

Double Width Double Inlet Framed Blowers

800 SERIES



FEATURES

- Features frame with spider bearing bracket mounts.
- Available sizes: 9", 10", 12", 15" and 18" wheel diameters.
- Keywayed shaft both ends.
- Universal Frame allows for choice of discharge position.
- Motor mounting hardware supplied.