.14	280.4	21.62	270.0	20.84	264.2	19.99	251.7	19.10	240.1	17.37
	50	24.4	287.9	19.18	277.7	18.76	270.0	18.18	264.2	17.57	251.7	16.70	240.1	15.27
		30.5	288.6	19.27	278.0	18.82	270.0	18.23	264.2	17.59	251.7	16.71	240.1	15.29
		60.9	291.3	19.63	279.5	19.06	270.0	18.44	264.2	17.69	251.7	16.78	240.1	15.36
		76.1	293.4	19.56	280.8	19.06	270.0	18.40	264.2	17.64	251.7	16.74	240.1	15.29
		91.4	294.4	19.52	281.4	19.06	270.0	18.37	264.2	17.61	251.7	16.71	240.1	15.26
	59	24.4	289.5	16.91	278.9	16.63	270.0	16.26	264.2	15.87	251.7	14.94	240.1	13.81
		30.5	289.8	17.00	279.0	16.64	270.0	16.26	264.2	15.81	251.7	14.89	240.1	13.75
		60.9	291.3	17.33	279.8	16.69	270.0	16.26	264.2	15.58	251.7	14.67	240.1	13.51
		76.1	293.9	17.05	281.3	16.55	270.0	16.05	264.2	15.36	251.7	14.44	240.1	13.30
		91.4	295.1	16.90	282.1	16.48	270.0	15.94	264.2	15.25	251.7	14.32	240.1	13.19
	68	24.4	291.0	14.47	280.4	14.09	270.0	13.75	264.2	13.57	251.7	12.67	240.1	12.04
		30.5	292.1	14.53	280.5	14.11	270.0	13.75	264.2	13.51	251.7	12.61	240.1	11.92
		60.9	296.4	14.79	281.3	14.15	270.0	13.75	264.2	13.30	251.7	12.38	240.1	11.45
		76.1	298.1	14.53	283.8	14.03	270.0	13.51	264.2	13.06	251.7	12.14	240.1	11.24
		91.4	299.0	14.40	285.1	13.97	270.0	13.39	264.2	12.94	251.7	12.02	240.1	11.13
	77	24.4	294.5	12.65	284.8	12.25	270.0	11.75	264.2	11.30	251.7	10.61	240.1	9.63
		30.5	295.6	12.66	284.8	12.19	270.0	11.69	264.2	11.24	251.7	10.55	240.1	9.63
		60.9	299.9	12.71	284.8	11.92	270.0	11.45	264.2	11.00	251.7	10.31	240.1	9.63
		76.1	301.4	12.42	284.8	11.83	270.0	11.24	264.2	10.76	251.7	10.31	240.1	9.39
		91.4	302.2	12.28	284.8	11.78	270.0	11.13	264.2	10.64	251.7	10.31	240.1	9.27
	86	24.4	301.4	11.50	284.8	10.61	270.0	9.89	264.2	9.68	251.7	8.94	240.1	8.55
		30.5	301.4	11.45	284.8	10.55	270.0	9.86	264.2	9.63	251.7	8.94	240.1	8.49
		60.9	301.4	11.24	284.8	10.31	270.0	9.77	264.2	9.39	251.7	8.94	240.1	8.25
		76.1	301.4	11.00	284.8	10.31	270.0	9.63	264.2	9.39	251.7	8.70	240.1	8.25
		91.4	301.4	10.88	284.8	10.31	270.0	9.55	264.2	9.39	251.7	8.58	240.1	8.25
	95	24.4	301.4	10.67	284.8	9.74	270.0	8.72	264.2	8.55	251.7	8.07	240.1	7.38
		30.5	301.4	10.55	284.8	9.63	270.0	8.70	264.2	8.49	251.7	8.01	240.1	7.33
		60.9	301.4	10.08	284.8	9.17	270.0	8.61	264.2	8.25	251.7	7.80	240.1	7.11
		76.1	301.4	10.08	284.8	9.17	270.0	8.49	264.2	8.25	251.7	7.80	240.1	7.11
		91.4	301.4	10.08	284.8	9.17	270.0	8.43	264.2	8.25	251.7	7.80	240.1	7.11
	104	24.4	301.4	9.98	284.8	9.05	270.0	7.82	264.2	7.62	251.7	7.17	240.1	6.69
		30.5	301.4	9.86	284.8	8.94	270.0	7.80	264.2	7.56	251.7	7.11	240.1	6.64
		60.9	301.4	9.39	284.8	8.49	270.0	7.70	264.2	7.33	251.7	6.88	240.1	6.42
		76.1	301.4	9.17	284.8	8.49	270.0	7.56	264.2	7.33	251.7	6.88	240.1	6.42
		91.4	301.4	9.07	284.8	8.49	270.0	7.49	264.2	7.33	251.7	6.88	240.1	6.42
	113	24.4	301.4	9.29	284.8	8.36	270.0	6.90	264.2	6.69	251.7	6.25	240.1	6.00
		30.5	301.4	9.17	284.8	8.25	270.0	6.88	264.2	6.64	251.7	6.19	240.1	5.95
		60.9	301.4	8.70	284.8	7.80	270.0	6.78	264.2	6.42	251.7	5.95	240.1	5.74
		76.1	301.4	8.25	284.8	7.80	270.0	6.64	264.2	6.42	251.7	5.95	240.1	5.74
		91.4	301.4	8.02	284.8	7.80	270.0	6.57	264.2	6.42	251.7	5.95	240.1	5.74

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN240DAS4, ARWB240DAS4

240,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
90	23	24.4	102.4	13.54	99.3	12.33	96.4	10.83	95.7	10.32	94.9	9.95	93.3	8.93
		30.5	106.0	13.77	102.7	12.56	99.7	11.07	99.0	10.55	98.2	10.17	96.4	9.13
		60.9	120.1	14.70	116.3	13.49	112.8	12.02	112.0	11.45	111.3	11.05	109.0	9.91
		76.1	132.6	15.62	128.3	14.44	124.6	12.97	123.6	12.35	122.8	11.90	120.6	10.69
		91.4	138.9	16.09	134.4	14.92	130.5	13.45	129.4	12.81	128.6	12.33	126.4	11.09
	32	24.4	183.3	18.44	174.8	17.31	166.8	15.89	164.3	15.15	161.6	14.59	155.5	13.10
		30.5	184.4	18.49	175.8	17.35	167.8	15.93	165.3	15.20	162.5	14.63	156.5	13.13
		60.9	188.6	18.68	179.8	17.54	171.8	16.10	169.0	15.36	166.3	14.79	160.2	13.28
		76.1	191.4	18.68	182.6	17.54	174.6	16.10	171.5	15.36	169.0	14.79	162.8	13.28
		91.4	192.8	18.68	184.0	17.54	176.0	16.10	172.8	15.36	170.4	14.79	164.0	13.28
	41	24.4	258.9	19.80	250.6	18.69	242.6	17.29	237.6	16.49	227.1	15.87	216.3	14.25
		30.5	259.2	19.89	250.4	18.78	242.6	17.38	237.6	16.57	227.1	15.95	216.3	14.32
		60.9	260.2	20.25	249.7	19.13	242.6	17.71	237.6	16.90	227.1	16.29	216.3	14.60
		76.1	261.7	20.36	250.4	19.25	242.6	17.85	237.6	17.02	227.1	16.41	216.3	14.72
		91.4	262.5	20.42	250.8	19.31	242.6	17.92	237.6	17.08	227.1	16.46	216.3	14.78
	50	24.4	260.3	17.48	251.5	16.62	242.6	15.65	237.6	15.01	227.1	14.40	216.3	12.98
		30.5	260.2	17.50	251.2	16.64	242.6	15.67	237.6	15.03	227.1	14.39	216.3	12.99
		60.9	259.7	17.54	249.9	16.71	242.6	15.74	237.6	15.10	227.1	14.34	216.3	13.04
		76.1	261.5	17.50	250.7	16.67	242.6	15.69	237.6	15.05	227.1	14.39	216.3	13.09
		91.4	262.3	17.47	251.0	16.64	242.6	15.67	237.6	15.03	227.1	14.41	216.3	13.11
	59	24.4	261.7	15.14	252.4	14.59	242.6	14.05	237.6	13.57	227.1	12.94	216.3	11.75
		30.5	261.2	15.08	251.9	14.53	242.6	13.99	237.6	13.51	227.1	12.83	216.3	11.69
		60.9	259.5	14.84	250.2	14.30	242.6	13.75	237.6	13.30	227.1	12.38	216.3	11.45
		76.1	261.2	14.63	250.9	14.08	242.6	13.51	237.6	13.06	227.1	12.38	216.3	11.45
		91.4	262.1	14.52	251.3	13.97	242.6	13.39	237.6	12.94	227.1	12.38	216.3	11.45
	68	24.4	263.2	12.78	253.4	12.41	242.6	11.98	237.6	11.50	227.1	11.11	216.3	10.43
		30.5	263.0	12.78	252.9	12.38	242.6	11.92	237.6	11.45	227.1	11.00	216.3	10.31
		60.9	262.0	12.78	250.9	12.23	242.6	11.69	237.6	11.24	227.1	10.55	216.3	9.86
		76.1	262.7	12.56	251.7	12.14	242.6	11.69	237.6	11.24	227.1	10.55	216.3	9.86
		91.4	263.1	12.46	252.0	12.09	242.6	11.69	237.6	11.24	227.1	10.55	216.3	9.86
	77	24.4	267.6	11.17	256.7	10.57	242.6	10.13	237.6	9.63	227.1	9.23	216.3	8.55
		30.5	268.2	11.14	256.7	10.55	242.6	10.08	237.6	9.63	227.1	9.17	216.3	8.49
		60.9	270.8	11.05	256.7	10.45	242.6	9.86	237.6	9.63	227.1	8.94	216.3	8.25
		76.1	271.8	10.76	256.7	10.22	242.6	9.86	237.6	9.39	227.1	8.94	216.3	8.25
		91.4	272.3	10.62	256.7	10.10	242.6	9.86	237.6	9.27	227.1	8.94	216.3	8.25
	86	24.4	271.8	10.13	256.7	9.44	242.6	8.75	237.6	8.55	227.1	8.07	216.3	7.33
		30.5	271.8	10.08	256.7	9.39	242.6	8.70	237.6	8.49	227.1	8.01	216.3	7.33
		60.9	271.8	9.86	256.7	9.17	242.6	8.49	237.6	8.25	227.1	7.80	216.3	7.33
		76.1	271.8	9.63	256.7	8.94	242.6	8.49	237.6	8.25	227.1	7.80	216.3	7.11
		91.4	271.8	9.51	256.7	8.82	242.6	8.49	237.6	8.25	227.1	7.80	216.3	7.00
	95	24.4	271.8	9.23	256.7	8.55	242.6	7.86	237.6	7.62	227.1	7.17	216.3	6.69
		30.5	271.8	9.17	256.7	8.49	242.6	7.80	237.6	7.56	227.1	7.11	216.3	6.64
		60.9	271.8	8.94	256.7	8.25	242.6	7.56	237.6	7.33	227.1	6.88	216.3	6.42
		76.1	271.8	8.70	256.7	8.01	242.6	7.33	237.6	7.11	227.1	6.88	216.3	6.42
		91.4	271.8	8.58	256.7	7.89	242.6	7.21	237.6	7.00	227.1	6.88	216.3	6.42
	104	24.4	271.8	8.61	256.7	7.86	242.6	6.93	237.6	6.69	227.1	6.48	216.3	6.00
		30.5	271.8	8.49	256.7	7.80	242.6	6.88	237.6	6.64	227.1	6.42	216.3	5.95
		60.9	271.8	8.01	256.7	7.56	242.6	6.64	237.6	6.42	227.1	6.19	216.3	5.74
		76.1	271.8	8.01	256.7	7.56	242.6	6.64	237.6	6.42	227.1	6.19	216.3	5.74
		91.4	271.8	8.01	256.7	7.56	242.6	6.64	237.6	6.42	227.1	6.19	216.3	5.74
	113	24.4	271.8	7.97	256.7	7.17	242.6	6.00	237.6	5.80	227.1	5.80	216.3	5.32
		30.5	271.8	7.80	256.7	7.11	242.6	5.95	237.6	5.74	227.1	5.74	216.3	5.26
		60.9	271.8	7.11	256.7	6.88	242.6	5.74	237.6	5.50	227.1	5.50	216.3	5.05
		76.1	271.8	7.33	256.7	7.11	242.6	5.95	237.6	5.74	227.1	5.50	216.3	5.05
		91.4	271.8	7.43	256.7	7.23	242.6	6.06	237.6	5.86	227.1	5.50	216.3	5.05

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN240DAS4, ARWB240DAS4

240,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
80	23	24.4	96.9	9.65	90.8	9.28	86.0	8.89	85.0	8.59	84.5	8.19	82.8	7.54
		30.5	100.2	9.86	93.9	9.48	88.9	9.08	87.9	8.77	87.4	8.37	85.6	7.70
		60.9	113.3	10.72	106.2	10.29	100.5	9.84	99.5	9.51	99.0	9.08	96.9	8.34
		76.1	125.3	11.55	117.3	11.09	111.0	10.62	109.8	10.27	109.3	9.79	107.0	9.01
		91.4	131.4	11.96	122.9	11.50	116.3	11.01	114.9	10.65	114.4	10.15	112.1	9.34
	32	24.4	173.0	14.16	159.5	13.59	148.6	13.03	145.8	12.58	143.8	11.98	138.3	11.04
		30.5	174.1	14.20	160.5	13.63	149.4	13.06	146.7	12.61	144.7	12.02	139.1	11.07
		60.9	178.3	14.37	164.3	13.80	153.0	13.20	150.2	12.75	148.2	12.16	142.4	11.19
		76.1	180.8	14.37	166.8	13.80	155.5	13.20	152.5	12.75	150.4	12.16	144.7	11.19
		91.4	182.1	14.37	168.0	13.80	156.7	13.20	153.6	12.75	151.6	12.16	145.8	11.19
	41	24.4	239.4	15.40	225.9	14.82	215.9	14.15	211.2	13.68	202.2	13.04	192.1	12.00
		30.5	239.9	15.48	226.3	14.89	216.0	14.22	211.2	13.75	202.2	13.11	192.1	12.07
		60.9	241.9	15.81	228.1	15.17	216.3	14.53	211.2	14.03	202.2	13.37	192.1	12.33
		76.1	241.9	15.91	227.8	15.29	216.3	14.63	211.2	14.13	202.2	13.47	192.1	12.40
		91.4	241.9	15.96	227.7	15.35	216.3	14.67	211.2	14.18	202.2	13.51	192.1	12.43
	50	24.4	240.6	14.17	226.8	13.53	215.9	12.84	211.2	12.49	202.2	11.82	192.1	10.95
		30.5	240.9	14.15	227.1	13.51	216.0	12.85	211.2	12.49	202.2	11.83	192.1	10.95
		60.9	241.9	14.08	228.1	13.44	216.3	12.87	211.2	12.52	202.2	11.85	192.1	10.98
		76.1	241.9	14.03	227.8	13.49	216.3	12.92	211.2	12.45	202.2	11.78	192.1	10.91
		91.4	241.9	14.01	227.7	13.51	216.3	12.94	211.2	12.41	202.2	11.75	192.1	10.87
	59	24.4	241.9	12.94	227.8	12.25	216.3	11.50	211.2	11.30	202.2	10.61	192.1	9.92
		30.5	241.9	12.83	227.8	12.14	216.3	11.45	211.2	11.24	202.2	10.55	192.1	9.86
		60.9	241.9	12.38	227.8	11.69	216.3	11.24	211.2	11.00	202.2	10.31	192.1	9.63
		76.1	241.9	12.14	227.8	11.69	216.3	11.24	211.2	10.76	202.2	10.08	192.1	9.39
		91.4	241.9	12.02	227.8	11.69	216.3	11.24	211.2	10.64	202.2	9.96	192.1	9.27
	68	24.4	241.9	10.82	227.8	10.37	216.3	9.86	211.2	9.68	202.2	9.23	192.1	8.55
		30.5	241.9	10.76	227.8	10.31	216.3	9.86	211.2	9.63	202.2	9.17	192.1	8.49
		60.9	241.9	10.55	227.8	10.08	216.3	9.86	211.2	9.39	202.2	8.94	192.1	8.25
		76.1	241.9	10.31	227.8	9.86	216.3	9.63	211.2	9.39	202.2	8.70	192.1	8.25
		91.4	241.9	10.19	227.8	9.75	216.3	9.51	211.2	9.39	202.2	8.58	192.1	8.25
	77	24.4	241.9	9.68	227.8	9.00	216.3	8.49	211.2	8.31	202.2	7.86	192.1	7.38
		30.5	241.9	9.63	227.8	8.94	216.3	8.49	211.2	8.25	202.2	7.80	192.1	7.33
		60.9	241.9	9.39	227.8	8.70	216.3	8.49	211.2	8.01	202.2	7.56	192.1	7.11
		76.1	241.9	9.17	227.8	8.70	216.3	8.25	211.2	8.01	202.2	7.56	192.1	7.11
		91.4	241.9	9.07	227.8	8.70	216.3	8.13	211.2	8.01	202.2	7.56	192.1	7.11
	86	24.4	241.9	8.55	227.8	8.07	216.3	7.62	211.2	7.38	202.2	6.93	192.1	6.48
		30.5	241.9	8.49	227.8	8.01	216.3	7.56	211.2	7.33	202.2	6.88	192.1	6.42
		60.9	241.9	8.25	227.8	7.80	216.3	7.33	211.2	7.11	202.2	6.64	192.1	6.19
		76.1	241.9	8.25	227.8	7.80	216.3	7.33	211.2	7.11	202.2	6.64	192.1	6.19
		91.4	241.9	8.25	227.8	7.80	216.3	7.33	211.2	7.11	202.2	6.64	192.1	6.19
	95	24.4	241.9	7.86	227.8	7.38	216.3	6.69	211.2	6.42	202.2	6.25	192.1	5.74
		30.5	241.9	7.80	227.8	7.33	216.3	6.64	211.2	6.42	202.2	6.19	192.1	5.74
		60.9	241.9	7.56	227.8	7.11	216.3	6.42	211.2	6.42	202.2	5.95	192.1	5.74
		76.1	241.9	7.56	227.8	6.88	216.3	6.42	211.2	6.19	202.2	5.95	192.1	5.50
		91.4	241.9	7.56	227.8	6.76	216.3	6.42	211.2	6.07	202.2	5.95	192.1	5.38
	104	24.4	241.9	7.44	227.8	6.69	216.3	5.95	211.2	6.00	202.2	5.50	192.1	5.32
		30.5	241.9	7.33	227.8	6.64	216.3	5.95	211.2	5.95	202.2	5.50	192.1	5.26
		60.9	241.9	6.88	227.8	6.42	216.3	5.95	211.2	5.74	202.2	5.50	192.1	5.05
		76.1	241.9	6.88	227.8	6.42	216.3	5.74	211.2	5.74	202.2	5.50	192.1	5.05
		91.4	241.9	6.88	227.8	6.42	216.3	5.63	211.2	5.74	202.2	5.50	192.1	5.05
	113	24.4	241.9	7.05	227.8	6.00	216.3	5.20	211.2	5.61	202.2	4.75	192.1	4.93
		30.5	241.9	6.88	227.8	5.95	216.3	5.26	211.2	5.50	202.2	4.81	192.1	4.81
		60.9	241.9	6.19	227.8	5.74	216.3	5.50	211.2	5.05	202.2	5.05	192.1	4.36
		76.1	241.9	6.19	227.8	5.95	216.3	5.05	211.2	5.26	202.2	5.05	192.1	4.58
		91.4	241.9	6.19	227.8	6.06	216.3	4.82	211.2	5.37	202.2	5.05	192.1	4.68

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

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HEATING CAPACITY DATA

ARWN240DAS4, ARWB240DAS4

240,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
70	23	24.4	84.5	8.28	79.4	7.89	75.1	7.63	74.3	7.19	73.8	6.94	72.6	6.31
		30.5	87.4	8.46	82.1	8.06	77.6	7.80	76.9	7.35	76.4	7.09	75.1	6.45
		60.9	99.0	9.17	92.9	8.75	87.7	8.46	86.9	7.97	86.4	7.68	84.9	6.99
		76.1	109.5	9.91	102.7	9.44	96.9	9.13	96.2	8.58	95.4	8.30	93.7	7.54
		91.4	114.8	10.28	107.7	9.78	101.6	9.46	100.9	8.89	100.0	8.61	98.1	7.81
	32	24.4	151.3	12.13	139.8	11.56	129.8	11.18	127.6	10.52	125.6	10.16	121.1	9.25
		30.5	152.2	12.16	140.7	11.59	130.6	11.21	128.3	10.55	126.3	10.19	121.8	9.27
		60.9	155.7	12.30	143.9	11.71	133.6	11.36	131.4	10.67	129.3	10.31	124.6	9.36
		76.1	158.0	12.30	146.2	11.71	135.6	11.36	133.4	10.67	131.4	10.31	126.6	9.36
		91.4	159.1	12.30	147.3	11.71	136.6	11.36	134.4	10.67	132.4	10.31	127.6	9.36
	41	24.4	209.0	13.21	198.0	12.57	188.6	12.17	184.6	11.47	176.3	11.06	168.0	10.05
		30.5	209.5	13.28	198.4	12.64	188.6	12.23	184.6	11.52	176.3	11.12	168.0	10.10
		60.9	211.2	13.54	199.9	12.90	188.9	12.49	184.6	11.73	176.3	11.36	168.0	10.31
		76.1	211.2	13.63	199.7	12.99	188.9	12.59	184.6	11.83	176.3	11.43	168.0	10.38
		91.4	211.2	13.68	199.5	13.04	188.9	12.64	184.6	11.88	176.3	11.46	168.0	10.42
	50	24.4	210.0	12.16	198.7	11.50	188.9	11.07	184.6	10.45	176.3	10.03	168.0	9.17
		30.5	210.2	12.14	198.9	11.47	188.9	11.05	184.6	10.45	176.3	10.03	168.0	9.17
		60.9	211.2	12.04	199.7	11.38	188.9	10.95	184.6	10.45	176.3	10.03	168.0	9.17
		76.1	211.2	12.09	199.7	11.43	188.9	11.00	184.6	10.50	176.3	9.96	168.0	9.20
		91.4	211.2	12.11	199.7	11.45	188.9	11.02	184.6	10.53	176.3	9.92	168.0	9.21
	59	24.4	211.2	11.11	199.7	10.43	188.9	9.98	184.6	9.44	176.3	9.00	168.0	8.31
		30.5	211.2	11.00	199.7	10.31	188.9	9.86	184.6	9.39	176.3	8.94	168.0	8.25
		60.9	211.2	10.55	199.7	9.86	188.9	9.39	184.6	9.17	176.3	8.70	168.0	8.01
		76.1	211.2	10.55	199.7	9.86	188.9	9.39	184.6	9.17	176.3	8.49	168.0	8.01
		91.4	211.2	10.55	199.7	9.86	188.9	9.39	184.6	9.17	176.3	8.38	168.0	8.01
	68	24.4	211.2	9.23	199.7	8.75	188.9	8.55	184.6	8.31	176.3	7.86	168.0	7.38
		30.5	211.2	9.17	199.7	8.70	188.9	8.49	184.6	8.25	176.3	7.80	168.0	7.33
		60.9	211.2	8.94	199.7	8.49	188.9	8.25	184.6	8.01	176.3	7.56	168.0	7.11
		76.1	211.2	8.94	199.7	8.49	188.9	8.25	184.6	7.80	176.3	7.56	168.0	6.88
		91.4	211.2	8.94	199.7	8.49	188.9	8.25	184.6	7.69	176.3	7.56	168.0	6.76
	77	24.4	211.2	8.31	199.7	7.86	188.9	7.38	184.6	7.17	176.3	6.64	168.0	6.19
		30.5	211.2	8.25	199.7	7.80	188.9	7.33	184.6	7.11	176.3	6.64	168.0	6.19
		60.9	211.2	8.01	199.7	7.56	188.9	7.11	184.6	6.88	176.3	6.64	168.0	6.19
		76.1	211.2	7.80	199.7	7.33	188.9	7.11	184.6	6.88	176.3	6.42	168.0	6.19
		91.4	211.2	7.69	199.7	7.21	188.9	7.11	184.6	6.88	176.3	6.32	168.0	6.19
	86	24.4	211.2	7.38	199.7	6.93	188.9	6.48	184.6	6.19	176.3	6.00	168.0	5.50
		30.5	211.2	7.33	199.7	6.88	188.9	6.42	184.6	6.19	176.3	5.95	168.0	5.50
		60.9	211.2	7.11	199.7	6.64	188.9	6.19	184.6	6.19	176.3	5.74	168.0	5.50
		76.1	211.2	7.11	199.7	6.64	188.9	6.19	184.6	5.95	176.3	5.74	168.0	5.50
		91.4	211.2	7.11	199.7	6.64	188.9	6.19	184.6	5.83	176.3	5.74	168.0	5.50
	95	24.4	211.2	6.69	199.7	6.25	188.9	5.74	184.6	5.80	176.3	5.26	168.0	5.11
		30.5	211.2	6.64	199.7	6.19	188.9	5.74	184.6	5.74	176.3	5.26	168.0	5.05
		60.9	211.2	6.42	199.7	5.95	188.9	5.74	184.6	5.50	176.3	5.26	168.0	4.81
		76.1	211.2	6.42	199.7	5.95	188.9	5.50	184.6	5.50	176.3	5.26	168.0	4.81
		91.4	211.2	6.42	199.7	5.95	188.9	5.38	184.6	5.50	176.3	5.26	168.0	4.81
	104	24.4	211.2	6.25	199.7	5.80	188.9	5.32	184.6	5.05	176.3	4.81	168.0	4.63
		30.5	211.2	6.19	199.7	5.74	188.9	5.26	184.6	5.05	176.3	4.81	168.0	4.58
		60.9	211.2	5.95	199.7	5.50	188.9	5.05	184.6	5.05	176.3	4.81	168.0	4.36
		76.1	211.2	5.95	199.7	5.50	188.9	5.05	184.6	4.81	176.3	4.58	168.0	4.36
		91.4	211.2	5.95	199.7	5.50	188.9	5.05	184.6	4.69	176.3	4.46	168.0	4.36
	113	24.4	211.2	5.80	199.7	5.32	188.9	4.93	184.6	4.31	176.3	4.36	168.0	4.18
		30.5	211.2	5.74	199.7	5.26	188.9	4.81	184.6	4.36	176.3	4.36	168.0	4.13
		60.9	211.2	5.50	199.7	5.05	188.9	4.36	184.6	4.58	176.3	4.36	168.0	3.89
		76.1	211.2	5.50	199.7	5.05	188.9	4.58	184.6	4.13	176.3	3.89	168.0	3.89
		91.4	211.2	5.50	199.7	5.05	188.9	4.68	184.6	3.90	176.3	3.65	168.0	3.89

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN240DAS4, ARWB240DAS4

240,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
60	23	24.4	72.6	6.73	68.0	6.47	64.3	6.22	63.6	5.78	63.3	5.68	62.1	5.08
		30.5	75.1	6.88	70.3	6.61	66.6	6.35	65.8	5.90	65.6	5.81	64.3	5.19
		60.9	85.1	7.47	79.6	7.18	75.3	6.90	74.6	6.40	74.3	6.31	72.8	5.64
		76.1	93.9	8.04	87.9	7.75	83.4	7.44	82.4	6.92	82.1	6.80	80.4	6.07
		91.4	98.4	8.32	92.1	8.04	87.4	7.72	86.3	7.19	86.1	7.05	84.2	6.28
	32	24.4	129.8	9.86	119.6	9.51	111.6	9.10	109.4	8.46	107.9	8.34	103.9	7.45
		30.5	130.6	9.89	120.3	9.53	112.3	9.13	110.0	8.49	108.5	8.37	104.5	7.47
		60.9	133.6	10.00	123.1	9.63	115.0	9.25	112.5	8.58	111.0	8.46	106.7	7.54
		76.1	135.6	10.00	125.1	9.63	116.8	9.25	114.3	8.58	112.8	8.46	108.5	7.54
		91.4	136.6	10.00	126.1	9.63	117.7	9.25	115.2	8.58	113.7	8.46	109.4	7.54
	41	24.4	179.5	10.73	169.2	10.33	162.3	9.90	158.2	9.22	151.5	9.08	144.2	8.09
		30.5	179.8	10.79	169.5	10.38	162.3	9.96	158.2	9.27	151.5	9.13	144.2	8.13
		60.9	181.3	11.00	170.8	10.60	162.3	10.17	158.2	9.46	151.5	9.32	144.2	8.30
		76.1	181.3	11.09	170.5	10.67	162.3	10.24	158.2	9.53	151.5	9.36	144.2	8.37
		91.4	181.3	11.14	170.4	10.70	162.3	10.28	158.2	9.57	151.5	9.39	144.2	8.40
	50	24.4	180.4	9.86	169.8	9.44	162.3	8.98	158.2	8.39	151.5	8.23	144.2	7.38
		30.5	180.6	9.86	170.0	9.44	162.3	8.98	158.2	8.42	151.5	8.23	144.2	7.40
		60.9	181.3	9.86	170.8	9.44	162.3	8.98	158.2	8.51	151.5	8.20	144.2	7.47
		76.1	181.3	9.89	170.5	9.34	162.3	8.89	158.2	8.42	151.5	8.13	144.2	7.40
		91.4	181.3	9.90	170.4	9.29	162.3	8.84	158.2	8.37	151.5	8.10	144.2	7.36
	59	24.4	181.3	9.00	170.5	8.55	162.3	8.07	158.2	7.56	151.5	7.38	144.2	6.64
		30.5	181.3	8.94	170.5	8.49	162.3	8.01	158.2	7.56	151.5	7.33	144.2	6.64
		60.9	181.3	8.70	170.5	8.25	162.3	7.80	158.2	7.56	151.5	7.11	144.2	6.64
		76.1	181.3	8.70	170.5	8.01	162.3	7.56	158.2	7.33	151.5	6.88	144.2	6.42
		91.4	181.3	8.70	170.5	7.89	162.3	7.44	158.2	7.21	151.5	6.76	144.2	6.32
	68	24.4	181.3	7.86	170.5	7.38	162.3	6.93	158.2	6.69	151.5	6.48	144.2	6.00
		30.5	181.3	7.80	170.5	7.33	162.3	6.88	158.2	6.64	151.5	6.42	144.2	5.95
		60.9	181.3	7.56	170.5	7.11	162.3	6.64	158.2	6.42	151.5	6.19	144.2	5.74
		76.1	181.3	7.56	170.5	7.11	162.3	6.64	158.2	6.42	151.5	6.19	144.2	5.74
		91.4	181.3	7.56	170.5	7.11	162.3	6.64	158.2	6.42	151.5	6.19	144.2	5.74
	77	24.4	181.3	6.93	170.5	6.48	162.3	5.95	158.2	6.00	151.5	5.50	144.2	5.32
		30.5	181.3	6.88	170.5	6.42	162.3	5.95	158.2	5.95	151.5	5.50	144.2	5.26
		60.9	181.3	6.64	170.5	6.19	162.3	5.95	158.2	5.74	151.5	5.50	144.2	5.05
		76.1	181.3	6.64	170.5	6.19	162.3	5.74	158.2	5.74	151.5	5.50	144.2	5.05
		91.4	181.3	6.64	170.5	6.19	162.3	5.63	158.2	5.74	151.5	5.50	144.2	5.05
	86	24.4	181.3	6.25	170.5	5.80	162.3	5.56	158.2	5.32	151.5	5.11	144.2	4.87
		30.5	181.3	6.19	170.5	5.74	162.3	5.50	158.2	5.26	151.5	5.05	144.2	4.81
		60.9	181.3	5.95	170.5	5.50	162.3	5.26	158.2	5.05	151.5	4.81	144.2	4.58
		76.1	181.3	5.95	170.5	5.50	162.3	5.26	158.2	5.05	151.5	4.81	144.2	4.58
		91.4	181.3	5.95	170.5	5.50	162.3	5.26	158.2	5.05	151.5	4.81	144.2	4.58
	95	24.4	181.3	5.50	170.5	5.32	162.3	4.81	158.2	4.87	151.5	4.63	144.2	4.42
		30.5	181.3	5.50	170.5	5.26	162.3	4.81	158.2	4.81	151.5	4.58	144.2	4.36
		60.9	181.3	5.50	170.5	5.05	162.3	4.81	158.2	4.58	151.5	4.36	144.2	4.13
		76.1	181.3	5.50	170.5	5.05	162.3	4.58	158.2	4.58	151.5	4.36	144.2	4.13
		91.4	181.3	5.50	170.5	5.05	162.3	4.46	158.2	4.58	151.5	4.36	144.2	4.13
	104	24.4	181.3	5.05	170.5	4.87	162.3	4.36	158.2	4.42	151.5	4.18	144.2	3.89
		30.5	181.3	5.05	170.5	4.81	162.3	4.36	158.2	4.36	151.5	4.13	144.2	3.89
		60.9	181.3	5.05	170.5	4.58	162.3	4.36	158.2	4.13	151.5	3.89	144.2	3.89
		76.1	181.3	5.05	170.5	4.58	162.3	4.36	158.2	4.13	151.5	3.89	144.2	3.89
		91.4	181.3	5.05	170.5	4.58	162.3	4.36	158.2	4.13	151.5	3.89	144.2	3.89
	113	24.4	181.3	4.58	170.5	4.42	162.3	3.89	158.2	3.94	151.5	3.73	144.2	3.38
		30.5	181.3	4.58	170.5	4.36	162.3	3.89	158.2	3.89	151.5	3.67	144.2	3.44
		60.9	181.3	4.58	170.5	4.13	162.3	3.89	158.2	3.67	151.5	3.44	144.2	3.67
		76.1	181.3	4.58	170.5	4.13	162.3	4.13	158.2	3.67	151.5	3.44	144.2	3.67
		91.4	181.3	4.58	170.5	4.13	162.3	4.24	158.2	3.67	151.5	3.44	144.2	3.67

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN240DAS4, ARWB240DAS4

240,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
50	23	24.4	60.5	5.36	56.9	5.08	53.7	4.81	52.9	4.54	52.7	4.27	51.7	4.04
		30.5	62.5	5.48	58.8	5.19	55.5	4.91	54.8	4.65	54.5	4.36	53.5	4.13
		60.9	70.6	5.93	66.3	5.64	62.8	5.31	62.0	5.05	61.8	4.74	60.5	4.46
		76.1	78.1	6.40	73.3	6.07	69.3	5.74	68.6	5.45	68.1	5.10	67.1	4.81
		91.4	81.9	6.64	76.9	6.28	72.6	5.95	71.9	5.66	71.2	5.28	70.4	4.99
	32	24.4	107.9	7.85	99.9	7.45	92.9	7.02	90.9	6.66	89.6	6.26	86.4	5.91
		30.5	108.5	7.87	100.5	7.47	93.4	7.04	91.4	6.69	90.2	6.28	86.9	5.93
		60.9	111.0	7.94	102.7	7.54	95.7	7.14	93.7	6.78	92.4	6.35	88.9	6.00
		76.1	112.8	7.94	104.2	7.54	96.9	7.14	95.2	6.78	93.7	6.35	90.4	6.00
		91.4	113.7	7.94	105.0	7.54	97.6	7.14	96.0	6.78	94.3	6.35	91.2	6.00
	41	24.4	149.1	8.54	141.4	8.09	134.8	7.64	131.6	7.27	125.8	6.82	120.1	6.41
		30.5	149.4	8.58	141.7	8.13	134.9	7.68	131.6	7.30	125.8	6.85	120.1	6.45
		60.9	150.7	8.75	142.7	8.30	135.1	7.85	131.6	7.44	125.8	6.97	120.1	6.59
		76.1	150.7	8.82	142.4	8.37	135.1	7.89	131.6	7.49	125.8	7.04	120.1	6.64
		91.4	150.7	8.85	142.3	8.40	135.1	7.92	131.6	7.52	125.8	7.08	120.1	6.66
	50	24.4	150.1	7.86	141.7	7.40	134.8	6.96	131.6	6.65	125.8	6.15	120.1	5.87
		30.5	150.2	7.85	141.9	7.40	134.9	6.95	131.6	6.64	125.8	6.16	120.1	5.86
		60.9	150.7	7.80	142.7	7.37	135.1	6.90	131.6	6.59	125.8	6.23	120.1	5.81
		76.1	150.7	7.85	142.4	7.40	135.1	6.92	131.6	6.61	125.8	6.14	120.1	5.83
		91.4	150.7	7.87	142.3	7.41	135.1	6.93	131.6	6.63	125.8	6.09	120.1	5.84
	59	24.4	150.7	7.17	142.4	6.69	135.1	6.25	131.6	6.00	125.8	5.50	120.1	5.32
		30.5	150.7	7.11	142.4	6.64	135.1	6.19	131.6	5.95	125.8	5.50	120.1	5.26
		60.9	150.7	6.88	142.4	6.42	135.1	5.95	131.6	5.74	125.8	5.50	120.1	5.05
		76.1	150.7	6.88	142.4	6.42	135.1	5.95	131.6	5.74	125.8	5.26	120.1	5.05
		91.4	150.7	6.88	142.4	6.42	135.1	5.95	131.6	5.74	125.8	5.14	120.1	5.05
	68	24.4	150.7	6.25	142.4	5.80	135.1	5.56	131.6	5.32	125.8	5.11	120.1	4.58
		30.5	150.7	6.19	142.4	5.74	135.1	5.50	131.6	5.26	125.8	5.05	120.1	4.58
		60.9	150.7	5.95	142.4	5.50	135.1	5.26	131.6	5.05	125.8	4.81	120.1	4.58
		76.1	150.7	5.95	142.4	5.50	135.1	5.26	131.6	5.05	125.8	4.81	120.1	4.58
		91.4	150.7	5.95	142.4	5.50	135.1	5.26	131.6	5.05	125.8	4.81	120.1	4.58
	77	24.4	150.7	5.56	142.4	5.05	135.1	4.87	131.6	4.58	125.8	4.36	120.1	4.13
		30.5	150.7	5.50	142.4	5.05	135.1	4.81	131.6	4.58	125.8	4.36	120.1	4.13
		60.9	150.7	5.26	142.4	5.05	135.1	4.58	131.6	4.58	125.8	4.36	120.1	4.13
		76.1	150.7	5.26	142.4	5.05	135.1	4.58	131.6	4.58	125.8	4.36	120.1	4.13
		91.4	150.7	5.26	142.4	5.05	135.1	4.58	131.6	4.58	125.8	4.36	120.1	4.13
	86	24.4	150.7	5.11	142.4	4.63	135.1	4.42	131.6	4.13	125.8	4.18	120.1	3.94
		30.5	150.7	5.05	142.4	4.58	135.1	4.36	131.6	4.13	125.8	4.13	120.1	3.89
		60.9	150.7	4.81	142.4	4.36	135.1	4.13	131.6	4.13	125.8	3.89	120.1	3.67
		76.1	150.7	4.81	142.4	4.36	135.1	4.13	131.6	4.13	125.8	3.89	120.1	3.67
		91.4	150.7	4.81	142.4	4.36	135.1	4.13	131.6	4.13	125.8	3.89	120.1	3.67
	95	24.4	150.7	4.63	142.4	4.13	135.1	3.89	131.6	3.94	125.8	3.67	120.1	3.44
		30.5	150.7	4.58	142.4	4.13	135.1	3.89	131.6	3.89	125.8	3.67	120.1	3.44
		60.9	150.7	4.36	142.4	4.13	135.1	3.89	131.6	3.67	125.8	3.67	120.1	3.44
		76.1	150.7	4.36	142.4	4.13	135.1	3.89	131.6	3.67	125.8	3.67	120.1	3.44
		91.4	150.7	4.36	142.4	4.13	135.1	3.89	131.6	3.67	125.8	3.67	120.1	3.44
	104	24.4	150.7	4.18	142.4	3.94	135.1	3.73	131.6	3.44	125.8	3.50	120.1	3.20
		30.5	150.7	4.13	142.4	3.89	135.1	3.67	131.6	3.44	125.8	3.44	120.1	3.20
		60.9	150.7	3.89	142.4	3.67	135.1	3.44	131.6	3.44	125.8	3.20	120.1	3.20
		76.1	150.7	3.89	142.4	3.67	135.1	3.44	131.6	3.44	125.8	3.20	120.1	3.20
		91.4	150.7	3.89	142.4	3.67	135.1	3.44	131.6	3.44	125.8	3.20	120.1	3.20
	113	24.4	150.7	3.73	142.4	3.79	135.1	3.55	131.6	2.93	125.8	3.31	120.1	2.99
		30.5	150.7	3.67	142.4	3.67	135.1	3.44	131.6	2.99	125.8	3.20	120.1	2.99
		60.9	150.7	3.44	142.4	3.20	135.1	2.99	131.6	3.20	125.8	2.75	120.1	2.99
		76.1	150.7	3.44	142.4	3.20	135.1	2.99	131.6	3.20	125.8	2.75	120.1	2.99
		91.4	150.7	3.44	142.4	3.20	135.1	2.99	131.6	3.20	125.8	2.75	120.1	2.99

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN289DAS4, ARWB289DAS4

288,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet water Temp. (°F)	Water flow rate [gpm]	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]
130	23	28.4	153.3	17.51	152.2	16.49	151.2	15.35	149.2	14.89	150.9	14.50	146.8	13.01
		35.5	158.5	17.82	157.3	16.81	156.4	15.68	154.3	15.22	156.1	14.82	151.9	13.29
		71.0	179.3	19.03	177.8	18.07	176.9	17.01	174.5	16.52	176.6	16.06	172.1	14.41
		88.8	198.3	20.24	196.5	19.31	195.3	18.33	192.9	17.84	195.3	17.33	190.2	15.54
		106.5	207.9	20.85	205.9	19.94	204.6	19.00	202.2	18.51	204.7	17.96	199.3	16.10
	32	28.4	273.8	23.95	267.6	23.23	261.9	22.48	256.2	21.84	257.1	21.25	245.3	19.03
		35.5	275.5	24.01	269.1	23.29	263.4	22.54	257.7	21.91	258.6	21.30	246.8	19.08
		71.0	282.1	24.27	275.2	23.52	269.4	22.80	263.7	22.17	264.6	21.53	252.9	19.31
		88.8	286.3	24.27	279.4	23.52	273.7	22.80	267.6	22.17	268.5	21.53	256.5	19.31
		106.5	288.5	24.27	281.5	23.52	275.8	22.80	269.6	22.17	270.5	21.53	258.3	19.31
	41	28.4	394.4	25.74	388.4	25.11	380.3	24.47	370.7	23.77	360.8	23.12	340.9	20.70
		35.5	395.7	25.86	389.1	25.22	380.4	24.59	370.7	23.90	360.8	23.24	340.9	20.81
		71.0	401.2	26.32	391.8	25.69	380.7	25.08	370.7	24.39	360.8	23.70	340.9	21.25
		88.8	403.6	26.49	393.0	25.86	380.7	25.25	370.7	24.56	360.8	23.87	340.9	21.39
		106.5	404.8	26.58	393.6	25.95	380.7	25.34	370.7	24.65	360.8	23.96	340.9	21.46
	50	28.4	394.9	23.42	388.5	22.64	379.1	22.21	369.2	21.71	359.4	20.97	339.5	18.93
		35.5	397.2	23.38	390.3	22.66	380.7	22.25	370.7	21.71	360.8	20.96	340.9	18.91
		71.0	406.6	23.21	397.5	22.74	386.7	22.43	376.7	21.68	366.2	20.90	346.3	18.85
		88.8	408.7	23.52	400.3	23.06	389.1	22.51	378.6	21.76	368.6	21.25	348.4	19.75
		106.5	409.8	23.68	401.6	23.22	390.3	22.56	379.5	21.81	369.8	21.42	349.5	20.20
	59	28.4	395.5	21.11	388.5	20.21	377.6	19.99	367.7	19.66	358.0	18.83	338.1	17.15
		35.5	398.7	20.90	391.5	20.12	380.7	19.95	370.7	19.52	360.8	18.68	340.9	17.01
		71.0	411.7	20.06	403.3	19.78	392.7	19.78	382.8	18.94	371.6	18.10	351.7	16.43
		88.8	413.8	20.55	407.2	20.24	397.5	19.78	386.7	18.94	376.7	18.62	355.9	18.10
		106.5	414.9	20.80	409.2	20.47	400.0	19.78	388.7	18.94	379.3	18.88	358.1	18.95
	68	28.4	410.5	19.37	403.0	18.46	392.4	18.06	381.5	17.48	370.5	17.09	348.5	16.57
		35.5	413.8	19.23	406.3	18.45	395.4	18.05	384.6	17.56	373.7	17.21	351.7	16.43
		71.0	426.8	18.68	419.2	18.39	407.5	17.99	396.6	17.84	386.7	17.67	364.7	15.88
		88.8	428.6	18.68	422.3	18.39	412.3	18.10	400.6	17.84	389.7	17.67	367.7	16.89
		106.5	429.5	18.68	423.8	18.39	414.7	18.16	402.5	17.84	391.2	17.67	369.2	17.40
	77	28.4	433.4	18.46	422.3	17.93	412.3	17.63	404.5	17.33	395.4	17.08	372.8	15.96
		35.5	433.4	18.39	422.3	17.90	412.3	17.56	404.5	17.27	395.4	17.01	372.8	15.88
		71.0	433.4	18.10	422.3	17.79	412.3	17.27	404.5	17.01	395.4	16.72	372.8	15.60
		88.8	433.4	17.84	422.3	17.33	412.3	17.01	404.5	16.72	395.4	16.43	372.8	15.34
		106.5	433.4	17.71	422.3	17.09	412.3	16.88	404.5	16.57	395.4	16.29	372.8	15.21
	86	28.4	433.4	17.99	422.3	17.10	412.3	16.94	404.5	16.50	395.4	16.32	372.8	15.19
		35.5	433.4	17.84	422.3	17.07	412.3	16.84	404.5	16.43	395.4	16.17	372.8	15.05
		71.0	433.4	17.27	422.3	16.95	412.3	16.43	404.5	16.17	395.4	15.60	372.8	14.50
		88.8	433.4	17.01	422.3	16.49	412.3	16.17	404.5	15.88	395.4	15.60	372.8	14.50
		106.5	433.4	16.88	422.3	16.26	412.3	16.04	404.5	15.74	395.4	15.60	372.8	14.50
	95	28.4	433.4	17.15	422.3	16.58	412.3	16.25	404.5	15.66	395.4	15.12	372.8	14.06
		35.5	433.4	17.01	422.3	16.49	412.3	16.17	404.5	15.60	395.4	15.05	372.8	13.92
		71.0	433.4	16.43	422.3	16.11	412.3	15.88	404.5	15.34	395.4	14.76	372.8	13.38
		88.8	433.4	16.43	422.3	15.94	412.3	15.60	404.5	15.05	395.4	14.50	372.8	13.38
		106.5	433.4	16.43	422.3	15.85	412.3	15.45	404.5	14.90	395.4	14.37	372.8	13.38
	104	28.4	433.4	16.57	422.3	16.04	412.3	15.73	404.5	15.19	395.4	14.65	372.8	13.23
		35.5	433.4	16.43	422.3	15.94	412.3	15.60	404.5	15.05	395.4	14.50	372.8	13.09
		71.0	433.4	15.88	422.3	15.54	412.3	15.05	404.5	14.50	395.4	13.92	372.8	12.54
		88.8	433.4	15.60	422.3	15.28	412.3	15.05	404.5	14.50	395.4	13.92	372.8	12.54
		106.5	433.4	15.45	422.3	15.15	412.3	15.05	404.5	14.50	395.4	13.92	372.8	12.54
	113	28.4	433.4	16.02	422.3	15.50	412.3	15.26	404.5	14.71	395.4	14.13	372.8	12.39
		35.5	433.4	15.88	422.3	15.39	412.3	15.05	404.5	14.50	395.4	13.92	372.8	12.25
		71.0	433.4	15.34	422.3	14.99	412.3	14.21	404.5	13.66	395.4	13.09	372.8	11.70
		88.8	433.4	14.76	422.3	14.62	412.3	14.50	404.5	13.92	395.4	13.38	372.8	11.70
		106.5	433.4	14.47	422.3	14.43	412.3	14.65	404.5	14.05	395.4	13.52	372.8	11.70

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN289DAS4, ARWB289DAS4

288,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet water Temp. (°F)	Water flow rate [gpm]	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]
120	23	28.4	145.7	17.51	144.5	16.49	143.6	15.35	141.9	14.70	143.0	14.27	139.3	12.77
		35.5	150.7	17.82	149.5	16.81	148.6	15.68	146.8	15.02	148.0	14.59	144.1	13.06
		71.0	170.6	19.03	169.1	18.07	168.2	17.01	166.1	16.29	167.6	15.83	163.1	14.18
		88.8	188.4	20.24	186.9	19.31	185.7	18.33	183.5	17.58	185.1	17.07	179.9	15.28
		106.5	197.3	20.85	195.8	19.94	194.5	19.00	192.4	18.24	193.9	17.69	188.4	15.83
	32	28.4	260.4	23.95	254.1	23.23	248.6	22.48	243.6	21.53	243.6	20.93	232.4	18.71
		35.5	261.9	24.01	255.6	23.29	250.2	22.54	245.0	21.59	245.0	20.99	233.9	18.77
		71.0	267.9	24.27	261.6	23.52	256.2	22.80	250.8	21.85	250.8	21.22	239.6	19.00
		88.8	272.2	24.27	265.8	23.52	260.1	22.80	254.7	21.85	254.4	21.22	243.2	19.00
		106.5	274.3	24.27	268.0	23.52	262.1	22.80	256.7	21.85	256.2	21.22	245.0	19.00
	41	28.4	375.4	25.74	369.7	25.11	361.7	24.47	352.9	23.43	341.8	22.77	323.1	20.39
		35.5	376.7	25.86	370.4	25.22	361.7	24.59	352.9	23.55	341.8	22.89	323.1	20.50
		71.0	382.2	26.32	373.1	25.69	361.7	25.08	352.9	24.04	341.8	23.35	323.1	20.90
		88.8	384.3	26.49	371.0	25.86	361.7	25.25	352.9	24.22	341.8	23.52	323.1	21.04
		106.5	385.3	26.58	370.0	25.95	361.7	25.34	352.9	24.30	341.8	23.61	323.1	21.12
	50	28.4	376.8	23.13	369.8	22.48	360.7	22.03	351.9	21.36	340.9	20.66	322.3	18.57
		35.5	378.6	23.21	371.3	22.57	361.7	22.11	352.9	21.39	341.8	20.64	323.1	18.59
		71.0	385.5	23.52	377.3	22.92	365.6	22.43	356.9	21.51	345.4	20.58	326.4	18.68
		88.8	387.6	23.44	376.1	22.92	367.1	22.51	358.4	21.59	346.9	20.67	327.9	19.31
		106.5	388.7	23.39	375.5	22.92	367.9	22.56	359.1	21.64	347.7	20.71	328.7	19.63
	59	28.4	377.9	20.51	370.2	19.91	359.6	19.60	351.0	19.30	340.0	18.53	321.3	16.79
		35.5	380.1	20.55	372.5	19.95	361.7	19.63	352.9	19.23	341.8	18.39	323.1	16.72
		71.0	388.8	20.73	381.6	20.12	369.8	19.78	360.8	18.94	348.7	17.84	330.0	16.43
		88.8	390.9	20.41	381.3	19.95	372.8	19.78	363.8	18.94	351.7	17.84	333.0	17.56
		106.5	392.0	20.25	381.1	19.86	374.3	19.78	365.3	18.94	353.2	17.84	334.6	18.12
	68	28.4	388.4	18.45	381.1	17.66	369.6	17.19	359.4	16.94	347.7	16.73	329.0	15.88
		35.5	390.9	18.45	383.4	17.73	371.6	17.27	361.7	17.01	349.9	16.72	330.9	15.83
		71.0	400.9	18.45	392.4	17.99	379.8	17.56	370.7	17.27	358.7	16.66	338.8	15.60
		88.8	402.7	18.28	392.1	17.84	382.8	17.56	372.8	17.27	360.8	16.72	340.9	16.17
		106.5	403.6	18.19	392.0	17.77	384.3	17.56	373.9	17.27	361.8	16.75	341.9	16.46
	77	28.4	407.3	17.45	395.4	16.63	382.8	16.32	374.6	15.96	364.7	15.66	344.8	14.57
		35.5	407.5	17.38	395.4	16.60	382.8	16.29	374.6	15.88	364.7	15.60	344.8	14.50
		71.0	408.4	17.12	395.4	16.49	382.8	16.17	374.6	15.60	364.7	15.34	344.8	14.21
		88.8	409.6	16.49	395.4	16.06	382.8	15.88	374.6	15.60	364.7	15.05	344.8	14.21
		106.5	410.2	16.17	395.4	15.84	382.8	15.74	374.6	15.60	364.7	14.90	344.8	14.21
	86	28.4	409.6	16.69	395.4	15.86	382.8	15.41	374.6	14.83	364.7	14.65	344.8	13.45
		35.5	409.6	16.55	395.4	15.77	382.8	15.34	374.6	14.76	364.7	14.50	344.8	13.38
		71.0	409.6	16.00	395.4	15.39	382.8	15.05	374.6	14.50	364.7	13.92	344.8	13.09
		88.8	409.6	15.48	395.4	15.05	382.8	14.76	374.6	14.50	364.7	13.92	344.8	12.83
		106.5	409.6	15.22	395.4	14.87	382.8	14.61	374.6	14.50	364.7	13.92	344.8	12.70
	95	28.4	409.6	15.94	395.4	15.07	382.8	14.65	374.6	14.06	364.7	13.51	344.8	12.32
		35.5	409.6	15.71	395.4	14.93	382.8	14.50	374.6	13.92	364.7	13.38	344.8	12.25
		71.0	409.6	14.82	395.4	14.38	382.8	13.92	374.6	13.38	364.7	12.83	344.8	11.99
		88.8	409.6	14.64	395.4	14.27	382.8	13.92	374.6	13.38	364.7	12.83	344.8	11.70
		106.5	409.6	14.56	395.4	14.21	382.8	13.92	374.6	13.38	364.7	12.83	344.8	11.56
	104	28.4	409.6	15.46	395.4	14.38	382.8	13.81	374.6	13.23	364.7	12.68	344.8	11.48
		35.5	409.6	15.16	395.4	14.21	382.8	13.66	374.6	13.09	364.7	12.54	344.8	11.42
		71.0	409.6	13.98	395.4	13.55	382.8	13.09	374.6	12.54	364.7	11.99	344.8	11.16
		88.8	409.6	13.81	395.4	13.38	382.8	13.09	374.6	12.54	364.7	11.99	344.8	10.87
		106.5	409.6	13.72	395.4	13.29	382.8	13.09	374.6	12.54	364.7	11.99	344.8	10.72
	113	28.4	409.6	14.99	395.4	13.69	382.8	12.97	374.6	12.39	364.7	11.84	344.8	10.65
		35.5	409.6	14.62	395.4	13.49	382.8	12.83	374.6	12.25	364.7	11.70	344.8	10.58
		71.0	409.6	13.15	395.4	12.71	382.8	12.25	374.6	11.70	364.7	11.16	344.8	10.32
		88.8	409.6	12.97	395.4	12.48	382.8	12.25	374.6	11.70	364.7	11.16	344.8	10.03
		106.5	409.6	12.89	395.4	12.37	382.8	12.25	374.6	11.70	364.7	11.16	344.8	9.89

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN289DAS4, ARWB289DAS4

288,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet water Temp. (°F)	Water flow rate [gpm]	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]
110	23	28.4	137.8	17.74	136.9	16.49	136.0	15.35	134.6	14.70	135.0	14.27	132.0	12.77
		35.5	142.6	18.05	141.7	16.81	140.8	15.68	139.2	15.02	139.5	14.59	136.5	13.06
		71.0	161.2	19.26	160.3	18.07	159.4	17.01	157.6	16.29	157.6	15.83	154.6	14.18
		88.8	178.1	20.50	176.9	19.31	176.0	18.33	174.2	17.58	174.2	17.07	170.6	15.28
		106.5	186.6	21.12	185.3	19.94	184.4	19.00	182.6	18.24	182.6	17.69	178.6	15.83
	32	28.4	246.3	24.27	240.9	23.23	235.8	22.48	231.3	21.53	229.2	20.93	220.5	18.71
		35.5	247.7	24.33	242.3	23.29	237.2	22.54	232.7	21.59	230.6	20.99	221.8	18.77
		71.0	253.5	24.56	248.0	23.52	242.6	22.80	238.1	21.85	236.0	21.22	227.0	19.00
		88.8	257.4	24.56	252.0	23.52	246.5	22.80	241.7	21.85	239.6	21.22	230.3	19.00
		106.5	259.4	24.56	253.9	23.52	248.5	22.80	243.5	21.85	241.4	21.22	231.9	19.00
	41	28.4	359.3	26.09	350.7	25.11	342.6	24.47	334.9	23.43	321.9	22.77	306.2	20.39
		35.5	360.5	26.20	351.4	25.22	342.7	24.59	334.9	23.55	321.9	22.89	306.2	20.50
		71.0	365.3	26.67	354.1	25.69	343.0	25.08	334.9	24.04	321.9	23.35	306.2	20.90
		88.8	367.4	26.84	355.0	25.86	343.0	25.25	334.9	24.22	321.9	23.52	306.2	21.04
		106.5	368.5	26.93	355.5	25.95	343.0	25.34	334.9	24.30	321.9	23.61	306.2	21.12
	50	28.4	360.6	23.39	351.7	22.59	342.2	22.10	334.3	21.36	321.4	20.66	305.8	18.57
		35.5	362.0	23.44	352.6	22.66	342.7	22.17	334.9	21.39	321.9	20.64	306.2	18.59
		71.0	367.4	23.61	356.2	22.92	344.8	22.43	337.0	21.51	324.0	20.58	307.7	18.68
		88.8	369.5	23.61	357.8	22.92	346.0	22.37	337.6	21.45	324.6	20.67	308.6	18.88
		106.5	370.6	23.61	358.5	22.92	346.6	22.34	337.9	21.42	324.9	20.71	309.1	18.98
	59	28.4	361.7	20.70	352.2	20.12	342.0	19.78	333.9	19.30	320.8	18.53	305.5	16.79
		35.5	363.2	20.67	353.5	20.12	343.0	19.78	334.9	19.23	321.9	18.39	306.2	16.72
		71.0	369.2	20.55	358.7	20.12	346.9	19.78	338.8	18.94	326.1	17.84	309.2	16.43
		88.8	371.3	20.41	360.5	19.95	348.7	19.52	340.0	18.68	327.0	17.84	311.0	16.72
		106.5	372.4	20.34	361.4	19.86	349.6	19.39	340.6	18.55	327.5	17.84	312.0	16.87
	68	28.4	368.4	17.87	358.3	17.44	346.8	17.01	337.5	16.72	325.1	16.25	308.0	15.19
		35.5	370.4	17.90	359.6	17.44	347.8	17.01	338.8	16.72	326.1	16.17	309.2	15.16
		71.0	378.3	18.05	364.4	17.44	351.7	17.01	343.9	16.72	330.0	15.88	314.1	15.05
		88.8	380.4	18.05	367.4	17.44	353.8	17.01	344.8	16.43	331.8	15.88	315.0	15.05
		106.5	381.4	18.05	368.9	17.44	354.9	17.01	345.3	16.29	332.7	15.88	315.4	15.05
	77	28.4	379.9	16.26	368.6	15.66	353.8	15.41	346.0	14.83	333.9	14.28	316.2	13.09
		35.5	380.7	16.23	368.6	15.60	353.8	15.34	346.0	14.76	333.9	14.21	316.2	13.09
		71.0	383.7	16.11	368.6	15.34	353.8	15.05	346.0	14.50	333.9	13.92	316.2	13.09
		88.8	385.5	16.11	368.6	15.39	353.8	14.76	346.0	14.50	333.9	13.66	316.2	12.83
		106.5	386.4	16.11	368.6	15.42	353.8	14.61	346.0	14.50	333.9	13.53	316.2	12.70
	86	28.4	385.5	14.83	368.6	14.28	353.8	13.74	346.0	13.45	333.9	12.61	316.2	11.78
		35.5	385.5	14.76	368.6	14.21	353.8	13.66	346.0	13.38	333.9	12.54	316.2	11.70
		71.0	385.5	14.50	368.6	13.92	353.8	13.38	346.0	13.09	333.9	12.25	316.2	11.42
		88.8	385.5	14.38	368.6	13.66	353.8	13.09	346.0	12.83	333.9	12.25	316.2	11.42
		106.5	385.5	14.33	368.6	13.53	353.8	12.94	346.0	12.70	333.9	12.25	316.2	11.42
	95	28.4	385.5	14.06	368.6	13.15	353.8	12.61	346.0	12.07	333.9	11.48	316.2	10.65
		35.5	385.5	13.92	368.6	13.09	353.8	12.54	346.0	11.99	333.9	11.42	316.2	10.58
		71.0	385.5	13.38	368.6	12.83	353.8	12.25	346.0	11.70	333.9	11.16	316.2	10.32
		88.8	385.5	13.03	368.6	12.54	353.8	11.99	346.0	11.70	333.9	11.16	316.2	10.32
		106.5	385.5	12.86	368.6	12.39	353.8	11.86	346.0	11.70	333.9	11.16	316.2	10.32
	104	28.4	385.5	13.23	368.6	12.68	353.8	11.84	346.0	11.23	333.9	10.65	316.2	9.81
		35.5	385.5	13.09	368.6	12.54	353.8	11.70	346.0	11.16	333.9	10.58	316.2	9.74
		71.0	385.5	12.54	368.6	11.99	353.8	11.16	346.0	10.87	333.9	10.32	316.2	9.48
		88.8	385.5	12.37	368.6	11.70	353.8	11.16	346.0	10.58	333.9	10.03	316.2	9.20
		106.5	385.5	12.28	368.6	11.56	353.8	11.16	346.0	10.43	333.9	9.89	316.2	9.05
	113	28.4	385.5	12.39	368.6	12.20	353.8	11.08	346.0	10.39	333.9	9.81	316.2	8.97
		35.5	385.5	12.25	368.6	11.99	353.8	10.87	346.0	10.32	333.9	9.74	316.2	8.91
		71.0	385.5	11.70	368.6	11.16	353.8	10.03	346.0	10.03	333.9	9.48	316.2	8.65
		88.8	385.5	11.70	368.6	10.87	353.8	10.32	346.0	9.48	333.9	8.91	316.2	8.07
		106.5	385.5	11.70	368.6	10.72	353.8	10.47	346.0	9.21	333.9	8.62	316.2	7.78

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN289DAS4, ARWB289DAS4

288,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet water Temp. (°F)	Water flow rate [gpm]	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]
100	23	28.4	130.2	17.74	129.3	16.72	128.8	15.35	127.7	14.70	126.5	14.04	124.1	12.77
		35.5	134.7	18.05	133.8	17.04	133.2	15.68	132.0	15.02	130.8	14.36	128.4	13.06
		71.0	152.5	19.26	151.6	18.31	150.7	17.01	149.2	16.29	148.0	15.60	145.6	14.18
		88.8	168.5	20.50	167.3	19.57	166.4	18.33	164.9	17.58	163.7	16.81	160.6	15.28
		106.5	176.5	21.12	175.2	20.21	174.3	19.00	172.8	18.24	171.6	17.42	168.2	15.83
	32	28.4	232.8	24.27	227.7	23.55	222.9	22.48	219.0	21.53	215.1	20.61	207.6	18.71
		35.5	234.2	24.33	229.1	23.61	224.2	22.54	220.3	21.59	216.4	20.67	208.9	18.77
		71.0	239.6	24.56	234.5	23.84	229.4	22.80	225.4	21.85	221.5	20.90	213.7	19.00
		88.8	243.2	24.56	238.1	23.84	233.0	22.80	228.8	21.85	224.8	20.90	217.0	19.00
		106.5	245.0	24.56	239.9	23.84	234.8	22.80	230.4	21.85	226.5	20.90	218.7	19.00
	41	28.4	343.6	26.09	332.1	25.45	323.6	24.47	317.1	23.43	302.0	22.43	288.1	20.39
		35.5	344.8	26.20	332.7	25.57	323.7	24.59	317.1	23.55	302.0	22.54	288.1	20.50
		71.0	349.6	26.67	335.2	26.03	324.0	25.08	317.1	24.04	302.0	23.00	288.1	20.90
		88.8	351.7	26.84	336.1	26.20	324.0	25.25	317.1	24.22	302.0	23.15	288.1	21.04
		106.5	352.8	26.93	336.5	26.29	324.0	25.34	317.1	24.30	302.0	23.22	288.1	21.12
	50	28.4	345.5	23.33	333.2	22.82	324.0	22.10	317.1	21.36	302.0	20.30	288.1	18.57
		35.5	346.3	23.44	333.6	22.89	324.0	22.17	317.1	21.39	302.0	20.32	288.1	18.59
		71.0	349.6	23.87	335.5	23.18	324.0	22.43	317.1	21.51	302.0	20.41	288.1	18.68
		88.8	352.0	23.78	337.0	23.18	324.0	22.37	317.1	21.45	302.0	20.35	288.1	18.59
		106.5	353.2	23.74	337.7	23.18	324.0	22.34	317.1	21.42	302.0	20.32	288.1	18.55
	59	28.4	347.4	20.57	334.6	20.22	324.0	19.78	317.1	19.30	302.0	18.17	288.1	16.79
		35.5	347.8	20.67	334.9	20.24	324.0	19.78	317.1	19.23	302.0	18.10	288.1	16.72
		71.0	349.6	21.07	335.8	20.29	324.0	19.78	317.1	18.94	302.0	17.84	288.1	16.43
		88.8	352.6	20.73	337.6	20.12	324.0	19.52	317.1	18.68	302.0	17.56	288.1	16.17
		106.5	354.2	20.55	338.5	20.03	324.0	19.39	317.1	18.55	302.0	17.41	288.1	16.04
	68	28.4	349.2	17.59	336.4	17.14	324.0	16.72	317.1	16.50	302.0	15.41	288.1	14.65
		35.5	350.5	17.67	336.7	17.15	324.0	16.72	317.1	16.43	302.0	15.34	288.1	14.50
		71.0	355.6	17.99	337.6	17.21	324.0	16.72	317.1	16.17	302.0	15.05	288.1	13.92
		88.8	357.8	17.67	340.6	17.07	324.0	16.43	317.1	15.88	302.0	14.76	288.1	13.66
		106.5	358.8	17.51	342.1	16.99	324.0	16.29	317.1	15.74	302.0	14.61	288.1	13.53
	77	28.4	353.4	15.38	341.8	14.90	324.0	14.28	317.1	13.74	302.0	12.90	288.1	11.70
		35.5	354.7	15.39	341.8	14.82	324.0	14.21	317.1	13.66	302.0	12.83	288.1	11.70
		71.0	359.9	15.45	341.8	14.50	324.0	13.92	317.1	13.38	302.0	12.54	288.1	11.70
		88.8	361.7	15.11	341.8	14.38	324.0	13.66	317.1	13.09	302.0	12.54	288.1	11.42
		106.5	362.6	14.93	341.8	14.33	324.0	13.53	317.1	12.94	302.0	12.54	288.1	11.27
	86	28.4	361.7	13.99	341.8	12.90	324.0	12.02	317.1	11.78	302.0	10.87	288.1	10.39
		35.5	361.7	13.92	341.8	12.83	324.0	11.99	317.1	11.70	302.0	10.87	288.1	10.32
		71.0	361.7	13.66	341.8	12.54	324.0	11.88	317.1	11.42	302.0	10.87	288.1	10.03
		88.8	361.7	13.38	341.8	12.54	324.0	11.70	317.1	11.42	302.0	10.58	288.1	10.03
		106.5	361.7	13.23	341.8	12.54	324.0	11.62	317.1	11.42	302.0	10.43	288.1	10.03
	95	28.4	361.7	12.97	341.8	11.84	324.0	10.61	317.1	10.39	302.0	9.81	288.1	8.97
		35.5	361.7	12.83	341.8	11.70	324.0	10.58	317.1	10.32	302.0	9.74	288.1	8.91
		71.0	361.7	12.25	341.8	11.16	324.0	10.46	317.1	10.03	302.0	9.48	288.1	8.65
		88.8	361.7	12.25	341.8	11.16	324.0	10.32	317.1	10.03	302.0	9.48	288.1	8.65
		106.5	361.7	12.25	341.8	11.16	324.0	10.25	317.1	10.03	302.0	9.48	288.1	8.65
	104	28.4	361.7	12.14	341.8	11.01	324.0	9.51	317.1	9.27	302.0	8.72	288.1	8.14
		35.5	361.7	11.99	341.8	10.87	324.0	9.48	317.1	9.20	302.0	8.65	288.1	8.07
		71.0	361.7	11.42	341.8	10.32	324.0	9.37	317.1	8.91	302.0	8.36	288.1	7.81
		88.8	361.7	11.16	341.8	10.32	324.0	9.20	317.1	8.91	302.0	8.36	288.1	7.81
		106.5	361.7	11.03	341.8	10.32	324.0	9.11	317.1	8.91	302.0	8.36	288.1	7.81
	113	28.4	361.7	11.30	341.8	10.17	324.0	8.39	317.1	8.14	302.0	7.60	288.1	7.30
		35.5	361.7	11.16	341.8	10.03	324.0	8.36	317.1	8.07	302.0	7.52	288.1	7.24
		71.0	361.7	10.58	341.8	9.48	324.0	8.24	317.1	7.81	302.0	7.24	288.1	6.98
		88.8	361.7	10.03	341.8	9.48	324.0	8.07	317.1	7.81	302.0	7.24	288.1	6.98
		106.5	361.7	9.76	341.8	9.48	324.0	7.98	317.1	7.81	302.0	7.24	288.1	6.98

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN289DAS4, ARWB289DAS4

288,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet water Temp. (°F)	Water flow rate [gpm]	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]
90	23	28.4	122.9	16.46	119.2	14.99	115.7	13.17	114.8	12.55	113.9	12.10	111.9	10.86
		35.5	127.2	16.75	123.3	15.28	119.7	13.46	118.7	12.83	117.8	12.37	115.7	11.10
		71.0	144.1	17.87	139.5	16.40	135.3	14.62	134.4	13.92	133.5	13.43	130.8	12.05
		88.8	159.1	19.00	154.0	17.56	149.5	15.77	148.3	15.02	147.4	14.47	144.7	13.00
		106.5	166.7	19.56	161.3	18.14	156.6	16.35	155.3	15.57	154.4	14.99	151.7	13.48
	32	28.4	219.9	22.43	209.8	21.04	200.1	19.32	197.2	18.43	193.9	17.74	186.6	15.93
		35.5	221.2	22.49	211.0	21.10	201.3	19.37	198.3	18.48	195.0	17.79	187.8	15.97
		71.0	226.3	22.72	215.8	21.33	206.2	19.57	202.8	18.68	199.5	17.99	192.3	16.14
		88.8	229.7	22.72	219.1	21.33	209.5	19.57	205.9	18.68	202.8	17.99	195.3	16.14
		106.5	231.3	22.72	220.8	21.33	211.1	19.57	207.4	18.68	204.5	17.99	196.8	16.14
	41	28.4	310.7	24.08	300.7	22.72	291.1	21.03	285.1	20.05	272.5	19.30	259.5	17.32
		35.5	311.0	24.19	300.5	22.83	291.1	21.13	285.1	20.15	272.5	19.40	259.5	17.41
		71.0	312.2	24.62	299.6	23.26	291.1	21.53	285.1	20.55	272.5	19.80	259.5	17.76
		88.8	314.1	24.76	300.5	23.41	291.1	21.71	285.1	20.70	272.5	19.95	259.5	17.90
		106.5	315.0	24.84	300.9	23.48	291.1	21.79	285.1	20.77	272.5	20.02	259.5	17.97
	50	28.4	312.4	21.26	301.8	20.22	291.1	19.03	285.1	18.25	272.5	17.51	259.5	15.78
		35.5	312.2	21.27	301.4	20.24	291.1	19.06	285.1	18.28	272.5	17.50	259.5	15.80
		71.0	311.6	21.33	299.9	20.32	291.1	19.14	285.1	18.36	272.5	17.44	259.5	15.86
		88.8	313.8	21.27	300.8	20.27	291.1	19.08	285.1	18.31	272.5	17.50	259.5	15.91
		106.5	314.8	21.25	301.2	20.24	291.1	19.05	285.1	18.28	272.5	17.53	259.5	15.94
	59	28.4	314.0	18.41	302.8	17.74	291.1	17.08	285.1	16.50	272.5	15.73	259.5	14.28
		35.5	313.5	18.33	302.3	17.67	291.1	17.01	285.1	16.43	272.5	15.60	259.5	14.21
		71.0	311.3	18.05	300.2	17.38	291.1	16.72	285.1	16.17	272.5	15.05	259.5	13.92
		88.8	313.5	17.79	301.1	17.12	291.1	16.43	285.1	15.88	272.5	15.05	259.5	13.92
		106.5	314.5	17.66	301.5	16.99	291.1	16.29	285.1	15.74	272.5	15.05	259.5	13.92
	68	28.4	315.9	15.54	304.1	15.09	291.1	14.57	285.1	13.99	272.5	13.51	259.5	12.68
		35.5	315.6	15.54	303.5	15.05	291.1	14.50	285.1	13.92	272.5	13.38	259.5	12.54
		71.0	314.4	15.54	301.1	14.88	291.1	14.21	285.1	13.66	272.5	12.83	259.5	11.99
		88.8	315.3	15.28	302.0	14.76	291.1	14.21	285.1	13.66	272.5	12.83	259.5	11.99
		106.5	315.7	15.15	302.5	14.70	291.1	14.21	285.1	13.66	272.5	12.83	259.5	11.99
	77	28.4	321.1	13.58	308.0	12.86	291.1	12.32	285.1	11.70	272.5	11.23	259.5	10.39
		35.5	321.9	13.55	308.0	12.83	291.1	12.25	285.1	11.70	272.5	11.16	259.5	10.32
		71.0	324.9	13.43	308.0	12.71	291.1	11.99	285.1	11.70	272.5	10.87	259.5	10.03
		88.8	326.1	13.09	308.0	12.42	291.1	11.99	285.1	11.42	272.5	10.87	259.5	10.03
		106.5	326.7	12.91	308.0	12.28	291.1	11.99	285.1	11.27	272.5	10.87	259.5	10.03
	86	28.4	326.1	12.32	308.0	11.48	291.1	10.65	285.1	10.39	272.5	9.81	259.5	8.91
		35.5	326.1	12.25	308.0	11.42	291.1	10.58	285.1	10.32	272.5	9.74	259.5	8.91
		71.0	326.1	11.99	308.0	11.16	291.1	10.32	285.1	10.03	272.5	9.48	259.5	8.91
		88.8	326.1	11.70	308.0	10.87	291.1	10.32	285.1	10.03	272.5	9.48	259.5	8.65
		106.5	326.1	11.56	308.0	10.72	291.1	10.32	285.1	10.03	272.5	9.48	259.5	8.52
	95	28.4	326.1	11.23	308.0	10.39	291.1	9.56	285.1	9.27	272.5	8.72	259.5	8.14
		35.5	326.1	11.16	308.0	10.32	291.1	9.48	285.1	9.20	272.5	8.65	259.5	8.07
		71.0	326.1	10.87	308.0	10.03	291.1	9.20	285.1	8.91	272.5	8.36	259.5	7.81
		88.8	326.1	10.58	308.0	9.74	291.1	8.91	285.1	8.65	272.5	8.36	259.5	7.81
		106.5	326.1	10.43	308.0	9.60	291.1	8.76	285.1	8.52	272.5	8.36	259.5	7.81
	104	28.4	326.1	10.47	308.0	9.56	291.1	8.43	285.1	8.14	272.5	7.89	259.5	7.30
		35.5	326.1	10.32	308.0	9.48	291.1	8.36	285.1	8.07	272.5	7.81	259.5	7.24
		71.0	326.1	9.74	308.0	9.20	291.1	8.07	285.1	7.81	272.5	7.52	259.5	6.98
		88.8	326.1	9.74	308.0	9.20	291.1	8.07	285.1	7.81	272.5	7.52	259.5	6.98
		106.5	326.1	9.74	308.0	9.20	291.1	8.07	285.1	7.81	272.5	7.52	259.5	6.98
	113	28.4	326.1	9.70	308.0	8.72	291.1	7.30	285.1	7.05	272.5	7.05	259.5	6.47
		35.5	326.1	9.48	308.0	8.65	291.1	7.24	285.1	6.98	272.5	6.98	259.5	6.40
		71.0	326.1	8.65	308.0	8.36	291.1	6.98	285.1	6.69	272.5	6.69	259.5	6.14
		88.8	326.1	8.91	308.0	8.65	291.1	7.24	285.1	6.98	272.5	6.69	259.5	6.14
		106.5	326.1	9.04	308.0	8.79	291.1	7.37	285.1	7.12	272.5	6.69	259.5	6.14

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN289DAS4, ARWB289DAS4

288,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet water Temp. (°F)	Water flow rate [gpm]	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]
80	23	28.4	116.3	11.73	109.0	11.28	103.2	10.81	102.0	10.44	101.4	9.96	99.4	9.17
		35.5	120.3	11.99	112.7	11.53	106.7	11.04	105.5	10.67	104.9	10.18	102.8	9.37
		71.0	135.9	13.03	127.5	12.51	120.6	11.96	119.4	11.56	118.7	11.04	116.3	10.15
		88.8	150.4	14.04	140.8	13.49	133.2	12.91	131.7	12.48	131.1	11.91	128.4	10.95
		106.5	157.7	14.55	147.4	13.99	139.6	13.39	137.9	12.95	137.3	12.34	134.5	11.36
	32	28.4	207.6	17.22	191.4	16.52	178.3	15.84	174.9	15.29	172.5	14.57	166.0	13.43
		35.5	208.9	17.27	192.6	16.58	179.3	15.88	176.0	15.34	173.6	14.62	167.0	13.46
		71.0	214.0	17.47	197.1	16.78	183.5	16.06	180.2	15.51	177.8	14.79	170.9	13.61
		88.8	217.0	17.47	200.1	16.78	186.6	16.06	182.9	15.51	180.5	14.79	173.6	13.61
		106.5	218.5	17.47	201.6	16.78	188.1	16.06	184.3	15.51	181.9	14.79	175.0	13.61
	41	28.4	287.2	18.72	271.0	18.02	259.1	17.20	253.5	16.63	242.6	15.86	230.6	14.59
		35.5	287.8	18.82	271.6	18.10	259.2	17.30	253.5	16.72	242.6	15.94	230.6	14.67
		71.0	290.2	19.23	273.7	18.45	259.5	17.67	253.5	17.07	242.6	16.26	230.6	14.99
		88.8	290.2	19.34	273.4	18.59	259.5	17.79	253.5	17.18	242.6	16.37	230.6	15.08
		106.5	290.2	19.40	273.2	18.67	259.5	17.84	253.5	17.24	242.6	16.43	230.6	15.12
	50	28.4	288.7	17.23	272.2	16.45	259.1	15.62	253.5	15.18	242.6	14.38	230.6	13.31
		35.5	289.0	17.21	272.5	16.43	259.2	15.62	253.5	15.19	242.6	14.38	230.6	13.32
		71.0	290.2	17.12	273.7	16.35	259.5	15.65	253.5	15.22	242.6	14.41	230.6	13.35
		88.8	290.2	17.07	273.4	16.40	259.5	15.71	253.5	15.13	242.6	14.33	230.6	13.26
		106.5	290.2	17.04	273.2	16.43	259.5	15.74	253.5	15.09	242.6	14.28	230.6	13.22
	59	28.4	290.2	15.73	273.4	14.90	259.5	13.99	253.5	13.74	242.6	12.90	230.6	12.07
		35.5	290.2	15.60	273.4	14.76	259.5	13.92	253.5	13.66	242.6	12.83	230.6	11.99
		71.0	290.2	15.05	273.4	14.21	259.5	13.66	253.5	13.38	242.6	12.54	230.6	11.70
		88.8	290.2	14.76	273.4	14.21	259.5	13.66	253.5	13.09	242.6	12.25	230.6	11.42
		106.5	290.2	14.61	273.4	14.21	259.5	13.66	253.5	12.94	242.6	12.11	230.6	11.27
	68	28.4	290.2	13.15	273.4	12.61	259.5	11.99	253.5	11.78	242.6	11.23	230.6	10.39
		35.5	290.2	13.09	273.4	12.54	259.5	11.99	253.5	11.70	242.6	11.16	230.6	10.32
		71.0	290.2	12.83	273.4	12.25	259.5	11.99	253.5	11.42	242.6	10.87	230.6	10.03
		88.8	290.2	12.54	273.4	11.99	259.5	11.70	253.5	11.42	242.6	10.58	230.6	10.03
		106.5	290.2	12.39	273.4	11.86	259.5	11.56	253.5	11.42	242.6	10.43	230.6	10.03
	77	28.4	290.2	11.78	273.4	10.94	259.5	10.32	253.5	10.10	242.6	9.56	230.6	8.97
		35.5	290.2	11.70	273.4	10.87	259.5	10.32	253.5	10.03	242.6	9.48	230.6	8.91
		71.0	290.2	11.42	273.4	10.58	259.5	10.32	253.5	9.74	242.6	9.20	230.6	8.65
		88.8	290.2	11.16	273.4	10.58	259.5	10.03	253.5	9.74	242.6	9.20	230.6	8.65
		106.5	290.2	11.03	273.4	10.58	259.5	9.89	253.5	9.74	242.6	9.20	230.6	8.65
	86	28.4	290.2	10.39	273.4	9.81	259.5	9.27	253.5	8.97	242.6	8.43	230.6	7.89
		35.5	290.2	10.32	273.4	9.74	259.5	9.20	253.5	8.91	242.6	8.36	230.6	7.81
		71.0	290.2	10.03	273.4	9.48	259.5	8.91	253.5	8.65	242.6	8.07	230.6	7.52
		88.8	290.2	10.03	273.4	9.48	259.5	8.91	253.5	8.65	242.6	8.07	230.6	7.52
		106.5	290.2	10.03	273.4	9.48	259.5	8.91	253.5	8.65	242.6	8.07	230.6	7.52
	95	28.4	290.2	9.56	273.4	8.97	259.5	8.14	253.5	7.81	242.6	7.60	230.6	6.98
		35.5	290.2	9.48	273.4	8.91	259.5	8.07	253.5	7.81	242.6	7.52	230.6	6.98
		71.0	290.2	9.20	273.4	8.65	259.5	7.81	253.5	7.81	242.6	7.24	230.6	6.98
		88.8	290.2	9.20	273.4	8.36	259.5	7.81	253.5	7.52	242.6	7.24	230.6	6.69
		106.5	290.2	9.20	273.4	8.21	259.5	7.81	253.5	7.38	242.6	7.24	230.6	6.54
	104	28.4	290.2	9.05	273.4	8.14	259.5	7.24	253.5	7.30	242.6	6.69	230.6	6.47
		35.5	290.2	8.91	273.4	8.07	259.5	7.24	253.5	7.24	242.6	6.69	230.6	6.40
		71.0	290.2	8.36	273.4	7.81	259.5	7.24	253.5	6.98	242.6	6.69	230.6	6.14
		88.8	290.2	8.36	273.4	7.81	259.5	6.98	253.5	6.98	242.6	6.69	230.6	6.14
		106.5	290.2	8.36	273.4	7.81	259.5	6.85	253.5	6.98	242.6	6.69	230.6	6.14
	113	28.4	290.2	8.57	273.4	7.30	259.5	6.33	253.5	6.83	242.6	5.78	230.6	5.99
		35.5	290.2	8.36	273.4	7.24	259.5	6.40	253.5	6.69	242.6	5.85	230.6	5.85
		71.0	290.2	7.52	273.4	6.98	259.5	6.69	253.5	6.14	242.6	6.14	230.6	5.30
		88.8	290.2	7.52	273.4	7.24	259.5	6.14	253.5	6.40	242.6	6.14	230.6	5.56
		106.5	290.2	7.52	273.4	7.37	259.5	5.86	253.5	6.53	242.6	6.14	230.6	5.69

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN289DAS4, ARWB289DAS4

288,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet water Temp. (°F)	Water flow rate [gpm]	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]
70	23	28.4	101.4	10.07	95.3	9.59	90.1	9.28	89.2	8.75	88.6	8.44	87.1	7.67
		35.5	104.9	10.29	98.6	9.80	93.1	9.48	92.2	8.94	91.6	8.62	90.1	7.84
		71.0	118.7	11.16	111.5	10.64	105.2	10.29	104.3	9.69	103.7	9.34	101.9	8.50
		88.8	131.4	12.05	123.3	11.47	116.3	11.10	115.4	10.44	114.5	10.09	112.4	9.17
		106.5	137.8	12.50	129.2	11.89	122.0	11.51	121.1	10.81	120.0	10.47	117.7	9.50
	32	28.4	181.6	14.74	167.8	14.06	155.8	13.59	153.1	12.79	150.7	12.36	145.3	11.24
		35.5	182.6	14.79	168.8	14.10	156.7	13.64	154.0	12.83	151.6	12.40	146.2	11.27
		71.0	186.9	14.96	172.7	14.24	160.3	13.81	157.6	12.97	155.2	12.54	149.5	11.39
		88.8	189.6	14.96	175.4	14.24	162.8	13.81	160.0	12.97	157.6	12.54	151.9	11.39
		106.5	190.9	14.96	176.8	14.24	164.0	13.81	161.3	12.97	158.8	12.54	153.1	11.39
	41	28.4	250.8	16.06	237.6	15.29	226.3	14.79	221.5	13.94	211.6	13.45	201.6	12.22
		35.5	251.4	16.14	238.1	15.37	226.3	14.88	221.5	14.01	211.6	13.52	201.6	12.28
		71.0	253.5	16.46	239.9	15.68	226.6	15.19	221.5	14.27	211.6	13.81	201.6	12.54
		88.8	253.5	16.58	239.6	15.80	226.6	15.31	221.5	14.38	211.6	13.89	201.6	12.63
		106.5	253.5	16.63	239.5	15.86	226.6	15.37	221.5	14.44	211.6	13.94	201.6	12.67
	50	28.4	252.0	14.79	238.5	13.98	226.6	13.46	221.5	12.71	211.6	12.19	201.6	11.16
		35.5	252.3	14.76	238.7	13.95	226.6	13.43	221.5	12.71	211.6	12.19	201.6	11.16
		71.0	253.5	14.64	239.6	13.84	226.6	13.32	221.5	12.71	211.6	12.19	201.6	11.16
		88.8	253.5	14.70	239.6	13.89	226.6	13.38	221.5	12.77	211.6	12.11	201.6	11.19
		106.5	253.5	14.73	239.6	13.92	226.6	13.41	221.5	12.80	211.6	12.06	201.6	11.20
	59	28.4	253.5	13.51	239.6	12.68	226.6	12.14	221.5	11.48	211.6	10.94	201.6	10.10
		35.5	253.5	13.38	239.6	12.54	226.6	11.99	221.5	11.42	211.6	10.87	201.6	10.03
		71.0	253.5	12.83	239.6	11.99	226.6	11.42	221.5	11.16	211.6	10.58	201.6	9.74
		88.8	253.5	12.83	239.6	11.99	226.6	11.42	221.5	11.16	211.6	10.32	201.6	9.74
		106.5	253.5	12.83	239.6	11.99	226.6	11.42	221.5	11.16	211.6	10.19	201.6	9.74
	68	28.4	253.5	11.23	239.6	10.65	226.6	10.39	221.5	10.10	211.6	9.56	201.6	8.97
		35.5	253.5	11.16	239.6	10.58	226.6	10.32	221.5	10.03	211.6	9.48	201.6	8.91
		71.0	253.5	10.87	239.6	10.32	226.6	10.03	221.5	9.74	211.6	9.20	201.6	8.65
		88.8	253.5	10.87	239.6	10.32	226.6	10.03	221.5	9.48	211.6	9.20	201.6	8.36
		106.5	253.5	10.87	239.6	10.32	226.6	10.03	221.5	9.35	211.6	9.20	201.6	8.21
	77	28.4	253.5	10.10	239.6	9.56	226.6	8.97	221.5	8.72	211.6	8.07	201.6	7.52
		35.5	253.5	10.03	239.6	9.48	226.6	8.91	221.5	8.65	211.6	8.07	201.6	7.52
		71.0	253.5	9.74	239.6	9.20	226.6	8.65	221.5	8.36	211.6	8.07	201.6	7.52
		88.8	253.5	9.48	239.6	8.91	226.6	8.65	221.5	8.36	211.6	7.81	201.6	7.52
		106.5	253.5	9.35	239.6	8.76	226.6	8.65	221.5	8.36	211.6	7.68	201.6	7.52
	86	28.4	253.5	8.97	239.6	8.43	226.6	7.89	221.5	7.52	211.6	7.30	201.6	6.69
		35.5	253.5	8.91	239.6	8.36	226.6	7.81	221.5	7.52	211.6	7.24	201.6	6.69
		71.0	253.5	8.65	239.6	8.07	226.6	7.52	221.5	7.52	211.6	6.98	201.6	6.69
		88.8	253.5	8.65	239.6	8.07	226.6	7.52	221.5	7.24	211.6	6.98	201.6	6.69
		106.5	253.5	8.65	239.6	8.07	226.6	7.52	221.5	7.09	211.6	6.98	201.6	6.69
	95	28.4	253.5	8.14	239.6	7.60	226.6	6.98	221.5	7.05	211.6	6.40	201.6	6.21
		35.5	253.5	8.07	239.6	7.52	226.6	6.98	221.5	6.98	211.6	6.40	201.6	6.14
		71.0	253.5	7.81	239.6	7.24	226.6	6.98	221.5	6.69	211.6	6.40	201.6	5.85
		88.8	253.5	7.81	239.6	7.24	226.6	6.69	221.5	6.69	211.6	6.40	201.6	5.85
		106.5	253.5	7.81	239.6	7.24	226.6	6.54	221.5	6.69	211.6	6.40	201.6	5.85
	104	28.4	253.5	7.60	239.6	7.05	226.6	6.47	221.5	6.14	211.6	5.85	201.6	5.63
		35.5	253.5	7.52	239.6	6.98	226.6	6.40	221.5	6.14	211.6	5.85	201.6	5.56
		71.0	253.5	7.24	239.6	6.69	226.6	6.14	221.5	6.14	211.6	5.85	201.6	5.30
		88.8	253.5	7.24	239.6	6.69	226.6	6.14	221.5	5.85	211.6	5.56	201.6	5.30
		106.5	253.5	7.24	239.6	6.69	226.6	6.14	221.5	5.71	211.6	5.42	201.6	5.30
	113	28.4	253.5	7.05	239.6	6.47	226.6	5.99	221.5	5.24	211.6	5.30	201.6	5.09
		35.5	253.5	6.98	239.6	6.40	226.6	5.85	221.5	5.30	211.6	5.30	201.6	5.02
		71.0	253.5	6.69	239.6	6.14	226.6	5.30	221.5	5.56	211.6	5.30	201.6	4.73
		88.8	253.5	6.69	239.6	6.14	226.6	5.56	221.5	5.02	211.6	4.73	201.6	4.73
		106.5	253.5	6.69	239.6	6.14	226.6	5.69	221.5	4.74	211.6	4.44	201.6	4.73

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

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HEATING CAPACITY DATA

ARWN289DAS4, ARWB289DAS4

288,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet water Temp. (°F)	Water flow rate [gpm]	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]
60	23	28.4	87.1	8.18	81.6	7.87	77.2	7.56	76.3	7.03	76.0	6.91	74.6	6.17
		35.5	90.1	8.36	84.4	8.04	79.9	7.73	79.0	7.18	78.7	7.06	77.2	6.31
		71.0	102.2	9.08	95.5	8.73	90.4	8.39	89.5	7.78	89.2	7.67	87.4	6.86
		88.8	112.7	9.77	105.5	9.43	100.1	9.05	98.9	8.42	98.6	8.27	96.4	7.38
		106.5	118.0	10.12	110.5	9.78	104.9	9.39	103.6	8.74	103.3	8.58	101.0	7.64
	32	28.4	155.8	11.98	143.5	11.56	133.9	11.06	131.2	10.29	129.4	10.15	124.7	9.06
		35.5	156.7	12.02	144.4	11.59	134.7	11.10	132.0	10.32	130.2	10.18	125.4	9.08
		71.0	160.3	12.17	147.7	11.70	138.0	11.24	135.0	10.44	133.2	10.29	128.1	9.17
		88.8	162.8	12.17	150.1	11.70	140.1	11.24	137.1	10.44	135.3	10.29	130.2	9.17
		106.5	164.0	12.17	151.3	11.70	141.2	11.24	138.2	10.44	136.4	10.29	131.3	9.17
	41	28.4	215.3	13.05	203.1	12.56	194.7	12.04	189.9	11.21	181.7	11.04	173.0	9.84
		35.5	215.8	13.12	203.4	12.63	194.7	12.11	189.9	11.27	181.7	11.10	173.0	9.89
		71.0	217.6	13.38	204.9	12.89	194.7	12.37	189.9	11.50	181.7	11.33	173.0	10.09
		88.8	217.6	13.49	204.6	12.97	194.7	12.45	189.9	11.59	181.7	11.39	173.0	10.18
		106.5	217.6	13.55	204.5	13.02	194.7	12.50	189.9	11.63	181.7	11.42	173.0	10.22
	50	28.4	216.5	11.99	203.8	11.47	194.7	10.93	189.9	10.20	181.7	10.01	173.0	8.97
		35.5	216.7	11.99	204.0	11.47	194.7	10.93	189.9	10.23	181.7	10.00	173.0	8.99
		71.0	217.6	11.99	204.9	11.47	194.7	10.93	189.9	10.35	181.7	9.97	173.0	9.08
		88.8	217.6	12.02	204.6	11.36	194.7	10.81	189.9	10.23	181.7	9.89	173.0	8.99
		106.5	217.6	12.04	204.5	11.30	194.7	10.75	189.9	10.18	181.7	9.84	173.0	8.95
	59	28.4	217.6	10.94	204.6	10.39	194.7	9.81	189.9	9.20	181.7	8.97	173.0	8.07
		35.5	217.6	10.87	204.6	10.32	194.7	9.74	189.9	9.20	181.7	8.91	173.0	8.07
		71.0	217.6	10.58	204.6	10.03	194.7	9.48	189.9	9.20	181.7	8.65	173.0	8.07
		88.8	217.6	10.58	204.6	9.74	194.7	9.20	189.9	8.91	181.7	8.36	173.0	7.81
		106.5	217.6	10.58	204.6	9.60	194.7	9.05	189.9	8.76	181.7	8.21	173.0	7.68
	68	28.4	217.6	9.56	204.6	8.97	194.7	8.43	189.9	8.14	181.7	7.89	173.0	7.30
		35.5	217.6	9.48	204.6	8.91	194.7	8.36	189.9	8.07	181.7	7.81	173.0	7.24
		71.0	217.6	9.20	204.6	8.65	194.7	8.07	189.9	7.81	181.7	7.52	173.0	6.98
		88.8	217.6	9.20	204.6	8.65	194.7	8.07	189.9	7.81	181.7	7.52	173.0	6.98
		106.5	217.6	9.20	204.6	8.65	194.7	8.07	189.9	7.81	181.7	7.52	173.0	6.98
	77	28.4	217.6	8.43	204.6	7.89	194.7	7.24	189.9	7.30	181.7	6.69	173.0	6.47
		35.5	217.6	8.36	204.6	7.81	194.7	7.24	189.9	7.24	181.7	6.69	173.0	6.40
		71.0	217.6	8.07	204.6	7.52	194.7	7.24	189.9	6.98	181.7	6.69	173.0	6.14
		88.8	217.6	8.07	204.6	7.52	194.7	6.98	189.9	6.98	181.7	6.69	173.0	6.14
		106.5	217.6	8.07	204.6	7.52	194.7	6.85	189.9	6.98	181.7	6.69	173.0	6.14
	86	28.4	217.6	7.60	204.6	7.05	194.7	6.76	189.9	6.47	181.7	6.21	173.0	5.92
		35.5	217.6	7.52	204.6	6.98	194.7	6.69	189.9	6.40	181.7	6.14	173.0	5.85
		71.0	217.6	7.24	204.6	6.69	194.7	6.40	189.9	6.14	181.7	5.85	173.0	5.56
		88.8	217.6	7.24	204.6	6.69	194.7	6.40	189.9	6.14	181.7	5.85	173.0	5.56
		106.5	217.6	7.24	204.6	6.69	194.7	6.40	189.9	6.14	181.7	5.85	173.0	5.56
	95	28.4	217.6	6.69	204.6	6.47	194.7	5.85	189.9	5.92	181.7	5.63	173.0	5.38
		35.5	217.6	6.69	204.6	6.40	194.7	5.85	189.9	5.85	181.7	5.56	173.0	5.30
		71.0	217.6	6.69	204.6	6.14	194.7	5.85	189.9	5.56	181.7	5.30	173.0	5.02
		88.8	217.6	6.69	204.6	6.14	194.7	5.56	189.9	5.56	181.7	5.30	173.0	5.02
		106.5	217.6	6.69	204.6	6.14	194.7	5.42	189.9	5.56	181.7	5.30	173.0	5.02
	104	28.4	217.6	6.14	204.6	5.92	194.7	5.30	189.9	5.38	181.7	5.09	173.0	4.73
		35.5	217.6	6.14	204.6	5.85	194.7	5.30	189.9	5.30	181.7	5.02	173.0	4.73
		71.0	217.6	6.14	204.6	5.56	194.7	5.30	189.9	5.02	181.7	4.73	173.0	4.73
		88.8	217.6	6.14	204.6	5.56	194.7	5.30	189.9	5.02	181.7	4.73	173.0	4.73
		106.5	217.6	6.14	204.6	5.56	194.7	5.30	189.9	5.02	181.7	4.73	173.0	4.73
	113	28.4	217.6	5.56	204.6	5.38	194.7	4.73	189.9	4.79	181.7	4.54	173.0	4.11
		35.5	217.6	5.56	204.6	5.30	194.7	4.73	189.9	4.73	181.7	4.47	173.0	4.18
		71.0	217.6	5.56	204.6	5.02	194.7	4.73	189.9	4.47	181.7	4.18	173.0	4.47
		88.8	217.6	5.56	204.6	5.02	194.7	5.02	189.9	4.47	181.7	4.18	173.0	4.47
		106.5	217.6	5.56	204.6	5.02	194.7	5.16	189.9	4.47	181.7	4.18	173.0	4.47

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN289DAS4, ARWB289DAS4

288,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet water Temp. (°F)	Water flow rate [gpm]	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]
50	23	28.4	72.6	6.52	68.2	6.17	64.4	5.84	63.5	5.53	63.2	5.19	62.1	4.91
		35.5	75.0	6.66	70.5	6.31	66.6	5.97	65.7	5.65	65.4	5.30	64.2	5.02
		71.0	84.7	7.21	79.6	6.86	75.3	6.46	74.4	6.14	74.1	5.77	72.6	5.42
		88.8	93.7	7.78	88.0	7.38	83.2	6.98	82.3	6.63	81.7	6.20	80.5	5.85
		106.5	98.3	8.07	92.3	7.64	87.1	7.24	86.2	6.88	85.5	6.42	84.4	6.07
	32	28.4	129.4	9.55	119.9	9.06	111.4	8.53	109.0	8.10	107.5	7.62	103.7	7.19
		35.5	130.2	9.57	120.6	9.08	112.1	8.56	109.7	8.13	108.2	7.64	104.3	7.21
		71.0	133.2	9.66	123.3	9.17	114.8	8.68	112.4	8.24	110.9	7.73	106.7	7.29
		88.8	135.3	9.66	125.1	9.17	116.3	8.68	114.2	8.24	112.4	7.73	108.5	7.29
		106.5	136.4	9.66	126.0	9.17	117.1	8.68	115.1	8.24	113.2	7.73	109.4	7.29
	41	28.4	178.9	10.38	169.7	9.84	161.8	9.29	157.9	8.84	151.0	8.29	144.1	7.80
		35.5	179.3	10.44	170.0	9.89	161.8	9.34	157.9	8.88	151.0	8.33	144.1	7.84
		71.0	180.8	10.64	171.2	10.09	162.2	9.54	157.9	9.05	151.0	8.48	144.1	8.01
		88.8	180.8	10.72	170.9	10.18	162.2	9.60	157.9	9.11	151.0	8.56	144.1	8.07
		106.5	180.8	10.77	170.7	10.22	162.2	9.63	157.9	9.14	151.0	8.61	144.1	8.10
	50	28.4	180.1	9.56	170.1	9.00	161.8	8.46	157.9	8.09	151.0	7.47	144.1	7.13
		35.5	180.2	9.54	170.3	8.99	161.8	8.45	157.9	8.07	151.0	7.50	144.1	7.12
		71.0	180.8	9.48	171.2	8.97	162.2	8.39	157.9	8.01	151.0	7.58	144.1	7.06
		88.8	180.8	9.54	170.9	8.99	162.2	8.42	157.9	8.04	151.0	7.47	144.1	7.09
		106.5	180.8	9.57	170.7	9.01	162.2	8.43	157.9	8.06	151.0	7.41	144.1	7.11
	59	28.4	180.8	8.72	170.9	8.14	162.2	7.60	157.9	7.30	151.0	6.69	144.1	6.47
		35.5	180.8	8.65	170.9	8.07	162.2	7.52	157.9	7.24	151.0	6.69	144.1	6.40
		71.0	180.8	8.36	170.9	7.81	162.2	7.24	157.9	6.98	151.0	6.69	144.1	6.14
		88.8	180.8	8.36	170.9	7.81	162.2	7.24	157.9	6.98	151.0	6.40	144.1	6.14
		106.5	180.8	8.36	170.9	7.81	162.2	7.24	157.9	6.98	151.0	6.25	144.1	6.14
	68	28.4	180.8	7.60	170.9	7.05	162.2	6.76	157.9	6.47	151.0	6.21	144.1	5.56
		35.5	180.8	7.52	170.9	6.98	162.2	6.69	157.9	6.40	151.0	6.14	144.1	5.56
		71.0	180.8	7.24	170.9	6.69	162.2	6.40	157.9	6.14	151.0	5.85	144.1	5.56
		88.8	180.8	7.24	170.9	6.69	162.2	6.40	157.9	6.14	151.0	5.85	144.1	5.56
		106.5	180.8	7.24	170.9	6.69	162.2	6.40	157.9	6.14	151.0	5.85	144.1	5.56
	77	28.4	180.8	6.76	170.9	6.14	162.2	5.92	157.9	5.56	151.0	5.30	144.1	5.02
		35.5	180.8	6.69	170.9	6.14	162.2	5.85	157.9	5.56	151.0	5.30	144.1	5.02
		71.0	180.8	6.40	170.9	6.14	162.2	5.56	157.9	5.56	151.0	5.30	144.1	5.02
		88.8	180.8	6.40	170.9	6.14	162.2	5.56	157.9	5.56	151.0	5.30	144.1	5.02
		106.5	180.8	6.40	170.9	6.14	162.2	5.56	157.9	5.56	151.0	5.30	144.1	5.02
	86	28.4	180.8	6.21	170.9	5.63	162.2	5.38	157.9	5.02	151.0	5.09	144.1	4.79
		35.5	180.8	6.14	170.9	5.56	162.2	5.30	157.9	5.02	151.0	5.02	144.1	4.73
		71.0	180.8	5.85	170.9	5.30	162.2	5.02	157.9	5.02	151.0	4.73	144.1	4.47
		88.8	180.8	5.85	170.9	5.30	162.2	5.02	157.9	5.02	151.0	4.73	144.1	4.47
		106.5	180.8	5.85	170.9	5.30	162.2	5.02	157.9	5.02	151.0	4.73	144.1	4.47
	95	28.4	180.8	5.63	170.9	5.02	162.2	4.73	157.9	4.79	151.0	4.47	144.1	4.18
		35.5	180.8	5.56	170.9	5.02	162.2	4.73	157.9	4.73	151.0	4.47	144.1	4.18
		71.0	180.8	5.30	170.9	5.02	162.2	4.73	157.9	4.47	151.0	4.47	144.1	4.18
		88.8	180.8	5.30	170.9	5.02	162.2	4.73	157.9	4.47	151.0	4.47	144.1	4.18
		106.5	180.8	5.30	170.9	5.02	162.2	4.73	157.9	4.47	151.0	4.47	144.1	4.18
	104	28.4	180.8	5.09	170.9	4.79	162.2	4.54	157.9	4.18	151.0	4.25	144.1	3.89
		35.5	180.8	5.02	170.9	4.73	162.2	4.47	157.9	4.18	151.0	4.18	144.1	3.89
		71.0	180.8	4.73	170.9	4.47	162.2	4.18	157.9	4.18	151.0	3.89	144.1	3.89
		88.8	180.8	4.73	170.9	4.47	162.2	4.18	157.9	4.18	151.0	3.89	144.1	3.89
		106.5	180.8	4.73	170.9	4.47	162.2	4.18	157.9	4.18	151.0	3.89	144.1	3.89
	113	28.4	180.8	4.54	170.9	4.61	162.2	4.32	157.9	3.57	151.0	4.03	144.1	3.63
		35.5	180.8	4.47	170.9	4.47	162.2	4.18	157.9	3.63	151.0	3.89	144.1	3.63
		71.0	180.8	4.18	170.9	3.89	162.2	3.63	157.9	3.89	151.0	3.34	144.1	3.63
		88.8	180.8	4.18	170.9	3.89	162.2	3.63	157.9	3.89	151.0	3.34	144.1	3.63
		106.5	180.8	4.18	170.9	3.89	162.2	3.63	157.9	3.89	151.0	3.34	144.1	3.63

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN337DAS4, ARWB337DAS4

336,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet water Temp. (°F)	Water flow rate [gpm]	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]
130	23	34.5	178.8	21.03	177.5	19.80	176.5	18.43	174.1	17.89	176.1	17.42	171.3	15.62
		43.1	185.0	21.40	183.5	20.18	182.5	18.83	180.0	18.28	182.1	17.80	177.2	15.96
		86.2	209.2	22.85	207.5	21.71	206.4	20.43	203.6	19.84	206.1	19.28	200.8	17.31
		107.8	231.4	24.30	229.3	23.20	227.9	22.02	225.0	21.43	227.9	20.81	221.9	18.66
		129.3	242.5	25.04	240.2	23.95	238.7	22.82	235.9	22.23	238.8	21.57	232.5	19.34
	32	34.5	319.4	28.76	312.2	27.90	305.5	26.99	298.9	26.23	299.9	25.51	286.2	22.85
		43.1	321.4	28.84	314.0	27.97	307.3	27.07	300.6	26.31	301.7	25.58	288.0	22.92
		86.2	329.1	29.15	321.0	28.25	314.4	27.38	307.7	26.62	308.7	25.86	295.0	23.20
		107.8	334.0	29.15	326.0	28.25	319.3	27.38	312.2	26.62	313.3	25.86	299.2	23.20
		129.3	336.5	29.15	328.4	28.25	321.8	27.38	314.5	26.62	315.6	25.86	301.4	23.20
	41	34.5	460.1	30.91	453.2	30.15	443.7	29.38	432.5	28.55	420.9	27.76	397.7	24.86
		43.1	461.7	31.05	454.0	30.29	443.8	29.53	432.5	28.70	420.9	27.90	397.7	25.00
		86.2	468.0	31.61	457.1	30.85	444.1	30.12	432.5	29.29	420.9	28.46	397.7	25.52
		107.8	470.8	31.82	458.5	31.05	444.1	30.33	432.5	29.50	420.9	28.67	397.7	25.69
		129.3	472.2	31.92	459.2	31.16	444.1	30.43	432.5	29.60	420.9	28.77	397.7	25.78
	50	34.5	460.7	28.13	453.2	27.19	442.3	26.67	430.7	26.08	419.3	25.19	396.1	22.73
		43.1	463.4	28.08	455.4	27.21	444.1	26.73	432.5	26.07	420.9	25.17	397.7	22.71
		86.2	474.3	27.87	463.8	27.32	451.1	26.93	439.5	26.03	427.2	25.10	404.0	22.64
		107.8	476.8	28.25	467.0	27.70	454.0	27.04	441.6	26.14	430.0	25.52	406.5	23.72
		129.3	478.0	28.44	468.6	27.89	455.4	27.09	442.7	26.19	431.5	25.72	407.7	24.26
	59	34.5	461.4	25.35	453.3	24.27	440.6	24.01	428.9	23.61	417.7	22.61	394.5	20.60
		43.1	465.2	25.10	456.8	24.17	444.1	23.96	432.5	23.44	420.9	22.43	397.7	20.43
		86.2	480.3	24.10	470.5	23.75	458.2	23.75	446.6	22.75	433.6	21.74	410.3	19.73
		107.8	482.8	24.68	475.0	24.30	463.8	23.75	451.1	22.75	439.5	22.36	415.3	21.74
		129.3	484.0	24.98	477.4	24.58	466.6	23.75	453.4	22.75	442.5	22.68	417.8	22.75
	68	34.5	479.0	23.26	470.2	22.17	457.8	21.69	445.1	21.00	432.2	20.53	406.5	19.90
		43.1	482.8	23.09	474.0	22.16	461.3	21.67	448.7	21.08	436.0	20.67	410.3	19.73
		86.2	497.9	22.43	489.1	22.09	475.4	21.60	462.7	21.43	451.1	21.22	425.5	19.08
		107.8	500.0	22.43	492.6	22.09	481.0	21.74	467.3	21.43	454.7	21.22	429.0	20.29
		129.3	501.1	22.43	494.4	22.09	483.9	21.81	469.6	21.43	456.4	21.22	430.8	20.90
	77	34.5	505.6	22.18	492.6	21.53	481.0	21.17	471.9	20.82	461.3	20.51	435.0	19.16
		43.1	505.6	22.09	492.6	21.50	481.0	21.08	471.9	20.74	461.3	20.43	435.0	19.08
		86.2	505.6	21.74	492.6	21.36	481.0	20.74	471.9	20.43	461.3	20.08	435.0	18.73
		107.8	505.6	21.43	492.6	20.81	481.0	20.43	471.9	20.08	461.3	19.73	435.0	18.42
		129.3	505.6	21.27	492.6	20.53	481.0	20.27	471.9	19.91	461.3	19.56	435.0	18.26
	86	34.5	505.6	21.61	492.6	20.53	481.0	20.34	471.9	19.81	461.3	19.60	435.0	18.24
		43.1	505.6	21.43	492.6	20.50	481.0	20.22	471.9	19.73	461.3	19.42	435.0	18.07
		86.2	505.6	20.74	492.6	20.36	481.0	19.73	471.9	19.42	461.3	18.73	435.0	17.41
		107.8	505.6	20.43	492.6	19.80	481.0	19.42	471.9	19.08	461.3	18.73	435.0	17.41
		129.3	505.6	20.27	492.6	19.52	481.0	19.27	471.9	18.90	461.3	18.73	435.0	17.41
	95	34.5	505.6	20.60	492.6	19.92	481.0	19.51	471.9	18.81	461.3	18.16	435.0	16.89
		43.1	505.6	20.43	492.6	19.80	481.0	19.42	471.9	18.73	461.3	18.07	435.0	16.72
		86.2	505.6	19.73	492.6	19.35	481.0	19.08	471.9	18.42	461.3	17.73	435.0	16.06
		107.8	505.6	19.73	492.6	19.15	481.0	18.73	471.9	18.07	461.3	17.41	435.0	16.06
		129.3	505.6	19.73	492.6	19.04	481.0	18.56	471.9	17.90	461.3	17.26	435.0	16.06
	104	34.5	505.6	19.90	492.6	19.27	481.0	18.90	471.9	18.24	461.3	17.59	435.0	15.88
		43.1	505.6	19.73	492.6	19.15	481.0	18.73	471.9	18.07	461.3	17.41	435.0	15.72
		86.2	505.6	19.08	492.6	18.66	481.0	18.07	471.9	17.41	461.3	16.72	435.0	15.06
		107.8	505.6	18.73	492.6	18.35	481.0	18.07	471.9	17.41	461.3	16.72	435.0	15.06
		129.3	505.6	18.56	492.6	18.19	481.0	18.07	471.9	17.41	461.3	16.72	435.0	15.06
	113	34.5	505.6	19.24	492.6	18.61	481.0	18.33	471.9	17.67	461.3	16.98	435.0	14.88
		43.1	505.6	19.08	492.6	18.49	481.0	18.07	471.9	17.41	461.3	16.72	435.0	14.71
		86.2	505.6	18.42	492.6	18.00	481.0	17.07	471.9	16.41	461.3	15.72	435.0	14.06
		107.8	505.6	17.73	492.6	17.55	481.0	17.41	471.9	16.72	461.3	16.06	435.0	14.06
		129.3	505.6	17.38	492.6	17.33	481.0	17.59	471.9	16.88	461.3	16.24	435.0	14.06

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN337DAS4, ARWB337DAS4

336,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet water Temp. (°F)	Water flow rate [gpm]	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]
120	23	34.5	170.0	21.03	168.6	19.80	167.6	18.43	165.6	17.65	166.9	17.14	162.5	15.34
		43.1	175.8	21.40	174.4	20.18	173.4	18.83	171.2	18.04	172.6	17.52	168.1	15.68
		86.2	199.0	22.85	197.3	21.71	196.2	20.43	193.7	19.56	195.5	19.01	190.2	17.03
		107.8	219.8	24.30	218.0	23.20	216.6	22.02	214.1	21.12	215.9	20.50	209.9	18.35
		129.3	230.2	25.04	228.5	23.95	226.9	22.82	224.4	21.90	226.2	21.25	219.8	19.01
	32	34.5	303.8	28.76	296.4	27.90	290.1	26.99	284.2	25.85	284.2	25.13	271.2	22.47
		43.1	305.6	28.84	298.2	27.97	291.9	27.07	285.9	25.93	285.9	25.20	272.9	22.54
		86.2	312.6	29.15	305.2	28.25	298.9	27.38	292.6	26.24	292.6	25.48	279.5	22.82
		107.8	317.5	29.15	310.1	28.25	303.5	27.38	297.1	26.24	296.8	25.48	283.8	22.82
		129.3	320.0	29.15	312.6	28.25	305.8	27.38	299.4	26.24	298.9	25.48	285.9	22.82
	41	34.5	437.9	30.91	431.4	30.15	422.0	29.38	411.8	28.14	398.7	27.35	376.9	24.49
		43.1	439.5	31.05	432.2	30.29	422.0	29.53	411.8	28.29	398.7	27.49	376.9	24.62
		86.2	445.9	31.61	435.3	30.85	422.0	30.12	411.8	28.87	398.7	28.04	376.9	25.10
		107.8	448.3	31.82	432.9	31.05	422.0	30.33	411.8	29.08	398.7	28.25	376.9	25.27
		129.3	449.6	31.92	431.6	31.16	422.0	30.43	411.8	29.19	398.7	28.36	376.9	25.36
	50	34.5	439.6	27.77	431.4	27.00	420.8	26.46	410.6	25.65	397.7	24.81	376.0	22.30
		43.1	441.6	27.87	433.2	27.11	422.0	26.55	411.8	25.69	398.7	24.79	376.9	22.33
		86.2	449.7	28.25	440.2	27.52	426.5	26.93	416.3	25.83	403.0	24.72	380.8	22.43
		107.8	452.2	28.15	438.8	27.52	428.3	27.04	418.1	25.93	404.7	24.82	382.6	23.20
		129.3	453.4	28.09	438.1	27.52	429.2	27.09	419.0	25.98	405.6	24.88	383.5	23.58
	59	34.5	440.8	24.63	431.9	23.91	419.6	23.53	409.4	23.18	396.7	22.25	374.9	20.17
		43.1	443.4	24.68	434.6	23.96	422.0	23.58	411.8	23.09	398.7	22.09	376.9	20.08
		86.2	453.6	24.89	445.2	24.17	431.4	23.75	420.9	22.75	406.8	21.43	385.0	19.73
		107.8	456.1	24.51	444.8	23.96	435.0	23.75	424.4	22.75	410.3	21.43	388.5	21.08
		129.3	457.3	24.32	444.6	23.85	436.7	23.75	426.2	22.75	412.1	21.43	390.3	21.76
	68	34.5	453.1	22.16	444.6	21.21	431.2	20.65	419.3	20.35	405.7	20.10	383.8	19.08
		43.1	456.1	22.16	447.3	21.29	433.6	20.74	422.0	20.43	408.2	20.08	386.1	19.01
		86.2	467.7	22.16	457.8	21.60	443.1	21.08	432.5	20.74	418.4	20.01	395.2	18.73
		107.8	469.8	21.95	457.5	21.43	446.6	21.08	435.0	20.74	420.9	20.08	397.7	19.42
		129.3	470.8	21.84	457.3	21.34	448.3	21.08	436.2	20.74	422.1	20.11	398.9	19.77
	77	34.5	475.1	20.95	461.3	19.98	446.6	19.60	437.1	19.16	425.5	18.81	402.3	17.50
		43.1	475.4	20.88	461.3	19.94	446.6	19.56	437.1	19.08	425.5	18.73	402.3	17.41
		86.2	476.5	20.56	461.3	19.80	446.6	19.42	437.1	18.73	425.5	18.42	402.3	17.07
		107.8	477.9	19.80	461.3	19.28	446.6	19.08	437.1	18.73	425.5	18.07	402.3	17.07
		129.3	478.6	19.42	461.3	19.02	446.6	18.90	437.1	18.73	425.5	17.90	402.3	17.07
	86	34.5	477.9	20.04	461.3	19.05	446.6	18.51	437.1	17.80	425.5	17.59	402.3	16.15
		43.1	477.9	19.87	461.3	18.94	446.6	18.42	437.1	17.73	425.5	17.41	402.3	16.06
		86.2	477.9	19.21	461.3	18.49	446.6	18.07	437.1	17.41	425.5	16.72	402.3	15.72
		107.8	477.9	18.59	461.3	18.07	446.6	17.73	437.1	17.41	425.5	16.72	402.3	15.41
		129.3	477.9	18.28	461.3	17.86	446.6	17.55	437.1	17.41	425.5	16.72	402.3	15.25
	95	34.5	477.9	19.14	461.3	18.10	446.6	17.59	437.1	16.89	425.5	16.23	402.3	14.79
		43.1	477.9	18.87	461.3	17.93	446.6	17.41	437.1	16.72	425.5	16.06	402.3	14.71
		86.2	477.9	17.80	461.3	17.28	446.6	16.72	437.1	16.06	425.5	15.41	402.3	14.40
		107.8	477.9	17.59	461.3	17.14	446.6	16.72	437.1	16.06	425.5	15.41	402.3	14.06
		129.3	477.9	17.48	461.3	17.07	446.6	16.72	437.1	16.06	425.5	15.41	402.3	13.88
	104	34.5	477.9	18.57	461.3	17.27	446.6	16.59	437.1	15.88	425.5	15.23	402.3	13.79
		43.1	477.9	18.21	461.3	17.07	446.6	16.41	437.1	15.72	425.5	15.06	402.3	13.71
		86.2	477.9	16.79	461.3	16.27	446.6	15.72	437.1	15.06	425.5	14.40	402.3	13.40
		107.8	477.9	16.58	461.3	16.06	446.6	15.72	437.1	15.06	425.5	14.40	402.3	13.05
		129.3	477.9	16.48	461.3	15.96	446.6	15.72	437.1	15.06	425.5	14.40	402.3	12.88
	113	34.5	477.9	18.00	461.3	16.44	446.6	15.58	437.1	14.88	425.5	14.22	402.3	12.78
		43.1	477.9	17.55	461.3	16.20	446.6	15.41	437.1	14.71	425.5	14.06	402.3	12.71
		86.2	477.9	15.79	461.3	15.27	446.6	14.71	437.1	14.06	425.5	13.40	402.3	12.39
		107.8	477.9	15.58	461.3	14.99	446.6	14.71	437.1	14.06	425.5	13.40	402.3	12.05
		129.3	477.9	15.47	461.3	14.85	446.6	14.71	437.1	14.06	425.5	13.40	402.3	11.87

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN337DAS4, ARWB337DAS4

336,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet water Temp. (°F)	Water flow rate [gpm]	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]
110	23	34.5	160.8	21.31	159.8	19.80	158.7	18.43	157.0	17.65	157.5	17.14	154.0	15.34
		43.1	166.3	21.67	165.3	20.18	164.2	18.83	162.5	18.04	162.8	17.52	159.3	15.68
		86.2	188.1	23.13	187.1	21.71	186.0	20.43	183.9	19.56	183.9	19.01	180.4	17.03
		107.8	207.8	24.62	206.4	23.20	205.4	22.02	203.2	21.12	203.2	20.50	199.0	18.35
		129.3	217.7	25.37	216.2	23.95	215.1	22.82	213.0	21.90	213.0	21.25	208.4	19.01
	32	34.5	287.4	29.15	281.0	27.90	275.1	26.99	269.9	25.85	267.4	25.13	257.3	22.47
		43.1	289.0	29.22	282.7	27.97	276.7	27.07	271.5	25.93	269.0	25.20	258.8	22.54
		86.2	295.7	29.50	289.4	28.25	283.1	27.38	277.8	26.24	275.3	25.48	264.8	22.82
		107.8	300.3	29.50	294.0	28.25	287.6	27.38	282.0	26.24	279.5	25.48	268.6	22.82
		129.3	302.6	29.50	296.3	28.25	289.9	27.38	284.1	26.24	281.7	25.48	270.6	22.82
	41	34.5	419.1	31.33	409.2	30.15	399.7	29.38	390.7	28.14	375.5	27.35	357.3	24.49
		43.1	420.5	31.47	410.0	30.29	399.8	29.53	390.7	28.29	375.5	27.49	357.3	24.62
		86.2	426.2	32.02	413.2	30.85	400.2	30.12	390.7	28.87	375.5	28.04	357.3	25.10
		107.8	428.6	32.23	414.2	31.05	400.2	30.33	390.7	29.08	375.5	28.25	357.3	25.27
		129.3	429.9	32.34	414.7	31.16	400.2	30.43	390.7	29.19	375.5	28.36	357.3	25.36
	50	34.5	420.7	28.09	410.3	27.13	399.2	26.54	390.0	25.65	374.9	24.81	356.8	22.30
		43.1	422.3	28.15	411.4	27.21	399.8	26.62	390.7	25.69	375.5	24.79	357.3	22.33
		86.2	428.6	28.35	415.6	27.52	402.3	26.93	393.1	25.83	378.0	24.72	359.0	22.43
		107.8	431.1	28.35	417.4	27.52	403.7	26.87	393.8	25.76	378.7	24.82	360.1	22.68
		129.3	432.3	28.35	418.3	27.52	404.4	26.83	394.2	25.72	379.1	24.88	360.6	22.80
	59	34.5	421.9	24.86	410.9	24.17	399.0	23.75	389.5	23.18	374.3	22.25	356.4	20.17
		43.1	423.7	24.82	412.5	24.17	400.2	23.75	390.7	23.09	375.5	22.09	357.3	20.08
		86.2	430.7	24.68	418.4	24.17	404.7	23.75	395.2	22.75	380.5	21.43	360.8	19.73
		107.8	433.2	24.51	420.5	23.96	406.8	23.44	396.6	22.43	381.5	21.43	362.9	20.08
		129.3	434.4	24.42	421.6	23.85	407.9	23.28	397.3	22.28	382.0	21.43	363.9	20.25
	68	34.5	429.8	21.46	418.1	20.95	404.6	20.43	393.7	20.08	379.3	19.51	359.3	18.25
		43.1	432.2	21.50	419.5	20.95	405.8	20.43	395.2	20.08	380.5	19.42	360.8	18.21
		86.2	441.3	21.67	425.1	20.95	410.3	20.43	401.2	20.08	385.0	19.08	366.4	18.07
		107.8	443.8	21.67	428.6	20.95	412.8	20.43	402.3	19.73	387.1	19.08	367.5	18.07
		129.3	445.0	21.67	430.4	20.95	414.1	20.43	402.8	19.56	388.2	19.08	368.0	18.07
	77	34.5	443.2	19.53	430.0	18.81	412.8	18.51	403.7	17.80	389.6	17.16	368.9	15.72
		43.1	444.1	19.49	430.0	18.73	412.8	18.42	403.7	17.73	389.6	17.07	368.9	15.72
		86.2	447.6	19.35	430.0	18.42	412.8	18.07	403.7	17.41	389.6	16.72	368.9	15.72
		107.8	449.7	19.35	430.0	18.49	412.8	17.73	403.7	17.41	389.6	16.41	368.9	15.41
		129.3	450.8	19.35	430.0	18.52	412.8	17.55	403.7	17.41	389.6	16.25	368.9	15.25
	86	34.5	449.7	17.80	430.0	17.16	412.8	16.50	403.7	16.15	389.6	15.15	368.9	14.14
		43.1	449.7	17.73	430.0	17.07	412.8	16.41	403.7	16.06	389.6	15.06	368.9	14.06
		86.2	449.7	17.41	430.0	16.72	412.8	16.06	403.7	15.72	389.6	14.71	368.9	13.71
		107.8	449.7	17.28	430.0	16.41	412.8	15.72	403.7	15.41	389.6	14.71	368.9	13.71
		129.3	449.7	17.21	430.0	16.25	412.8	15.54	403.7	15.25	389.6	14.71	368.9	13.71
	95	34.5	449.7	16.89	430.0	15.80	412.8	15.15	403.7	14.49	389.6	13.79	368.9	12.78
		43.1	449.7	16.72	430.0	15.72	412.8	15.06	403.7	14.40	389.6	13.71	368.9	12.71
		86.2	449.7	16.06	430.0	15.41	412.8	14.71	403.7	14.06	389.6	13.40	368.9	12.39
		107.8	449.7	15.65	430.0	15.06	412.8	14.40	403.7	14.06	389.6	13.40	368.9	12.39
		129.3	449.7	15.44	430.0	14.89	412.8	14.25	403.7	14.06	389.6	13.40	368.9	12.39
	104	34.5	449.7	15.88	430.0	15.23	412.8	14.22	403.7	13.49	389.6	12.78	368.9	11.78
		43.1	449.7	15.72	430.0	15.06	412.8	14.06	403.7	13.40	389.6	12.71	368.9	11.70
		86.2	449.7	15.06	430.0	14.40	412.8	13.40	403.7	13.05	389.6	12.39	368.9	11.39
		107.8	449.7	14.85	430.0	14.06	412.8	13.40	403.7	12.71	389.6	12.05	368.9	11.04
		129.3	449.7	14.75	430.0	13.88	412.8	13.40	403.7	12.53	389.6	11.87	368.9	10.87
	113	34.5	449.7	14.88	430.0	14.66	412.8	13.31	403.7	12.48	389.6	11.78	368.9	10.78
		43.1	449.7	14.71	430.0	14.40	412.8	13.05	403.7	12.39	389.6	11.70	368.9	10.70
		86.2	449.7	14.06	430.0	13.40	412.8	12.05	403.7	12.05	389.6	11.39	368.9	10.39
		107.8	449.7	14.06	430.0	13.05	412.8	12.39	403.7	11.39	389.6	10.70	368.9	9.69
		129.3	449.7	14.06	430.0	12.88	412.8	12.57	403.7	11.06	389.6	10.35	368.9	9.34

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN337DAS4, ARWB337DAS4

336,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet water Temp. (°F)	Water flow rate [gpm]	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]
100	23	34.5	151.9	21.31	150.9	20.08	150.3	18.43	149.0	17.65	147.5	16.87	144.7	15.34
		43.1	157.2	21.67	156.1	20.46	155.4	18.83	154.0	18.04	152.6	17.24	149.8	15.68
		86.2	177.9	23.13	176.9	21.98	175.8	20.43	174.1	19.56	172.6	18.73	169.8	17.03
		107.8	196.6	24.62	195.2	23.51	194.1	22.02	192.3	21.12	190.9	20.18	187.4	18.35
		129.3	206.0	25.37	204.4	24.28	203.3	22.82	201.6	21.90	200.1	20.92	196.3	19.01
	32	34.5	271.6	29.15	265.6	28.28	260.1	26.99	255.5	25.85	251.0	24.75	242.3	22.47
		43.1	273.2	29.22	267.2	28.35	261.6	27.07	257.0	25.93	252.5	24.82	243.7	22.54
		86.2	279.5	29.50	273.6	28.63	267.6	27.38	263.0	26.24	258.4	25.10	249.3	22.82
		107.8	283.8	29.50	277.8	28.63	271.8	27.38	266.9	26.24	262.3	25.10	253.2	22.82
		129.3	285.9	29.50	279.9	28.63	273.9	27.38	268.8	26.24	264.3	25.10	255.1	22.82
	41	34.5	400.8	31.33	387.5	30.57	377.6	29.38	369.9	28.14	352.3	26.93	336.2	24.49
		43.1	402.3	31.47	388.2	30.71	377.6	29.53	369.9	28.29	352.3	27.07	336.2	24.62
		86.2	407.9	32.02	391.0	31.26	378.0	30.12	369.9	28.87	352.3	27.63	336.2	25.10
		107.8	410.3	32.23	392.1	31.47	378.0	30.33	369.9	29.08	352.3	27.80	336.2	25.27
		129.3	411.6	32.34	392.6	31.57	378.0	30.43	369.9	29.19	352.3	27.89	336.2	25.36
	50	34.5	403.0	28.02	388.7	27.40	378.0	26.54	369.9	25.65	352.3	24.38	336.2	22.30
		43.1	404.0	28.15	389.3	27.49	378.0	26.62	369.9	25.69	352.3	24.41	336.2	22.33
		86.2	407.9	28.67	391.4	27.84	378.0	26.93	369.9	25.83	352.3	24.51	336.2	22.43
		107.8	410.7	28.56	393.1	27.84	378.0	26.87	369.9	25.76	352.3	24.44	336.2	22.33
		129.3	412.1	28.51	394.0	27.84	378.0	26.83	369.9	25.72	352.3	24.41	336.2	22.28
	59	34.5	405.2	24.70	390.4	24.29	378.0	23.75	369.9	23.18	352.3	21.82	336.2	20.17
		43.1	405.8	24.82	390.7	24.30	378.0	23.75	369.9	23.09	352.3	21.74	336.2	20.08
		86.2	407.9	25.31	391.7	24.37	378.0	23.75	369.9	22.75	352.3	21.43	336.2	19.73
		107.8	411.4	24.89	393.8	24.17	378.0	23.44	369.9	22.43	352.3	21.08	336.2	19.42
		129.3	413.2	24.68	394.9	24.06	378.0	23.28	369.9	22.28	352.3	20.91	336.2	19.27
	68	34.5	407.4	21.13	392.5	20.58	378.0	20.08	369.9	19.81	352.3	18.51	336.2	17.59
		43.1	408.9	21.22	392.8	20.60	378.0	20.08	369.9	19.73	352.3	18.42	336.2	17.41
		86.2	414.9	21.60	393.8	20.67	378.0	20.08	369.9	19.42	352.3	18.07	336.2	16.72
		107.8	417.4	21.22	397.3	20.50	378.0	19.73	369.9	19.08	352.3	17.73	336.2	16.41
		129.3	418.6	21.03	399.1	20.41	378.0	19.56	369.9	18.90	352.3	17.55	336.2	16.25
	77	34.5	412.4	18.47	398.7	17.89	378.0	17.16	369.9	16.50	352.3	15.49	336.2	14.06
		43.1	413.9	18.49	398.7	17.80	378.0	17.07	369.9	16.41	352.3	15.41	336.2	14.06
		86.2	419.8	18.56	398.7	17.41	378.0	16.72	369.9	16.06	352.3	15.06	336.2	14.06
		107.8	422.0	18.14	398.7	17.28	378.0	16.41	369.9	15.72	352.3	15.06	336.2	13.71
		129.3	423.0	17.93	398.7	17.21	378.0	16.25	369.9	15.54	352.3	15.06	336.2	13.54
	86	34.5	422.0	16.80	398.7	15.49	378.0	14.44	369.9	14.14	352.3	13.05	336.2	12.48
		43.1	422.0	16.72	398.7	15.41	378.0	14.40	369.9	14.06	352.3	13.05	336.2	12.39
		86.2	422.0	16.41	398.7	15.06	378.0	14.26	369.9	13.71	352.3	13.05	336.2	12.05
		107.8	422.0	16.06	398.7	15.06	378.0	14.06	369.9	13.71	352.3	12.71	336.2	12.05
		129.3	422.0	15.89	398.7	15.06	378.0	13.95	369.9	13.71	352.3	12.53	336.2	12.05
	95	34.5	422.0	15.58	398.7	14.22	378.0	12.74	369.9	12.48	352.3	11.78	336.2	10.78
		43.1	422.0	15.41	398.7	14.06	378.0	12.71	369.9	12.39	352.3	11.70	336.2	10.70
		86.2	422.0	14.71	398.7	13.40	378.0	12.57	369.9	12.05	352.3	11.39	336.2	10.39
		107.8	422.0	14.71	398.7	13.40	378.0	12.39	369.9	12.05	352.3	11.39	336.2	10.39
		129.3	422.0	14.71	398.7	13.40	378.0	12.31	369.9	12.05	352.3	11.39	336.2	10.39
	104	34.5	422.0	14.58	398.7	13.22	378.0	11.43	369.9	11.13	352.3	10.47	336.2	9.77
		43.1	422.0	14.40	398.7	13.05	378.0	11.39	369.9	11.04	352.3	10.39	336.2	9.69
		86.2	422.0	13.71	398.7	12.39	378.0	11.25	369.9	10.70	352.3	10.04	336.2	9.38
		107.8	422.0	13.40	398.7	12.39	378.0	11.04	369.9	10.70	352.3	10.04	336.2	9.38
		129.3	422.0	13.24	398.7	12.39	378.0	10.94	369.9	10.70	352.3	10.04	336.2	9.38
	113	34.5	422.0	13.57	398.7	12.21	378.0	10.07	369.9	9.77	352.3	9.12	336.2	8.77
		43.1	422.0	13.40	398.7	12.05	378.0	10.04	369.9	9.69	352.3	9.04	336.2	8.69
		86.2	422.0	12.71	398.7	11.39	378.0	9.90	369.9	9.38	352.3	8.69	336.2	8.38
		107.8	422.0	12.05	398.7	11.39	378.0	9.69	369.9	9.38	352.3	8.69	336.2	8.38
		129.3	422.0	11.72	398.7	11.39	378.0	9.59	369.9	9.38	352.3	8.69	336.2	8.38

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN337DAS4, ARWB337DAS4

336,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet water Temp. (°F)	Water flow rate [gpm]	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]
90	23	34.5	143.4	19.77	139.0	18.01	135.0	15.82	133.9	15.07	132.9	14.53	130.6	13.04
		43.1	148.4	20.11	143.8	18.35	139.6	16.17	138.5	15.41	137.5	14.85	135.0	13.33
		86.2	168.1	21.46	162.8	19.70	157.9	17.55	156.8	16.72	155.8	16.13	152.6	14.47
		107.8	185.7	22.82	179.7	21.08	174.4	18.94	173.0	18.04	171.9	17.38	168.8	15.61
		129.3	194.5	23.50	188.2	21.78	182.7	19.64	181.2	18.70	180.1	18.01	176.9	16.19
	32	34.5	256.6	26.93	244.7	25.27	233.5	23.20	230.0	22.13	226.2	21.30	217.7	19.13
		43.1	258.1	27.00	246.1	25.34	234.9	23.27	231.4	22.19	227.5	21.36	219.1	19.18
		86.2	264.1	27.28	251.8	25.62	240.5	23.51	236.6	22.43	232.8	21.60	224.3	19.39
		107.8	267.9	27.28	255.6	25.62	244.4	23.51	240.2	22.43	236.6	21.60	227.9	19.39
		129.3	269.9	27.28	257.6	25.62	246.3	23.51	241.9	22.43	238.6	21.60	229.6	19.39
	41	34.5	362.5	28.92	350.8	27.29	339.7	25.25	332.6	24.08	317.9	23.18	302.8	20.81
		43.1	362.9	29.05	350.6	27.42	339.7	25.38	332.6	24.20	317.9	23.30	302.8	20.91
		86.2	364.3	29.57	349.5	27.94	339.7	25.86	332.6	24.68	317.9	23.78	302.8	21.33
		107.8	366.4	29.74	350.6	28.11	339.7	26.07	332.6	24.86	317.9	23.96	302.8	21.50
		129.3	367.5	29.83	351.1	28.20	339.7	26.17	332.6	24.94	317.9	24.04	302.8	21.59
	50	34.5	364.5	25.53	352.1	24.28	339.7	22.86	332.6	21.92	317.9	21.03	302.8	18.95
		43.1	364.3	25.55	351.6	24.30	339.7	22.88	332.6	21.95	317.9	21.01	302.8	18.97
		86.2	363.6	25.62	349.9	24.41	339.7	22.99	332.6	22.05	317.9	20.95	302.8	19.04
		107.8	366.0	25.55	350.9	24.34	339.7	22.92	332.6	21.98	317.9	21.01	302.8	19.11
		129.3	367.3	25.52	351.5	24.30	339.7	22.88	332.6	21.95	317.9	21.05	302.8	19.15
	59	34.5	366.3	22.11	353.3	21.31	339.7	20.51	332.6	19.81	317.9	18.90	302.8	17.16
		43.1	365.7	22.02	352.7	21.22	339.7	20.43	332.6	19.73	317.9	18.73	302.8	17.07
		86.2	363.2	21.67	350.2	20.88	339.7	20.08	332.6	19.42	317.9	18.07	302.8	16.72
		107.8	365.7	21.36	351.3	20.56	339.7	19.73	332.6	19.08	317.9	18.07	302.8	16.72
		129.3	366.9	21.20	351.8	20.41	339.7	19.56	332.6	18.90	317.9	18.07	302.8	16.72
	68	34.5	368.5	18.66	354.8	18.12	339.7	17.50	332.6	16.80	317.9	16.23	302.8	15.23
		43.1	368.2	18.66	354.1	18.07	339.7	17.41	332.6	16.72	317.9	16.06	302.8	15.06
		86.2	366.7	18.66	351.3	17.86	339.7	17.07	332.6	16.41	317.9	15.41	302.8	14.40
		107.8	367.8	18.35	352.3	17.73	339.7	17.07	332.6	16.41	317.9	15.41	302.8	14.40
		129.3	368.3	18.19	352.9	17.66	339.7	17.07	332.6	16.41	317.9	15.41	302.8	14.40
	77	34.5	374.7	16.31	359.4	15.44	339.7	14.79	332.6	14.06	317.9	13.49	302.8	12.48
		43.1	375.5	16.27	359.4	15.41	339.7	14.71	332.6	14.06	317.9	13.40	302.8	12.39
		86.2	379.1	16.13	359.4	15.27	339.7	14.40	332.6	14.06	317.9	13.05	302.8	12.05
		107.8	380.5	15.72	359.4	14.92	339.7	14.40	332.6	13.71	317.9	13.05	302.8	12.05
		129.3	381.2	15.51	359.4	14.75	339.7	14.40	332.6	13.54	317.9	13.05	302.8	12.05
	86	34.5	380.5	14.79	359.4	13.79	339.7	12.78	332.6	12.48	317.9	11.78	302.8	10.70
		43.1	380.5	14.71	359.4	13.71	339.7	12.71	332.6	12.39	317.9	11.70	302.8	10.70
		86.2	380.5	14.40	359.4	13.40	339.7	12.39	332.6	12.05	317.9	11.39	302.8	10.70
		107.8	380.5	14.06	359.4	13.05	339.7	12.39	332.6	12.05	317.9	11.39	302.8	10.39
		129.3	380.5	13.88	359.4	12.88	339.7	12.39	332.6	12.05	317.9	11.39	302.8	10.23
	95	34.5	380.5	13.49	359.4	12.48	339.7	11.48	332.6	11.13	317.9	10.47	302.8	9.77
		43.1	380.5	13.40	359.4	12.39	339.7	11.39	332.6	11.04	317.9	10.39	302.8	9.69
		86.2	380.5	13.05	359.4	12.05	339.7	11.04	332.6	10.70	317.9	10.04	302.8	9.38
		107.8	380.5	12.71	359.4	11.70	339.7	10.70	332.6	10.39	317.9	10.04	302.8	9.38
		129.3	380.5	12.53	359.4	11.53	339.7	10.52	332.6	10.23	317.9	10.04	302.8	9.38
	104	34.5	380.5	12.57	359.4	11.48	339.7	10.13	332.6	9.77	317.9	9.47	302.8	8.77
		43.1	380.5	12.39	359.4	11.39	339.7	10.04	332.6	9.69	317.9	9.38	302.8	8.69
		86.2	380.5	11.70	359.4	11.04	339.7	9.69	332.6	9.38	317.9	9.04	302.8	8.38
		107.8	380.5	11.70	359.4	11.04	339.7	9.69	332.6	9.38	317.9	9.04	302.8	8.38
		129.3	380.5	11.70	359.4	11.04	339.7	9.69	332.6	9.38	317.9	9.04	302.8	8.38
	113	34.5	380.5	11.64	359.4	10.47	339.7	8.77	332.6	8.47	317.9	8.47	302.8	7.76
		43.1	380.5	11.39	359.4	10.39	339.7	8.69	332.6	8.38	317.9	8.38	302.8	7.69
		86.2	380.5	10.39	359.4	10.04	339.7	8.38	332.6	8.03	317.9	8.03	302.8	7.37
		107.8	380.5	10.70	359.4	10.39	339.7	8.69	332.6	8.38	317.9	8.03	302.8	7.37
		129.3	380.5	10.85	359.4	10.56	339.7	8.85	332.6	8.55	317.9	8.03	302.8	7.37

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN337DAS4, ARWB337DAS4

336,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet water Temp. (°F)	Water flow rate [gpm]	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]
80	23	34.5	135.7	14.09	127.2	13.55	120.4	12.98	119.0	12.54	118.3	11.96	115.9	11.02
		43.1	140.3	14.40	131.5	13.85	124.5	13.26	123.1	12.81	122.4	12.22	119.9	11.25
		86.2	158.6	15.65	148.7	15.03	140.7	14.37	139.2	13.88	138.5	13.26	135.7	12.19
		107.8	175.5	16.86	164.2	16.20	155.4	15.51	153.7	14.99	153.0	14.30	149.8	13.16
		129.3	184.0	17.47	172.0	16.80	162.9	16.09	160.9	15.55	160.2	14.82	156.9	13.64
	32	34.5	242.2	20.68	223.4	19.85	208.0	19.02	204.1	18.37	201.3	17.50	193.6	16.12
		43.1	243.7	20.74	224.7	19.91	209.2	19.08	205.4	18.42	202.5	17.55	194.8	16.17
		86.2	249.7	20.98	230.0	20.15	214.1	19.28	210.3	18.63	207.5	17.76	199.4	16.34
		107.8	253.2	20.98	233.5	20.15	217.7	19.28	213.4	18.63	210.6	17.76	202.5	16.34
		129.3	254.9	20.98	235.3	20.15	219.4	19.28	215.0	18.63	212.2	17.76	204.1	16.34
	41	34.5	335.1	22.48	316.2	21.64	302.3	20.66	295.7	19.98	283.1	19.05	269.0	17.53
		43.1	335.8	22.61	316.8	21.74	302.4	20.77	295.7	20.08	283.1	19.15	269.0	17.62
		86.2	338.6	23.09	319.3	22.16	302.8	21.22	295.7	20.50	283.1	19.53	269.0	18.00
		107.8	338.6	23.23	318.9	22.33	302.8	21.36	295.7	20.63	283.1	19.66	269.0	18.11
		129.3	338.6	23.30	318.7	22.42	302.8	21.43	295.7	20.70	283.1	19.73	269.0	18.16
	50	34.5	336.9	20.69	317.5	19.76	302.3	18.76	295.7	18.24	283.1	17.27	269.0	15.99
		43.1	337.2	20.67	317.9	19.73	302.4	18.76	295.7	18.25	283.1	17.28	269.0	15.99
		86.2	338.6	20.56	319.3	19.63	302.8	18.80	295.7	18.28	283.1	17.31	269.0	16.03
		107.8	338.6	20.50	318.9	19.70	302.8	18.87	295.7	18.18	283.1	17.21	269.0	15.93
		129.3	338.6	20.46	318.7	19.73	302.8	18.90	295.7	18.12	283.1	17.15	269.0	15.87
	59	34.5	338.6	18.90	318.9	17.89	302.8	16.80	295.7	16.50	283.1	15.49	269.0	14.49
		43.1	338.6	18.73	318.9	17.73	302.8	16.72	295.7	16.41	283.1	15.41	269.0	14.40
		86.2	338.6	18.07	318.9	17.07	302.8	16.41	295.7	16.06	283.1	15.06	269.0	14.06
		107.8	338.6	17.73	318.9	17.07	302.8	16.41	295.7	15.72	283.1	14.71	269.0	13.71
		129.3	338.6	17.55	318.9	17.07	302.8	16.41	295.7	15.54	283.1	14.54	269.0	13.54
	68	34.5	338.6	15.80	318.9	15.15	302.8	14.40	295.7	14.14	283.1	13.49	269.0	12.48
		43.1	338.6	15.72	318.9	15.06	302.8	14.40	295.7	14.06	283.1	13.40	269.0	12.39
		86.2	338.6	15.41	318.9	14.71	302.8	14.40	295.7	13.71	283.1	13.05	269.0	12.05
		107.8	338.6	15.06	318.9	14.40	302.8	14.06	295.7	13.71	283.1	12.71	269.0	12.05
		129.3	338.6	14.89	318.9	14.25	302.8	13.88	295.7	13.71	283.1	12.53	269.0	12.05
	77	34.5	338.6	14.14	318.9	13.14	302.8	12.39	295.7	12.14	283.1	11.48	269.0	10.78
		43.1	338.6	14.06	318.9	13.05	302.8	12.39	295.7	12.05	283.1	11.39	269.0	10.70
		86.2	338.6	13.71	318.9	12.71	302.8	12.39	295.7	11.70	283.1	11.04	269.0	10.39
		107.8	338.6	13.40	318.9	12.71	302.8	12.05	295.7	11.70	283.1	11.04	269.0	10.39
		129.3	338.6	13.24	318.9	12.71	302.8	11.87	295.7	11.70	283.1	11.04	269.0	10.39
	86	34.5	338.6	12.48	318.9	11.78	302.8	11.13	295.7	10.78	283.1	10.13	269.0	9.47
		43.1	338.6	12.39	318.9	11.70	302.8	11.04	295.7	10.70	283.1	10.04	269.0	9.38
		86.2	338.6	12.05	318.9	11.39	302.8	10.70	295.7	10.39	283.1	9.69	269.0	9.04
		107.8	338.6	12.05	318.9	11.39	302.8	10.70	295.7	10.39	283.1	9.69	269.0	9.04
		129.3	338.6	12.05	318.9	11.39	302.8	10.70	295.7	10.39	283.1	9.69	269.0	9.04
	95	34.5	338.6	11.48	318.9	10.78	302.8	9.77	295.7	9.38	283.1	9.12	269.0	8.38
		43.1	338.6	11.39	318.9	10.70	302.8	9.69	295.7	9.38	283.1	9.04	269.0	8.38
		86.2	338.6	11.04	318.9	10.39	302.8	9.38	295.7	9.38	283.1	8.69	269.0	8.38
		107.8	338.6	11.04	318.9	10.04	302.8	9.38	295.7	9.04	283.1	8.69	269.0	8.03
		129.3	338.6	11.04	318.9	9.87	302.8	9.38	295.7	8.86	283.1	8.69	269.0	7.86
	104	34.5	338.6	10.86	318.9	9.77	302.8	8.69	295.7	8.77	283.1	8.03	269.0	7.76
		43.1	338.6	10.70	318.9	9.69	302.8	8.69	295.7	8.69	283.1	8.03	269.0	7.69
		86.2	338.6	10.04	318.9	9.38	302.8	8.69	295.7	8.38	283.1	8.03	269.0	7.37
		107.8	338.6	10.04	318.9	9.38	302.8	8.38	295.7	8.38	283.1	8.03	269.0	7.37
		129.3	338.6	10.04	318.9	9.38	302.8	8.22	295.7	8.38	283.1	8.03	269.0	7.37
	113	34.5	338.6	10.29	318.9	8.77	302.8	7.60	295.7	8.20	283.1	6.94	269.0	7.19
		43.1	338.6	10.04	318.9	8.69	302.8	7.69	295.7	8.03	283.1	7.03	269.0	7.03
		86.2	338.6	9.04	318.9	8.38	302.8	8.03	295.7	7.37	283.1	7.37	269.0	6.37
		107.8	338.6	9.04	318.9	8.69	302.8	7.37	295.7	7.69	283.1	7.37	269.0	6.68
		129.3	338.6	9.04	318.9	8.85	302.8	7.04	295.7	7.84	283.1	7.37	269.0	6.84

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN337DAS4, ARWB337DAS4

336,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet water Temp. (°F)	Water flow rate [gpm]	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]
70	23	34.5	118.3	12.10	111.2	11.52	105.1	11.15	104.0	10.51	103.3	10.13	101.7	9.22
		43.1	122.4	12.36	115.0	11.77	108.7	11.39	107.6	10.73	106.9	10.35	105.1	9.42
		86.2	138.5	13.40	130.1	12.78	122.7	12.36	121.7	11.63	121.0	11.22	118.9	10.21
		107.8	153.3	14.47	143.8	13.78	135.7	13.33	134.7	12.53	133.6	12.12	131.2	11.01
		129.3	160.8	15.01	150.7	14.28	142.3	13.82	141.2	12.99	140.0	12.57	137.4	11.41
	32	34.5	211.8	17.71	195.8	16.89	181.8	16.32	178.6	15.36	175.8	14.84	169.6	13.50
		43.1	213.1	17.76	196.9	16.93	182.8	16.38	179.7	15.41	176.9	14.89	170.5	13.54
		86.2	218.0	17.97	201.5	17.10	187.1	16.58	183.9	15.58	181.1	15.06	174.4	13.68
		107.8	221.2	17.97	204.6	17.10	189.9	16.58	186.7	15.58	183.9	15.06	177.2	13.68
		129.3	222.8	17.97	206.2	17.10	191.3	16.58	188.1	15.58	185.3	15.06	178.6	13.68
	41	34.5	292.6	19.29	277.3	18.36	264.0	17.77	258.4	16.75	246.8	16.15	235.2	14.67
		43.1	293.3	19.39	277.8	18.45	264.1	17.86	258.4	16.83	246.8	16.24	235.2	14.75
		86.2	295.7	19.77	279.9	18.83	264.4	18.25	258.4	17.14	246.8	16.58	235.2	15.06
		107.8	295.7	19.91	279.5	18.97	264.4	18.38	258.4	17.28	246.8	16.69	235.2	15.16
		129.3	295.7	19.98	279.4	19.04	264.4	18.45	258.4	17.35	246.8	16.74	235.2	15.22
	50	34.5	294.0	17.76	278.2	16.79	264.4	16.17	258.4	15.27	246.8	14.64	235.2	13.40
		43.1	294.3	17.73	278.5	16.76	264.4	16.13	258.4	15.27	246.8	14.64	235.2	13.40
		86.2	295.7	17.59	279.5	16.62	264.4	15.99	258.4	15.27	246.8	14.64	235.2	13.40
		107.8	295.7	17.66	279.5	16.69	264.4	16.06	258.4	15.34	246.8	14.54	235.2	13.43
		129.3	295.7	17.69	279.5	16.72	264.4	16.10	258.4	15.37	246.8	14.49	235.2	13.45
	59	34.5	295.7	16.23	279.5	15.23	264.4	14.58	258.4	13.79	246.8	13.14	235.2	12.14
		43.1	295.7	16.06	279.5	15.06	264.4	14.40	258.4	13.71	246.8	13.05	235.2	12.05
		86.2	295.7	15.41	279.5	14.40	264.4	13.71	258.4	13.40	246.8	12.71	235.2	11.70
		107.8	295.7	15.41	279.5	14.40	264.4	13.71	258.4	13.40	246.8	12.39	235.2	11.70
		129.3	295.7	15.41	279.5	14.40	264.4	13.71	258.4	13.40	246.8	12.24	235.2	11.70
	68	34.5	295.7	13.49	279.5	12.78	264.4	12.48	258.4	12.14	246.8	11.48	235.2	10.78
		43.1	295.7	13.40	279.5	12.71	264.4	12.39	258.4	12.05	246.8	11.39	235.2	10.70
		86.2	295.7	13.05	279.5	12.39	264.4	12.05	258.4	11.70	246.8	11.04	235.2	10.39
		107.8	295.7	13.05	279.5	12.39	264.4	12.05	258.4	11.39	246.8	11.04	235.2	10.04
		129.3	295.7	13.05	279.5	12.39	264.4	12.05	258.4	11.23	246.8	11.04	235.2	9.87
	77	34.5	295.7	12.14	279.5	11.48	264.4	10.78	258.4	10.47	246.8	9.69	235.2	9.04
		43.1	295.7	12.05	279.5	11.39	264.4	10.70	258.4	10.39	246.8	9.69	235.2	9.04
		86.2	295.7	11.70	279.5	11.04	264.4	10.39	258.4	10.04	246.8	9.69	235.2	9.04
		107.8	295.7	11.39	279.5	10.70	264.4	10.39	258.4	10.04	246.8	9.38	235.2	9.04
		129.3	295.7	11.23	279.5	10.52	264.4	10.39	258.4	10.04	246.8	9.23	235.2	9.04
	86	34.5	295.7	10.78	279.5	10.13	264.4	9.47	258.4	9.04	246.8	8.77	235.2	8.03
		43.1	295.7	10.70	279.5	10.04	264.4	9.38	258.4	9.04	246.8	8.69	235.2	8.03
		86.2	295.7	10.39	279.5	9.69	264.4	9.04	258.4	9.04	246.8	8.38	235.2	8.03
		107.8	295.7	10.39	279.5	9.69	264.4	9.04	258.4	8.69	246.8	8.38	235.2	8.03
		129.3	295.7	10.39	279.5	9.69	264.4	9.04	258.4	8.52	246.8	8.38	235.2	8.03
	95	34.5	295.7	9.77	279.5	9.12	264.4	8.38	258.4	8.47	246.8	7.69	235.2	7.46
		43.1	295.7	9.69	279.5	9.04	264.4	8.38	258.4	8.38	246.8	7.69	235.2	7.37
		86.2	295.7	9.38	279.5	8.69	264.4	8.38	258.4	8.03	246.8	7.69	235.2	7.03
		107.8	295.7	9.38	279.5	8.69	264.4	8.03	258.4	8.03	246.8	7.69	235.2	7.03
		129.3	295.7	9.38	279.5	8.69	264.4	7.86	258.4	8.03	246.8	7.69	235.2	7.03
	104	34.5	295.7	9.12	279.5	8.47	264.4	7.76	258.4	7.37	246.8	7.03	235.2	6.76
		43.1	295.7	9.04	279.5	8.38	264.4	7.69	258.4	7.37	246.8	7.03	235.2	6.68
		86.2	295.7	8.69	279.5	8.03	264.4	7.37	258.4	7.37	246.8	7.03	235.2	6.37
		107.8	295.7	8.69	279.5	8.03	264.4	7.37	258.4	7.03	246.8	6.68	235.2	6.37
		129.3	295.7	8.69	279.5	8.03	264.4	7.37	258.4	6.85	246.8	6.51	235.2	6.37
	113	34.5	295.7	8.47	279.5	7.76	264.4	7.19	258.4	6.29	246.8	6.37	235.2	6.11
		43.1	295.7	8.38	279.5	7.69	264.4	7.03	258.4	6.37	246.8	6.37	235.2	6.02
		86.2	295.7	8.03	279.5	7.37	264.4	6.37	258.4	6.68	246.8	6.37	235.2	5.68
		107.8	295.7	8.03	279.5	7.37	264.4	6.68	258.4	6.02	246.8	5.68	235.2	5.68
		129.3	295.7	8.03	279.5	7.37	264.4	6.84	258.4	5.69	246.8	5.33	235.2	5.68

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN337DAS4, ARWB337DAS4

336,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet water Temp. (°F)	Water flow rate [gpm]	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]
60	23	34.5	101.6	9.82	95.2	9.45	90.1	9.08	89.0	8.44	88.7	8.30	87.0	7.42
		43.1	105.1	10.04	98.5	9.66	93.2	9.28	92.1	8.62	91.8	8.48	90.0	7.58
		86.2	119.2	10.91	111.5	10.49	105.5	10.07	104.4	9.35	104.1	9.21	102.0	8.24
		107.8	131.5	11.74	123.1	11.32	116.7	10.87	115.3	10.11	115.0	9.94	112.5	8.86
		129.3	137.7	12.16	128.9	11.74	122.4	11.27	120.8	10.49	120.5	10.30	117.8	9.18
	32	34.5	181.8	14.39	167.5	13.88	156.2	13.29	153.1	12.36	151.0	12.19	145.5	10.88
		43.1	182.8	14.44	168.4	13.92	157.2	13.33	154.0	12.39	151.9	12.22	146.3	10.91
		86.2	187.1	14.61	172.3	14.06	161.0	13.50	157.5	12.53	155.4	12.36	149.4	11.01
		107.8	189.9	14.61	175.1	14.06	163.5	13.50	160.0	12.53	157.9	12.36	151.9	11.01
		129.3	191.3	14.61	176.5	14.06	164.7	13.50	161.2	12.53	159.1	12.36	153.1	11.01
	41	34.5	251.2	15.67	236.9	15.09	227.2	14.46	221.5	13.47	212.0	13.26	201.8	11.81
		43.1	251.8	15.75	237.3	15.16	227.2	14.54	221.5	13.54	212.0	13.33	201.8	11.87
		86.2	253.9	16.06	239.1	15.48	227.2	14.85	221.5	13.81	212.0	13.61	201.8	12.12
		107.8	253.9	16.20	238.8	15.58	227.2	14.96	221.5	13.92	212.0	13.68	201.8	12.22
		129.3	253.9	16.27	238.6	15.63	227.2	15.01	221.5	13.97	212.0	13.71	201.8	12.27
	50	34.5	252.6	14.40	237.8	13.78	227.2	13.12	221.5	12.26	212.0	12.02	201.8	10.78
		43.1	252.8	14.40	238.1	13.78	227.2	13.12	221.5	12.29	212.0	12.01	201.8	10.80
		86.2	253.9	14.40	239.1	13.78	227.2	13.12	221.5	12.43	212.0	11.98	201.8	10.91
		107.8	253.9	14.44	238.8	13.64	227.2	12.98	221.5	12.29	212.0	11.87	201.8	10.80
		129.3	253.9	14.45	238.6	13.57	227.2	12.91	221.5	12.22	212.0	11.82	201.8	10.75
	59	34.5	253.9	13.14	238.8	12.48	227.2	11.78	221.5	11.04	212.0	10.78	201.8	9.69
		43.1	253.9	13.05	238.8	12.39	227.2	11.70	221.5	11.04	212.0	10.70	201.8	9.69
		86.2	253.9	12.71	238.8	12.05	227.2	11.39	221.5	11.04	212.0	10.39	201.8	9.69
		107.8	253.9	12.71	238.8	11.70	227.2	11.04	221.5	10.70	212.0	10.04	201.8	9.38
		129.3	253.9	12.71	238.8	11.53	227.2	10.87	221.5	10.52	212.0	9.87	201.8	9.23
	68	34.5	253.9	11.48	238.8	10.78	227.2	10.13	221.5	9.77	212.0	9.47	201.8	8.77
		43.1	253.9	11.39	238.8	10.70	227.2	10.04	221.5	9.69	212.0	9.38	201.8	8.69
		86.2	253.9	11.04	238.8	10.39	227.2	9.69	221.5	9.38	212.0	9.04	201.8	8.38
		107.8	253.9	11.04	238.8	10.39	227.2	9.69	221.5	9.38	212.0	9.04	201.8	8.38
		129.3	253.9	11.04	238.8	10.39	227.2	9.69	221.5	9.38	212.0	9.04	201.8	8.38
	77	34.5	253.9	10.13	238.8	9.47	227.2	8.69	221.5	8.77	212.0	8.03	201.8	7.76
		43.1	253.9	10.04	238.8	9.38	227.2	8.69	221.5	8.69	212.0	8.03	201.8	7.69
		86.2	253.9	9.69	238.8	9.04	227.2	8.69	221.5	8.38	212.0	8.03	201.8	7.37
		107.8	253.9	9.69	238.8	9.04	227.2	8.38	221.5	8.38	212.0	8.03	201.8	7.37
		129.3	253.9	9.69	238.8	9.04	227.2	8.22	221.5	8.38	212.0	8.03	201.8	7.37
	86	34.5	253.9	9.12	238.8	8.47	227.2	8.12	221.5	7.76	212.0	7.46	201.8	7.12
		43.1	253.9	9.04	238.8	8.38	227.2	8.03	221.5	7.69	212.0	7.37	201.8	7.03
		86.2	253.9	8.69	238.8	8.03	227.2	7.69	221.5	7.37	212.0	7.03	201.8	6.68
		107.8	253.9	8.69	238.8	8.03	227.2	7.69	221.5	7.37	212.0	7.03	201.8	6.68
		129.3	253.9	8.69	238.8	8.03	227.2	7.69	221.5	7.37	212.0	7.03	201.8	6.68
	95	34.5	253.9	8.03	238.8	7.76	227.2	7.03	221.5	7.12	212.0	6.76	201.8	6.46
		43.1	253.9	8.03	238.8	7.69	227.2	7.03	221.5	7.03	212.0	6.68	201.8	6.37
		86.2	253.9	8.03	238.8	7.37	227.2	7.03	221.5	6.68	212.0	6.37	201.8	6.02
		107.8	253.9	8.03	238.8	7.37	227.2	6.68	221.5	6.68	212.0	6.37	201.8	6.02
		129.3	253.9	8.03	238.8	7.37	227.2	6.51	221.5	6.68	212.0	6.37	201.8	6.02
	104	34.5	253.9	7.37	238.8	7.12	227.2	6.37	221.5	6.46	212.0	6.11	201.8	5.68
		43.1	253.9	7.37	238.8	7.03	227.2	6.37	221.5	6.37	212.0	6.02	201.8	5.68
		86.2	253.9	7.37	238.8	6.68	227.2	6.37	221.5	6.02	212.0	5.68	201.8	5.68
		107.8	253.9	7.37	238.8	6.68	227.2	6.37	221.5	6.02	212.0	5.68	201.8	5.68
		129.3	253.9	7.37	238.8	6.68	227.2	6.37	221.5	6.02	212.0	5.68	201.8	5.68
	113	34.5	253.9	6.68	238.8	6.46	227.2	5.68	221.5	5.76	212.0	5.45	201.8	4.93
		43.1	253.9	6.68	238.8	6.37	227.2	5.68	221.5	5.68	212.0	5.37	201.8	5.02
		86.2	253.9	6.68	238.8	6.02	227.2	5.68	221.5	5.37	212.0	5.02	201.8	5.37
		107.8	253.9	6.68	238.8	6.02	227.2	6.02	221.5	5.37	212.0	5.02	201.8	5.37
		129.3	253.9	6.68	238.8	6.02	227.2	6.20	221.5	5.37	212.0	5.02	201.8	5.37

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN337DAS4, ARWB337DAS4

336,000 Btu/h, 460V Heat Pump and Heat Recovery Units

MULTI V WATER IV

Combination Ratio (%) (Capacity Index)	Inlet water Temp. (°F)	Water flow rate [gpm]	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]
50	23	34.5	84.7	7.83	79.6	7.42	75.1	7.02	74.1	6.64	73.7	6.23	72.4	5.90
		43.1	87.6	8.00	82.3	7.58	77.7	7.17	76.7	6.79	76.3	6.37	74.9	6.02
		86.2	98.8	8.66	92.8	8.24	87.9	7.76	86.9	7.37	86.5	6.92	84.7	6.51
		107.8	109.4	9.35	102.7	8.86	97.0	8.38	96.0	7.96	95.3	7.44	93.9	7.03
		129.3	114.7	9.70	107.6	9.18	101.7	8.69	100.6	8.26	99.7	7.71	98.5	7.29
	32	34.5	151.0	11.47	139.9	10.88	130.0	10.25	127.2	9.73	125.4	9.15	121.0	8.63
		43.1	151.9	11.49	140.7	10.91	130.8	10.28	128.0	9.76	126.2	9.17	121.7	8.66
		86.2	155.4	11.60	143.8	11.01	134.0	10.42	131.2	9.90	129.4	9.28	124.5	8.76
		107.8	157.9	11.60	145.9	11.01	135.7	10.42	133.3	9.90	131.2	9.28	126.6	8.76
		129.3	159.1	11.60	147.0	11.01	136.6	10.42	134.3	9.90	132.0	9.28	127.6	8.76
	41	34.5	208.8	12.47	198.0	11.81	188.7	11.16	184.3	10.61	176.2	9.96	168.1	9.36
		43.1	209.2	12.53	198.3	11.87	188.8	11.22	184.3	10.66	176.2	10.01	168.1	9.42
		86.2	211.0	12.78	199.7	12.12	189.2	11.46	184.3	10.87	176.2	10.18	168.1	9.62
		107.8	211.0	12.88	199.4	12.22	189.2	11.53	184.3	10.94	176.2	10.28	168.1	9.69
		129.3	211.0	12.93	199.2	12.27	189.2	11.56	184.3	10.98	176.2	10.33	168.1	9.73
	50	34.5	210.1	11.48	198.4	10.81	188.7	10.16	184.3	9.71	176.2	8.98	168.1	8.57
		43.1	210.3	11.46	198.7	10.80	188.8	10.14	184.3	9.69	176.2	9.00	168.1	8.55
		86.2	211.0	11.39	199.7	10.77	189.2	10.07	184.3	9.62	176.2	9.11	168.1	8.48
		107.8	211.0	11.46	199.4	10.80	189.2	10.11	184.3	9.66	176.2	8.97	168.1	8.52
		129.3	211.0	11.49	199.2	10.82	189.2	10.13	184.3	9.68	176.2	8.90	168.1	8.53
	59	34.5	211.0	10.47	199.4	9.77	189.2	9.12	184.3	8.77	176.2	8.03	168.1	7.76
		43.1	211.0	10.39	199.4	9.69	189.2	9.04	184.3	8.69	176.2	8.03	168.1	7.69
		86.2	211.0	10.04	199.4	9.38	189.2	8.69	184.3	8.38	176.2	8.03	168.1	7.37
		107.8	211.0	10.04	199.4	9.38	189.2	8.69	184.3	8.38	176.2	7.69	168.1	7.37
		129.3	211.0	10.04	199.4	9.38	189.2	8.69	184.3	8.38	176.2	7.51	168.1	7.37
	68	34.5	211.0	9.12	199.4	8.47	189.2	8.12	184.3	7.76	176.2	7.46	168.1	6.68
		43.1	211.0	9.04	199.4	8.38	189.2	8.03	184.3	7.69	176.2	7.37	168.1	6.68
		86.2	211.0	8.69	199.4	8.03	189.2	7.69	184.3	7.37	176.2	7.03	168.1	6.68
		107.8	211.0	8.69	199.4	8.03	189.2	7.69	184.3	7.37	176.2	7.03	168.1	6.68
		129.3	211.0	8.69	199.4	8.03	189.2	7.69	184.3	7.37	176.2	7.03	168.1	6.68
	77	34.5	211.0	8.12	199.4	7.37	189.2	7.12	184.3	6.68	176.2	6.37	168.1	6.02
		43.1	211.0	8.03	199.4	7.37	189.2	7.03	184.3	6.68	176.2	6.37	168.1	6.02
		86.2	211.0	7.69	199.4	7.37	189.2	6.68	184.3	6.68	176.2	6.37	168.1	6.02
		107.8	211.0	7.69	199.4	7.37	189.2	6.68	184.3	6.68	176.2	6.37	168.1	6.02
		129.3	211.0	7.69	199.4	7.37	189.2	6.68	184.3	6.68	176.2	6.37	168.1	6.02
	86	34.5	211.0	7.46	199.4	6.76	189.2	6.46	184.3	6.02	176.2	6.11	168.1	5.76
		43.1	211.0	7.37	199.4	6.68	189.2	6.37	184.3	6.02	176.2	6.02	168.1	5.68
		86.2	211.0	7.03	199.4	6.37	189.2	6.02	184.3	6.02	176.2	5.68	168.1	5.37
		107.8	211.0	7.03	199.4	6.37	189.2	6.02	184.3	6.02	176.2	5.68	168.1	5.37
		129.3	211.0	7.03	199.4	6.37	189.2	6.02	184.3	6.02	176.2	5.68	168.1	5.37
	95	34.5	211.0	6.76	199.4	6.02	189.2	5.68	184.3	5.76	176.2	5.37	168.1	5.02
		43.1	211.0	6.68	199.4	6.02	189.2	5.68	184.3	5.68	176.2	5.37	168.1	5.02
		86.2	211.0	6.37	199.4	6.02	189.2	5.68	184.3	5.37	176.2	5.37	168.1	5.02
		107.8	211.0	6.37	199.4	6.02	189.2	5.68	184.3	5.37	176.2	5.37	168.1	5.02
		129.3	211.0	6.37	199.4	6.02	189.2	5.68	184.3	5.37	176.2	5.37	168.1	5.02
	104	34.5	211.0	6.11	199.4	5.76	189.2	5.45	184.3	5.02	176.2	5.11	168.1	4.67
		43.1	211.0	6.02	199.4	5.68	189.2	5.37	184.3	5.02	176.2	5.02	168.1	4.67
		86.2	211.0	5.68	199.4	5.37	189.2	5.02	184.3	5.02	176.2	4.67	168.1	4.67
		107.8	211.0	5.68	199.4	5.37	189.2	5.02	184.3	5.02	176.2	4.67	168.1	4.67
		129.3	211.0	5.68	199.4	5.37	189.2	5.02	184.3	5.02	176.2	4.67	168.1	4.67
	113	34.5	211.0	5.45	199.4	5.54	189.2	5.19	184.3	4.28	176.2	4.84	168.1	4.36
		43.1	211.0	5.37	199.4	5.37	189.2	5.02	184.3	4.36	176.2	4.67	168.1	4.36
		86.2	211.0	5.02	199.4	4.67	189.2	4.36	184.3	4.67	176.2	4.02	168.1	4.36
		107.8	211.0	5.02	199.4	4.67	189.2	4.36	184.3	4.67	176.2	4.02	168.1	4.36
		129.3	211.0	5.02	199.4	4.67	189.2	4.36	184.3	4.67	176.2	4.02	168.1	4.36

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN432DAS4, ARWB432DAS4

432,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet water Temp. (°F)	Water flow rate [gpm]	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]
130	23	42.6	229.9	26.26	228.2	24.73	226.9	23.02	223.8	22.34	226.4	21.76	220.2	19.51
		53.3	237.8	26.72	236.0	25.21	234.6	23.52	231.5	22.83	234.2	22.23	227.9	19.93
		106.5	269.0	28.54	266.7	27.11	265.4	25.51	261.8	24.78	264.9	24.09	258.1	21.62
		133.1	297.5	30.36	294.8	28.97	293.0	27.50	289.3	26.77	293.0	25.99	285.3	23.31
		159.8	311.8	31.27	308.9	29.91	306.9	28.50	303.2	27.77	307.1	26.95	298.9	24.16
	32	42.6	410.7	35.92	401.4	34.85	392.8	33.72	384.3	32.77	385.6	31.87	368.0	28.54
		53.3	413.2	36.02	403.7	34.94	395.1	33.81	386.5	32.86	387.9	31.96	370.3	28.63
		106.5	423.2	36.41	412.8	35.28	404.2	34.20	395.6	33.25	396.9	32.30	379.3	28.97
		133.1	429.5	36.41	419.1	35.28	410.5	34.20	401.5	33.25	402.8	32.30	384.7	28.97
		159.8	432.7	36.41	422.3	35.28	413.7	34.20	404.4	33.25	405.8	32.30	387.5	28.97
	41	42.6	591.5	38.61	582.6	37.66	570.4	36.70	556.1	35.66	541.2	34.68	511.3	31.06
		53.3	593.6	38.79	583.7	37.84	570.5	36.88	556.1	35.85	541.2	34.85	511.3	31.22
		106.5	601.7	39.48	587.7	38.53	571.0	37.62	556.1	36.58	541.2	35.54	511.3	31.87
		133.1	605.4	39.74	589.5	38.79	571.0	37.88	556.1	36.84	541.2	35.80	511.3	32.09
		159.8	607.2	39.87	590.4	38.92	571.0	38.01	556.1	36.97	541.2	35.93	511.3	32.19
	50	42.6	592.3	35.13	582.7	33.95	568.7	33.32	553.8	32.57	539.1	31.46	509.3	28.39
		53.3	595.9	35.07	585.5	33.99	571.0	33.38	556.1	32.56	541.2	31.44	511.3	28.37
		106.5	609.9	34.81	596.3	34.12	580.0	33.64	565.1	32.52	549.3	31.35	519.5	28.28
		133.1	613.0	35.28	600.4	34.59	583.7	33.77	567.8	32.65	552.9	31.87	522.6	29.62
		159.8	614.6	35.52	602.4	34.83	585.5	33.84	569.2	32.71	554.7	32.13	524.2	30.30
	59	42.6	593.2	31.67	582.8	30.31	566.4	29.99	551.5	29.49	537.0	28.24	507.2	25.73
		53.3	598.1	31.35	587.3	30.18	571.0	29.92	556.1	29.27	541.2	28.02	511.3	25.51
		106.5	617.6	30.10	604.9	29.66	589.1	29.66	574.2	28.41	557.4	27.16	527.6	24.65
		133.1	620.7	30.83	610.8	30.36	596.3	29.66	580.0	28.41	565.1	27.93	533.9	27.16
		159.8	622.3	31.20	613.7	30.70	600.0	29.66	583.0	28.41	569.0	28.33	537.1	28.42
	68	42.6	615.8	29.05	604.5	27.70	588.6	27.09	572.3	26.22	555.7	25.64	522.7	24.86
		53.3	620.7	28.84	609.4	27.67	593.1	27.07	576.9	26.33	560.6	25.82	527.6	24.65
		106.5	640.2	28.02	628.9	27.59	611.2	26.98	595.0	26.77	580.0	26.51	547.0	23.83
		133.1	642.9	28.02	633.4	27.59	618.5	27.16	600.8	26.77	584.6	26.51	551.6	25.34
		159.8	644.2	28.02	635.7	27.59	622.1	27.24	603.8	26.77	586.8	26.51	553.8	26.10
	77	42.6	650.1	27.70	633.4	26.90	618.5	26.44	606.7	26.00	593.1	25.62	559.2	23.94
		53.3	650.1	27.59	633.4	26.85	618.5	26.33	606.7	25.90	593.1	25.51	559.2	23.83
		106.5	650.1	27.16	633.4	26.68	618.5	25.90	606.7	25.51	593.1	25.08	559.2	23.39
		133.1	650.1	26.77	633.4	25.99	618.5	25.51	606.7	25.08	593.1	24.65	559.2	23.00
		159.8	650.1	26.57	633.4	25.64	618.5	25.32	606.7	24.86	593.1	24.43	559.2	22.81
	86	42.6	650.1	26.98	633.4	25.64	618.5	25.41	606.7	24.75	593.1	24.48	559.2	22.78
		53.3	650.1	26.77	633.4	25.60	618.5	25.25	606.7	24.65	593.1	24.26	559.2	22.57
		106.5	650.1	25.90	633.4	25.43	618.5	24.65	606.7	24.26	593.1	23.39	559.2	21.75
		133.1	650.1	25.51	633.4	24.73	618.5	24.26	606.7	23.83	593.1	23.39	559.2	21.75
		159.8	650.1	25.32	633.4	24.39	618.5	24.06	606.7	23.61	593.1	23.39	559.2	21.75
	95	42.6	650.1	25.73	633.4	24.88	618.5	24.37	606.7	23.49	593.1	22.68	559.2	21.09
		53.3	650.1	25.51	633.4	24.73	618.5	24.26	606.7	23.39	593.1	22.57	559.2	20.89
		106.5	650.1	24.65	633.4	24.17	618.5	23.83	606.7	23.00	593.1	22.14	559.2	20.06
		133.1	650.1	24.65	633.4	23.91	618.5	23.39	606.7	22.57	593.1	21.75	559.2	20.06
		159.8	650.1	24.65	633.4	23.78	618.5	23.18	606.7	22.35	593.1	21.55	559.2	20.06
	104	42.6	650.1	24.86	633.4	24.07	618.5	23.60	606.7	22.78	593.1	21.97	559.2	19.84
		53.3	650.1	24.65	633.4	23.91	618.5	23.39	606.7	22.57	593.1	21.75	559.2	19.63
		106.5	650.1	23.83	633.4	23.31	618.5	22.57	606.7	21.75	593.1	20.89	559.2	18.81
		133.1	650.1	23.39	633.4	22.92	618.5	22.57	606.7	21.75	593.1	20.89	559.2	18.81
		159.8	650.1	23.18	633.4	22.72	618.5	22.57	606.7	21.75	593.1	20.89	559.2	18.81
	113	42.6	650.1	24.03	633.4	23.24	618.5	22.89	606.7	22.07	593.1	21.20	559.2	18.59
		53.3	650.1	23.83	633.4	23.09	618.5	22.57	606.7	21.75	593.1	20.89	559.2	18.38
		106.5	650.1	23.00	633.4	22.49	618.5	21.32	606.7	20.50	593.1	19.63	559.2	17.56
		133.1	650.1	22.14	633.4	21.92	618.5	21.75	606.7	20.89	593.1	20.06	559.2	17.56
		159.8	650.1	21.70	633.4	21.64	618.5	21.97	606.7	21.08	593.1	20.28	559.2	17.56

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN432DAS4, ARWB432DAS4

432,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet water Temp. (°F)	Water flow rate [gpm]	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]
120	23	42.6	218.5	26.26	216.8	24.73	215.5	23.02	212.9	22.05	214.6	21.41	208.9	19.16
		53.3	226.0	26.72	224.2	25.21	222.9	23.52	220.2	22.53	222.0	21.88	216.1	19.59
		106.5	255.9	28.54	253.6	27.11	252.3	25.51	249.1	24.43	251.4	23.74	244.6	21.27
		133.1	282.6	30.36	280.3	28.97	278.5	27.50	275.3	26.38	277.6	25.60	269.9	22.92
		159.8	296.0	31.27	293.7	29.91	291.7	28.50	288.5	27.36	290.8	26.54	282.7	23.75
	32	42.6	390.6	35.92	381.1	34.85	373.0	33.72	365.4	32.29	365.4	31.39	348.7	28.06
		53.3	392.9	36.02	383.4	34.94	375.2	33.81	367.6	32.39	367.6	31.48	350.8	28.15
		106.5	401.9	36.41	392.4	35.28	384.3	34.20	376.1	32.78	376.1	31.83	359.4	28.50
		133.1	408.2	36.41	398.7	35.28	390.2	34.20	382.0	32.78	381.6	31.83	364.8	28.50
		159.8	411.4	36.41	401.9	35.28	393.1	34.20	385.0	32.78	384.3	31.83	367.6	28.50
	41	42.6	563.1	38.61	554.6	37.66	542.5	36.70	529.4	35.14	512.7	34.16	484.6	30.59
		53.3	565.1	38.79	555.6	37.84	542.5	36.88	529.4	35.33	512.7	34.33	484.6	30.74
		106.5	573.3	39.48	559.7	38.53	542.5	37.62	529.4	36.06	512.7	35.03	484.6	31.35
		133.1	576.4	39.74	556.5	38.79	542.5	37.88	529.4	36.32	512.7	35.28	484.6	31.57
		159.8	578.0	39.87	554.9	38.92	542.5	38.01	529.4	36.45	512.7	35.42	484.6	31.68
	50	42.6	565.2	34.69	554.7	33.73	541.0	33.05	527.9	32.04	511.3	30.98	483.4	27.86
		53.3	567.8	34.81	557.0	33.86	542.5	33.17	529.4	32.09	512.7	30.96	484.6	27.89
		106.5	578.2	35.28	566.0	34.38	548.4	33.64	535.3	32.26	518.1	30.87	489.6	28.02
		133.1	581.4	35.16	564.2	34.38	550.6	33.77	537.5	32.39	520.4	31.00	491.9	28.97
		159.8	583.0	35.09	563.3	34.38	551.8	33.84	538.7	32.45	521.5	31.07	493.0	29.45
	59	42.6	566.8	30.77	555.4	29.86	539.4	29.39	526.4	28.95	510.0	27.80	482.0	25.19
		53.3	570.1	30.83	558.8	29.92	542.5	29.45	529.4	28.84	512.7	27.59	484.6	25.08
		106.5	583.2	31.09	572.3	30.18	554.7	29.66	541.2	28.41	523.1	26.77	495.0	24.65
		133.1	586.4	30.61	571.9	29.92	559.2	29.66	545.7	28.41	527.6	26.77	499.6	26.33
		159.8	588.0	30.38	571.7	29.79	561.5	29.66	548.0	28.41	529.9	26.77	501.8	27.18
	68	42.6	582.6	27.67	571.6	26.50	554.3	25.79	539.1	25.41	521.6	25.10	493.4	23.83
		53.3	586.4	27.67	575.1	26.59	557.4	25.90	542.5	25.51	524.9	25.08	496.4	23.74
		106.5	601.3	27.67	588.6	26.98	569.6	26.33	556.1	25.90	538.0	24.99	508.2	23.39
		133.1	604.0	27.42	588.2	26.77	574.2	26.33	559.2	25.90	541.2	25.08	511.3	24.26
		159.8	605.4	27.28	587.9	26.66	576.4	26.33	560.8	25.90	542.8	25.12	512.9	24.69
	77	42.6	610.9	26.17	593.1	24.95	574.2	24.48	562.0	23.94	547.0	23.49	517.2	21.86
		53.3	611.2	26.07	593.1	24.91	574.2	24.43	562.0	23.83	547.0	23.39	517.2	21.75
		106.5	612.6	25.69	593.1	24.73	574.2	24.26	562.0	23.39	547.0	23.00	517.2	21.32
		133.1	614.4	24.73	593.1	24.09	574.2	23.83	562.0	23.39	547.0	22.57	517.2	21.32
		159.8	615.3	24.25	593.1	23.76	574.2	23.61	562.0	23.39	547.0	22.35	517.2	21.32
	86	42.6	614.4	25.03	593.1	23.80	574.2	23.11	562.0	22.24	547.0	21.97	517.2	20.17
		53.3	614.4	24.82	593.1	23.65	574.2	23.00	562.0	22.14	547.0	21.75	517.2	20.06
		106.5	614.4	24.00	593.1	23.09	574.2	22.57	562.0	21.75	547.0	20.89	517.2	19.63
		133.1	614.4	23.22	593.1	22.57	574.2	22.14	562.0	21.75	547.0	20.89	517.2	19.24
		159.8	614.4	22.83	593.1	22.31	574.2	21.92	562.0	21.75	547.0	20.89	517.2	19.05
	95	42.6	614.4	23.91	593.1	22.61	574.2	21.97	562.0	21.09	547.0	20.27	517.2	18.48
		53.3	614.4	23.57	593.1	22.40	574.2	21.75	562.0	20.89	547.0	20.06	517.2	18.38
		106.5	614.4	22.23	593.1	21.58	574.2	20.89	562.0	20.06	547.0	19.24	517.2	17.99
		133.1	614.4	21.97	593.1	21.40	574.2	20.89	562.0	20.06	547.0	19.24	517.2	17.56
		159.8	614.4	21.84	593.1	21.32	574.2	20.89	562.0	20.06	547.0	19.24	517.2	17.34
	104	42.6	614.4	23.19	593.1	21.57	574.2	20.71	562.0	19.84	547.0	19.02	517.2	17.22
		53.3	614.4	22.74	593.1	21.32	574.2	20.50	562.0	19.63	547.0	18.81	517.2	17.12
		106.5	614.4	20.97	593.1	20.32	574.2	19.63	562.0	18.81	547.0	17.99	517.2	16.73
		133.1	614.4	20.71	593.1	20.06	574.2	19.63	562.0	18.81	547.0	17.99	517.2	16.30
		159.8	614.4	20.58	593.1	19.93	574.2	19.63	562.0	18.81	547.0	17.99	517.2	16.08
	113	42.6	614.4	22.48	593.1	20.53	574.2	19.46	562.0	18.59	547.0	17.76	517.2	15.97
		53.3	614.4	21.92	593.1	20.24	574.2	19.24	562.0	18.38	547.0	17.56	517.2	15.87
		106.5	614.4	19.72	593.1	19.07	574.2	18.38	562.0	17.56	547.0	16.73	517.2	15.48
		133.1	614.4	19.46	593.1	18.72	574.2	18.38	562.0	17.56	547.0	16.73	517.2	15.05
		159.8	614.4	19.33	593.1	18.55	574.2	18.38	562.0	17.56	547.0	16.73	517.2	14.83

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN432DAS4, ARWB432DAS4

432,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet water Temp. (°F)	Water flow rate [gpm]	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]
110	23	42.6	206.8	26.61	205.4	24.73	204.0	23.02	201.9	22.05	202.5	21.41	197.9	19.16
		53.3	213.8	27.07	212.5	25.21	211.1	23.52	208.9	22.53	209.3	21.88	204.8	19.59
		106.5	241.9	28.89	240.5	27.11	239.2	25.51	236.4	24.43	236.4	23.74	231.9	21.27
		133.1	267.2	30.74	265.4	28.97	264.0	27.50	261.3	26.38	261.3	25.60	255.9	22.92
		159.8	279.9	31.68	277.9	29.91	276.6	28.50	273.8	27.36	273.8	26.54	268.0	23.75
	32	42.6	369.5	36.41	361.3	34.85	353.7	33.72	347.0	32.29	343.8	31.39	330.8	28.06
		53.3	371.6	36.50	363.5	34.94	355.8	33.81	349.0	32.39	345.9	31.48	332.7	28.15
		106.5	380.2	36.84	372.1	35.28	363.9	34.20	357.2	32.78	354.0	31.83	340.4	28.50
		133.1	386.1	36.84	377.9	35.28	369.8	34.20	362.6	32.78	359.4	31.83	345.4	28.50
		159.8	389.0	36.84	380.9	35.28	372.8	34.20	365.3	32.78	362.1	31.83	347.9	28.50
	41	42.6	538.9	39.13	526.1	37.66	513.9	36.70	502.3	35.14	482.8	34.16	459.3	30.59
		53.3	540.7	39.31	527.1	37.84	514.0	36.88	502.3	35.33	482.8	34.33	459.3	30.74
		106.5	547.9	40.00	531.2	38.53	514.5	37.62	502.3	36.06	482.8	35.03	459.3	31.35
		133.1	551.1	40.26	532.6	38.79	514.5	37.88	502.3	36.32	482.8	35.28	459.3	31.57
		159.8	552.7	40.39	533.2	38.92	514.5	38.01	502.3	36.45	482.8	35.42	459.3	31.68
	50	42.6	540.9	35.09	527.6	33.89	513.2	33.15	501.5	32.04	482.0	30.98	458.8	27.86
		53.3	543.0	35.16	528.9	33.99	514.0	33.25	502.3	32.09	482.8	30.96	459.3	27.89
		106.5	551.1	35.41	534.4	34.38	517.2	33.64	505.4	32.26	486.0	30.87	461.6	28.02
		133.1	554.3	35.41	536.6	34.38	519.0	33.56	506.3	32.17	486.9	31.00	462.9	28.32
		159.8	555.9	35.41	537.8	34.38	519.9	33.51	506.8	32.13	487.4	31.07	463.6	28.48
	59	42.6	542.5	31.05	528.4	30.18	513.0	29.66	500.8	28.95	481.2	27.80	458.2	25.19
		53.3	544.8	31.00	530.3	30.18	514.5	29.66	502.3	28.84	482.8	27.59	459.3	25.08
		106.5	553.8	30.83	538.0	30.18	520.4	29.66	508.2	28.41	489.2	26.77	463.8	24.65
		133.1	557.0	30.61	540.7	29.92	523.1	29.27	510.0	28.02	490.5	26.77	466.6	25.08
		159.8	558.6	30.51	542.1	29.79	524.4	29.08	510.9	27.82	491.2	26.77	467.9	25.30
	68	42.6	552.7	26.80	537.5	26.16	520.2	25.51	506.2	25.08	487.7	24.37	462.0	22.79
		53.3	555.6	26.85	539.3	26.16	521.7	25.51	508.2	25.08	489.2	24.26	463.8	22.74
		106.5	567.4	27.07	546.6	26.16	527.6	25.51	515.8	25.08	495.0	23.83	471.1	22.57
		133.1	570.5	27.07	551.1	26.16	530.8	25.51	517.2	24.65	497.8	23.83	472.4	22.57
		159.8	572.1	27.07	553.4	26.16	532.4	25.51	517.9	24.43	499.1	23.83	473.1	22.57
	77	42.6	569.9	24.39	552.9	23.49	530.8	23.11	519.0	22.24	500.9	21.43	474.2	19.63
		53.3	571.0	24.34	552.9	23.39	530.8	23.00	519.0	22.14	500.9	21.32	474.2	19.63
		106.5	575.5	24.17	552.9	23.00	530.8	22.57	519.0	21.75	500.9	20.89	474.2	19.63
		133.1	578.2	24.17	552.9	23.09	530.8	22.14	519.0	21.75	500.9	20.50	474.2	19.24
		159.8	579.6	24.17	552.9	23.13	530.8	21.92	519.0	21.75	500.9	20.30	474.2	19.05
	86	42.6	578.2	22.24	552.9	21.43	530.8	20.61	519.0	20.17	500.9	18.92	474.2	17.67
		53.3	578.2	22.14	552.9	21.32	530.8	20.50	519.0	20.06	500.9	18.81	474.2	17.56
		106.5	578.2	21.75	552.9	20.89	530.8	20.06	519.0	19.63	500.9	18.38	474.2	17.12
		133.1	578.2	21.58	552.9	20.50	530.8	19.63	519.0	19.24	500.9	18.38	474.2	17.12
		159.8	578.2	21.49	552.9	20.30	530.8	19.41	519.0	19.05	500.9	18.38	474.2	17.12
	95	42.6	578.2	21.09	552.9	19.73	530.8	18.92	519.0	18.10	500.9	17.22	474.2	15.97
		53.3	578.2	20.89	552.9	19.63	530.8	18.81	519.0	17.99	500.9	17.12	474.2	15.87
		106.5	578.2	20.06	552.9	19.24	530.8	18.38	519.0	17.56	500.9	16.73	474.2	15.48
		133.1	578.2	19.55	552.9	18.81	530.8	17.99	519.0	17.56	500.9	16.73	474.2	15.48
		159.8	578.2	19.28	552.9	18.59	530.8	17.79	519.0	17.56	500.9	16.73	474.2	15.48
	104	42.6	578.2	19.84	552.9	19.02	530.8	17.76	519.0	16.84	500.9	15.97	474.2	14.71
		53.3	578.2	19.63	552.9	18.81	530.8	17.56	519.0	16.73	500.9	15.87	474.2	14.62
		106.5	578.2	18.81	552.9	17.99	530.8	16.73	519.0	16.30	500.9	15.48	474.2	14.23
		133.1	578.2	18.55	552.9	17.56	530.8	16.73	519.0	15.87	500.9	15.05	474.2	13.79
		159.8	578.2	18.42	552.9	17.34	530.8	16.73	519.0	15.65	500.9	14.83	474.2	13.58
	113	42.6	578.2	18.59	552.9	18.31	530.8	16.62	519.0	15.59	500.9	14.71	474.2	13.46
		53.3	578.2	18.38	552.9	17.99	530.8	16.30	519.0	15.48	500.9	14.62	474.2	13.36
		106.5	578.2	17.56	552.9	16.73	530.8	15.05	519.0	15.05	500.9	14.23	474.2	12.97
		133.1	578.2	17.56	552.9	16.30	530.8	15.48	519.0	14.23	500.9	13.36	474.2	12.11
		159.8	578.2	17.56	552.9	16.08	530.8	15.70	519.0	13.81	500.9	12.93	474.2	11.67

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN432DAS4, ARWB432DAS4

432,000 Btu/h, 460V Heat Pump and Heat Recovery Units

MULTI V WATER IV

Combination Ratio (%) (Capacity Index)	Inlet water Temp. (°F)	Water flow rate [gpm]	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]
100	23	42.6	195.3	26.61	194.0	25.08	193.2	23.02	191.5	22.05	189.7	21.06	186.1	19.16
		53.3	202.1	27.07	200.7	25.56	199.8	23.52	198.0	22.53	196.2	21.53	192.6	19.59
		106.5	228.8	28.89	227.4	27.46	226.0	25.51	223.8	24.43	222.0	23.39	218.4	21.27
		133.1	252.7	30.74	250.9	29.36	249.6	27.50	247.3	26.38	245.5	25.21	241.0	22.92
		159.8	264.8	31.68	262.8	30.32	261.4	28.50	259.1	27.36	257.3	26.12	252.4	23.75
	32	42.6	349.2	36.41	341.5	35.33	334.4	33.72	328.5	32.29	322.7	30.92	311.5	28.06
		53.3	351.3	36.50	343.6	35.41	336.4	33.81	330.5	32.39	324.6	31.00	313.3	28.15
		106.5	359.4	36.84	351.7	35.76	344.0	34.20	338.2	32.78	332.3	31.35	320.5	28.50
		133.1	364.8	36.84	357.2	35.76	349.5	34.20	343.1	32.78	337.3	31.35	325.5	28.50
		159.8	367.6	36.84	359.9	35.76	352.2	34.20	345.6	32.78	339.8	31.35	328.0	28.50
	41	42.6	515.4	39.13	498.2	38.18	485.4	36.70	475.6	35.14	453.0	33.64	432.2	30.59
		53.3	517.2	39.31	499.1	38.36	485.5	36.88	475.6	35.33	453.0	33.81	432.2	30.74
		106.5	524.4	40.00	502.7	39.05	486.0	37.62	475.6	36.06	453.0	34.51	432.2	31.35
		133.1	527.6	40.26	504.1	39.31	486.0	37.88	475.6	36.32	453.0	34.72	432.2	31.57
		159.8	529.2	40.39	504.8	39.44	486.0	38.01	475.6	36.45	453.0	34.83	432.2	31.68
	50	42.6	518.2	34.99	499.8	34.22	486.0	33.15	475.6	32.04	453.0	30.45	432.2	27.86
		53.3	519.5	35.16	500.5	34.33	486.0	33.25	475.6	32.09	453.0	30.49	432.2	27.89
		106.5	524.4	35.80	503.2	34.77	486.0	33.64	475.6	32.26	453.0	30.61	432.2	28.02
		133.1	528.0	35.67	505.4	34.77	486.0	33.56	475.6	32.17	453.0	30.53	432.2	27.89
		159.8	529.9	35.61	506.6	34.77	486.0	33.51	475.6	32.13	453.0	30.48	432.2	27.83
	59	42.6	521.0	30.85	501.9	30.33	486.0	29.66	475.6	28.95	453.0	27.25	432.2	25.19
		53.3	521.7	31.00	502.3	30.36	486.0	29.66	475.6	28.84	453.0	27.16	432.2	25.08
		106.5	524.4	31.61	503.6	30.44	486.0	29.66	475.6	28.41	453.0	26.77	432.2	24.65
		133.1	528.9	31.09	506.3	30.18	486.0	29.27	475.6	28.02	453.0	26.33	432.2	24.26
		159.8	531.2	30.83	507.7	30.05	486.0	29.08	475.6	27.82	453.0	26.12	432.2	24.06
	68	42.6	523.8	26.39	504.6	25.71	486.0	25.08	475.6	24.75	453.0	23.11	432.2	21.97
		53.3	525.8	26.51	505.0	25.73	486.0	25.08	475.6	24.65	453.0	23.00	432.2	21.75
		106.5	533.5	26.98	506.3	25.82	486.0	25.08	475.6	24.26	453.0	22.57	432.2	20.89
		133.1	536.6	26.51	510.9	25.60	486.0	24.65	475.6	23.83	453.0	22.14	432.2	20.50
		159.8	538.2	26.27	513.1	25.49	486.0	24.43	475.6	23.61	453.0	21.92	432.2	20.30
	77	42.6	530.2	23.07	512.7	22.35	486.0	21.43	475.6	20.61	453.0	19.35	432.2	17.56
		53.3	532.1	23.09	512.7	22.23	486.0	21.32	475.6	20.50	453.0	19.24	432.2	17.56
		106.5	539.8	23.18	512.7	21.75	486.0	20.89	475.6	20.06	453.0	18.81	432.2	17.56
		133.1	542.5	22.66	512.7	21.58	486.0	20.50	475.6	19.63	453.0	18.81	432.2	17.12
		159.8	543.9	22.40	512.7	21.49	486.0	20.30	475.6	19.41	453.0	18.81	432.2	16.91
	86	42.6	542.5	20.98	512.7	19.35	486.0	18.03	475.6	17.67	453.0	16.30	432.2	15.59
		53.3	542.5	20.89	512.7	19.24	486.0	17.99	475.6	17.56	453.0	16.30	432.2	15.48
		106.5	542.5	20.50	512.7	18.81	486.0	17.82	475.6	17.12	453.0	16.30	432.2	15.05
		133.1	542.5	20.06	512.7	18.81	486.0	17.56	475.6	17.12	453.0	15.87	432.2	15.05
		159.8	542.5	19.85	512.7	18.81	486.0	17.43	475.6	17.12	453.0	15.65	432.2	15.05
	95	42.6	542.5	19.46	512.7	17.76	486.0	15.91	475.6	15.59	453.0	14.71	432.2	13.46
		53.3	542.5	19.24	512.7	17.56	486.0	15.87	475.6	15.48	453.0	14.62	432.2	13.36
		106.5	542.5	18.38	512.7	16.73	486.0	15.70	475.6	15.05	453.0	14.23	432.2	12.97
		133.1	542.5	18.38	512.7	16.73	486.0	15.48	475.6	15.05	453.0	14.23	432.2	12.97
		159.8	542.5	18.38	512.7	16.73	486.0	15.37	475.6	15.05	453.0	14.23	432.2	12.97
	104	42.6	542.5	18.21	512.7	16.51	486.0	14.27	475.6	13.90	453.0	13.08	432.2	12.21
		53.3	542.5	17.99	512.7	16.30	486.0	14.23	475.6	13.79	453.0	12.97	432.2	12.11
		106.5	542.5	17.12	512.7	15.48	486.0	14.05	475.6	13.36	453.0	12.54	432.2	11.72
		133.1	542.5	16.73	512.7	15.48	486.0	13.79	475.6	13.36	453.0	12.54	432.2	11.72
		159.8	542.5	16.54	512.7	15.48	486.0	13.66	475.6	13.36	453.0	12.54	432.2	11.72
	113	42.6	542.5	16.95	512.7	15.26	486.0	12.58	475.6	12.21	453.0	11.40	432.2	10.95
		53.3	542.5	16.73	512.7	15.05	486.0	12.54	475.6	12.11	453.0	11.29	432.2	10.85
		106.5	542.5	15.87	512.7	14.23	486.0	12.37	475.6	11.72	453.0	10.85	432.2	10.46
		133.1	542.5	15.05	512.7	14.23	486.0	12.11	475.6	11.72	453.0	10.85	432.2	10.46
		159.8	542.5	14.63	512.7	14.23	486.0	11.98	475.6	11.72	453.0	10.85	432.2	10.46

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN432DAS4, ARWB432DAS4

432,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet water Temp. (°F)	Water flow rate [gpm]	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]
90	23	42.6	184.4	24.70	178.7	22.49	173.5	19.76	172.2	18.83	170.8	18.15	167.9	16.29
		53.3	190.8	25.12	184.9	22.92	179.5	20.19	178.1	19.24	176.8	18.55	173.6	16.65
		106.5	216.1	26.81	209.3	24.60	203.0	21.92	201.6	20.89	200.3	20.15	196.2	18.07
		133.1	238.7	28.50	231.0	26.33	224.2	23.65	222.4	22.53	221.1	21.71	217.0	19.50
		159.8	250.1	29.35	242.0	27.21	234.9	24.52	232.9	23.36	231.6	22.49	227.5	20.22
	32	42.6	329.9	33.64	314.6	31.57	300.2	28.98	295.8	27.64	290.8	26.60	279.9	23.89
		53.3	331.8	33.73	316.5	31.65	302.0	29.06	297.5	27.72	292.5	26.68	281.7	23.96
		106.5	339.5	34.07	323.7	32.00	309.2	29.36	304.3	28.02	299.3	26.98	288.4	24.22
		133.1	344.5	34.07	328.7	32.00	314.2	29.36	308.8	28.02	304.3	26.98	293.0	24.22
		159.8	347.0	34.07	331.2	32.00	316.7	29.36	311.1	28.02	306.8	26.98	295.2	24.22
	41	42.6	466.1	36.12	451.1	34.08	436.7	31.54	427.7	30.07	408.7	28.95	389.3	25.99
		53.3	466.6	36.28	450.7	34.25	436.7	31.70	427.7	30.23	408.7	29.10	389.3	26.12
		106.5	468.4	36.93	449.4	34.90	436.7	32.30	427.7	30.83	408.7	29.71	389.3	26.64
		133.1	471.1	37.14	450.7	35.11	436.7	32.56	427.7	31.05	408.7	29.92	389.3	26.85
		159.8	472.4	37.25	451.4	35.22	436.7	32.69	427.7	31.16	408.7	30.03	389.3	26.96
	50	42.6	468.6	31.89	452.7	30.32	436.7	28.55	427.7	27.38	408.7	26.27	389.3	23.67
		53.3	468.4	31.91	452.1	30.36	436.7	28.58	427.7	27.42	408.7	26.25	389.3	23.70
		106.5	467.5	32.00	449.8	30.49	436.7	28.71	427.7	27.54	408.7	26.16	389.3	23.78
		133.1	470.6	31.91	451.2	30.40	436.7	28.63	427.7	27.46	408.7	26.25	389.3	23.87
		159.8	472.2	31.87	451.9	30.36	436.7	28.58	427.7	27.41	408.7	26.29	389.3	23.91
	59	42.6	471.0	27.61	454.2	26.62	436.7	25.62	427.7	24.75	408.7	23.60	389.3	21.43
		53.3	470.2	27.50	453.4	26.51	436.7	25.51	427.7	24.65	408.7	23.39	389.3	21.32
		106.5	467.0	27.07	450.3	26.07	436.7	25.08	427.7	24.26	408.7	22.57	389.3	20.89
		133.1	470.2	26.68	451.6	25.69	436.7	24.65	427.7	23.83	408.7	22.57	389.3	20.89
		159.8	471.8	26.48	452.3	25.49	436.7	24.43	427.7	23.61	408.7	22.57	389.3	20.89
	68	42.6	473.8	23.31	456.2	22.64	436.7	21.86	427.7	20.98	408.7	20.27	389.3	19.02
		53.3	473.3	23.31	455.3	22.57	436.7	21.75	427.7	20.89	408.7	20.06	389.3	18.81
		106.5	471.5	23.31	451.6	22.31	436.7	21.32	427.7	20.50	408.7	19.24	389.3	17.99
		133.1	472.9	22.92	453.0	22.14	436.7	21.32	427.7	20.50	408.7	19.24	389.3	17.99
		159.8	473.6	22.72	453.7	22.05	436.7	21.32	427.7	20.50	408.7	19.24	389.3	17.99
	77	42.6	481.7	20.37	462.0	19.29	436.7	18.48	427.7	17.56	408.7	16.84	389.3	15.59
		53.3	482.8	20.32	462.0	19.24	436.7	18.38	427.7	17.56	408.7	16.73	389.3	15.48
		106.5	487.4	20.15	462.0	19.07	436.7	17.99	427.7	17.56	408.7	16.30	389.3	15.05
		133.1	489.2	19.63	462.0	18.64	436.7	17.99	427.7	17.12	408.7	16.30	389.3	15.05
		159.8	490.1	19.37	462.0	18.42	436.7	17.99	427.7	16.91	408.7	16.30	389.3	15.05
	86	42.6	489.2	18.48	462.0	17.22	436.7	15.97	427.7	15.59	408.7	14.71	389.3	13.36
		53.3	489.2	18.38	462.0	17.12	436.7	15.87	427.7	15.48	408.7	14.62	389.3	13.36
		106.5	489.2	17.99	462.0	16.73	436.7	15.48	427.7	15.05	408.7	14.23	389.3	13.36
		133.1	489.2	17.56	462.0	16.30	436.7	15.48	427.7	15.05	408.7	14.23	389.3	12.97
		159.8	489.2	17.34	462.0	16.08	436.7	15.48	427.7	15.05	408.7	14.23	389.3	12.78
	95	42.6	489.2	16.84	462.0	15.59	436.7	14.34	427.7	13.90	408.7	13.08	389.3	12.21
		53.3	489.2	16.73	462.0	15.48	436.7	14.23	427.7	13.79	408.7	12.97	389.3	12.11
		106.5	489.2	16.30	462.0	15.05	436.7	13.79	427.7	13.36	408.7	12.54	389.3	11.72
		133.1	489.2	15.87	462.0	14.62	436.7	13.36	427.7	12.97	408.7	12.54	389.3	11.72
		159.8	489.2	15.65	462.0	14.40	436.7	13.14	427.7	12.78	408.7	12.54	389.3	11.72
	104	42.6	489.2	15.70	462.0	14.34	436.7	12.65	427.7	12.21	408.7	11.83	389.3	10.95
		53.3	489.2	15.48	462.0	14.23	436.7	12.54	427.7	12.11	408.7	11.72	389.3	10.85
		106.5	489.2	14.62	462.0	13.79	436.7	12.11	427.7	11.72	408.7	11.29	389.3	10.46
		133.1	489.2	14.62	462.0	13.79	436.7	12.11	427.7	11.72	408.7	11.29	389.3	10.46
		159.8	489.2	14.62	462.0	13.79	436.7	12.11	427.7	11.72	408.7	11.29	389.3	10.46
	113	42.6	489.2	14.54	462.0	13.08	436.7	10.95	427.7	10.57	408.7	10.57	389.3	9.70
		53.3	489.2	14.23	462.0	12.97	436.7	10.85	427.7	10.46	408.7	10.46	389.3	9.60
		106.5	489.2	12.97	462.0	12.54	436.7	10.46	427.7	10.03	408.7	10.03	389.3	9.21
		133.1	489.2	13.36	462.0	12.97	436.7	10.85	427.7	10.46	408.7	10.03	389.3	9.21
		159.8	489.2	13.56	462.0	13.19	436.7	11.05	427.7	10.68	408.7	10.03	389.3	9.21

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN432DAS4, ARWB432DAS4

432,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet water Temp. (°F)	Water flow rate [gpm]	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]
80	23	42.6	174.4	17.60	163.5	16.93	154.8	16.21	153.0	15.66	152.1	14.94	149.0	13.76
		53.3	180.4	17.99	169.1	17.30	160.0	16.56	158.2	16.00	157.3	15.26	154.2	14.05
		106.5	203.9	19.55	191.2	18.77	180.8	17.95	179.0	17.34	178.1	16.56	174.5	15.22
		133.1	225.6	21.06	211.1	20.24	199.8	19.37	197.6	18.72	196.7	17.86	192.6	16.43
		159.8	236.5	21.82	221.2	20.98	209.4	20.09	206.9	19.42	206.0	18.51	201.7	17.04
	32	42.6	311.4	25.83	287.2	24.79	267.4	23.76	262.4	22.94	258.8	21.86	249.0	20.14
		53.3	313.3	25.90	288.9	24.86	269.0	23.83	264.0	23.00	260.4	21.92	250.5	20.19
		106.5	321.0	26.20	295.7	25.17	275.3	24.09	270.4	23.26	266.7	22.18	256.3	20.41
		133.1	325.5	26.20	300.2	25.17	279.8	24.09	274.4	23.26	270.8	22.18	260.4	20.41
		159.8	327.8	26.20	302.5	25.17	282.1	24.09	276.5	23.26	272.9	22.18	262.5	20.41
	41	42.6	430.8	28.08	406.5	27.02	388.7	25.80	380.2	24.95	363.9	23.79	345.9	21.89
		53.3	431.7	28.24	407.3	27.16	388.8	25.94	380.2	25.08	363.9	23.91	345.9	22.01
		106.5	435.4	28.84	410.5	27.67	389.3	26.51	380.2	25.60	363.9	24.39	345.9	22.49
		133.1	435.4	29.01	410.0	27.89	389.3	26.68	380.2	25.77	363.9	24.56	345.9	22.62
		159.8	435.4	29.10	409.8	28.00	389.3	26.77	380.2	25.86	363.9	24.65	345.9	22.68
	50	42.6	433.1	25.85	408.2	24.68	388.7	23.43	380.2	22.78	363.9	21.57	345.9	19.97
		53.3	433.6	25.82	408.7	24.65	388.8	23.44	380.2	22.79	363.9	21.58	345.9	19.98
		106.5	435.4	25.69	410.5	24.52	389.3	23.48	380.2	22.83	363.9	21.62	345.9	20.02
		133.1	435.4	25.60	410.0	24.60	389.3	23.57	380.2	22.70	363.9	21.49	345.9	19.89
		159.8	435.4	25.56	409.8	24.65	389.3	23.61	380.2	22.64	363.9	21.43	345.9	19.83
	59	42.6	435.4	23.60	410.0	22.35	389.3	20.98	380.2	20.61	363.9	19.35	345.9	18.10
		53.3	435.4	23.39	410.0	22.14	389.3	20.89	380.2	20.50	363.9	19.24	345.9	17.99
		106.5	435.4	22.57	410.0	21.32	389.3	20.50	380.2	20.06	363.9	18.81	345.9	17.56
		133.1	435.4	22.14	410.0	21.32	389.3	20.50	380.2	19.63	363.9	18.38	345.9	17.12
		159.8	435.4	21.92	410.0	21.32	389.3	20.50	380.2	19.41	363.9	18.16	345.9	16.91
	68	42.6	435.4	19.73	410.0	18.92	389.3	17.99	380.2	17.67	363.9	16.84	345.9	15.59
		53.3	435.4	19.63	410.0	18.81	389.3	17.99	380.2	17.56	363.9	16.73	345.9	15.48
		106.5	435.4	19.24	410.0	18.38	389.3	17.99	380.2	17.12	363.9	16.30	345.9	15.05
		133.1	435.4	18.81	410.0	17.99	389.3	17.56	380.2	17.12	363.9	15.87	345.9	15.05
		159.8	435.4	18.59	410.0	17.79	389.3	17.34	380.2	17.12	363.9	15.65	345.9	15.05
	77	42.6	435.4	17.67	410.0	16.41	389.3	15.48	380.2	15.16	363.9	14.34	345.9	13.46
		53.3	435.4	17.56	410.0	16.30	389.3	15.48	380.2	15.05	363.9	14.23	345.9	13.36
		106.5	435.4	17.12	410.0	15.87	389.3	15.48	380.2	14.62	363.9	13.79	345.9	12.97
		133.1	435.4	16.73	410.0	15.87	389.3	15.05	380.2	14.62	363.9	13.79	345.9	12.97
		159.8	435.4	16.54	410.0	15.87	389.3	14.83	380.2	14.62	363.9	13.79	345.9	12.97
	86	42.6	435.4	15.59	410.0	14.71	389.3	13.90	380.2	13.46	363.9	12.65	345.9	11.83
		53.3	435.4	15.48	410.0	14.62	389.3	13.79	380.2	13.36	363.9	12.54	345.9	11.72
		106.5	435.4	15.05	410.0	14.23	389.3	13.36	380.2	12.97	363.9	12.11	345.9	11.29
		133.1	435.4	15.05	410.0	14.23	389.3	13.36	380.2	12.97	363.9	12.11	345.9	11.29
		159.8	435.4	15.05	410.0	14.23	389.3	13.36	380.2	12.97	363.9	12.11	345.9	11.29
	95	42.6	435.4	14.34	410.0	13.46	389.3	12.21	380.2	11.72	363.9	11.40	345.9	10.46
		53.3	435.4	14.23	410.0	13.36	389.3	12.11	380.2	11.72	363.9	11.29	345.9	10.46
		106.5	435.4	13.79	410.0	12.97	389.3	11.72	380.2	11.72	363.9	10.85	345.9	10.46
		133.1	435.4	13.79	410.0	12.54	389.3	11.72	380.2	11.29	363.9	10.85	345.9	10.03
		159.8	435.4	13.79	410.0	12.32	389.3	11.72	380.2	11.07	363.9	10.85	345.9	9.81
	104	42.6	435.4	13.57	410.0	12.21	389.3	10.85	380.2	10.95	363.9	10.03	345.9	9.70
		53.3	435.4	13.36	410.0	12.11	389.3	10.85	380.2	10.85	363.9	10.03	345.9	9.60
		106.5	435.4	12.54	410.0	11.72	389.3	10.85	380.2	10.46	363.9	10.03	345.9	9.21
		133.1	435.4	12.54	410.0	11.72	389.3	10.46	380.2	10.46	363.9	10.03	345.9	9.21
		159.8	435.4	12.54	410.0	11.72	389.3	10.27	380.2	10.46	363.9	10.03	345.9	9.21
	113	42.6	435.4	12.86	410.0	10.95	389.3	9.49	380.2	10.24	363.9	8.67	345.9	8.99
		53.3	435.4	12.54	410.0	10.85	389.3	9.60	380.2	10.03	363.9	8.78	345.9	8.78
		106.5	435.4	11.29	410.0	10.46	389.3	10.03	380.2	9.21	363.9	9.21	345.9	7.96
		133.1	435.4	11.29	410.0	10.85	389.3	9.21	380.2	9.60	363.9	9.21	345.9	8.35
		159.8	435.4	11.29	410.0	11.05	389.3	8.80	380.2	9.80	363.9	9.21	345.9	8.54

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN432DAS4, ARWB432DAS4

432,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet water Temp. (°F)	Water flow rate [gpm]	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]
70	23	42.6	152.1	15.11	142.9	14.39	135.1	13.92	133.8	13.12	132.9	12.66	130.7	11.51
		53.3	157.3	15.44	147.8	14.70	139.7	14.23	138.3	13.40	137.4	12.93	135.2	11.76
		106.5	178.1	16.73	167.3	15.96	157.8	15.44	156.4	14.53	155.5	14.01	152.8	12.76
		133.1	197.1	18.07	184.9	17.21	174.5	16.65	173.2	15.65	171.8	15.13	168.6	13.75
		159.8	206.7	18.75	193.8	17.84	182.9	17.26	181.6	16.22	180.0	15.70	176.6	14.25
	32	42.6	272.4	22.12	251.7	21.09	233.7	20.39	229.6	19.19	226.0	18.54	218.0	16.86
		53.3	274.0	22.18	253.2	21.15	235.1	20.45	231.0	19.24	227.4	18.59	219.3	16.91
		106.5	280.3	22.44	259.0	21.36	240.5	20.71	236.4	19.46	232.8	18.81	224.2	17.08
		133.1	284.4	22.44	263.1	21.36	244.1	20.71	240.1	19.46	236.4	18.81	227.9	17.08
		159.8	286.4	22.44	265.2	21.36	246.0	20.71	241.9	19.46	238.3	18.81	229.7	17.08
	41	42.6	376.2	24.10	356.5	22.93	339.4	22.19	332.3	20.92	317.4	20.17	302.5	18.32
		53.3	377.0	24.22	357.2	23.05	339.5	22.31	332.3	21.02	317.4	20.28	302.5	18.42
		106.5	380.2	24.69	359.9	23.52	340.0	22.79	332.3	21.40	317.4	20.71	302.5	18.81
		133.1	380.2	24.86	359.4	23.70	340.0	22.96	332.3	21.58	317.4	20.84	302.5	18.94
		159.8	380.2	24.95	359.2	23.78	340.0	23.05	332.3	21.66	317.4	20.91	302.5	19.01
	50	42.6	377.9	22.18	357.7	20.97	340.0	20.19	332.3	19.07	317.4	18.29	302.5	16.73
		53.3	378.4	22.14	358.1	20.93	340.0	20.15	332.3	19.07	317.4	18.29	302.5	16.73
		106.5	380.2	21.97	359.4	20.76	340.0	19.98	332.3	19.07	317.4	18.29	302.5	16.73
		133.1	380.2	22.05	359.4	20.84	340.0	20.06	332.3	19.16	317.4	18.16	302.5	16.78
		159.8	380.2	22.10	359.4	20.89	340.0	20.11	332.3	19.20	317.4	18.10	302.5	16.80
	59	42.6	380.2	20.27	359.4	19.02	340.0	18.21	332.3	17.22	317.4	16.41	302.5	15.16
		53.3	380.2	20.06	359.4	18.81	340.0	17.99	332.3	17.12	317.4	16.30	302.5	15.05
		106.5	380.2	19.24	359.4	17.99	340.0	17.12	332.3	16.73	317.4	15.87	302.5	14.62
		133.1	380.2	19.24	359.4	17.99	340.0	17.12	332.3	16.73	317.4	15.48	302.5	14.62
		159.8	380.2	19.24	359.4	17.99	340.0	17.12	332.3	16.73	317.4	15.28	302.5	14.62
	68	42.6	380.2	16.84	359.4	15.97	340.0	15.59	332.3	15.16	317.4	14.34	302.5	13.46
		53.3	380.2	16.73	359.4	15.87	340.0	15.48	332.3	15.05	317.4	14.23	302.5	13.36
		106.5	380.2	16.30	359.4	15.48	340.0	15.05	332.3	14.62	317.4	13.79	302.5	12.97
		133.1	380.2	16.30	359.4	15.48	340.0	15.05	332.3	14.23	317.4	13.79	302.5	12.54
		159.8	380.2	16.30	359.4	15.48	340.0	15.05	332.3	14.03	317.4	13.79	302.5	12.32
	77	42.6	380.2	15.16	359.4	14.34	340.0	13.46	332.3	13.08	317.4	12.11	302.5	11.29
		53.3	380.2	15.05	359.4	14.23	340.0	13.36	332.3	12.97	317.4	12.11	302.5	11.29
		106.5	380.2	14.62	359.4	13.79	340.0	12.97	332.3	12.54	317.4	12.11	302.5	11.29
		133.1	380.2	14.23	359.4	13.36	340.0	12.97	332.3	12.54	317.4	11.72	302.5	11.29
		159.8	380.2	14.03	359.4	13.14	340.0	12.97	332.3	12.54	317.4	11.52	302.5	11.29
	86	42.6	380.2	13.46	359.4	12.65	340.0	11.83	332.3	11.29	317.4	10.95	302.5	10.03
		53.3	380.2	13.36	359.4	12.54	340.0	11.72	332.3	11.29	317.4	10.85	302.5	10.03
		106.5	380.2	12.97	359.4	12.11	340.0	11.29	332.3	11.29	317.4	10.46	302.5	10.03
		133.1	380.2	12.97	359.4	12.11	340.0	11.29	332.3	10.85	317.4	10.46	302.5	10.03
		159.8	380.2	12.97	359.4	12.11	340.0	11.29	332.3	10.64	317.4	10.46	302.5	10.03
	95	42.6	380.2	12.21	359.4	11.40	340.0	10.46	332.3	10.57	317.4	9.60	302.5	9.32
		53.3	380.2	12.11	359.4	11.29	340.0	10.46	332.3	10.46	317.4	9.60	302.5	9.21
		106.5	380.2	11.72	359.4	10.85	340.0	10.46	332.3	10.03	317.4	9.60	302.5	8.78
		133.1	380.2	11.72	359.4	10.85	340.0	10.03	332.3	10.03	317.4	9.60	302.5	8.78
		159.8	380.2	11.72	359.4	10.85	340.0	9.81	332.3	10.03	317.4	9.60	302.5	8.78
	104	42.6	380.2	11.40	359.4	10.57	340.0	9.70	332.3	9.21	317.4	8.78	302.5	8.44
		53.3	380.2	11.29	359.4	10.46	340.0	9.60	332.3	9.21	317.4	8.78	302.5	8.35
		106.5	380.2	10.85	359.4	10.03	340.0	9.21	332.3	9.21	317.4	8.78	302.5	7.96
		133.1	380.2	10.85	359.4	10.03	340.0	9.21	332.3	8.78	317.4	8.35	302.5	7.96
		159.8	380.2	10.85	359.4	10.03	340.0	9.21	332.3	8.56	317.4	8.13	302.5	7.96
	113	42.6	380.2	10.57	359.4	9.70	340.0	8.99	332.3	7.86	317.4	7.96	302.5	7.63
		53.3	380.2	10.46	359.4	9.60	340.0	8.78	332.3	7.96	317.4	7.96	302.5	7.52
		106.5	380.2	10.03	359.4	9.21	340.0	7.96	332.3	8.35	317.4	7.96	302.5	7.09
		133.1	380.2	10.03	359.4	9.21	340.0	8.35	332.3	7.52	317.4	7.09	302.5	7.09
		159.8	380.2	10.03	359.4	9.21	340.0	8.54	332.3	7.11	317.4	6.66	302.5	7.09

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN432DAS4, ARWB432DAS4

432,000 Btu/h, 460V Heat Pump and Heat Recovery Units

MULTI V WATER IV

Combination Ratio (%) (Capacity Index)	Inlet water Temp. (°F)	Water flow rate [gpm]	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]
60	23	42.6	130.6	12.27	122.4	11.80	115.8	11.34	114.5	10.54	114.0	10.36	111.9	9.26
		53.3	135.2	12.54	126.6	12.06	119.8	11.59	118.4	10.77	118.0	10.59	115.7	9.47
		106.5	153.3	13.62	143.3	13.10	135.6	12.58	134.3	11.68	133.8	11.50	131.1	10.29
		133.1	169.1	14.66	158.2	14.14	150.1	13.58	148.3	12.63	147.8	12.41	144.7	11.07
		159.8	177.1	15.18	165.8	14.66	157.4	14.08	155.3	13.11	154.9	12.87	151.5	11.46
	32	42.6	233.7	17.98	215.3	17.34	200.8	16.59	196.9	15.44	194.2	15.22	187.0	13.59
		53.3	235.1	18.03	216.6	17.38	202.1	16.65	198.0	15.48	195.3	15.26	188.1	13.62
		106.5	240.5	18.25	221.5	17.56	207.1	16.86	202.5	15.65	199.8	15.44	192.1	13.75
		133.1	244.1	18.25	225.1	17.56	210.2	16.86	205.7	15.65	203.0	15.44	195.3	13.75
		159.8	246.0	18.25	227.0	17.56	211.8	16.86	207.3	15.65	204.6	15.44	196.9	13.75
	41	42.6	323.0	19.58	304.6	18.84	292.1	18.06	284.8	16.82	272.6	16.56	259.5	14.76
		53.3	323.7	19.67	305.2	18.94	292.1	18.16	284.8	16.91	272.6	16.65	259.5	14.83
		106.5	326.4	20.06	307.4	19.33	292.1	18.55	284.8	17.25	272.6	16.99	259.5	15.13
		133.1	326.4	20.24	307.0	19.46	292.1	18.68	284.8	17.38	272.6	17.08	259.5	15.26
		159.8	326.4	20.32	306.7	19.52	292.1	18.75	284.8	17.45	272.6	17.12	259.5	15.33
	50	42.6	324.7	17.99	305.7	17.21	292.1	16.39	284.8	15.31	272.6	15.02	259.5	13.46
		53.3	325.1	17.99	306.1	17.21	292.1	16.39	284.8	15.35	272.6	15.00	259.5	13.49
		106.5	326.4	17.99	307.4	17.21	292.1	16.39	284.8	15.52	272.6	14.96	259.5	13.62
		133.1	326.4	18.03	307.0	17.04	292.1	16.22	284.8	15.35	272.6	14.83	259.5	13.49
		159.8	326.4	18.05	306.7	16.95	292.1	16.13	284.8	15.26	272.6	14.77	259.5	13.43
	59	42.6	326.4	16.41	307.0	15.59	292.1	14.71	284.8	13.79	272.6	13.46	259.5	12.11
		53.3	326.4	16.30	307.0	15.48	292.1	14.62	284.8	13.79	272.6	13.36	259.5	12.11
		106.5	326.4	15.87	307.0	15.05	292.1	14.23	284.8	13.79	272.6	12.97	259.5	12.11
		133.1	326.4	15.87	307.0	14.62	292.1	13.79	284.8	13.36	272.6	12.54	259.5	11.72
		159.8	326.4	15.87	307.0	14.40	292.1	13.58	284.8	13.14	272.6	12.32	259.5	11.52
	68	42.6	326.4	14.34	307.0	13.46	292.1	12.65	284.8	12.21	272.6	11.83	259.5	10.95
		53.3	326.4	14.23	307.0	13.36	292.1	12.54	284.8	12.11	272.6	11.72	259.5	10.85
		106.5	326.4	13.79	307.0	12.97	292.1	12.11	284.8	11.72	272.6	11.29	259.5	10.46
		133.1	326.4	13.79	307.0	12.97	292.1	12.11	284.8	11.72	272.6	11.29	259.5	10.46
		159.8	326.4	13.79	307.0	12.97	292.1	12.11	284.8	11.72	272.6	11.29	259.5	10.46
	77	42.6	326.4	12.65	307.0	11.83	292.1	10.85	284.8	10.95	272.6	10.03	259.5	9.70
		53.3	326.4	12.54	307.0	11.72	292.1	10.85	284.8	10.85	272.6	10.03	259.5	9.60
		106.5	326.4	12.11	307.0	11.29	292.1	10.85	284.8	10.46	272.6	10.03	259.5	9.21
		133.1	326.4	12.11	307.0	11.29	292.1	10.46	284.8	10.46	272.6	10.03	259.5	9.21
		159.8	326.4	12.11	307.0	11.29	292.1	10.27	284.8	10.46	272.6	10.03	259.5	9.21
	86	42.6	326.4	11.40	307.0	10.57	292.1	10.14	284.8	9.70	272.6	9.32	259.5	8.89
		53.3	326.4	11.29	307.0	10.46	292.1	10.03	284.8	9.60	272.6	9.21	259.5	8.78
		106.5	326.4	10.85	307.0	10.03	292.1	9.60	284.8	9.21	272.6	8.78	259.5	8.35
		133.1	326.4	10.85	307.0	10.03	292.1	9.60	284.8	9.21	272.6	8.78	259.5	8.35
		159.8	326.4	10.85	307.0	10.03	292.1	9.60	284.8	9.21	272.6	8.78	259.5	8.35
	95	42.6	326.4	10.03	307.0	9.70	292.1	8.78	284.8	8.89	272.6	8.44	259.5	8.07
		53.3	326.4	10.03	307.0	9.60	292.1	8.78	284.8	8.78	272.6	8.35	259.5	7.96
		106.5	326.4	10.03	307.0	9.21	292.1	8.78	284.8	8.35	272.6	7.96	259.5	7.52
		133.1	326.4	10.03	307.0	9.21	292.1	8.35	284.8	8.35	272.6	7.96	259.5	7.52
		159.8	326.4	10.03	307.0	9.21	292.1	8.13	284.8	8.35	272.6	7.96	259.5	7.52
	104	42.6	326.4	9.21	307.0	8.89	292.1	7.96	284.8	8.07	272.6	7.63	259.5	7.09
		53.3	326.4	9.21	307.0	8.78	292.1	7.96	284.8	7.96	272.6	7.52	259.5	7.09
		106.5	326.4	9.21	307.0	8.35	292.1	7.96	284.8	7.52	272.6	7.09	259.5	7.09
		133.1	326.4	9.21	307.0	8.35	292.1	7.96	284.8	7.52	272.6	7.09	259.5	7.09
		159.8	326.4	9.21	307.0	8.35	292.1	7.96	284.8	7.52	272.6	7.09	259.5	7.09
	113	42.6	326.4	8.35	307.0	8.07	292.1	7.09	284.8	7.19	272.6	6.81	259.5	6.16
		53.3	326.4	8.35	307.0	7.96	292.1	7.09	284.8	7.09	272.6	6.70	259.5	6.27
		106.5	326.4	8.35	307.0	7.52	292.1	7.09	284.8	6.70	272.6	6.27	259.5	6.70
		133.1	326.4	8.35	307.0	7.52	292.1	7.52	284.8	6.70	272.6	6.27	259.5	6.70
		159.8	326.4	8.35	307.0	7.52	292.1	7.74	284.8	6.70	272.6	6.27	259.5	6.70

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN432DAS4, ARWB432DAS4

432,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet water Temp. (°F)	Water flow rate [gpm]	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]	TC [MBh]	PI [kW]
50	23	42.6	108.9	9.78	102.4	9.26	96.6	8.77	95.2	8.29	94.8	7.78	93.1	7.37
		53.3	112.6	9.99	105.8	9.47	99.9	8.95	98.6	8.48	98.1	7.96	96.3	7.52
		106.5	127.0	10.81	119.4	10.29	113.0	9.69	111.7	9.21	111.2	8.65	109.0	8.13
		133.1	140.6	11.68	132.0	11.07	124.8	10.46	123.4	9.95	122.5	9.30	120.7	8.78
		159.8	147.4	12.11	138.4	11.46	130.7	10.86	129.3	10.32	128.2	9.62	126.6	9.10
	32	42.6	194.2	14.32	179.8	13.59	167.2	12.80	163.5	12.15	161.3	11.43	155.5	10.78
		53.3	195.3	14.36	180.8	13.62	168.2	12.84	164.6	12.19	162.3	11.46	156.4	10.81
		106.5	199.8	14.49	184.9	13.75	172.2	13.02	168.6	12.37	166.4	11.59	160.0	10.94
		133.1	203.0	14.49	187.6	13.75	174.5	13.02	171.3	12.37	168.6	11.59	162.8	10.94
		159.8	204.6	14.49	189.0	13.75	175.6	13.02	172.7	12.37	169.8	11.59	164.1	10.94
	41	42.6	268.4	15.58	254.5	14.76	242.7	13.93	236.9	13.25	226.5	12.44	216.1	11.70
		53.3	269.0	15.65	255.0	14.83	242.8	14.01	236.9	13.32	226.5	12.50	216.1	11.76
		106.5	271.3	15.96	256.8	15.13	243.2	14.31	236.9	13.58	226.5	12.71	216.1	12.02
		133.1	271.3	16.09	256.3	15.26	243.2	14.40	236.9	13.66	226.5	12.84	216.1	12.11
		159.8	271.3	16.15	256.1	15.33	243.2	14.44	236.9	13.71	226.5	12.91	216.1	12.15
	50	42.6	270.1	14.33	255.1	13.50	242.7	12.69	236.9	12.13	226.5	11.21	216.1	10.70
		53.3	270.4	14.31	255.4	13.49	242.8	12.67	236.9	12.11	226.5	11.24	216.1	10.68
		106.5	271.3	14.23	256.8	13.45	243.2	12.58	236.9	12.02	226.5	11.37	216.1	10.59
		133.1	271.3	14.31	256.3	13.49	243.2	12.63	236.9	12.06	226.5	11.20	216.1	10.64
		159.8	271.3	14.36	256.1	13.51	243.2	12.65	236.9	12.09	226.5	11.11	216.1	10.66
	59	42.6	271.3	13.08	256.3	12.21	243.2	11.40	236.9	10.95	226.5	10.03	216.1	9.70
		53.3	271.3	12.97	256.3	12.11	243.2	11.29	236.9	10.85	226.5	10.03	216.1	9.60
		106.5	271.3	12.54	256.3	11.72	243.2	10.85	236.9	10.46	226.5	10.03	216.1	9.21
		133.1	271.3	12.54	256.3	11.72	243.2	10.85	236.9	10.46	226.5	9.60	216.1	9.21
		159.8	271.3	12.54	256.3	11.72	243.2	10.85	236.9	10.46	226.5	9.38	216.1	9.21
	68	42.6	271.3	11.40	256.3	10.57	243.2	10.14	236.9	9.70	226.5	9.32	216.1	8.35
		53.3	271.3	11.29	256.3	10.46	243.2	10.03	236.9	9.60	226.5	9.21	216.1	8.35
		106.5	271.3	10.85	256.3	10.03	243.2	9.60	236.9	9.21	226.5	8.78	216.1	8.35
		133.1	271.3	10.85	256.3	10.03	243.2	9.60	236.9	9.21	226.5	8.78	216.1	8.35
		159.8	271.3	10.85	256.3	10.03	243.2	9.60	236.9	9.21	226.5	8.78	216.1	8.35
	77	42.6	271.3	10.14	256.3	9.21	243.2	8.89	236.9	8.35	226.5	7.96	216.1	7.52
		53.3	271.3	10.03	256.3	9.21	243.2	8.78	236.9	8.35	226.5	7.96	216.1	7.52
		106.5	271.3	9.60	256.3	9.21	243.2	8.35	236.9	8.35	226.5	7.96	216.1	7.52
		133.1	271.3	9.60	256.3	9.21	243.2	8.35	236.9	8.35	226.5	7.96	216.1	7.52
		159.8	271.3	9.60	256.3	9.21	243.2	8.35	236.9	8.35	226.5	7.96	216.1	7.52
	86	42.6	271.3	9.32	256.3	8.44	243.2	8.07	236.9	7.52	226.5	7.63	216.1	7.19
		53.3	271.3	9.21	256.3	8.35	243.2	7.96	236.9	7.52	226.5	7.52	216.1	7.09
		106.5	271.3	8.78	256.3	7.96	243.2	7.52	236.9	7.52	226.5	7.09	216.1	6.70
		133.1	271.3	8.78	256.3	7.96	243.2	7.52	236.9	7.52	226.5	7.09	216.1	6.70
		159.8	271.3	8.78	256.3	7.96	243.2	7.52	236.9	7.52	226.5	7.09	216.1	6.70
	95	42.6	271.3	8.44	256.3	7.52	243.2	7.09	236.9	7.19	226.5	6.70	216.1	6.27
		53.3	271.3	8.35	256.3	7.52	243.2	7.09	236.9	7.09	226.5	6.70	216.1	6.27
		106.5	271.3	7.96	256.3	7.52	243.2	7.09	236.9	6.70	226.5	6.70	216.1	6.27
		133.1	271.3	7.96	256.3	7.52	243.2	7.09	236.9	6.70	226.5	6.70	216.1	6.27
		159.8	271.3	7.96	256.3	7.52	243.2	7.09	236.9	6.70	226.5	6.70	216.1	6.27
	104	42.6	271.3	7.63	256.3	7.19	243.2	6.81	236.9	6.27	226.5	6.38	216.1	5.84
		53.3	271.3	7.52	256.3	7.09	243.2	6.70	236.9	6.27	226.5	6.27	216.1	5.84
		106.5	271.3	7.09	256.3	6.70	243.2	6.27	236.9	6.27	226.5	5.84	216.1	5.84
		133.1	271.3	7.09	256.3	6.70	243.2	6.27	236.9	6.27	226.5	5.84	216.1	5.84
		159.8	271.3	7.09	256.3	6.70	243.2	6.27	236.9	6.27	226.5	5.84	216.1	5.84
	113	42.6	271.3	6.81	256.3	6.92	243.2	6.48	236.9	5.35	226.5	6.05	216.1	5.45
		53.3	271.3	6.70	256.3	6.70	243.2	6.27	236.9	5.45	226.5	5.84	216.1	5.45
		106.5	271.3	6.27	256.3	5.84	243.2	5.45	236.9	5.84	226.5	5.02	216.1	5.45
		133.1	271.3	6.27	256.3	5.84	243.2	5.45	236.9	5.84	226.5	5.02	216.1	5.45
		159.8	271.3	6.27	256.3	5.84	243.2	5.45	236.9	5.84	226.5	5.02	216.1	5.45

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN480DAS4, ARWB480DAS4

480,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
130	23	48.7	255.5	29.78	253.6	28.04	252.1	26.11	248.7	25.33	251.6	24.67	244.7	22.12
		60.9	264.2	30.30	262.2	28.59	260.7	26.67	257.2	25.89	260.2	25.20	253.2	22.60
		121.7	298.9	32.36	296.4	30.74	294.9	28.93	290.8	28.10	294.4	27.31	286.8	24.52
		152.1	330.5	34.42	327.5	32.85	325.5	31.19	321.5	30.35	325.5	29.47	317.0	26.43
		182.6	346.5	35.46	343.2	33.92	340.9	32.32	336.9	31.49	341.2	30.56	332.2	27.39
	32	48.7	456.3	40.73	446.0	39.52	436.5	38.23	427.0	37.15	428.5	36.14	408.9	32.36
		60.9	459.1	40.85	448.6	39.62	439.0	38.34	429.5	37.27	431.0	36.24	411.4	32.46
		121.7	470.2	41.29	458.6	40.01	449.1	38.79	439.5	37.71	441.0	36.63	421.5	32.85
		152.1	477.2	41.29	465.7	40.01	456.1	38.79	446.1	37.71	447.6	36.63	427.5	32.85
		182.6	480.8	41.29	469.2	40.01	459.7	38.79	449.4	37.71	450.9	36.63	430.5	32.85
	41	48.7	657.3	43.79	647.4	42.71	633.8	41.62	617.9	40.44	601.3	39.32	568.1	35.22
		60.9	659.6	43.98	648.5	42.91	633.9	41.83	617.9	40.65	601.3	39.52	568.1	35.40
		121.7	668.6	44.77	653.0	43.69	634.4	42.66	617.9	41.48	601.3	40.31	568.1	36.14
		152.1	672.6	45.06	655.0	43.98	634.4	42.95	617.9	41.78	601.3	40.60	568.1	36.38
		182.6	674.6	45.21	656.0	44.13	634.4	43.10	617.9	41.93	601.3	40.75	568.1	36.51
	50	48.7	658.1	39.84	647.5	38.50	631.9	37.78	615.3	36.94	599.0	35.67	565.8	32.19
		60.9	662.1	39.77	650.5	38.54	634.4	37.85	617.9	36.92	601.3	35.65	568.1	32.17
		121.7	677.6	39.47	662.6	38.69	644.5	38.15	627.9	36.87	610.3	35.55	577.2	32.07
		152.1	681.2	40.01	667.1	39.23	648.5	38.30	630.9	37.02	614.3	36.14	580.7	33.59
		182.6	682.9	40.28	669.4	39.50	650.5	38.37	632.4	37.10	616.4	36.43	582.5	34.35
	59	48.7	659.1	35.91	647.6	34.37	629.4	34.01	612.8	33.44	596.7	32.02	563.6	29.18
		60.9	664.6	35.55	652.5	34.23	634.4	33.93	617.9	33.20	601.3	31.77	568.1	28.93
		121.7	686.2	34.13	672.1	33.64	654.5	33.64	638.0	32.22	619.4	30.79	586.2	27.95
		152.1	689.7	34.96	678.6	34.42	662.6	33.64	644.5	32.22	627.9	31.68	593.2	30.79
		182.6	691.5	35.38	681.9	34.82	666.6	33.64	647.8	32.22	632.2	32.12	596.8	32.23
	68	48.7	684.2	32.94	671.7	31.41	654.0	30.72	635.9	29.74	617.4	29.08	580.8	28.18
		60.9	689.7	32.71	677.1	31.38	659.1	30.70	641.0	29.86	622.9	29.27	586.2	27.95
		121.7	711.3	31.77	698.7	31.28	679.1	30.60	661.1	30.35	644.5	30.06	607.8	27.02
		152.1	714.3	31.77	703.8	31.28	687.2	30.79	667.6	30.35	649.5	30.06	612.8	28.73
		182.6	715.8	31.77	706.3	31.28	691.2	30.89	670.9	30.35	652.0	30.06	615.4	29.60
	77	48.7	722.3	31.41	703.8	30.50	687.2	29.99	674.1	29.48	659.1	29.05	621.4	27.14
		60.9	722.3	31.28	703.8	30.45	687.2	29.86	674.1	29.37	659.1	28.93	621.4	27.02
		121.7	722.3	30.79	703.8	30.25	687.2	29.37	674.1	28.93	659.1	28.44	621.4	26.53
		152.1	722.3	30.35	703.8	29.47	687.2	28.93	674.1	28.44	659.1	27.95	621.4	26.09
		182.6	722.3	30.13	703.8	29.07	687.2	28.71	674.1	28.19	659.1	27.70	621.4	25.86
	86	48.7	722.3	30.60	703.8	29.08	687.2	28.81	674.1	28.06	659.1	27.76	621.4	25.83
		60.9	722.3	30.35	703.8	29.03	687.2	28.64	674.1	27.95	659.1	27.51	621.4	25.60
		121.7	722.3	29.37	703.8	28.83	687.2	27.95	674.1	27.51	659.1	26.53	621.4	24.66
		152.1	722.3	28.93	703.8	28.05	687.2	27.51	674.1	27.02	659.1	26.53	621.4	24.66
		182.6	722.3	28.71	703.8	27.65	687.2	27.29	674.1	26.77	659.1	26.53	621.4	24.66
	95	48.7	722.3	29.18	703.8	28.21	687.2	27.63	674.1	26.64	659.1	25.72	621.4	23.92
		60.9	722.3	28.93	703.8	28.05	687.2	27.51	674.1	26.53	659.1	25.60	621.4	23.68
		121.7	722.3	27.95	703.8	27.41	687.2	27.02	674.1	26.09	659.1	25.11	621.4	22.75
		152.1	722.3	27.95	703.8	27.12	687.2	26.53	674.1	25.60	659.1	24.66	621.4	22.75
		182.6	722.3	27.95	703.8	26.97	687.2	26.28	674.1	25.35	659.1	24.44	621.4	22.75
	104	48.7	722.3	28.18	703.8	27.29	687.2	26.76	674.1	25.83	659.1	24.91	621.4	22.50
		60.9	722.3	27.95	703.8	27.12	687.2	26.53	674.1	25.60	659.1	24.66	621.4	22.26
		121.7	722.3	27.02	703.8	26.43	687.2	25.60	674.1	24.66	659.1	23.68	621.4	21.33
		152.1	722.3	26.53	703.8	25.99	687.2	25.60	674.1	24.66	659.1	23.68	621.4	21.33
		182.6	722.3	26.28	703.8	25.77	687.2	25.60	674.1	24.66	659.1	23.68	621.4	21.33
	113	48.7	722.3	27.25	703.8	26.36	687.2	25.96	674.1	25.02	659.1	24.04	621.4	21.07
		60.9	722.3	27.02	703.8	26.18	687.2	25.60	674.1	24.66	659.1	23.68	621.4	20.84
		121.7	722.3	26.09	703.8	25.50	687.2	24.17	674.1	23.24	659.1	22.26	621.4	19.91
		152.1	722.3	25.11	703.8	24.86	687.2	24.66	674.1	23.68	659.1	22.75	621.4	19.91
		182.6	722.3	24.61	703.8	24.54	687.2	24.91	674.1	23.91	659.1	23.00	621.4	19.91

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN480DAS4, ARWB480DAS4

480,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
120	23	48.7	242.8	29.78	240.9	28.04	239.4	26.11	236.5	25.00	238.4	24.28	232.1	21.73
		60.9	251.2	30.30	249.2	28.59	247.6	26.67	244.6	25.55	246.6	24.81	240.1	22.21
		121.7	284.3	32.36	281.8	30.74	280.3	28.93	276.8	27.70	279.3	26.92	271.8	24.12
		152.1	314.0	34.42	311.4	32.85	309.4	31.19	305.9	29.91	308.4	29.03	299.9	25.99
		182.6	328.9	35.46	326.4	33.92	324.1	32.32	320.6	31.02	323.1	30.09	314.1	26.93
	32	48.7	434.0	40.73	423.4	39.52	414.4	38.23	406.0	36.62	406.0	35.60	387.4	31.82
		60.9	436.5	40.85	426.0	39.62	416.9	38.34	408.4	36.73	408.4	35.70	389.8	31.92
		121.7	446.6	41.29	436.0	40.01	427.0	38.79	417.9	37.17	417.9	36.09	399.3	32.31
		152.1	453.6	41.29	443.1	40.01	433.5	38.79	424.5	37.17	424.0	36.09	405.4	32.31
		182.6	457.1	41.29	446.6	40.01	436.8	38.79	427.8	37.17	427.0	36.09	408.4	32.31
	41	48.7	625.6	43.79	616.2	42.71	602.8	41.62	588.2	39.85	569.6	38.74	538.5	34.69
		60.9	627.9	43.98	617.4	42.91	602.8	41.83	588.2	40.06	569.6	38.93	538.5	34.86
		121.7	636.9	44.77	621.9	43.69	602.8	42.66	588.2	40.89	569.6	39.72	538.5	35.55
		152.1	640.5	45.06	618.4	43.98	602.8	42.95	588.2	41.19	569.6	40.01	538.5	35.80
		182.6	642.2	45.21	616.6	44.13	602.8	43.10	588.2	41.34	569.6	40.16	538.5	35.92
	50	48.7	628.0	39.34	616.3	38.25	601.1	37.47	586.6	36.33	568.1	35.13	537.1	31.59
		60.9	630.9	39.47	618.9	38.39	602.8	37.61	588.2	36.38	569.6	35.11	538.5	31.63
		121.7	642.5	40.01	628.9	38.98	609.3	38.15	594.8	36.58	575.7	35.01	544.0	31.77
		152.1	646.0	39.87	626.9	38.98	611.8	38.30	597.3	36.73	578.2	35.16	546.5	32.85
		182.6	647.8	39.79	625.9	38.98	613.1	38.37	598.5	36.80	579.4	35.23	547.8	33.40
	59	48.7	629.8	34.89	617.1	33.86	599.4	33.33	584.9	32.83	566.7	31.52	535.6	28.56
		60.9	633.4	34.96	620.9	33.93	602.8	33.39	588.2	32.71	569.6	31.28	538.5	28.44
		121.7	648.0	35.26	635.9	34.23	616.4	33.64	601.3	32.22	581.2	30.35	550.0	27.95
		152.1	651.5	34.72	635.4	33.93	621.4	33.64	606.3	32.22	586.2	30.35	555.1	29.86
		182.6	653.3	34.44	635.2	33.78	623.9	33.64	608.8	32.22	588.7	30.35	557.6	30.83
	68	48.7	647.3	31.38	635.2	30.04	615.9	29.25	599.0	28.82	579.5	28.46	548.3	27.02
		60.9	651.5	31.38	639.0	30.16	619.4	29.37	602.8	28.93	583.2	28.44	551.6	26.92
		121.7	668.1	31.38	654.0	30.60	632.9	29.86	617.9	29.37	597.8	28.34	564.6	26.53
		152.1	671.1	31.09	653.5	30.35	638.0	29.86	621.4	29.37	601.3	28.44	568.1	27.51
		182.6	672.6	30.94	653.3	30.23	640.5	29.86	623.1	29.37	603.1	28.49	569.9	28.00
	77	48.7	678.8	29.68	659.1	28.29	638.0	27.75	624.4	27.14	607.8	26.64	574.7	24.79
		60.9	679.1	29.57	659.1	28.24	638.0	27.70	624.4	27.02	607.8	26.53	574.7	24.66
		121.7	680.7	29.13	659.1	28.05	638.0	27.51	624.4	26.53	607.8	26.09	574.7	24.17
		152.1	682.7	28.05	659.1	27.31	638.0	27.02	624.4	26.53	607.8	25.60	574.7	24.17
		182.6	683.7	27.50	659.1	26.94	638.0	26.77	624.4	26.53	607.8	25.35	574.7	24.17
	86	48.7	682.7	28.38	659.1	26.98	638.0	26.21	624.4	25.22	607.8	24.91	574.7	22.88
		60.9	682.7	28.15	659.1	26.82	638.0	26.09	624.4	25.11	607.8	24.66	574.7	22.75
		121.7	682.7	27.21	659.1	26.18	638.0	25.60	624.4	24.66	607.8	23.68	574.7	22.26
		152.1	682.7	26.33	659.1	25.60	638.0	25.11	624.4	24.66	607.8	23.68	574.7	21.82
		182.6	682.7	25.89	659.1	25.30	638.0	24.86	624.4	24.66	607.8	23.68	574.7	21.60
	95	48.7	682.7	27.11	659.1	25.64	638.0	24.91	624.4	23.92	607.8	22.99	574.7	20.95
		60.9	682.7	26.72	659.1	25.40	638.0	24.66	624.4	23.68	607.8	22.75	574.7	20.84
		121.7	682.7	25.20	659.1	24.47	638.0	23.68	624.4	22.75	607.8	21.82	574.7	20.40
		152.1	682.7	24.91	659.1	24.27	638.0	23.68	624.4	22.75	607.8	21.82	574.7	19.91
		182.6	682.7	24.76	659.1	24.17	638.0	23.68	624.4	22.75	607.8	21.82	574.7	19.66
	104	48.7	682.7	26.30	659.1	24.46	638.0	23.49	624.4	22.50	607.8	21.57	574.7	19.53
		60.9	682.7	25.79	659.1	24.17	638.0	23.24	624.4	22.26	607.8	21.33	574.7	19.42
		121.7	682.7	23.78	659.1	23.05	638.0	22.26	624.4	21.33	607.8	20.40	574.7	18.98
		152.1	682.7	23.49	659.1	22.75	638.0	22.26	624.4	21.33	607.8	20.40	574.7	18.49
		182.6	682.7	23.34	659.1	22.60	638.0	22.26	624.4	21.33	607.8	20.40	574.7	18.24
	113	48.7	682.7	25.49	659.1	23.28	638.0	22.07	624.4	21.07	607.8	20.14	574.7	18.11
		60.9	682.7	24.86	659.1	22.95	638.0	21.82	624.4	20.84	607.8	19.91	574.7	18.00
		121.7	682.7	22.36	659.1	21.62	638.0	20.84	624.4	19.91	607.8	18.98	574.7	17.55
		152.1	682.7	22.07	659.1	21.23	638.0	20.84	624.4	19.91	607.8	18.98	574.7	17.06
		182.6	682.7	21.92	659.1	21.03	638.0	20.84	624.4	19.91	607.8	18.98	574.7	16.82

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN480DAS4, ARWB480DAS4

480,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
110	23	48.7	229.7	30.18	228.2	28.04	226.7	26.11	224.3	25.00	225.0	24.28	219.9	21.73
		60.9	237.6	30.70	236.1	28.59	234.6	26.67	232.1	25.55	232.6	24.81	227.6	22.21
		121.7	268.7	32.76	267.2	30.74	265.7	28.93	262.7	27.70	262.7	26.92	257.7	24.12
		152.1	296.9	34.86	294.9	32.85	293.4	31.19	290.3	29.91	290.3	29.03	284.3	25.99
		182.6	311.1	35.93	308.8	33.92	307.3	32.32	304.3	31.02	304.3	30.09	297.7	26.93
	32	48.7	410.5	41.29	401.5	39.52	393.0	38.23	385.5	36.62	382.0	35.60	367.6	31.82
		60.9	412.9	41.39	403.9	39.62	395.3	38.34	387.8	36.73	384.3	35.70	369.7	31.92
		121.7	422.5	41.78	413.4	40.01	404.4	38.79	396.8	37.17	393.3	36.09	378.3	32.31
		152.1	429.0	41.78	419.9	40.01	410.9	38.79	402.9	37.17	399.3	36.09	383.8	32.31
		182.6	432.3	41.78	423.2	40.01	414.2	38.79	405.9	37.17	402.4	36.09	386.6	32.31
	41	48.7	598.8	44.37	584.6	42.71	571.0	41.62	558.1	39.85	536.5	38.74	510.4	34.69
		60.9	600.8	44.57	585.7	42.91	571.1	41.83	558.1	40.06	536.5	38.93	510.4	34.86
		121.7	608.8	45.36	590.2	43.69	571.6	42.66	558.1	40.89	536.5	39.72	510.4	35.55
		152.1	612.3	45.65	591.7	43.98	571.6	42.95	558.1	41.19	536.5	40.01	510.4	35.80
		182.6	614.1	45.80	592.5	44.13	571.6	43.10	558.1	41.34	536.5	40.16	510.4	35.92
	50	48.7	601.0	39.79	586.2	38.43	570.3	37.60	557.2	36.33	535.6	35.13	509.7	31.59
		60.9	603.3	39.87	587.7	38.54	571.1	37.71	558.1	36.38	536.5	35.11	510.4	31.63
		121.7	612.3	40.16	593.7	38.98	574.7	38.15	561.6	36.58	540.0	35.01	512.9	31.77
		152.1	615.9	40.16	596.3	38.98	576.7	38.05	562.6	36.48	541.0	35.16	514.4	32.12
		182.6	617.6	40.16	597.5	38.98	577.7	38.00	563.1	36.43	541.5	35.23	515.1	32.29
	59	48.7	602.8	35.21	587.1	34.23	570.0	33.64	556.4	32.83	534.7	31.52	509.1	28.56
		60.9	605.3	35.16	589.2	34.23	571.6	33.64	558.1	32.71	536.5	31.28	510.4	28.44
		121.7	615.3	34.96	597.8	34.23	578.2	33.64	564.6	32.22	543.5	30.35	515.4	27.95
		152.1	618.9	34.72	600.8	33.93	581.2	33.20	566.6	31.77	545.0	30.35	518.4	28.44
		182.6	620.6	34.59	602.3	33.78	582.7	32.97	567.6	31.55	545.8	30.35	519.9	28.69
	68	48.7	614.1	30.39	597.2	29.67	578.0	28.93	562.5	28.44	541.9	27.63	513.4	25.84
		60.9	617.4	30.45	599.3	29.67	579.7	28.93	564.6	28.44	543.5	27.51	515.4	25.79
		121.7	630.4	30.70	607.3	29.67	586.2	28.93	573.2	28.44	550.0	27.02	523.4	25.60
		152.1	633.9	30.70	612.3	29.67	589.7	28.93	574.7	27.95	553.1	27.02	524.9	25.60
		182.6	635.7	30.70	614.9	29.67	591.5	28.93	575.4	27.70	554.6	27.02	525.7	25.60
	77	48.7	633.2	27.66	614.3	26.64	589.7	26.21	576.7	25.22	556.6	24.30	526.9	22.26
		60.9	634.4	27.61	614.3	26.53	589.7	26.09	576.7	25.11	556.6	24.17	526.9	22.26
		121.7	639.5	27.41	614.3	26.09	589.7	25.60	576.7	24.66	556.6	23.68	526.9	22.26
		152.1	642.5	27.41	614.3	26.18	589.7	25.11	576.7	24.66	556.6	23.24	526.9	21.82
		182.6	644.0	27.41	614.3	26.23	589.7	24.86	576.7	24.66	556.6	23.02	526.9	21.60
	86	48.7	642.5	25.22	614.3	24.30	589.7	23.37	576.7	22.88	556.6	21.45	526.9	20.03
		60.9	642.5	25.11	614.3	24.17	589.7	23.24	576.7	22.75	556.6	21.33	526.9	19.91
		121.7	642.5	24.66	614.3	23.68	589.7	22.75	576.7	22.26	556.6	20.84	526.9	19.42
		152.1	642.5	24.47	614.3	23.24	589.7	22.26	576.7	21.82	556.6	20.84	526.9	19.42
		182.6	642.5	24.37	614.3	23.02	589.7	22.01	576.7	21.60	556.6	20.84	526.9	19.42
	95	48.7	642.5	23.92	614.3	22.37	589.7	21.45	576.7	20.52	556.6	19.53	526.9	18.11
		60.9	642.5	23.68	614.3	22.26	589.7	21.33	576.7	20.40	556.6	19.42	526.9	18.00
		121.7	642.5	22.75	614.3	21.82	589.7	20.84	576.7	19.91	556.6	18.98	526.9	17.55
		152.1	642.5	22.16	614.3	21.33	589.7	20.40	576.7	19.91	556.6	18.98	526.9	17.55
		182.6	642.5	21.87	614.3	21.08	589.7	20.18	576.7	19.91	556.6	18.98	526.9	17.55
	104	48.7	642.5	22.50	614.3	21.57	589.7	20.14	576.7	19.10	556.6	18.11	526.9	16.69
		60.9	642.5	22.26	614.3	21.33	589.7	19.91	576.7	18.98	556.6	18.00	526.9	16.57
		121.7	642.5	21.33	614.3	20.40	589.7	18.98	576.7	18.49	556.6	17.55	526.9	16.13
		152.1	642.5	21.04	614.3	19.91	589.7	18.98	576.7	18.00	556.6	17.06	526.9	15.64
		182.6	642.5	20.89	614.3	19.66	589.7	18.98	576.7	17.75	556.6	16.82	526.9	15.39
	113	48.7	642.5	21.07	614.3	20.76	589.7	18.85	576.7	17.68	556.6	16.69	526.9	15.26
		60.9	642.5	20.84	614.3	20.40	589.7	18.49	576.7	17.55	556.6	16.57	526.9	15.15
		121.7	642.5	19.91	614.3	18.98	589.7	17.06	576.7	17.06	556.6	16.13	526.9	14.71
		152.1	642.5	19.91	614.3	18.49	589.7	17.55	576.7	16.13	556.6	15.15	526.9	13.73
		182.6	642.5	19.91	614.3	18.24	589.7	17.80	576.7	15.66	556.6	14.66	526.9	13.24

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN480DAS4, ARWB480DAS4

480,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
100	23	48.7	217.1	30.18	215.5	28.43	214.7	26.11	212.8	25.00	210.8	23.89	206.8	21.73
		60.9	224.5	30.70	223.0	28.98	222.0	26.67	220.0	25.55	218.0	24.42	214.0	22.21
		121.7	254.2	32.76	252.7	31.14	251.2	28.93	248.7	27.70	246.6	26.53	242.6	24.12
		152.1	280.8	34.86	278.8	33.29	277.3	31.19	274.8	29.91	272.8	28.59	267.7	25.99
		182.6	294.2	35.93	292.0	34.38	290.4	32.32	287.9	31.02	285.9	29.62	280.4	26.93
	32	48.7	388.0	41.29	379.5	40.06	371.6	38.23	365.0	36.62	358.5	35.06	346.1	31.82
		60.9	390.3	41.39	381.8	40.16	373.7	38.34	367.2	36.73	360.7	35.16	348.1	31.92
		121.7	399.3	41.78	390.8	40.55	382.3	38.79	375.7	37.17	369.2	35.55	356.1	32.31
		152.1	405.4	41.78	396.8	40.55	388.3	38.79	381.3	37.17	374.7	35.55	361.7	32.31
		182.6	408.4	41.78	399.9	40.55	391.3	38.79	384.0	37.17	377.5	35.55	364.5	32.31
	41	48.7	572.6	44.37	553.6	43.30	539.4	41.62	528.4	39.85	503.3	38.15	480.2	34.69
		60.9	574.7	44.57	554.6	43.49	539.5	41.83	528.4	40.06	503.3	38.34	480.2	34.86
		121.7	582.7	45.36	558.6	44.28	540.0	42.66	528.4	40.89	503.3	39.13	480.2	35.55
		152.1	586.2	45.65	560.1	44.57	540.0	42.95	528.4	41.19	503.3	39.37	480.2	35.80
		182.6	588.0	45.80	560.9	44.72	540.0	43.10	528.4	41.34	503.3	39.50	480.2	35.92
	50	48.7	575.8	39.68	555.3	38.81	540.0	37.60	528.4	36.33	503.3	34.53	480.2	31.59
		60.9	577.2	39.87	556.1	38.93	540.0	37.71	528.4	36.38	503.3	34.57	480.2	31.63
		121.7	582.7	40.60	559.1	39.42	540.0	38.15	528.4	36.58	503.3	34.72	480.2	31.77
		152.1	586.7	40.45	561.6	39.42	540.0	38.05	528.4	36.48	503.3	34.62	480.2	31.63
		182.6	588.7	40.38	562.9	39.42	540.0	38.00	528.4	36.43	503.3	34.57	480.2	31.55
	59	48.7	578.9	34.98	557.7	34.40	540.0	33.64	528.4	32.83	503.3	30.91	480.2	28.56
		60.9	579.7	35.16	558.1	34.42	540.0	33.64	528.4	32.71	503.3	30.79	480.2	28.44
		121.7	582.7	35.84	559.6	34.52	540.0	33.64	528.4	32.22	503.3	30.35	480.2	27.95
		152.1	587.7	35.26	562.6	34.23	540.0	33.20	528.4	31.77	503.3	29.86	480.2	27.51
		182.6	590.3	34.96	564.1	34.08	540.0	32.97	528.4	31.55	503.3	29.61	480.2	27.29
	68	48.7	582.0	29.92	560.7	29.15	540.0	28.44	528.4	28.06	503.3	26.21	480.2	24.91
		60.9	584.2	30.06	561.1	29.18	540.0	28.44	528.4	27.95	503.3	26.09	480.2	24.66
		121.7	592.7	30.60	562.6	29.27	540.0	28.44	528.4	27.51	503.3	25.60	480.2	23.68
		152.1	596.3	30.06	567.6	29.03	540.0	27.95	528.4	27.02	503.3	25.11	480.2	23.24
		182.6	598.0	29.79	570.2	28.90	540.0	27.70	528.4	26.77	503.3	24.86	480.2	23.02
	77	48.7	589.1	26.16	569.6	25.34	540.0	24.30	528.4	23.37	503.3	21.94	480.2	19.91
		60.9	591.2	26.18	569.6	25.20	540.0	24.17	528.4	23.24	503.3	21.82	480.2	19.91
		121.7	599.8	26.28	569.6	24.66	540.0	23.68	528.4	22.75	503.3	21.33	480.2	19.91
		152.1	602.8	25.69	569.6	24.47	540.0	23.24	528.4	22.26	503.3	21.33	480.2	19.42
		182.6	604.3	25.40	569.6	24.37	540.0	23.02	528.4	22.01	503.3	21.33	480.2	19.17
	86	48.7	602.8	23.80	569.6	21.94	540.0	20.45	528.4	20.03	503.3	18.49	480.2	17.68
		60.9	602.8	23.68	569.6	21.82	540.0	20.40	528.4	19.91	503.3	18.49	480.2	17.55
		121.7	602.8	23.24	569.6	21.33	540.0	20.20	528.4	19.42	503.3	18.49	480.2	17.06
		152.1	602.8	22.75	569.6	21.33	540.0	19.91	528.4	19.42	503.3	18.00	480.2	17.06
		182.6	602.8	22.50	569.6	21.33	540.0	19.76	528.4	19.42	503.3	17.75	480.2	17.06
	95	48.7	602.8	22.07	569.6	20.14	540.0	18.05	528.4	17.68	503.3	16.69	480.2	15.26
		60.9	602.8	21.82	569.6	19.91	540.0	18.00	528.4	17.55	503.3	16.57	480.2	15.15
		121.7	602.8	20.84	569.6	18.98	540.0	17.80	528.4	17.06	503.3	16.13	480.2	14.71
		152.1	602.8	20.84	569.6	18.98	540.0	17.55	528.4	17.06	503.3	16.13	480.2	14.71
		182.6	602.8	20.84	569.6	18.98	540.0	17.43	528.4	17.06	503.3	16.13	480.2	14.71
	104	48.7	602.8	20.65	569.6	18.72	540.0	16.18	528.4	15.77	503.3	14.83	480.2	13.84
		60.9	602.8	20.40	569.6	18.49	540.0	16.13	528.4	15.64	503.3	14.71	480.2	13.73
		121.7	602.8	19.42	569.6	17.55	540.0	15.94	528.4	15.15	503.3	14.22	480.2	13.29
		152.1	602.8	18.98	569.6	17.55	540.0	15.64	528.4	15.15	503.3	14.22	480.2	13.29
		182.6	602.8	18.75	569.6	17.55	540.0	15.49	528.4	15.15	503.3	14.22	480.2	13.29
	113	48.7	602.8	19.22	569.6	17.30	540.0	14.27	528.4	13.84	503.3	12.92	480.2	12.42
		60.9	602.8	18.98	569.6	17.06	540.0	14.22	528.4	13.73	503.3	12.80	480.2	12.31
		121.7	602.8	18.00	569.6	16.13	540.0	14.02	528.4	13.29	503.3	12.31	480.2	11.87
		152.1	602.8	17.06	569.6	16.13	540.0	13.73	528.4	13.29	503.3	12.31	480.2	11.87
		182.6	602.8	16.59	569.6	16.13	540.0	13.58	528.4	13.29	503.3	12.31	480.2	11.87

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN480DAS4, ARWB480DAS4

480,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
90	23	48.7	204.9	28.01	198.6	25.51	192.8	22.40	191.3	21.35	189.8	20.58	186.5	18.47
		60.9	212.0	28.49	205.5	25.99	199.4	22.90	197.9	21.82	196.4	21.04	192.9	18.88
		121.7	240.1	30.40	232.6	27.90	225.5	24.86	224.0	23.68	222.5	22.85	218.0	20.50
		152.1	265.2	32.31	256.7	29.86	249.2	26.82	247.1	25.55	245.6	24.62	241.1	22.11
		182.6	277.9	33.28	268.8	30.85	261.1	27.81	258.8	26.49	257.3	25.50	252.8	22.93
	32	48.7	366.5	38.15	349.6	35.79	333.5	32.86	328.6	31.34	323.1	30.17	311.0	27.09
		60.9	368.7	38.25	351.6	35.89	335.6	32.95	330.5	31.43	325.0	30.25	312.9	27.17
		121.7	377.2	38.64	359.7	36.29	343.6	33.29	338.1	31.77	332.5	30.60	320.5	27.46
		152.1	382.8	38.64	365.2	36.29	349.1	33.29	343.1	31.77	338.1	30.60	325.5	27.46
		182.6	385.6	38.64	368.0	36.29	351.9	33.29	345.6	31.77	340.8	30.60	328.0	27.46
	41	48.7	517.9	40.95	501.2	38.65	485.2	35.77	475.2	34.10	454.1	32.83	432.5	29.47
		60.9	518.4	41.14	500.8	38.84	485.2	35.94	475.2	34.28	454.1	33.00	432.5	29.62
		121.7	520.4	41.88	499.3	39.57	485.2	36.63	475.2	34.96	454.1	33.69	432.5	30.21
		152.1	523.4	42.12	500.8	39.82	485.2	36.92	475.2	35.21	454.1	33.93	432.5	30.45
		182.6	524.9	42.24	501.6	39.94	485.2	37.07	475.2	35.33	454.1	34.06	432.5	30.57
	50	48.7	520.7	36.16	503.0	34.39	485.2	32.37	475.2	31.05	454.1	29.79	432.5	26.85
		60.9	520.4	36.19	502.3	34.42	485.2	32.41	475.2	31.09	454.1	29.76	432.5	26.87
		121.7	519.4	36.29	499.8	34.57	485.2	32.56	475.2	31.23	454.1	29.67	432.5	26.97
		152.1	522.9	36.19	501.3	34.47	485.2	32.46	475.2	31.14	454.1	29.76	432.5	27.07
		182.6	524.7	36.14	502.1	34.42	485.2	32.41	475.2	31.09	454.1	29.81	432.5	27.12
	59	48.7	523.3	31.31	504.7	30.18	485.2	29.05	475.2	28.06	454.1	26.76	432.5	24.30
		60.9	522.4	31.19	503.8	30.06	485.2	28.93	475.2	27.95	454.1	26.53	432.5	24.17
		121.7	518.9	30.70	500.3	29.57	485.2	28.44	475.2	27.51	454.1	25.60	432.5	23.68
		152.1	522.4	30.25	501.8	29.13	485.2	27.95	475.2	27.02	454.1	25.60	432.5	23.68
		182.6	524.2	30.03	502.6	28.90	485.2	27.70	475.2	26.77	454.1	25.60	432.5	23.68
	68	48.7	526.4	26.43	506.9	25.67	485.2	24.79	475.2	23.80	454.1	22.99	432.5	21.57
		60.9	525.9	26.43	505.8	25.60	485.2	24.66	475.2	23.68	454.1	22.75	432.5	21.33
		121.7	523.9	26.43	501.8	25.30	485.2	24.17	475.2	23.24	454.1	21.82	432.5	20.40
		152.1	525.4	25.99	503.3	25.11	485.2	24.17	475.2	23.24	454.1	21.82	432.5	20.40
		182.6	526.2	25.77	504.1	25.01	485.2	24.17	475.2	23.24	454.1	21.82	432.5	20.40
	77	48.7	535.2	23.10	513.4	21.87	485.2	20.95	475.2	19.91	454.1	19.10	432.5	17.68
		60.9	536.5	23.05	513.4	21.82	485.2	20.84	475.2	19.91	454.1	18.98	432.5	17.55
		121.7	541.5	22.85	513.4	21.62	485.2	20.40	475.2	19.91	454.1	18.49	432.5	17.06
		152.1	543.5	22.26	513.4	21.13	485.2	20.40	475.2	19.42	454.1	18.49	432.5	17.06
		182.6	544.5	21.97	513.4	20.89	485.2	20.40	475.2	19.17	454.1	18.49	432.5	17.06
	86	48.7	543.5	20.95	513.4	19.53	485.2	18.11	475.2	17.68	454.1	16.69	432.5	15.15
		60.9	543.5	20.84	513.4	19.42	485.2	18.00	475.2	17.55	454.1	16.57	432.5	15.15
		121.7	543.5	20.40	513.4	18.98	485.2	17.55	475.2	17.06	454.1	16.13	432.5	15.15
		152.1	543.5	19.91	513.4	18.49	485.2	17.55	475.2	17.06	454.1	16.13	432.5	14.71
		182.6	543.5	19.66	513.4	18.24	485.2	17.55	475.2	17.06	454.1	16.13	432.5	14.49
	95	48.7	543.5	19.10	513.4	17.68	485.2	16.26	475.2	15.77	454.1	14.83	432.5	13.84
		60.9	543.5	18.98	513.4	17.55	485.2	16.13	475.2	15.64	454.1	14.71	432.5	13.73
		121.7	543.5	18.49	513.4	17.06	485.2	15.64	475.2	15.15	454.1	14.22	432.5	13.29
		152.1	543.5	18.00	513.4	16.57	485.2	15.15	475.2	14.71	454.1	14.22	432.5	13.29
		182.6	543.5	17.75	513.4	16.33	485.2	14.90	475.2	14.49	454.1	14.22	432.5	13.29
	104	48.7	543.5	17.80	513.4	16.26	485.2	14.34	475.2	13.84	454.1	13.41	432.5	12.42
		60.9	543.5	17.55	513.4	16.13	485.2	14.22	475.2	13.73	454.1	13.29	432.5	12.31
		121.7	543.5	16.57	513.4	15.64	485.2	13.73	475.2	13.29	454.1	12.80	432.5	11.87
		152.1	543.5	16.57	513.4	15.64	485.2	13.73	475.2	13.29	454.1	12.80	432.5	11.87
		182.6	543.5	16.57	513.4	15.64	485.2	13.73	475.2	13.29	454.1	12.80	432.5	11.87
	113	48.7	543.5	16.49	513.4	14.83	485.2	12.42	475.2	11.99	454.1	11.99	432.5	11.00
		60.9	543.5	16.13	513.4	14.71	485.2	12.31	475.2	11.87	454.1	11.87	432.5	10.89
		121.7	543.5	14.71	513.4	14.22	485.2	11.87	475.2	11.38	454.1	11.38	432.5	10.44
		152.1	543.5	15.15	513.4	14.71	485.2	12.31	475.2	11.87	454.1	11.38	432.5	10.44
		182.6	543.5	15.37	513.4	14.96	485.2	12.53	475.2	12.11	454.1	11.38	432.5	10.44

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN480DAS4, ARWB480DAS4

480,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
80	23	48.7	193.8	19.95	181.7	19.19	172.0	18.38	170.0	17.76	169.0	16.94	165.6	15.60
		60.9	200.4	20.40	187.9	19.61	177.8	18.78	175.8	18.14	174.8	17.31	171.3	15.94
		121.7	226.5	22.16	212.5	21.28	200.9	20.35	198.9	19.66	197.9	18.78	193.9	17.26
		152.1	250.7	23.88	234.6	22.95	222.0	21.97	219.5	21.23	218.5	20.25	214.0	18.63
		182.6	262.8	24.74	245.7	23.79	232.7	22.78	229.9	22.02	228.9	20.99	224.1	19.32
	32	48.7	346.0	29.28	319.1	28.11	297.1	26.94	291.6	26.01	287.6	24.79	276.6	22.84
		60.9	348.1	29.37	321.0	28.19	298.9	27.02	293.4	26.09	289.3	24.86	278.3	22.90
		121.7	356.7	29.71	328.5	28.54	305.9	27.31	300.4	26.38	296.4	25.15	284.8	23.14
		152.1	361.7	29.71	333.5	28.54	310.9	27.31	304.9	26.38	300.9	25.15	289.3	23.14
		182.6	364.2	29.71	336.1	28.54	313.5	27.31	307.2	26.38	303.2	25.15	291.6	23.14
	41	48.7	478.7	31.85	451.7	30.65	431.9	29.26	422.5	28.29	404.4	26.98	384.3	24.82
		60.9	479.7	32.02	452.6	30.79	432.0	29.42	422.5	28.44	404.4	27.12	384.3	24.96
		121.7	483.7	32.71	456.1	31.38	432.5	30.06	422.5	29.03	404.4	27.66	384.3	25.50
		152.1	483.7	32.90	455.6	31.63	432.5	30.25	422.5	29.22	404.4	27.85	384.3	25.65
		182.6	483.7	33.00	455.4	31.75	432.5	30.35	422.5	29.32	404.4	27.95	384.3	25.72
	50	48.7	481.2	29.31	453.6	27.99	431.9	26.56	422.5	25.83	404.4	24.46	384.3	22.64
		60.9	481.7	29.27	454.1	27.95	432.0	26.58	422.5	25.84	404.4	24.47	384.3	22.65
		121.7	483.7	29.13	456.1	27.80	432.5	26.63	422.5	25.89	404.4	24.52	384.3	22.70
		152.1	483.7	29.03	455.6	27.90	432.5	26.72	422.5	25.74	404.4	24.37	384.3	22.56
		182.6	483.7	28.98	455.4	27.95	432.5	26.77	422.5	25.67	404.4	24.30	384.3	22.48
	59	48.7	483.7	26.76	455.6	25.34	432.5	23.80	422.5	23.37	404.4	21.94	384.3	20.52
		60.9	483.7	26.53	455.6	25.11	432.5	23.68	422.5	23.24	404.4	21.82	384.3	20.40
		121.7	483.7	25.60	455.6	24.17	432.5	23.24	422.5	22.75	404.4	21.33	384.3	19.91
		152.1	483.7	25.11	455.6	24.17	432.5	23.24	422.5	22.26	404.4	20.84	384.3	19.42
		182.6	483.7	24.86	455.6	24.17	432.5	23.24	422.5	22.01	404.4	20.59	384.3	19.17
	68	48.7	483.7	22.37	455.6	21.45	432.5	20.40	422.5	20.03	404.4	19.10	384.3	17.68
		60.9	483.7	22.26	455.6	21.33	432.5	20.40	422.5	19.91	404.4	18.98	384.3	17.55
		121.7	483.7	21.82	455.6	20.84	432.5	20.40	422.5	19.42	404.4	18.49	384.3	17.06
		152.1	483.7	21.33	455.6	20.40	432.5	19.91	422.5	19.42	404.4	18.00	384.3	17.06
		182.6	483.7	21.08	455.6	20.18	432.5	19.66	422.5	19.42	404.4	17.75	384.3	17.06
	77	48.7	483.7	20.03	455.6	18.61	432.5	17.55	422.5	17.19	404.4	16.26	384.3	15.26
		60.9	483.7	19.91	455.6	18.49	432.5	17.55	422.5	17.06	404.4	16.13	384.3	15.15
		121.7	483.7	19.42	455.6	18.00	432.5	17.55	422.5	16.57	404.4	15.64	384.3	14.71
		152.1	483.7	18.98	455.6	18.00	432.5	17.06	422.5	16.57	404.4	15.64	384.3	14.71
		182.6	483.7	18.75	455.6	18.00	432.5	16.82	422.5	16.57	404.4	15.64	384.3	14.71
	86	48.7	483.7	17.68	455.6	16.69	432.5	15.77	422.5	15.26	404.4	14.34	384.3	13.41
		60.9	483.7	17.55	455.6	16.57	432.5	15.64	422.5	15.15	404.4	14.22	384.3	13.29
		121.7	483.7	17.06	455.6	16.13	432.5	15.15	422.5	14.71	404.4	13.73	384.3	12.80
		152.1	483.7	17.06	455.6	16.13	432.5	15.15	422.5	14.71	404.4	13.73	384.3	12.80
		182.6	483.7	17.06	455.6	16.13	432.5	15.15	422.5	14.71	404.4	13.73	384.3	12.80
	95	48.7	483.7	16.26	455.6	15.26	432.5	13.84	422.5	13.29	404.4	12.92	384.3	11.87
		60.9	483.7	16.13	455.6	15.15	432.5	13.73	422.5	13.29	404.4	12.80	384.3	11.87
		121.7	483.7	15.64	455.6	14.71	432.5	13.29	422.5	13.29	404.4	12.31	384.3	11.87
		152.1	483.7	15.64	455.6	14.22	432.5	13.29	422.5	12.80	404.4	12.31	384.3	11.38
		182.6	483.7	15.64	455.6	13.97	432.5	13.29	422.5	12.55	404.4	12.31	384.3	11.13
	104	48.7	483.7	15.39	455.6	13.84	432.5	12.31	422.5	12.42	404.4	11.38	384.3	11.00
		60.9	483.7	15.15	455.6	13.73	432.5	12.31	422.5	12.31	404.4	11.38	384.3	10.89
		121.7	483.7	14.22	455.6	13.29	432.5	12.31	422.5	11.87	404.4	11.38	384.3	10.44
		152.1	483.7	14.22	455.6	13.29	432.5	11.87	422.5	11.87	404.4	11.38	384.3	10.44
		182.6	483.7	14.22	455.6	13.29	432.5	11.64	422.5	11.87	404.4	11.38	384.3	10.44
	113	48.7	483.7	14.58	455.6	12.42	432.5	10.76	422.5	11.61	404.4	9.83	384.3	10.19
		60.9	483.7	14.22	455.6	12.31	432.5	10.89	422.5	11.38	404.4	9.95	384.3	9.95
		121.7	483.7	12.80	455.6	11.87	432.5	11.38	422.5	10.44	404.4	10.44	384.3	9.02
		152.1	483.7	12.80	455.6	12.31	432.5	10.44	422.5	10.89	404.4	10.44	384.3	9.46
		182.6	483.7	12.80	455.6	12.53	432.5	9.97	422.5	11.11	404.4	10.44	384.3	9.69

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN480DAS4, ARWB480DAS4

480,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
70	23	48.7	169.0	17.13	158.8	16.31	150.1	15.79	148.6	14.88	147.6	14.35	145.2	13.05
		60.9	174.8	17.51	164.3	16.67	155.2	16.13	153.7	15.20	152.7	14.66	150.2	13.34
		121.7	197.9	18.98	185.9	18.09	175.3	17.51	173.8	16.48	172.8	15.89	169.8	14.47
		152.1	219.0	20.50	205.5	19.52	193.9	18.88	192.4	17.75	190.9	17.16	187.4	15.59
		182.6	229.6	21.26	215.3	20.23	203.3	19.57	201.8	18.39	200.0	17.80	196.2	16.16
	32	48.7	302.6	25.08	279.7	23.92	259.7	23.12	255.2	21.76	251.1	21.02	242.2	19.12
		60.9	304.4	25.15	281.3	23.98	261.2	23.19	256.7	21.82	252.7	21.08	243.6	19.17
		121.7	311.4	25.45	287.8	24.22	267.2	23.49	262.7	22.07	258.7	21.33	249.2	19.37
		152.1	316.0	25.45	292.4	24.22	271.3	23.49	266.7	22.07	262.7	21.33	253.2	19.37
		182.6	318.2	25.45	294.6	24.22	273.3	23.49	268.8	22.07	264.7	21.33	255.2	19.37
	41	48.7	418.1	27.32	396.1	26.00	377.1	25.17	369.2	23.72	352.6	22.87	336.1	20.78
		60.9	418.9	27.46	396.8	26.14	377.2	25.30	369.2	23.83	352.6	23.00	336.1	20.89
		121.7	422.5	28.00	399.9	26.67	377.7	25.84	369.2	24.27	352.6	23.49	336.1	21.33
		152.1	422.5	28.19	399.3	26.87	377.7	26.04	369.2	24.47	352.6	23.63	336.1	21.48
		182.6	422.5	28.29	399.1	26.97	377.7	26.14	369.2	24.57	352.6	23.71	336.1	21.55
	50	48.7	419.9	25.16	397.5	23.78	377.7	22.90	369.2	21.62	352.6	20.74	336.1	18.98
		60.9	420.4	25.11	397.8	23.73	377.7	22.85	369.2	21.62	352.6	20.74	336.1	18.98
		121.7	422.5	24.91	399.3	23.54	377.7	22.65	369.2	21.62	352.6	20.74	336.1	18.98
		152.1	422.5	25.01	399.3	23.63	377.7	22.75	369.2	21.72	352.6	20.59	336.1	19.03
		182.6	422.5	25.06	399.3	23.68	377.7	22.80	369.2	21.77	352.6	20.52	336.1	19.05
	59	48.7	422.5	22.99	399.3	21.57	377.7	20.65	369.2	19.53	352.6	18.61	336.1	17.19
		60.9	422.5	22.75	399.3	21.33	377.7	20.40	369.2	19.42	352.6	18.49	336.1	17.06
		121.7	422.5	21.82	399.3	20.40	377.7	19.42	369.2	18.98	352.6	18.00	336.1	16.57
		152.1	422.5	21.82	399.3	20.40	377.7	19.42	369.2	18.98	352.6	17.55	336.1	16.57
		182.6	422.5	21.82	399.3	20.40	377.7	19.42	369.2	18.98	352.6	17.33	336.1	16.57
	68	48.7	422.5	19.10	399.3	18.11	377.7	17.68	369.2	17.19	352.6	16.26	336.1	15.26
		60.9	422.5	18.98	399.3	18.00	377.7	17.55	369.2	17.06	352.6	16.13	336.1	15.15
		121.7	422.5	18.49	399.3	17.55	377.7	17.06	369.2	16.57	352.6	15.64	336.1	14.71
		152.1	422.5	18.49	399.3	17.55	377.7	17.06	369.2	16.13	352.6	15.64	336.1	14.22
		182.6	422.5	18.49	399.3	17.55	377.7	17.06	369.2	15.91	352.6	15.64	336.1	13.97
	77	48.7	422.5	17.19	399.3	16.26	377.7	15.26	369.2	14.83	352.6	13.73	336.1	12.80
		60.9	422.5	17.06	399.3	16.13	377.7	15.15	369.2	14.71	352.6	13.73	336.1	12.80
		121.7	422.5	16.57	399.3	15.64	377.7	14.71	369.2	14.22	352.6	13.73	336.1	12.80
		152.1	422.5	16.13	399.3	15.15	377.7	14.71	369.2	14.22	352.6	13.29	336.1	12.80
		182.6	422.5	15.91	399.3	14.90	377.7	14.71	369.2	14.22	352.6	13.07	336.1	12.80
	86	48.7	422.5	15.26	399.3	14.34	377.7	13.41	369.2	12.80	352.6	12.42	336.1	11.38
		60.9	422.5	15.15	399.3	14.22	377.7	13.29	369.2	12.80	352.6	12.31	336.1	11.38
		121.7	422.5	14.71	399.3	13.73	377.7	12.80	369.2	12.80	352.6	11.87	336.1	11.38
		152.1	422.5	14.71	399.3	13.73	377.7	12.80	369.2	12.31	352.6	11.87	336.1	11.38
		182.6	422.5	14.71	399.3	13.73	377.7	12.80	369.2	12.06	352.6	11.87	336.1	11.38
	95	48.7	422.5	13.84	399.3	12.92	377.7	11.87	369.2	11.99	352.6	10.89	336.1	10.57
		60.9	422.5	13.73	399.3	12.80	377.7	11.87	369.2	11.87	352.6	10.89	336.1	10.44
		121.7	422.5	13.29	399.3	12.31	377.7	11.87	369.2	11.38	352.6	10.89	336.1	9.95
		152.1	422.5	13.29	399.3	12.31	377.7	11.38	369.2	11.38	352.6	10.89	336.1	9.95
		182.6	422.5	13.29	399.3	12.31	377.7	11.13	369.2	11.38	352.6	10.89	336.1	9.95
	104	48.7	422.5	12.92	399.3	11.99	377.7	11.00	369.2	10.44	352.6	9.95	336.1	9.58
		60.9	422.5	12.80	399.3	11.87	377.7	10.89	369.2	10.44	352.6	9.95	336.1	9.46
		121.7	422.5	12.31	399.3	11.38	377.7	10.44	369.2	10.44	352.6	9.95	336.1	9.02
		152.1	422.5	12.31	399.3	11.38	377.7	10.44	369.2	9.95	352.6	9.46	336.1	9.02
		182.6	422.5	12.31	399.3	11.38	377.7	10.44	369.2	9.71	352.6	9.22	336.1	9.02
	113	48.7	422.5	11.99	399.3	11.00	377.7	10.19	369.2	8.91	352.6	9.02	336.1	8.66
		60.9	422.5	11.87	399.3	10.89	377.7	9.95	369.2	9.02	352.6	9.02	336.1	8.53
		121.7	422.5	11.38	399.3	10.44	377.7	9.02	369.2	9.46	352.6	9.02	336.1	8.04
		152.1	422.5	11.38	399.3	10.44	377.7	9.46	369.2	8.53	352.6	8.04	336.1	8.04
		182.6	422.5	11.38	399.3	10.44	377.7	9.69	369.2	8.06	352.6	7.55	336.1	8.04

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN480DAS4, ARWB480DAS4

480,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
60	23	48.7	145.1	13.91	136.0	13.38	128.7	12.86	127.2	11.95	126.7	11.75	124.3	10.50
		60.9	150.2	14.22	140.7	13.68	133.1	13.14	131.6	12.21	131.1	12.01	128.6	10.74
		121.7	170.3	15.45	159.2	14.86	150.7	14.27	149.2	13.24	148.7	13.04	145.7	11.67
		152.1	187.9	16.62	175.8	16.03	166.8	15.40	164.8	14.32	164.3	14.07	160.7	12.55
		182.6	196.7	17.22	184.2	16.63	174.9	15.97	172.6	14.86	172.1	14.59	168.3	13.00
	32	48.7	259.7	20.39	239.2	19.66	223.1	18.82	218.7	17.50	215.7	17.26	207.8	15.41
		60.9	261.2	20.45	240.6	19.71	224.5	18.88	220.0	17.55	217.0	17.31	209.0	15.45
		121.7	267.2	20.69	246.1	19.91	230.1	19.12	225.0	17.75	222.0	17.51	213.5	15.59
		152.1	271.3	20.69	250.2	19.91	233.6	19.12	228.6	17.75	225.5	17.51	217.0	15.59
		182.6	273.3	20.69	252.2	19.91	235.4	19.12	230.3	17.75	227.3	17.51	218.8	15.59
	41	48.7	358.9	22.20	338.4	21.37	324.5	20.48	316.5	19.07	302.9	18.78	288.3	16.73
		60.9	359.7	22.31	339.1	21.48	324.5	20.59	316.5	19.17	302.9	18.88	288.3	16.82
		121.7	362.7	22.75	341.6	21.92	324.5	21.04	316.5	19.56	302.9	19.27	288.3	17.16
		152.1	362.7	22.95	341.1	22.07	324.5	21.18	316.5	19.71	302.9	19.37	288.3	17.31
		182.6	362.7	23.05	340.8	22.14	324.5	21.26	316.5	19.79	302.9	19.42	288.3	17.38
	50	48.7	360.8	20.40	339.7	19.52	324.5	18.58	316.5	17.36	302.9	17.03	288.3	15.26
		60.9	361.2	20.40	340.1	19.52	324.5	18.58	316.5	17.41	302.9	17.01	288.3	15.30
		121.7	362.7	20.40	341.6	19.52	324.5	18.58	316.5	17.60	302.9	16.97	288.3	15.45
		152.1	362.7	20.45	341.1	19.32	324.5	18.39	316.5	17.41	302.9	16.82	288.3	15.30
		182.6	362.7	20.47	340.8	19.22	324.5	18.29	316.5	17.31	302.9	16.74	288.3	15.22
	59	48.7	362.7	18.61	341.1	17.68	324.5	16.69	316.5	15.64	302.9	15.26	288.3	13.73
		60.9	362.7	18.49	341.1	17.55	324.5	16.57	316.5	15.64	302.9	15.15	288.3	13.73
		121.7	362.7	18.00	341.1	17.06	324.5	16.13	316.5	15.64	302.9	14.71	288.3	13.73
		152.1	362.7	18.00	341.1	16.57	324.5	15.64	316.5	15.15	302.9	14.22	288.3	13.29
		182.6	362.7	18.00	341.1	16.33	324.5	15.39	316.5	14.90	302.9	13.97	288.3	13.07
	68	48.7	362.7	16.26	341.1	15.26	324.5	14.34	316.5	13.84	302.9	13.41	288.3	12.42
		60.9	362.7	16.13	341.1	15.15	324.5	14.22	316.5	13.73	302.9	13.29	288.3	12.31
		121.7	362.7	15.64	341.1	14.71	324.5	13.73	316.5	13.29	302.9	12.80	288.3	11.87
		152.1	362.7	15.64	341.1	14.71	324.5	13.73	316.5	13.29	302.9	12.80	288.3	11.87
		182.6	362.7	15.64	341.1	14.71	324.5	13.73	316.5	13.29	302.9	12.80	288.3	11.87
	77	48.7	362.7	14.34	341.1	13.41	324.5	12.31	316.5	12.42	302.9	11.38	288.3	11.00
		60.9	362.7	14.22	341.1	13.29	324.5	12.31	316.5	12.31	302.9	11.38	288.3	10.89
		121.7	362.7	13.73	341.1	12.80	324.5	12.31	316.5	11.87	302.9	11.38	288.3	10.44
		152.1	362.7	13.73	341.1	12.80	324.5	11.87	316.5	11.87	302.9	11.38	288.3	10.44
		182.6	362.7	13.73	341.1	12.80	324.5	11.64	316.5	11.87	302.9	11.38	288.3	10.44
	86	48.7	362.7	12.92	341.1	11.99	324.5	11.50	316.5	11.00	302.9	10.57	288.3	10.08
		60.9	362.7	12.80	341.1	11.87	324.5	11.38	316.5	10.89	302.9	10.44	288.3	9.95
		121.7	362.7	12.31	341.1	11.38	324.5	10.89	316.5	10.44	302.9	9.95	288.3	9.46
		152.1	362.7	12.31	341.1	11.38	324.5	10.89	316.5	10.44	302.9	9.95	288.3	9.46
		182.6	362.7	12.31	341.1	11.38	324.5	10.89	316.5	10.44	302.9	9.95	288.3	9.46
	95	48.7	362.7	11.38	341.1	11.00	324.5	9.95	316.5	10.08	302.9	9.58	288.3	9.15
		60.9	362.7	11.38	341.1	10.89	324.5	9.95	316.5	9.95	302.9	9.46	288.3	9.02
		121.7	362.7	11.38	341.1	10.44	324.5	9.95	316.5	9.46	302.9	9.02	288.3	8.53
		152.1	362.7	11.38	341.1	10.44	324.5	9.46	316.5	9.46	302.9	9.02	288.3	8.53
		182.6	362.7	11.38	341.1	10.44	324.5	9.22	316.5	9.46	302.9	9.02	288.3	8.53
	104	48.7	362.7	10.44	341.1	10.08	324.5	9.02	316.5	9.15	302.9	8.66	288.3	8.04
		60.9	362.7	10.44	341.1	9.95	324.5	9.02	316.5	9.02	302.9	8.53	288.3	8.04
		121.7	362.7	10.44	341.1	9.46	324.5	9.02	316.5	8.53	302.9	8.04	288.3	8.04
		152.1	362.7	10.44	341.1	9.46	324.5	9.02	316.5	8.53	302.9	8.04	288.3	8.04
		182.6	362.7	10.44	341.1	9.46	324.5	9.02	316.5	8.53	302.9	8.04	288.3	8.04
	113	48.7	362.7	9.46	341.1	9.15	324.5	8.04	316.5	8.15	302.9	7.72	288.3	6.99
		60.9	362.7	9.46	341.1	9.02	324.5	8.04	316.5	8.04	302.9	7.60	288.3	7.11
		121.7	362.7	9.46	341.1	8.53	324.5	8.04	316.5	7.60	302.9	7.11	288.3	7.60
		152.1	362.7	9.46	341.1	8.53	324.5	8.53	316.5	7.60	302.9	7.11	288.3	7.60
		182.6	362.7	9.46	341.1	8.53	324.5	8.78	316.5	7.60	302.9	7.11	288.3	7.60

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN480DAS4, ARWB480DAS4

480,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
50	23	48.7	121.0	11.09	113.7	10.50	107.3	9.94	105.8	9.40	105.3	8.82	103.4	8.36
		60.9	125.1	11.33	117.5	10.74	111.0	10.15	109.5	9.61	109.0	9.02	107.0	8.53
		121.7	141.2	12.26	132.6	11.67	125.6	10.98	124.1	10.44	123.6	9.81	121.1	9.22
		152.1	156.2	13.24	146.7	12.55	138.6	11.87	137.1	11.28	136.1	10.54	134.1	9.95
		182.6	163.8	13.73	153.8	13.00	145.2	12.31	143.7	11.70	142.5	10.91	140.7	10.32
	32	48.7	215.7	16.24	199.8	15.41	185.7	14.51	181.7	13.78	179.2	12.96	172.8	12.22
		60.9	217.0	16.28	200.9	15.45	186.9	14.56	182.8	13.83	180.3	12.99	173.8	12.26
		121.7	222.0	16.43	205.5	15.59	191.4	14.76	187.4	14.02	184.9	13.14	177.8	12.41
		152.1	225.5	16.43	208.5	15.59	193.9	14.76	190.4	14.02	187.4	13.14	180.8	12.41
		182.6	227.3	16.43	210.0	15.59	195.2	14.76	191.9	14.02	188.6	13.14	182.4	12.41
	41	48.7	298.2	17.66	282.8	16.73	269.6	15.80	263.2	15.03	251.7	14.11	240.1	13.26
		60.9	298.9	17.75	283.3	16.82	269.7	15.89	263.2	15.10	251.7	14.17	240.1	13.34
		121.7	301.4	18.09	285.3	17.16	270.3	16.23	263.2	15.40	251.7	14.42	240.1	13.63
		152.1	301.4	18.24	284.8	17.31	270.3	16.33	263.2	15.49	251.7	14.56	240.1	13.73
		182.6	301.4	18.31	284.6	17.38	270.3	16.38	263.2	15.54	251.7	14.64	240.1	13.78
	50	48.7	300.1	16.26	283.4	15.31	269.6	14.39	263.2	13.75	251.7	12.71	240.1	12.14
		60.9	300.4	16.23	283.8	15.30	269.7	14.37	263.2	13.73	251.7	12.75	240.1	12.11
		121.7	301.4	16.13	285.3	15.25	270.3	14.27	263.2	13.63	251.7	12.90	240.1	12.01
		152.1	301.4	16.23	284.8	15.30	270.3	14.32	263.2	13.68	251.7	12.70	240.1	12.06
		182.6	301.4	16.28	284.6	15.32	270.3	14.34	263.2	13.71	251.7	12.60	240.1	12.09
	59	48.7	301.4	14.83	284.8	13.84	270.3	12.92	263.2	12.42	251.7	11.38	240.1	11.00
		60.9	301.4	14.71	284.8	13.73	270.3	12.80	263.2	12.31	251.7	11.38	240.1	10.89
		121.7	301.4	14.22	284.8	13.29	270.3	12.31	263.2	11.87	251.7	11.38	240.1	10.44
		152.1	301.4	14.22	284.8	13.29	270.3	12.31	263.2	11.87	251.7	10.89	240.1	10.44
		182.6	301.4	14.22	284.8	13.29	270.3	12.31	263.2	11.87	251.7	10.64	240.1	10.44
	68	48.7	301.4	12.92	284.8	11.99	270.3	11.50	263.2	11.00	251.7	10.57	240.1	9.46
		60.9	301.4	12.80	284.8	11.87	270.3	11.38	263.2	10.89	251.7	10.44	240.1	9.46
		121.7	301.4	12.31	284.8	11.38	270.3	10.89	263.2	10.44	251.7	9.95	240.1	9.46
		152.1	301.4	12.31	284.8	11.38	270.3	10.89	263.2	10.44	251.7	9.95	240.1	9.46
		182.6	301.4	12.31	284.8	11.38	270.3	10.89	263.2	10.44	251.7	9.95	240.1	9.46
	77	48.7	301.4	11.50	284.8	10.44	270.3	10.08	263.2	9.46	251.7	9.02	240.1	8.53
		60.9	301.4	11.38	284.8	10.44	270.3	9.95	263.2	9.46	251.7	9.02	240.1	8.53
		121.7	301.4	10.89	284.8	10.44	270.3	9.46	263.2	9.46	251.7	9.02	240.1	8.53
		152.1	301.4	10.89	284.8	10.44	270.3	9.46	263.2	9.46	251.7	9.02	240.1	8.53
		182.6	301.4	10.89	284.8	10.44	270.3	9.46	263.2	9.46	251.7	9.02	240.1	8.53
	86	48.7	301.4	10.57	284.8	9.58	270.3	9.15	263.2	8.53	251.7	8.66	240.1	8.15
		60.9	301.4	10.44	284.8	9.46	270.3	9.02	263.2	8.53	251.7	8.53	240.1	8.04
		121.7	301.4	9.95	284.8	9.02	270.3	8.53	263.2	8.53	251.7	8.04	240.1	7.60
		152.1	301.4	9.95	284.8	9.02	270.3	8.53	263.2	8.53	251.7	8.04	240.1	7.60
		182.6	301.4	9.95	284.8	9.02	270.3	8.53	263.2	8.53	251.7	8.04	240.1	7.60
	95	48.7	301.4	9.58	284.8	8.53	270.3	8.04	263.2	8.15	251.7	7.60	240.1	7.11
		60.9	301.4	9.46	284.8	8.53	270.3	8.04	263.2	8.04	251.7	7.60	240.1	7.11
		121.7	301.4	9.02	284.8	8.53	270.3	8.04	263.2	7.60	251.7	7.60	240.1	7.11
		152.1	301.4	9.02	284.8	8.53	270.3	8.04	263.2	7.60	251.7	7.60	240.1	7.11
		182.6	301.4	9.02	284.8	8.53	270.3	8.04	263.2	7.60	251.7	7.60	240.1	7.11
	104	48.7	301.4	8.66	284.8	8.15	270.3	7.72	263.2	7.11	251.7	7.23	240.1	6.62
		60.9	301.4	8.53	284.8	8.04	270.3	7.60	263.2	7.11	251.7	7.11	240.1	6.62
		121.7	301.4	8.04	284.8	7.60	270.3	7.11	263.2	7.11	251.7	6.62	240.1	6.62
		152.1	301.4	8.04	284.8	7.60	270.3	7.11	263.2	7.11	251.7	6.62	240.1	6.62
		182.6	301.4	8.04	284.8	7.60	270.3	7.11	263.2	7.11	251.7	6.62	240.1	6.62
	113	48.7	301.4	7.72	284.8	7.85	270.3	7.35	263.2	6.07	251.7	6.85	240.1	6.18
		60.9	301.4	7.60	284.8	7.60	270.3	7.11	263.2	6.18	251.7	6.62	240.1	6.18
		121.7	301.4	7.11	284.8	6.62	270.3	6.18	263.2	6.62	251.7	5.69	240.1	6.18
		152.1	301.4	7.11	284.8	6.62	270.3	6.18	263.2	6.62	251.7	5.69	240.1	6.18
		182.6	301.4	7.11	284.8	6.62	270.3	6.18	263.2	6.62	251.7	5.69	240.1	6.18

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN576DAS4, ARWB576DAS4

576,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
130	23	60.8	306.6	36.82	304.3	34.67	302.5	32.27	298.4	31.32	301.9	30.50	293.6	27.35
		76.1	317.1	37.46	314.7	35.34	312.8	32.98	308.6	32.01	312.2	31.16	303.8	27.95
		152.1	358.7	40.01	355.6	38.01	353.8	35.77	349.0	34.74	353.2	33.77	344.2	30.31
		190.1	396.6	42.56	393.0	40.62	390.6	38.55	385.8	37.52	390.6	36.43	380.4	32.67
		228.2	415.8	43.84	411.9	41.93	409.1	39.96	404.3	38.93	409.4	37.78	398.6	33.87
	32	60.8	547.6	50.36	535.2	48.86	523.8	47.27	512.3	45.93	514.1	44.68	490.6	40.01
		76.1	551.0	50.50	538.3	48.98	526.8	47.41	515.4	46.07	517.2	44.80	493.7	40.13
		152.1	564.2	51.04	550.3	49.47	538.9	47.95	527.4	46.62	529.3	45.28	505.7	40.62
		190.1	572.7	51.04	558.8	49.47	547.3	47.95	535.3	46.62	537.1	45.28	513.0	40.62
		228.2	576.9	51.04	563.0	49.47	551.6	47.95	539.2	46.62	541.0	45.28	516.6	40.62
	41	60.8	788.7	54.13	776.8	52.80	760.6	51.45	741.4	49.99	721.5	48.62	681.8	43.54
		76.1	791.5	54.38	778.2	53.04	760.7	51.71	741.4	50.25	721.5	48.86	681.8	43.77
		152.1	802.3	55.35	783.6	54.01	761.3	52.74	741.4	51.29	721.5	49.83	681.8	44.68
		190.1	807.1	55.71	786.0	54.38	761.3	53.10	741.4	51.65	721.5	50.19	681.8	44.98
		228.2	809.6	55.89	787.3	54.56	761.3	53.29	741.4	51.83	721.5	50.38	681.8	45.13
	50	60.8	789.8	49.26	777.0	47.60	758.3	46.71	738.4	45.66	718.8	44.10	679.0	39.80
		76.1	794.5	49.16	780.6	47.65	761.3	46.80	741.4	45.65	721.5	44.07	681.8	39.77
		152.1	813.2	48.80	795.1	47.83	773.4	47.16	753.5	45.59	732.4	43.95	692.6	39.65
		190.1	817.4	49.47	800.5	48.50	778.2	47.34	757.1	45.77	737.2	44.68	696.8	41.53
		228.2	819.5	49.80	803.2	48.83	780.6	47.44	758.9	45.86	739.6	45.04	699.0	42.47
	59	60.8	790.9	44.39	777.1	42.50	755.2	42.04	735.3	41.35	716.1	39.59	676.3	36.07
		76.1	797.5	43.95	783.0	42.31	761.3	41.95	741.4	41.04	721.5	39.28	681.8	35.77
		152.1	823.4	42.19	806.5	41.59	785.4	41.59	765.5	39.83	743.2	38.07	703.5	34.55
		190.1	827.6	43.22	814.4	42.56	795.1	41.59	773.4	39.83	753.5	39.16	711.9	38.07
		228.2	829.8	43.74	818.3	43.04	799.9	41.59	777.3	39.83	758.7	39.71	716.1	39.84
	68	60.8	821.1	40.72	806.0	38.83	784.8	37.98	763.1	36.76	740.9	35.95	696.9	34.84
		76.1	827.6	40.43	812.6	38.80	790.9	37.95	769.2	36.92	747.5	36.19	703.5	34.55
		152.1	853.6	39.28	838.5	38.68	815.0	37.83	793.3	37.52	773.4	37.16	729.4	33.40
		190.1	857.2	39.28	844.5	38.68	824.6	38.07	801.1	37.52	779.4	37.16	735.4	35.52
		228.2	859.0	39.28	847.5	38.68	829.5	38.19	805.1	37.52	782.4	37.16	738.4	36.59
	77	60.8	866.8	38.83	844.5	37.71	824.6	37.07	808.9	36.45	790.9	35.92	745.7	33.56
		76.1	866.8	38.68	844.5	37.65	824.6	36.92	808.9	36.31	790.9	35.77	745.7	33.40
		152.1	866.8	38.07	844.5	37.40	824.6	36.31	808.9	35.77	790.9	35.16	745.7	32.80
		190.1	866.8	37.52	844.5	36.43	824.6	35.77	808.9	35.16	790.9	34.55	745.7	32.25
		228.2	866.8	37.25	844.5	35.94	824.6	35.49	808.9	34.85	790.9	34.25	745.7	31.98
	86	60.8	866.8	37.83	844.5	35.95	824.6	35.62	808.9	34.69	790.9	34.31	745.7	31.93
		76.1	866.8	37.52	844.5	35.89	824.6	35.40	808.9	34.55	790.9	34.01	745.7	31.64
		152.1	866.8	36.31	844.5	35.64	824.6	34.55	808.9	34.01	790.9	32.80	745.7	30.49
		190.1	866.8	35.77	844.5	34.68	824.6	34.01	808.9	33.40	790.9	32.80	745.7	30.49
		228.2	866.8	35.49	844.5	34.19	824.6	33.73	808.9	33.10	790.9	32.80	745.7	30.49
	95	60.8	866.8	36.07	844.5	34.87	824.6	34.16	808.9	32.93	790.9	31.80	745.7	29.57
		76.1	866.8	35.77	844.5	34.68	824.6	34.01	808.9	32.80	790.9	31.64	745.7	29.28
		152.1	866.8	34.55	844.5	33.89	824.6	33.40	808.9	32.25	790.9	31.04	745.7	28.13
		190.1	866.8	34.55	844.5	33.52	824.6	32.80	808.9	31.64	790.9	30.49	745.7	28.13
		228.2	866.8	34.55	844.5	33.34	824.6	32.49	808.9	31.34	790.9	30.22	745.7	28.13
	104	60.8	866.8	34.84	844.5	33.74	824.6	33.09	808.9	31.93	790.9	30.80	745.7	27.81
		76.1	866.8	34.55	844.5	33.52	824.6	32.80	808.9	31.64	790.9	30.49	745.7	27.52
		152.1	866.8	33.40	844.5	32.67	824.6	31.64	808.9	30.49	790.9	29.28	745.7	26.37
		190.1	866.8	32.80	844.5	32.13	824.6	31.64	808.9	30.49	790.9	29.28	745.7	26.37
		228.2	866.8	32.49	844.5	31.85	824.6	31.64	808.9	30.49	790.9	29.28	745.7	26.37
	113	60.8	866.8	33.69	844.5	32.59	824.6	32.09	808.9	30.94	790.9	29.72	745.7	26.05
		76.1	866.8	33.40	844.5	32.37	824.6	31.64	808.9	30.49	790.9	29.28	745.7	25.76
		152.1	866.8	32.25	844.5	31.52	824.6	29.89	808.9	28.73	790.9	27.52	745.7	24.61
		190.1	866.8	31.04	844.5	30.73	824.6	30.49	808.9	29.28	790.9	28.13	745.7	24.61
		228.2	866.8	30.43	844.5	30.34	824.6	30.80	808.9	29.55	790.9	28.43	745.7	24.61

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN576DAS4, ARWB576DAS4

576,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
120	23	60.8	291.3	36.82	289.1	34.67	287.3	32.27	283.8	30.91	286.1	30.02	278.5	26.86
		76.1	301.4	37.46	299.0	35.34	297.2	32.98	293.6	31.58	296.0	30.67	288.1	27.46
		152.1	341.2	40.01	338.2	38.01	336.4	35.77	332.1	34.25	335.2	33.28	326.1	29.83
		190.1	376.7	42.56	373.7	40.62	371.3	38.55	367.1	36.98	370.1	35.89	359.9	32.13
		228.2	394.7	43.84	391.7	41.93	388.9	39.96	384.7	38.35	387.7	37.20	376.9	33.29
	32	60.8	520.8	50.36	508.1	48.86	497.3	47.27	487.2	45.27	487.2	44.01	464.9	39.34
		76.1	523.8	50.50	511.2	48.98	500.3	47.41	490.1	45.40	490.1	44.13	467.8	39.46
		152.1	535.9	51.04	523.2	49.47	512.4	47.95	501.5	45.95	501.5	44.62	479.2	39.95
		190.1	544.3	51.04	531.7	49.47	520.2	47.95	509.4	45.95	508.8	44.62	486.5	39.95
		228.2	548.6	51.04	535.9	49.47	524.2	47.95	513.3	45.95	512.4	44.62	490.1	39.95
	41	60.8	750.7	54.13	739.5	52.80	723.3	51.45	705.9	49.27	683.6	47.89	646.2	42.89
		76.1	753.5	54.38	740.8	53.04	723.3	51.71	705.9	49.53	683.6	48.13	646.2	43.10
		152.1	764.3	55.35	746.3	54.01	723.3	52.74	705.9	50.56	683.6	49.10	646.2	43.95
		190.1	768.6	55.71	742.0	54.38	723.3	53.10	705.9	50.92	683.6	49.47	646.2	44.25
		228.2	770.7	55.89	739.9	54.56	723.3	53.29	705.9	51.10	683.6	49.65	646.2	44.41
	50	60.8	753.6	48.63	739.6	47.28	721.4	46.33	703.9	44.92	681.7	43.44	644.5	39.05
		76.1	757.1	48.80	742.6	47.47	723.3	46.50	705.9	44.98	683.6	43.40	646.2	39.10
		152.1	771.0	49.47	754.7	48.19	731.2	47.16	713.7	45.22	690.8	43.28	652.8	39.28
		190.1	775.2	49.28	752.3	48.19	734.2	47.34	716.7	45.40	693.8	43.47	655.8	40.62
		228.2	777.3	49.19	751.1	48.19	735.7	47.44	718.2	45.50	695.3	43.56	657.4	41.29
	59	60.8	755.7	43.13	740.5	41.86	719.2	41.21	701.9	40.59	680.1	38.97	642.7	35.31
		76.1	760.1	43.22	745.0	41.95	723.3	41.28	705.9	40.43	683.6	38.68	646.2	35.16
		152.1	777.6	43.59	763.1	42.31	739.6	41.59	721.5	39.83	697.4	37.52	660.1	34.55
		190.1	781.8	42.92	762.5	41.95	745.7	41.59	727.6	39.83	703.5	37.52	666.1	36.92
		228.2	783.9	42.58	762.2	41.77	748.7	41.59	730.6	39.83	706.5	37.52	669.1	38.11
	68	60.8	776.8	38.80	762.2	37.14	739.1	36.16	718.8	35.63	695.4	35.19	657.9	33.40
		76.1	781.8	38.80	766.7	37.28	743.2	36.31	723.3	35.77	699.8	35.16	661.9	33.28
		152.1	801.7	38.80	784.8	37.83	759.5	36.92	741.4	36.31	717.3	35.04	677.5	32.80
		190.1	805.3	38.43	784.2	37.52	765.5	36.92	745.7	36.31	721.5	35.16	681.8	34.01
		228.2	807.2	38.25	783.9	37.37	768.6	36.92	747.8	36.31	723.7	35.22	683.9	34.62
	77	60.8	814.5	36.69	790.9	34.98	765.5	34.31	749.3	33.56	729.4	32.93	689.6	30.65
		76.1	815.0	36.55	790.9	34.92	765.5	34.25	749.3	33.40	729.4	32.80	689.6	30.49
		152.1	816.8	36.01	790.9	34.68	765.5	34.01	749.3	32.80	729.4	32.25	689.6	29.89
		190.1	819.2	34.68	790.9	33.77	765.5	33.40	749.3	32.80	729.4	31.64	689.6	29.89
		228.2	820.4	34.00	790.9	33.31	765.5	33.10	749.3	32.80	729.4	31.34	689.6	29.89
	86	60.8	819.2	35.09	790.9	33.36	765.5	32.40	749.3	31.18	729.4	30.80	689.6	28.28
		76.1	819.2	34.80	790.9	33.16	765.5	32.25	749.3	31.04	729.4	30.49	689.6	28.13
		152.1	819.2	33.64	790.9	32.37	765.5	31.64	749.3	30.49	729.4	29.28	689.6	27.52
		190.1	819.2	32.55	790.9	31.64	765.5	31.04	749.3	30.49	729.4	29.28	689.6	26.98
		228.2	819.2	32.00	790.9	31.28	765.5	30.73	749.3	30.49	729.4	29.28	689.6	26.70
	95	60.8	819.2	33.51	790.9	31.69	765.5	30.80	749.3	29.57	729.4	28.42	689.6	25.90
		76.1	819.2	33.04	790.9	31.40	765.5	30.49	749.3	29.28	729.4	28.13	689.6	25.76
		152.1	819.2	31.16	790.9	30.25	765.5	29.28	749.3	28.13	729.4	26.98	689.6	25.22
		190.1	819.2	30.80	790.9	30.01	765.5	29.28	749.3	28.13	729.4	26.98	689.6	24.61
		228.2	819.2	30.61	790.9	29.89	765.5	29.28	749.3	28.13	729.4	26.98	689.6	24.31
	104	60.8	819.2	32.51	790.9	30.24	765.5	29.04	749.3	27.81	729.4	26.66	689.6	24.14
		76.1	819.2	31.89	790.9	29.89	765.5	28.73	749.3	27.52	729.4	26.37	689.6	24.01
		152.1	819.2	29.40	790.9	28.49	765.5	27.52	749.3	26.37	729.4	25.22	689.6	23.46
		190.1	819.2	29.04	790.9	28.13	765.5	27.52	749.3	26.37	729.4	25.22	689.6	22.85
		228.2	819.2	28.85	790.9	27.94	765.5	27.52	749.3	26.37	729.4	25.22	689.6	22.55
	113	60.8	819.2	31.52	790.9	28.78	765.5	27.28	749.3	26.05	729.4	24.90	689.6	22.39
		76.1	819.2	30.73	790.9	28.37	765.5	26.98	749.3	25.76	729.4	24.61	689.6	22.25
		152.1	819.2	27.64	790.9	26.73	765.5	25.76	749.3	24.61	729.4	23.46	689.6	21.70
		190.1	819.2	27.28	790.9	26.25	765.5	25.76	749.3	24.61	729.4	23.46	689.6	21.10
		228.2	819.2	27.10	790.9	26.00	765.5	25.76	749.3	24.61	729.4	23.46	689.6	20.79

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN576DAS4, ARWB576DAS4

576,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
110	23	60.8	275.7	37.31	273.9	34.67	272.1	32.27	269.2	30.91	270.0	30.02	263.9	26.86
		76.1	285.1	37.95	283.3	35.34	281.5	32.98	278.5	31.58	279.1	30.67	273.1	27.46
		152.1	322.5	40.49	320.7	38.01	318.9	35.77	315.3	34.25	315.3	33.28	309.2	29.83
		190.1	356.2	43.10	353.8	40.62	352.0	38.55	348.4	36.98	348.4	35.89	341.2	32.13
		228.2	373.3	44.41	370.5	41.93	368.7	39.96	365.1	38.35	365.1	37.20	357.3	33.29
	32	60.8	492.6	51.04	481.8	48.86	471.7	47.27	462.6	45.27	458.4	44.01	441.1	39.34
		76.1	495.5	51.16	484.6	48.98	474.4	47.41	465.4	45.40	461.1	44.13	443.7	39.46
		152.1	506.9	51.65	496.1	49.47	485.2	47.95	476.2	45.95	472.0	44.62	453.9	39.95
		190.1	514.8	51.65	503.9	49.47	493.1	47.95	483.4	45.95	479.2	44.62	460.5	39.95
		228.2	518.7	51.65	507.9	49.47	497.0	47.95	487.1	45.95	482.9	44.62	463.9	39.95
	41	60.8	718.5	54.86	701.5	52.80	685.2	51.45	669.7	49.27	643.8	47.89	612.4	42.89
		76.1	720.9	55.10	702.9	53.04	685.4	51.71	669.7	49.53	643.8	48.13	612.4	43.10
		152.1	730.6	56.07	708.3	54.01	686.0	52.74	669.7	50.56	643.8	49.10	612.4	43.95
		190.1	734.8	56.44	710.1	54.38	686.0	53.10	669.7	50.92	643.8	49.47	612.4	44.25
		228.2	736.9	56.62	711.0	54.56	686.0	53.29	669.7	51.10	643.8	49.65	612.4	44.41
	50	60.8	721.2	49.19	703.4	47.51	684.3	46.48	668.6	44.92	642.7	43.44	611.7	39.05
		76.1	724.0	49.28	705.3	47.65	685.4	46.62	669.7	44.98	643.8	43.40	612.4	39.10
		152.1	734.8	49.65	712.5	48.19	689.6	47.16	673.9	45.22	648.0	43.28	615.4	39.28
		190.1	739.0	49.65	715.5	48.19	692.0	47.04	675.1	45.10	649.2	43.47	617.3	39.71
		228.2	741.1	49.65	717.0	48.19	693.2	46.98	675.7	45.04	649.8	43.56	618.2	39.92
	59	60.8	723.3	43.53	704.5	42.31	684.0	41.59	667.7	40.59	641.6	38.97	610.9	35.31
		76.1	726.4	43.47	707.1	42.31	686.0	41.59	669.7	40.43	643.8	38.68	612.4	35.16
		152.1	738.4	43.22	717.3	42.31	693.8	41.59	677.5	39.83	652.2	37.52	618.5	34.55
		190.1	742.6	42.92	720.9	41.95	697.4	41.04	679.9	39.28	654.0	37.52	622.1	35.16
		228.2	744.8	42.77	722.8	41.77	699.3	40.77	681.2	39.01	654.9	37.52	623.9	35.47
	68	60.8	736.9	37.57	716.7	36.68	693.6	35.77	674.9	35.16	650.2	34.16	616.0	31.95
		76.1	740.8	37.65	719.1	36.68	695.6	35.77	677.5	35.16	652.2	34.01	618.5	31.89
		152.1	756.5	37.95	728.8	36.68	703.5	35.77	687.8	35.16	660.1	33.40	628.1	31.64
		190.1	760.7	37.95	734.8	36.68	707.7	35.77	689.6	34.55	663.7	33.40	629.9	31.64
		228.2	762.8	37.95	737.8	36.68	709.8	35.77	690.5	34.25	665.5	33.40	630.8	31.64
	77	60.8	759.8	34.19	737.2	32.93	707.7	32.40	692.0	31.18	667.9	30.04	632.3	27.52
		76.1	761.3	34.13	737.2	32.80	707.7	32.25	692.0	31.04	667.9	29.89	632.3	27.52
		152.1	767.4	33.89	737.2	32.25	707.7	31.64	692.0	30.49	667.9	29.28	632.3	27.52
		190.1	771.0	33.89	737.2	32.37	707.7	31.04	692.0	30.49	667.9	28.73	632.3	26.98
		228.2	772.8	33.89	737.2	32.43	707.7	30.73	692.0	30.49	667.9	28.46	632.3	26.70
	86	60.8	771.0	31.18	737.2	30.04	707.7	28.89	692.0	28.28	667.9	26.52	632.3	24.77
		76.1	771.0	31.04	737.2	29.89	707.7	28.73	692.0	28.13	667.9	26.37	632.3	24.61
		152.1	771.0	30.49	737.2	29.28	707.7	28.13	692.0	27.52	667.9	25.76	632.3	24.01
		190.1	771.0	30.25	737.2	28.73	707.7	27.52	692.0	26.98	667.9	25.76	632.3	24.01
		228.2	771.0	30.13	737.2	28.46	707.7	27.22	692.0	26.70	667.9	25.76	632.3	24.01
	95	60.8	771.0	29.57	737.2	27.66	707.7	26.52	692.0	25.37	667.9	24.14	632.3	22.39
		76.1	771.0	29.28	737.2	27.52	707.7	26.37	692.0	25.22	667.9	24.01	632.3	22.25
		152.1	771.0	28.13	737.2	26.98	707.7	25.76	692.0	24.61	667.9	23.46	632.3	21.70
		190.1	771.0	27.40	737.2	26.37	707.7	25.22	692.0	24.61	667.9	23.46	632.3	21.70
		228.2	771.0	27.03	737.2	26.06	707.7	24.94	692.0	24.61	667.9	23.46	632.3	21.70
	104	60.8	771.0	27.81	737.2	26.66	707.7	24.90	692.0	23.61	667.9	22.39	632.3	20.63
		76.1	771.0	27.52	737.2	26.37	707.7	24.61	692.0	23.46	667.9	22.25	632.3	20.49
		152.1	771.0	26.37	737.2	25.22	707.7	23.46	692.0	22.85	667.9	21.70	632.3	19.94
		190.1	771.0	26.01	737.2	24.61	707.7	23.46	692.0	22.25	667.9	21.10	632.3	19.34
		228.2	771.0	25.82	737.2	24.31	707.7	23.46	692.0	21.94	667.9	20.79	632.3	19.03
	113	60.8	771.0	26.05	737.2	25.66	707.7	23.30	692.0	21.86	667.9	20.63	632.3	18.87
		76.1	771.0	25.76	737.2	25.22	707.7	22.85	692.0	21.70	667.9	20.49	632.3	18.73
		152.1	771.0	24.61	737.2	23.46	707.7	21.10	692.0	21.10	667.9	19.94	632.3	18.19
		190.1	771.0	24.61	737.2	22.85	707.7	21.70	692.0	19.94	667.9	18.73	632.3	16.97
		228.2	771.0	24.61	737.2	22.55	707.7	22.01	692.0	19.36	667.9	18.12	632.3	16.36

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN576DAS4, ARWB576DAS4

576,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
100	23	60.8	260.5	37.31	258.7	35.15	257.6	32.27	255.3	30.91	252.9	29.53	248.1	26.86
		76.1	269.4	37.95	267.6	35.83	266.4	32.98	264.0	31.58	261.6	30.19	256.8	27.46
		152.1	305.0	40.49	303.2	38.49	301.4	35.77	298.4	34.25	296.0	32.80	291.1	29.83
		190.1	337.0	43.10	334.5	41.16	332.7	38.55	329.7	36.98	327.3	35.34	321.3	32.13
		228.2	353.1	44.41	350.3	42.51	348.5	39.96	345.5	38.35	343.1	36.62	336.5	33.29
	32	60.8	465.6	51.04	455.4	49.53	445.9	47.27	438.1	45.27	430.2	43.34	415.3	39.34
		76.1	468.4	51.16	458.1	49.65	448.5	47.41	440.6	45.40	432.8	43.47	417.7	39.46
		152.1	479.2	51.65	469.0	50.13	458.7	47.95	450.9	45.95	443.1	43.95	427.4	39.95
		190.1	486.5	51.65	476.2	50.13	466.0	47.95	457.5	45.95	449.7	43.95	434.0	39.95
		228.2	490.1	51.65	479.8	50.13	469.6	47.95	460.9	45.95	453.0	43.95	437.4	39.95
	41	60.8	687.2	54.86	664.3	53.53	647.2	51.45	634.1	49.27	604.0	47.16	576.3	42.89
		76.1	689.6	55.10	665.5	53.77	647.4	51.71	634.1	49.53	604.0	47.41	576.3	43.10
		152.1	699.2	56.07	670.3	54.74	648.0	52.74	634.1	50.56	604.0	48.38	576.3	43.95
		190.1	703.5	56.44	672.1	55.10	648.0	53.10	634.1	50.92	604.0	48.68	576.3	44.25
		228.2	705.6	56.62	673.0	55.29	648.0	53.29	634.1	51.10	604.0	48.83	576.3	44.41
	50	60.8	690.9	49.05	666.4	47.98	648.0	46.48	634.1	44.92	604.0	42.69	576.3	39.05
		76.1	692.6	49.28	667.3	48.13	648.0	46.62	634.1	44.98	604.0	42.74	576.3	39.10
		152.1	699.2	50.19	670.9	48.74	648.0	47.16	634.1	45.22	604.0	42.92	576.3	39.28
		190.1	704.1	50.01	673.9	48.74	648.0	47.04	634.1	45.10	604.0	42.80	576.3	39.10
		228.2	706.5	49.92	675.4	48.74	648.0	46.98	634.1	45.04	604.0	42.74	576.3	39.01
	59	60.8	694.7	43.25	669.2	42.53	648.0	41.59	634.1	40.59	604.0	38.21	576.3	35.31
		76.1	695.6	43.47	669.7	42.56	648.0	41.59	634.1	40.43	604.0	38.07	576.3	35.16
		152.1	699.2	44.31	671.5	42.68	648.0	41.59	634.1	39.83	604.0	37.52	576.3	34.55
		190.1	705.3	43.59	675.1	42.31	648.0	41.04	634.1	39.28	604.0	36.92	576.3	34.01
		228.2	708.3	43.22	676.9	42.13	648.0	40.77	634.1	39.01	604.0	36.61	576.3	33.73
	68	60.8	698.5	36.99	672.9	36.04	648.0	35.16	634.1	34.69	604.0	32.40	576.3	30.80
		76.1	701.0	37.16	673.3	36.07	648.0	35.16	634.1	34.55	604.0	32.25	576.3	30.49
		152.1	711.3	37.83	675.1	36.19	648.0	35.16	634.1	34.01	604.0	31.64	576.3	29.28
		190.1	715.5	37.16	681.2	35.89	648.0	34.55	634.1	33.40	604.0	31.04	576.3	28.73
		228.2	717.6	36.82	684.2	35.73	648.0	34.25	634.1	33.10	604.0	30.73	576.3	28.46
	77	60.8	706.9	32.34	683.6	31.33	648.0	30.04	634.1	28.89	604.0	27.13	576.3	24.61
		76.1	709.5	32.37	683.6	31.16	648.0	29.89	634.1	28.73	604.0	26.98	576.3	24.61
		152.1	719.7	32.49	683.6	30.49	648.0	29.28	634.1	28.13	604.0	26.37	576.3	24.61
		190.1	723.3	31.77	683.6	30.25	648.0	28.73	634.1	27.52	604.0	26.37	576.3	24.01
		228.2	725.2	31.40	683.6	30.13	648.0	28.46	634.1	27.22	604.0	26.37	576.3	23.70
	86	60.8	723.3	29.42	683.6	27.13	648.0	25.28	634.1	24.77	604.0	22.85	576.3	21.86
		76.1	723.3	29.28	683.6	26.98	648.0	25.22	634.1	24.61	604.0	22.85	576.3	21.70
		152.1	723.3	28.73	683.6	26.37	648.0	24.98	634.1	24.01	604.0	22.85	576.3	21.10
		190.1	723.3	28.13	683.6	26.37	648.0	24.61	634.1	24.01	604.0	22.25	576.3	21.10
		228.2	723.3	27.82	683.6	26.37	648.0	24.43	634.1	24.01	604.0	21.94	576.3	21.10
	95	60.8	723.3	27.28	683.6	24.90	648.0	22.31	634.1	21.86	604.0	20.63	576.3	18.87
		76.1	723.3	26.98	683.6	24.61	648.0	22.25	634.1	21.70	604.0	20.49	576.3	18.73
		152.1	723.3	25.76	683.6	23.46	648.0	22.01	634.1	21.10	604.0	19.94	576.3	18.19
		190.1	723.3	25.76	683.6	23.46	648.0	21.70	634.1	21.10	604.0	19.94	576.3	18.19
		228.2	723.3	25.76	683.6	23.46	648.0	21.55	634.1	21.10	604.0	19.94	576.3	18.19
	104	60.8	723.3	25.52	683.6	23.14	648.0	20.01	634.1	19.49	604.0	18.34	576.3	17.11
		76.1	723.3	25.22	683.6	22.85	648.0	19.94	634.1	19.34	604.0	18.19	576.3	16.97
		152.1	723.3	24.01	683.6	21.70	648.0	19.70	634.1	18.73	604.0	17.58	576.3	16.43
		190.1	723.3	23.46	683.6	21.70	648.0	19.34	634.1	18.73	604.0	17.58	576.3	16.43
		228.2	723.3	23.19	683.6	21.70	648.0	19.15	634.1	18.73	604.0	17.58	576.3	16.43
	113	60.8	723.3	23.77	683.6	21.39	648.0	17.64	634.1	17.11	604.0	15.98	576.3	15.35
		76.1	723.3	23.46	683.6	21.10	648.0	17.58	634.1	16.97	604.0	15.82	576.3	15.22
		152.1	723.3	22.25	683.6	19.94	648.0	17.34	634.1	16.43	604.0	15.22	576.3	14.67
		190.1	723.3	21.10	683.6	19.94	648.0	16.97	634.1	16.43	604.0	15.22	576.3	14.67
		228.2	723.3	20.52	683.6	19.94	648.0	16.79	634.1	16.43	604.0	15.22	576.3	14.67

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN576DAS4, ARWB576DAS4

576,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
90	23	60.8	245.9	34.62	238.3	31.53	231.4	27.70	229.6	26.39	227.8	25.44	223.9	22.83
		76.1	254.4	35.22	246.5	32.13	239.3	28.31	237.5	26.98	235.7	26.01	231.5	23.34
		152.1	288.1	37.58	279.1	34.49	270.7	30.73	268.8	29.28	267.0	28.25	261.6	25.34
		190.1	318.3	39.95	308.0	36.92	299.0	33.16	296.6	31.58	294.8	30.43	289.3	27.34
		228.2	333.5	41.14	322.6	38.14	313.3	34.38	310.5	32.74	308.7	31.53	303.3	28.35
	32	60.8	439.9	47.16	419.5	44.25	400.2	40.63	394.4	38.75	387.7	37.30	373.3	33.49
		76.1	442.4	47.28	422.0	44.37	402.7	40.74	396.6	38.86	390.0	37.40	375.5	33.58
		152.1	452.7	47.77	431.6	44.86	412.3	41.16	405.7	39.28	399.0	37.83	384.6	33.95
		190.1	459.3	47.77	438.2	44.86	418.9	41.16	411.7	39.28	405.7	37.83	390.6	33.95
		228.2	462.7	47.77	441.6	44.86	422.3	41.16	414.7	39.28	409.0	37.83	393.6	33.95
	41	60.8	621.5	50.63	601.4	47.78	582.3	44.22	570.2	42.16	544.9	40.58	519.0	36.43
		76.1	622.1	50.86	601.0	48.01	582.3	44.43	570.2	42.37	544.9	40.80	519.0	36.61
		152.1	624.5	51.77	599.2	48.92	582.3	45.28	570.2	43.22	544.9	41.65	519.0	37.34
		190.1	628.1	52.07	601.0	49.22	582.3	45.65	570.2	43.53	544.9	41.95	519.0	37.65
		228.2	629.9	52.23	601.9	49.38	582.3	45.83	570.2	43.68	544.9	42.10	519.0	37.80
	50	60.8	624.8	44.71	603.6	42.51	582.3	40.02	570.2	38.39	544.9	36.83	519.0	33.19
		76.1	624.5	44.74	602.8	42.56	582.3	40.07	570.2	38.43	544.9	36.80	519.0	33.22
		152.1	623.3	44.86	599.8	42.74	582.3	40.25	570.2	38.62	544.9	36.68	519.0	33.34
		190.1	627.5	44.74	601.6	42.62	582.3	40.13	570.2	38.49	544.9	36.80	519.0	33.46
		228.2	629.6	44.68	602.5	42.56	582.3	40.07	570.2	38.43	544.9	36.86	519.0	33.52
	59	60.8	628.0	38.71	605.7	37.31	582.3	35.92	570.2	34.69	544.9	33.09	519.0	30.04
		76.1	626.9	38.55	604.6	37.16	582.3	35.77	570.2	34.55	544.9	32.80	519.0	29.89
		152.1	622.7	37.95	600.4	36.55	582.3	35.16	570.2	34.01	544.9	31.64	519.0	29.28
		190.1	626.9	37.40	602.2	36.01	582.3	34.55	570.2	33.40	544.9	31.64	519.0	29.28
		228.2	629.0	37.13	603.1	35.73	582.3	34.25	570.2	33.10	544.9	31.64	519.0	29.28
	68	60.8	631.7	32.67	608.2	31.74	582.3	30.65	570.2	29.42	544.9	28.42	519.0	26.66
		76.1	631.1	32.67	607.0	31.64	582.3	30.49	570.2	29.28	544.9	28.13	519.0	26.37
		152.1	628.7	32.67	602.2	31.28	582.3	29.89	570.2	28.73	544.9	26.98	519.0	25.22
		190.1	630.5	32.13	604.0	31.04	582.3	29.89	570.2	28.73	544.9	26.98	519.0	25.22
		228.2	631.4	31.85	604.9	30.92	582.3	29.89	570.2	28.73	544.9	26.98	519.0	25.22
	77	60.8	642.3	28.55	616.1	27.04	582.3	25.90	570.2	24.61	544.9	23.61	519.0	21.86
		76.1	643.8	28.49	616.1	26.98	582.3	25.76	570.2	24.61	544.9	23.46	519.0	21.70
		152.1	649.8	28.25	616.1	26.73	582.3	25.22	570.2	24.61	544.9	22.85	519.0	21.10
		190.1	652.2	27.52	616.1	26.13	582.3	25.22	570.2	24.01	544.9	22.85	519.0	21.10
		228.2	653.4	27.16	616.1	25.82	582.3	25.22	570.2	23.70	544.9	22.85	519.0	21.10
	86	60.8	652.2	25.90	616.1	24.14	582.3	22.39	570.2	21.86	544.9	20.63	519.0	18.73
		76.1	652.2	25.76	616.1	24.01	582.3	22.25	570.2	21.70	544.9	20.49	519.0	18.73
		152.1	652.2	25.22	616.1	23.46	582.3	21.70	570.2	21.10	544.9	19.94	519.0	18.73
		190.1	652.2	24.61	616.1	22.85	582.3	21.70	570.2	21.10	544.9	19.94	519.0	18.19
		228.2	652.2	24.31	616.1	22.55	582.3	21.70	570.2	21.10	544.9	19.94	519.0	17.91
	95	60.8	652.2	23.61	616.1	21.86	582.3	20.10	570.2	19.49	544.9	18.34	519.0	17.11
		76.1	652.2	23.46	616.1	21.70	582.3	19.94	570.2	19.34	544.9	18.19	519.0	16.97
		152.1	652.2	22.85	616.1	21.10	582.3	19.34	570.2	18.73	544.9	17.58	519.0	16.43
		190.1	652.2	22.25	616.1	20.49	582.3	18.73	570.2	18.19	544.9	17.58	519.0	16.43
		228.2	652.2	21.94	616.1	20.18	582.3	18.43	570.2	17.91	544.9	17.58	519.0	16.43
	104	60.8	652.2	22.01	616.1	20.10	582.3	17.73	570.2	17.11	544.9	16.58	519.0	15.35
		76.1	652.2	21.70	616.1	19.94	582.3	17.58	570.2	16.97	544.9	16.43	519.0	15.22
		152.1	652.2	20.49	616.1	19.34	582.3	16.97	570.2	16.43	544.9	15.82	519.0	14.67
		190.1	652.2	20.49	616.1	19.34	582.3	16.97	570.2	16.43	544.9	15.82	519.0	14.67
		228.2	652.2	20.49	616.1	19.34	582.3	16.97	570.2	16.43	544.9	15.82	519.0	14.67
	113	60.8	652.2	20.39	616.1	18.34	582.3	15.35	570.2	14.82	544.9	14.82	519.0	13.60
		76.1	652.2	19.94	616.1	18.19	582.3	15.22	570.2	14.67	544.9	14.67	519.0	13.46
		152.1	652.2	18.19	616.1	17.58	582.3	14.67	570.2	14.06	544.9	14.06	519.0	12.91
		190.1	652.2	18.73	616.1	18.19	582.3	15.22	570.2	14.67	544.9	14.06	519.0	12.91
		228.2	652.2	19.01	616.1	18.49	582.3	15.49	570.2	14.98	544.9	14.06	519.0	12.91

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN576DAS4, ARWB576DAS4

576,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
80	23	60.8	232.6	24.67	218.0	23.73	206.4	22.73	204.0	21.95	202.8	20.94	198.7	19.29
		76.1	240.5	25.22	225.4	24.25	213.4	23.22	211.0	22.43	209.8	21.40	205.6	19.70
		152.1	271.9	27.40	255.0	26.31	241.1	25.16	238.7	24.31	237.5	23.22	232.7	21.34
		190.1	300.8	29.52	281.5	28.37	266.4	27.16	263.4	26.25	262.2	25.04	256.8	23.04
		228.2	315.4	30.59	294.9	29.41	279.2	28.17	275.9	27.23	274.7	25.95	268.9	23.89
	32	60.8	415.1	36.20	382.9	34.75	356.5	33.31	349.9	32.16	345.1	30.64	332.0	28.23
		76.1	417.7	36.31	385.2	34.86	358.7	33.40	352.0	32.25	347.2	30.73	333.9	28.31
		152.1	428.0	36.74	394.2	35.28	367.1	33.77	360.5	32.61	355.6	31.10	341.8	28.61
		190.1	434.0	36.74	400.3	35.28	373.1	33.77	365.9	32.61	361.1	31.10	347.2	28.61
		228.2	437.0	36.74	403.3	35.28	376.2	33.77	368.6	32.61	363.8	31.10	349.9	28.61
	41	60.8	574.4	39.37	542.0	37.89	518.2	36.17	506.9	34.98	485.2	33.35	461.1	30.69
		76.1	575.7	39.59	543.1	38.07	518.4	36.37	506.9	35.16	485.2	33.52	461.1	30.86
		152.1	580.5	40.43	547.3	38.80	519.0	37.16	506.9	35.89	485.2	34.19	461.1	31.52
		190.1	580.5	40.68	546.7	39.10	519.0	37.40	506.9	36.13	485.2	34.43	461.1	31.70
		228.2	580.5	40.80	546.4	39.25	519.0	37.53	506.9	36.25	485.2	34.55	461.1	31.80
	50	60.8	577.5	36.24	544.3	34.60	518.2	32.84	506.9	31.93	485.2	30.23	461.1	27.99
		76.1	578.1	36.19	544.9	34.55	518.4	32.86	506.9	31.95	485.2	30.25	461.1	28.01
		152.1	580.5	36.01	547.3	34.37	519.0	32.92	506.9	32.01	485.2	30.31	461.1	28.07
		190.1	580.5	35.89	546.7	34.49	519.0	33.04	506.9	31.83	485.2	30.13	461.1	27.89
		228.2	580.5	35.83	546.4	34.55	519.0	33.10	506.9	31.73	485.2	30.04	461.1	27.79
	59	60.8	580.5	33.09	546.7	31.33	519.0	29.42	506.9	28.89	485.2	27.13	461.1	25.37
		76.1	580.5	32.80	546.7	31.04	519.0	29.28	506.9	28.73	485.2	26.98	461.1	25.22
		152.1	580.5	31.64	546.7	29.89	519.0	28.73	506.9	28.13	485.2	26.37	461.1	24.61
		190.1	580.5	31.04	546.7	29.89	519.0	28.73	506.9	27.52	485.2	25.76	461.1	24.01
		228.2	580.5	30.73	546.7	29.89	519.0	28.73	506.9	27.22	485.2	25.46	461.1	23.70
	68	60.8	580.5	27.66	546.7	26.52	519.0	25.22	506.9	24.77	485.2	23.61	461.1	21.86
		76.1	580.5	27.52	546.7	26.37	519.0	25.22	506.9	24.61	485.2	23.46	461.1	21.70
		152.1	580.5	26.98	546.7	25.76	519.0	25.22	506.9	24.01	485.2	22.85	461.1	21.10
		190.1	580.5	26.37	546.7	25.22	519.0	24.61	506.9	24.01	485.2	22.25	461.1	21.10
		228.2	580.5	26.06	546.7	24.94	519.0	24.31	506.9	24.01	485.2	21.94	461.1	21.10
	77	60.8	580.5	24.77	546.7	23.01	519.0	21.70	506.9	21.25	485.2	20.10	461.1	18.87
		76.1	580.5	24.61	546.7	22.85	519.0	21.70	506.9	21.10	485.2	19.94	461.1	18.73
		152.1	580.5	24.01	546.7	22.25	519.0	21.70	506.9	20.49	485.2	19.34	461.1	18.19
		190.1	580.5	23.46	546.7	22.25	519.0	21.10	506.9	20.49	485.2	19.34	461.1	18.19
		228.2	580.5	23.19	546.7	22.25	519.0	20.79	506.9	20.49	485.2	19.34	461.1	18.19
	86	60.8	580.5	21.86	546.7	20.63	519.0	19.49	506.9	18.87	485.2	17.73	461.1	16.58
		76.1	580.5	21.70	546.7	20.49	519.0	19.34	506.9	18.73	485.2	17.58	461.1	16.43
		152.1	580.5	21.10	546.7	19.94	519.0	18.73	506.9	18.19	485.2	16.97	461.1	15.82
		190.1	580.5	21.10	546.7	19.94	519.0	18.73	506.9	18.19	485.2	16.97	461.1	15.82
		228.2	580.5	21.10	546.7	19.94	519.0	18.73	506.9	18.19	485.2	16.97	461.1	15.82
	95	60.8	580.5	20.10	546.7	18.87	519.0	17.11	506.9	16.43	485.2	15.98	461.1	14.67
		76.1	580.5	19.94	546.7	18.73	519.0	16.97	506.9	16.43	485.2	15.82	461.1	14.67
		152.1	580.5	19.34	546.7	18.19	519.0	16.43	506.9	16.43	485.2	15.22	461.1	14.67
		190.1	580.5	19.34	546.7	17.58	519.0	16.43	506.9	15.82	485.2	15.22	461.1	14.06
		228.2	580.5	19.34	546.7	17.27	519.0	16.43	506.9	15.52	485.2	15.22	461.1	13.76
	104	60.8	580.5	19.02	546.7	17.11	519.0	15.22	506.9	15.35	485.2	14.06	461.1	13.60
		76.1	580.5	18.73	546.7	16.97	519.0	15.22	506.9	15.22	485.2	14.06	461.1	13.46
		152.1	580.5	17.58	546.7	16.43	519.0	15.22	506.9	14.67	485.2	14.06	461.1	12.91
		190.1	580.5	17.58	546.7	16.43	519.0	14.67	506.9	14.67	485.2	14.06	461.1	12.91
		228.2	580.5	17.58	546.7	16.43	519.0	14.40	506.9	14.67	485.2	14.06	461.1	12.91
	113	60.8	580.5	18.02	546.7	15.35	519.0	13.30	506.9	14.35	485.2	12.15	461.1	12.60
		76.1	580.5	17.58	546.7	15.22	519.0	13.46	506.9	14.06	485.2	12.31	461.1	12.31
		152.1	580.5	15.82	546.7	14.67	519.0	14.06	506.9	12.91	485.2	12.91	461.1	11.15
		190.1	580.5	15.82	546.7	15.22	519.0	12.91	506.9	13.46	485.2	12.91	461.1	11.70
		228.2	580.5	15.82	546.7	15.49	519.0	12.33	506.9	13.73	485.2	12.91	461.1	11.97

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN576DAS4, ARWB576DAS4

576,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
70	23	60.8	202.8	21.18	190.6	20.17	180.2	19.52	178.4	18.39	177.2	17.74	174.3	16.14
		76.1	209.8	21.64	197.1	20.61	186.3	19.94	184.5	18.79	183.2	18.13	180.2	16.49
		152.1	237.5	23.46	223.0	22.37	210.4	21.64	208.6	20.37	207.4	19.64	203.7	17.88
		190.1	262.8	25.34	246.5	24.13	232.7	23.34	230.9	21.94	229.1	21.22	224.8	19.28
		228.2	275.6	26.29	258.4	25.01	243.9	24.19	242.1	22.74	240.0	22.01	235.5	19.98
	32	60.8	363.2	31.01	335.6	29.57	311.6	28.58	306.2	26.90	301.4	25.99	290.7	23.64
		76.1	365.3	31.10	337.6	29.64	313.5	28.67	308.0	26.98	303.2	26.07	292.4	23.70
		152.1	373.7	31.46	345.4	29.95	320.7	29.04	315.3	27.28	310.4	26.37	299.0	23.95
		190.1	379.2	31.46	350.8	29.95	325.5	29.04	320.1	27.28	315.3	26.37	303.8	23.95
		228.2	381.9	31.46	353.6	29.95	327.9	29.04	322.5	27.28	317.7	26.37	306.2	23.95
	41	60.8	501.7	33.78	475.3	32.14	452.5	31.11	443.1	29.32	423.2	28.28	403.3	25.69
		76.1	502.7	33.95	476.2	32.31	452.7	31.28	443.1	29.46	423.2	28.43	403.3	25.82
		152.1	506.9	34.61	479.8	32.98	453.3	31.95	443.1	30.01	423.2	29.04	403.3	26.37
		190.1	506.9	34.86	479.2	33.22	453.3	32.19	443.1	30.25	423.2	29.22	403.3	26.55
		228.2	506.9	34.98	478.9	33.34	453.3	32.31	443.1	30.37	423.2	29.31	403.3	26.64
	50	60.8	503.9	31.10	477.0	29.40	453.3	28.31	443.1	26.73	423.2	25.64	403.3	23.46
		76.1	504.5	31.04	477.4	29.34	453.3	28.25	443.1	26.73	423.2	25.64	403.3	23.46
		152.1	506.9	30.80	479.2	29.10	453.3	28.01	443.1	26.73	423.2	25.64	403.3	23.46
		190.1	506.9	30.92	479.2	29.22	453.3	28.13	443.1	26.85	423.2	25.46	403.3	23.52
		228.2	506.9	30.98	479.2	29.28	453.3	28.19	443.1	26.92	423.2	25.37	403.3	23.55
	59	60.8	506.9	28.42	479.2	26.66	453.3	25.52	443.1	24.14	423.2	23.01	403.3	21.25
		76.1	506.9	28.13	479.2	26.37	453.3	25.22	443.1	24.01	423.2	22.85	403.3	21.10
		152.1	506.9	26.98	479.2	25.22	453.3	24.01	443.1	23.46	423.2	22.25	403.3	20.49
		190.1	506.9	26.98	479.2	25.22	453.3	24.01	443.1	23.46	423.2	21.70	403.3	20.49
		228.2	506.9	26.98	479.2	25.22	453.3	24.01	443.1	23.46	423.2	21.43	403.3	20.49
	68	60.8	506.9	23.61	479.2	22.39	453.3	21.86	443.1	21.25	423.2	20.10	403.3	18.87
		76.1	506.9	23.46	479.2	22.25	453.3	21.70	443.1	21.10	423.2	19.94	403.3	18.73
		152.1	506.9	22.85	479.2	21.70	453.3	21.10	443.1	20.49	423.2	19.34	403.3	18.19
		190.1	506.9	22.85	479.2	21.70	453.3	21.10	443.1	19.94	423.2	19.34	403.3	17.58
		228.2	506.9	22.85	479.2	21.70	453.3	21.10	443.1	19.67	423.2	19.34	403.3	17.27
	77	60.8	506.9	21.25	479.2	20.10	453.3	18.87	443.1	18.34	423.2	16.97	403.3	15.82
		76.1	506.9	21.10	479.2	19.94	453.3	18.73	443.1	18.19	423.2	16.97	403.3	15.82
		152.1	506.9	20.49	479.2	19.34	453.3	18.19	443.1	17.58	423.2	16.97	403.3	15.82
		190.1	506.9	19.94	479.2	18.73	453.3	18.19	443.1	17.58	423.2	16.43	403.3	15.82
		228.2	506.9	19.67	479.2	18.43	453.3	18.19	443.1	17.58	423.2	16.15	403.3	15.82
	86	60.8	506.9	18.87	479.2	17.73	453.3	16.58	443.1	15.82	423.2	15.35	403.3	14.06
		76.1	506.9	18.73	479.2	17.58	453.3	16.43	443.1	15.82	423.2	15.22	403.3	14.06
		152.1	506.9	18.19	479.2	16.97	453.3	15.82	443.1	15.82	423.2	14.67	403.3	14.06
		190.1	506.9	18.19	479.2	16.97	453.3	15.82	443.1	15.22	423.2	14.67	403.3	14.06
		228.2	506.9	18.19	479.2	16.97	453.3	15.82	443.1	14.91	423.2	14.67	403.3	14.06
	95	60.8	506.9	17.11	479.2	15.98	453.3	14.67	443.1	14.82	423.2	13.46	403.3	13.07
		76.1	506.9	16.97	479.2	15.82	453.3	14.67	443.1	14.67	423.2	13.46	403.3	12.91
		152.1	506.9	16.43	479.2	15.22	453.3	14.67	443.1	14.06	423.2	13.46	403.3	12.31
		190.1	506.9	16.43	479.2	15.22	453.3	14.06	443.1	14.06	423.2	13.46	403.3	12.31
		228.2	506.9	16.43	479.2	15.22	453.3	13.76	443.1	14.06	423.2	13.46	403.3	12.31
	104	60.8	506.9	15.98	479.2	14.82	453.3	13.60	443.1	12.91	423.2	12.31	403.3	11.84
		76.1	506.9	15.82	479.2	14.67	453.3	13.46	443.1	12.91	423.2	12.31	403.3	11.70
		152.1	506.9	15.22	479.2	14.06	453.3	12.91	443.1	12.91	423.2	12.31	403.3	11.15
		190.1	506.9	15.22	479.2	14.06	453.3	12.91	443.1	12.31	423.2	11.70	403.3	11.15
		228.2	506.9	15.22	479.2	14.06	453.3	12.91	443.1	12.00	423.2	11.39	403.3	11.15
	113	60.8	506.9	14.82	479.2	13.60	453.3	12.60	443.1	11.02	423.2	11.15	403.3	10.70
		76.1	506.9	14.67	479.2	13.46	453.3	12.31	443.1	11.15	423.2	11.15	403.3	10.55
		152.1	506.9	14.06	479.2	12.91	453.3	11.15	443.1	11.70	423.2	11.15	403.3	9.94
		190.1	506.9	14.06	479.2	12.91	453.3	11.70	443.1	10.55	423.2	9.94	403.3	9.94
		228.2	506.9	14.06	479.2	12.91	453.3	11.97	443.1	9.97	423.2	9.33	403.3	9.94

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN576DAS4, ARWB576DAS4

576,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
60	23	60.8	174.1	17.20	163.1	16.55	154.4	15.89	152.6	14.77	152.0	14.53	149.1	12.99
		76.1	180.2	17.58	168.8	16.91	159.7	16.25	157.9	15.09	157.3	14.85	154.3	13.28
		152.1	204.3	19.10	191.1	18.37	180.8	17.64	179.0	16.37	178.4	16.13	174.8	14.43
		190.1	225.4	20.55	211.0	19.82	200.1	19.03	197.7	17.70	197.1	17.40	192.9	15.52
		228.2	236.1	21.28	221.0	20.56	209.8	19.74	207.1	18.37	206.5	18.04	202.0	16.07
	32	60.8	311.6	25.20	287.1	24.31	267.8	23.26	262.5	21.64	258.9	21.34	249.4	19.05
		76.1	313.5	25.28	288.7	24.37	269.4	23.34	264.0	21.70	260.4	21.40	250.8	19.10
		152.1	320.7	25.58	295.4	24.61	276.1	23.64	270.1	21.94	266.4	21.64	256.2	19.28
		190.1	325.5	25.58	300.2	24.61	280.3	23.64	274.3	21.94	270.7	21.64	260.4	19.28
		228.2	327.9	25.58	302.6	24.61	282.4	23.64	276.4	21.94	272.8	21.64	262.5	19.28
	41	60.8	430.7	27.44	406.1	26.41	389.4	25.32	379.8	23.58	363.5	23.22	346.0	20.69
		76.1	431.6	27.58	406.9	26.55	389.4	25.46	379.8	23.70	363.5	23.34	346.0	20.79
		152.1	435.2	28.13	409.9	27.10	389.4	26.01	379.8	24.19	363.5	23.82	346.0	21.22
		190.1	435.2	28.37	409.3	27.28	389.4	26.19	379.8	24.37	363.5	23.95	346.0	21.40
		228.2	435.2	28.49	409.0	27.37	389.4	26.28	379.8	24.46	363.5	24.01	346.0	21.49
	50	60.8	432.9	25.22	407.6	24.13	389.4	22.98	379.8	21.46	363.5	21.05	346.0	18.87
		76.1	433.4	25.22	408.1	24.13	389.4	22.98	379.8	21.52	363.5	21.04	346.0	18.91
		152.1	435.2	25.22	409.9	24.13	389.4	22.98	379.8	21.76	363.5	20.97	346.0	19.10
		190.1	435.2	25.28	409.3	23.88	389.4	22.73	379.8	21.52	363.5	20.79	346.0	18.91
		228.2	435.2	25.31	409.0	23.76	389.4	22.61	379.8	21.40	363.5	20.70	346.0	18.82
	59	60.8	435.2	23.01	409.3	21.86	389.4	20.63	379.8	19.34	363.5	18.87	346.0	16.97
		76.1	435.2	22.85	409.3	21.70	389.4	20.49	379.8	19.34	363.5	18.73	346.0	16.97
		152.1	435.2	22.25	409.3	21.10	389.4	19.94	379.8	19.34	363.5	18.19	346.0	16.97
		190.1	435.2	22.25	409.3	20.49	389.4	19.34	379.8	18.73	363.5	17.58	346.0	16.43
		228.2	435.2	22.25	409.3	20.18	389.4	19.03	379.8	18.43	363.5	17.27	346.0	16.15
	68	60.8	435.2	20.10	409.3	18.87	389.4	17.73	379.8	17.11	363.5	16.58	346.0	15.35
		76.1	435.2	19.94	409.3	18.73	389.4	17.58	379.8	16.97	363.5	16.43	346.0	15.22
		152.1	435.2	19.34	409.3	18.19	389.4	16.97	379.8	16.43	363.5	15.82	346.0	14.67
		190.1	435.2	19.34	409.3	18.19	389.4	16.97	379.8	16.43	363.5	15.82	346.0	14.67
		228.2	435.2	19.34	409.3	18.19	389.4	16.97	379.8	16.43	363.5	15.82	346.0	14.67
	77	60.8	435.2	17.73	409.3	16.58	389.4	15.22	379.8	15.35	363.5	14.06	346.0	13.60
		76.1	435.2	17.58	409.3	16.43	389.4	15.22	379.8	15.22	363.5	14.06	346.0	13.46
		152.1	435.2	16.97	409.3	15.82	389.4	15.22	379.8	14.67	363.5	14.06	346.0	12.91
		190.1	435.2	16.97	409.3	15.82	389.4	14.67	379.8	14.67	363.5	14.06	346.0	12.91
		228.2	435.2	16.97	409.3	15.82	389.4	14.40	379.8	14.67	363.5	14.06	346.0	12.91
	86	60.8	435.2	15.98	409.3	14.82	389.4	14.22	379.8	13.60	363.5	13.07	346.0	12.46
		76.1	435.2	15.82	409.3	14.67	389.4	14.06	379.8	13.46	363.5	12.91	346.0	12.31
		152.1	435.2	15.22	409.3	14.06	389.4	13.46	379.8	12.91	363.5	12.31	346.0	11.70
		190.1	435.2	15.22	409.3	14.06	389.4	13.46	379.8	12.91	363.5	12.31	346.0	11.70
		228.2	435.2	15.22	409.3	14.06	389.4	13.46	379.8	12.91	363.5	12.31	346.0	11.70
	95	60.8	435.2	14.06	409.3	13.60	389.4	12.31	379.8	12.46	363.5	11.84	346.0	11.31
		76.1	435.2	14.06	409.3	13.46	389.4	12.31	379.8	12.31	363.5	11.70	346.0	11.15
		152.1	435.2	14.06	409.3	12.91	389.4	12.31	379.8	11.70	363.5	11.15	346.0	10.55
		190.1	435.2	14.06	409.3	12.91	389.4	11.70	379.8	11.70	363.5	11.15	346.0	10.55
		228.2	435.2	14.06	409.3	12.91	389.4	11.39	379.8	11.70	363.5	11.15	346.0	10.55
	104	60.8	435.2	12.91	409.3	12.46	389.4	11.15	379.8	11.31	363.5	10.70	346.0	9.94
		76.1	435.2	12.91	409.3	12.31	389.4	11.15	379.8	11.15	363.5	10.55	346.0	9.94
		152.1	435.2	12.91	409.3	11.70	389.4	11.15	379.8	10.55	363.5	9.94	346.0	9.94
		190.1	435.2	12.91	409.3	11.70	389.4	11.15	379.8	10.55	363.5	9.94	346.0	9.94
		228.2	435.2	12.91	409.3	11.70	389.4	11.15	379.8	10.55	363.5	9.94	346.0	9.94
	113	60.8	435.2	11.70	409.3	11.31	389.4	9.94	379.8	10.08	363.5	9.55	346.0	8.64
		76.1	435.2	11.70	409.3	11.15	389.4	9.94	379.8	9.94	363.5	9.40	346.0	8.79
		152.1	435.2	11.70	409.3	10.55	389.4	9.94	379.8	9.40	363.5	8.79	346.0	9.40
		190.1	435.2	11.70	409.3	10.55	389.4	10.55	379.8	9.40	363.5	8.79	346.0	9.40
		228.2	435.2	11.70	409.3	10.55	389.4	10.85	379.8	9.40	363.5	8.79	346.0	9.40

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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HEATING CAPACITY DATA

ARWN576DAS4, ARWB576DAS4

576,000 Btu/h, 460V Heat Pump and Heat Recovery Units

Combination Ratio (%) (Capacity Index)	Inlet Water Temp (°F)	Water Flow Rate (gpm)	Indoor Air Temperature (°F DB)											
			61		65		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
50	23	60.8	145.2	13.71	136.5	12.99	128.8	12.29	127.0	11.62	126.4	10.91	124.1	10.33
		76.1	150.1	14.00	141.1	13.28	133.2	12.55	131.4	11.88	130.8	11.15	128.4	10.55
		152.1	169.4	15.16	159.1	14.43	150.7	13.58	148.9	12.91	148.3	12.12	145.3	11.40
		190.1	187.5	16.37	176.0	15.52	166.4	14.67	164.6	13.94	163.4	13.03	160.9	12.31
		228.2	196.6	16.98	184.5	16.07	174.3	15.22	172.5	14.46	171.0	13.49	168.8	12.76
	32	60.8	258.9	20.08	239.7	19.05	222.9	17.94	218.0	17.03	215.0	16.02	207.3	15.11
		76.1	260.4	20.13	241.1	19.10	224.2	18.00	219.4	17.10	216.4	16.06	208.6	15.16
		152.1	266.4	20.31	246.5	19.28	229.7	18.25	224.8	17.34	221.8	16.25	213.4	15.34
		190.1	270.7	20.31	250.2	19.28	232.7	18.25	228.5	17.34	224.8	16.25	217.0	15.34
		228.2	272.8	20.31	252.0	19.28	234.2	18.25	230.3	17.34	226.4	16.25	218.8	15.34
	41	60.8	357.9	21.84	339.4	20.69	323.5	19.53	315.9	18.58	302.0	17.44	288.1	16.40
		76.1	358.7	21.94	340.0	20.79	323.7	19.64	315.9	18.67	302.0	17.52	288.1	16.49
		152.1	361.7	22.37	342.4	21.22	324.3	20.07	315.9	19.03	302.0	17.82	288.1	16.85
		190.1	361.7	22.55	341.8	21.40	324.3	20.19	315.9	19.16	302.0	18.00	288.1	16.97
		228.2	361.7	22.64	341.5	21.49	324.3	20.25	315.9	19.22	302.0	18.10	288.1	17.03
	50	60.8	360.2	20.10	340.1	18.93	323.5	17.79	315.9	17.00	302.0	15.72	288.1	15.00
		76.1	360.5	20.07	340.6	18.91	323.7	17.76	315.9	16.97	302.0	15.76	288.1	14.97
		152.1	361.7	19.94	342.4	18.85	324.3	17.64	315.9	16.85	302.0	15.94	288.1	14.85
		190.1	361.7	20.07	341.8	18.91	324.3	17.70	315.9	16.91	302.0	15.70	288.1	14.91
		228.2	361.7	20.13	341.5	18.94	324.3	17.73	315.9	16.94	302.0	15.58	288.1	14.94
	59	60.8	361.7	18.34	341.8	17.11	324.3	15.98	315.9	15.35	302.0	14.06	288.1	13.60
		76.1	361.7	18.19	341.8	16.97	324.3	15.82	315.9	15.22	302.0	14.06	288.1	13.46
		152.1	361.7	17.58	341.8	16.43	324.3	15.22	315.9	14.67	302.0	14.06	288.1	12.91
		190.1	361.7	17.58	341.8	16.43	324.3	15.22	315.9	14.67	302.0	13.46	288.1	12.91
		228.2	361.7	17.58	341.8	16.43	324.3	15.22	315.9	14.67	302.0	13.15	288.1	12.91
	68	60.8	361.7	15.98	341.8	14.82	324.3	14.22	315.9	13.60	302.0	13.07	288.1	11.70
		76.1	361.7	15.82	341.8	14.67	324.3	14.06	315.9	13.46	302.0	12.91	288.1	11.70
		152.1	361.7	15.22	341.8	14.06	324.3	13.46	315.9	12.91	302.0	12.31	288.1	11.70
		190.1	361.7	15.22	341.8	14.06	324.3	13.46	315.9	12.91	302.0	12.31	288.1	11.70
		228.2	361.7	15.22	341.8	14.06	324.3	13.46	315.9	12.91	302.0	12.31	288.1	11.70
	77	60.8	361.7	14.22	341.8	12.91	324.3	12.46	315.9	11.70	302.0	11.15	288.1	10.55
		76.1	361.7	14.06	341.8	12.91	324.3	12.31	315.9	11.70	302.0	11.15	288.1	10.55
		152.1	361.7	13.46	341.8	12.91	324.3	11.70	315.9	11.70	302.0	11.15	288.1	10.55
		190.1	361.7	13.46	341.8	12.91	324.3	11.70	315.9	11.70	302.0	11.15	288.1	10.55
		228.2	361.7	13.46	341.8	12.91	324.3	11.70	315.9	11.70	302.0	11.15	288.1	10.55
	86	60.8	361.7	13.07	341.8	11.84	324.3	11.31	315.9	10.55	302.0	10.70	288.1	10.08
		76.1	361.7	12.91	341.8	11.70	324.3	11.15	315.9	10.55	302.0	10.55	288.1	9.94
		152.1	361.7	12.31	341.8	11.15	324.3	10.55	315.9	10.55	302.0	9.94	288.1	9.40
		190.1	361.7	12.31	341.8	11.15	324.3	10.55	315.9	10.55	302.0	9.94	288.1	9.40
		228.2	361.7	12.31	341.8	11.15	324.3	10.55	315.9	10.55	302.0	9.94	288.1	9.40
	95	60.8	361.7	11.84	341.8	10.55	324.3	9.94	315.9	10.08	302.0	9.40	288.1	8.79
		76.1	361.7	11.70	341.8	10.55	324.3	9.94	315.9	9.94	302.0	9.40	288.1	8.79
		152.1	361.7	11.15	341.8	10.55	324.3	9.94	315.9	9.40	302.0	9.40	288.1	8.79
		190.1	361.7	11.15	341.8	10.55	324.3	9.94	315.9	9.40	302.0	9.40	288.1	8.79
		228.2	361.7	11.15	341.8	10.55	324.3	9.94	315.9	9.40	302.0	9.40	288.1	8.79
	104	60.8	361.7	10.70	341.8	10.08	324.3	9.55	315.9	8.79	302.0	8.94	288.1	8.18
		76.1	361.7	10.55	341.8	9.94	324.3	9.40	315.9	8.79	302.0	8.79	288.1	8.18
		152.1	361.7	9.94	341.8	9.40	324.3	8.79	315.9	8.79	302.0	8.18	288.1	8.18
		190.1	361.7	9.94	341.8	9.40	324.3	8.79	315.9	8.79	302.0	8.18	288.1	8.18
		228.2	361.7	9.94	341.8	9.40	324.3	8.79	315.9	8.79	302.0	8.18	288.1	8.18
	113	60.8	361.7	9.55	341.8	9.70	324.3	9.08	315.9	7.50	302.0	8.47	288.1	7.64
		76.1	361.7	9.40	341.8	9.40	324.3	8.79	315.9	7.64	302.0	8.18	288.1	7.64
		152.1	361.7	8.79	341.8	8.18	324.3	7.64	315.9	8.18	302.0	7.03	288.1	7.64
		190.1	361.7	8.79	341.8	8.18	324.3	7.64	315.9	8.18	302.0	7.03	288.1	7.64
		228.2	361.7	8.79	341.8	8.18	324.3	7.64	315.9	8.18	302.0	7.03	288.1	7.64

TC = Total Capacity (MBh).

PI = Power Input (kW) (includes compressor and controls).

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

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CORRECTION FACTORS

WSU Capacity Correction Factors 337

WSU Cooling/Heating Capacity Correction Factor Calculation 339

Cooling and Heating Correction Factor Tables 340

WSU Capacity Correction Factors

Note:

The LATS software program calculates these correction factors. Use this procedure only when performing manual calculations.

The nominal heating and/or cooling capacities of WSU(s) can be reduced by the design of the refrigerant piping system. Parameters that can reduce nominal capacity are the following:

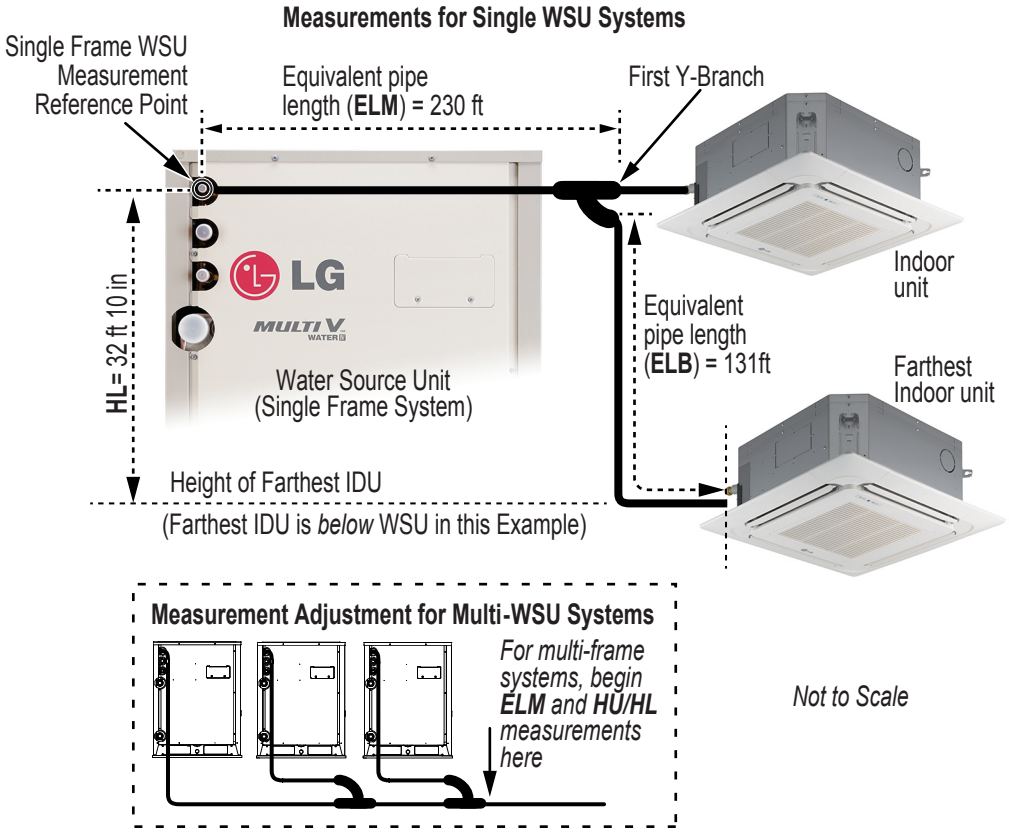
- Length of the liquid refrigerant pipe run to the farthest IDU (vapor pipes do not affect this calculation)
- Number and type of components in this liquid pipe run (elbows, Y-branches, etc.)
- Distance above or below the WSU(s) of the farthest IDU

To determine WSU capacity in your system design, multiply the WSU cooling and heating nominal capacities by the correction factors calculated in this procedure. The correction factor could be 1.0, resulting in no capacity loss, or could be less than 1.0, resulting in a certain amount of capacity loss. If the cooling or heating correction factor causes reduced capacity, the system designer must determine if the reduced capacity is acceptable or if redesign is required.

Two parameters determine WSU cooling and heating correction factors:

1. Height in feet above (HU) or below (HL) the WSU of the IDU farthest away from the WSU. Follow the procedure in the "HU/HL Measurement" section to find this parameter.
2. Total equivalent length (TEL) in feet of the liquid refrigerant pipe between the WSU and the IDU farthest away from the WSU. Equivalent length considers the effect of pressure drop due to components such as elbows and Y-branches. Equivalent feet will be a larger number than the measured physical distance in feet. Follow the procedure in the "Liquid Pipe Total Equivalent Length Calculation" section to find this parameter.
3. After determining the HU/HL and TEL parameters, follow the procedure in the "WSU Cooling/Heating Capacity Correction Factor Calculation" section to determine if the proposed refrigerant pipe design and WSU/IDU locations will reduce WSU capacity.

Figure 1: Equivalent Pipe Length Measurements Example.



HU/HL Measurement

Follow this procedure to determine the value of HU (farthest IDU above WSU) or HL (farthest IDU below WSU). Refer to the figure above .

1. Based on your system's refrigerant pipe design, determine which IDU is the farthest from the WSU.
2. Determine the vertical distance in feet between the WSU and the farthest IDU. For a single WSU system, measure from the WSU liquid pipe connection. For a dual or triple WSU system, measure from the end of the last multi-frame connector. At the IDU end, measure to the IDU's liquid pipe connection.
3. Record the vertical distance measurement in feet, and note if the IDU is above the WSU (HU) or below the WSU (HL).
4. Proceed to the total equivalent pipe length calculation.

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Liquid Pipe Total Equivalent Length Calculation

A Multi V system may have many liquid refrigerant pipe runs, each composed of multiple segments, elbows, and other components, but the single pipe run that determines TEL is the run from the WSU(s) through the first Y-branch, to the farthest IDU. The TEL of this pipe run is its physical length plus an amount of "length" added to represent the effect of pressure drop due to elbows, Y-branches, headers, and other pipe system components.

Use this formula to calculate TEL:

TEL = (ELM x CF) + ELB, where:

TEL = total equivalent length of the liquid refrigerant pipe
ELM = equivalent length of the liquid refrigerant pipe to end of first Y-branch
CF = pipe length correction factor
ELB = equivalent length of the liquid refrigerant pipe from end of first Y-branch to farthest IDU

The ELM and ELB parameters will vary according to the system design. CF is a constant and is listed in the table on the next page. Determine ELM and ELB and then use the TEL formula to calculate total equivalent length.

Follow these steps to calculate ELM. Refer to the "Equivalent Pipe Length Measurements Example" figure.

1. Determine the beginning measurement reference point at the WSU end of the liquid refrigerant pipe.
   - For a single WSU system, begin the measurement at the WSU's liquid refrigerant pipe connection (smallest diameter pipe, closest to top of unit).
   - For a dual or triple WSU system, begin the measurement at the end of the last multi-frame connector.
2. Locate the first Y-branch in the liquid pipe.
3. Measure the length in feet of this liquid pipe run. Measure along the length of the pipe, following any changes in direction. Record this value.
4. Count the number of elbow connectors in the pipe measured in step 3. Determine the outside diameter (OD) of the elbow connectors. All elbows in this segment should have the same OD.
5. Refer to the table below and find the equivalent length for this size of elbow connector. Multiply the number of elbows by the equivalent length in feet. Record this value.
6. Add the physical measurement found in step 3, the elbow connector value found in step 5, and 1.6 ft. for the first Y-branch. The result is the equivalent length in feet of this section of pipe, and is the **ELM** parameter of the total equivalent length equation.

Follow these steps to calculate ELB. Refer to the "Equivalent Pipe Length Measurements Example" figure.

1. Measure the distance in feet from the end of the first liquid pipe Y-branch to the liquid pipe connection of the farthest IDU. Measure along the length of the pipe, following any changes in direction. Record this value.
2. Count the number of elbow connectors in the liquid pipe run measured in step 1. If there is more than one size of elbow connector, count the number of each size. Determine the outside diameter (OD) of each size of elbow connector.
3. Refer to the table below and find the equivalent length for each size of elbow connector. Multiply the number of each size of elbow by its equivalent length. Add these equivalent length values to determine a total equivalent length for elbow connectors. Record this value.
4. Count the number of Y-branches in the liquid pipe run measured in step 1. Multiply the number of Y-branches by 1.6 to determine their equivalent length in feet. Record this value. If there are no Y-branches, the value is zero.

Table 1: Equivalent Piping Length for Elbow Pipe Connectors.

Equivalent Lengths of Elbow Pipe Connectors															
Elbow (90° or 45°)	Size, inches OD	1/4	3/8	1/2	5/8	3/4	7/8	1	1-1/8	1-1/4	1-3/8	1-1/2	1-5/8	1-3/4	2-1/8
	Equivalent Length (ft.)	0.5	0.6	0.7	0.8	1.2	1.3	1.5	1.6	1.8	2.0	2.1	2.3	2.5	2.8
Y-branch (ft.)		1.6													
Header (ft.)		3.3													
Heat Recovery Unit (ft.) (For ARWB Heat Recovery Units only)		8.2													

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Steps to calculate ELB, continued.

5. Count the number of headers in the liquid pipe run measured in step 1. Multiply the number of headers by 3.3 to determine their equivalent length in feet. Record this value. If there are no headers, the value is zero.

6. Count the number of heat recovery units in the liquid pipe run measured in step 1. Multiply the number of heat recovery units by 8.2 to determine their equivalent length in feet. Record this value. If there are no heat recovery units, the value is zero.

7. Add the physical measurement found in step 1, the elbow connector value found in step 3, the Y-branch value found in step 4, the header value found in step 5 and the heat recovery unit value found in step 6. The result is the equivalent length in feet of this liquid pipe run, and is the **ELB** parameter of the total equivalent length equation.

Follow these steps to calculate TEL.

1. Multiply ELM by in feet to ELB in feet. This value is the equivalent length in feet of this section of refrigerant pipe.
2. Refer to the table below to find the equivalent length correction factor (**CF**) for cooling or heading mode.
3. Use the equation below with the HU/HL, ELB, and CF parameters to calculate total equivalent pipe length. Record this value.

Total Equivalent Length (TEL) in feet = [(ELM in feet) x (CF from Table below)] + (ELB in feet)

Table 2: Equivalent Pipe Length Correction Factors.

If Equivalent Pipe Length (ELM + ELB) is:	
Less than 295 ft, Correction Factor (CF) is:	295 ft or More Correction Factor (CF) is:
1.0 for Cooling	0.5 for Cooling
1.0 for Heating	0.2 for Heating

WSU Cooling/Heating Capacity Correction Factor Calculation

Follow this procedure to determine the system's WSU corrected capacity. You must have the results of the HU/HL Measurement procedure and the Total Equivalent Pipe Length Calculation procedure to accurately calculate the correction factors. If the cooling or heating correction factor causes reduced capacity, the system designer must determine if the reduced capacity is acceptable or if redesign is required.

1. Locate the recorded results of the HU/HL Measurement and the Total Equivalent Pipe Length Calculation.
2. Refer to the Cooling Capacity Correction Factors table. Refer to the HU or HL section of the table, as appropriate for your system.
3. Use the HU/HL measurement and the calculated TEL length to find the cooling correction factor. Record this value.
4. Multiply the nominal WSU cooling capacity by the correction factor found in step 3 to determine the corrected cooling capacity.
5. Refer to the Heating Capacity Correction Factors table. Refer to the HU or HL section of the table, as appropriate for your system.
6. Use the HU/HL measurement and the calculated TEL length to find the heating correction factor. Record this value.
7. Multiply the nominal WSU cooling capacity by the correction factor found in step 6 to determine the corrected heating capacity.
8. If either the cooling or heating corrected capacity is less than the nominal capacity, determine if the corrected capacity is acceptable or if system parameters must change to achieve an acceptable corrected capacity.

WSU Cooling/Heating Capacity Correction Factor Calculation Examples

Examples below use the data in the “Equivalent Pipe Length Measurements” figure to determine cooling and heating capacity correction factors.

In Figure 1, ELM = 230 ft; ELB = 131 ft; HL = 33 ft

- For the cooling calculation:
  TEL = (230 ft x 0.5) + 131 ft
  TEL = 246 ft.
  Cooling capacity correction factor when TEL is 246 ft and HL is 33 ft is approximately 0.88
  Multiplying the WSU nominal cooling capacity by 0.88 gives the corrected cooling capacity
- For the heating calculation,
  TEL = (230 ft x 0.2) + 131 ft
  TEL = 177 ft.
  Heating capacity correction factor when TEL is 177 ft and HL is 33 ft is approximately 1.0
  Multiplying the WSU nominal heating capacity by 1.0 gives the corrected heating capacity

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Cooling and Heating Correction Factor Tables

These tables show the change in capacity of a standard indoor unit system at maximum load under standard conditions. If pipe insulation is insufficient, heat loss will become larger and capacity will decrease.

Note:

The LATS software program calculates these correction factors. To reduce the risk of designing an improper applied system or one that will not operate correctly, designers MUST use LATS when designing LG VRF systems.

Table 3: WSU Capacity Cooling Correction Factors.

Elevation Difference (ft.) Above WSU (HU)	Total Equivalent Length (TEL) in Feet												
	25	33	66	98	131	164	197	230	263	295	328	361	394
	Correction Factor												
0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.98	0.96	0.95	0.86	0.85	0.84
25	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.98	0.96	0.95	0.86	0.85	0.84
33	–	1.0	1.0	1.0	1.0	1.0	1.0	0.98	0.96	0.95	0.86	0.85	0.84
66	–	–	1.0	1.0	1.0	1.0	1.0	0.98	0.96	0.95	0.86	0.84	0.83
98	–	–	–	1.0	1.0	1.0	1.0	0.98	0.96	0.95	0.85	0.84	0.83
131	–	–	–	–	1.0	1.0	1.0	0.98	0.96	0.95	0.85	0.84	0.83
164	–	–	–	–	–	1.0	1.0	0.98	0.96	0.95	0.85	0.84	0.83
Elevation Difference (ft.) Below WSU (HL)	Total Equivalent Length (TEL) in Feet												
	25	33	66	98	131	164	197	230	263	295	328	361	394
	Correction Factor												
0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.98	0.96	0.95	0.86	0.85	0.84
25	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.98	0.96	0.95	0.86	0.85	0.84
33	–	1.0	1.0	1.0	1.0	1.0	1.0	0.98	0.96	0.95	0.86	0.85	0.84
66	–	–	1.0	1.0	1.0	1.0	1.0	0.98	0.96	0.95	0.86	0.85	0.84
98	–	–	–	1.0	1.0	1.0	1.0	0.98	0.96	0.95	0.86	0.85	0.84
131	–	–	–	–	1.0	1.0	1.0	0.98	0.96	0.95	0.86	0.85	0.84
164	–	–	–	–	–	1.0	1.0	0.98	0.96	0.95	0.86	0.85	0.84

Table 4: WSU Capacity Heating Correction Factors.

Elevation Difference (ft.) Above WSU (HU)	Total Equivalent Length (TEL) in Feet									
	25	33	66	98	131	164	197	230	263	295
	Correction Factor									
0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.98	0.96	0.95
25	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.98	0.96	0.95
33	–	1.0	1.0	1.0	1.0	1.0	1.0	0.98	0.96	0.95
66	–	–	1.0	1.0	1.0	1.0	1.0	0.98	0.96	0.95
98	–	–	–	1.0	1.0	1.0	1.0	0.98	0.96	0.95
131	–	–	–	–	1.0	1.0	1.0	0.98	0.96	0.95
164	–	–	–	–	–	1.0	1.0	0.98	0.96	0.95
Elevation Difference (ft.) Below WSU (HL)	Total Equivalent Length (TEL) in Feet									
	25	33	66	98	131	164	197	230	263	295
	Correction Factor									
0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.98	0.96	0.95
25	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.98	0.96	0.95
33	–	1.0	1.0	1.0	1.0	1.0	1.0	0.98	0.96	0.95
66	–	–	1.0	1.0	1.0	1.0	1.0	0.98	0.96	0.95
98	–	–	–	1.0	1.0	1.0	1.0	0.98	0.96	0.95
131	–	–	–	–	1.0	1.0	1.0	0.98	0.96	0.95
164	–	–	–	–	–	1.0	1.0	0.98	0.96	0.95

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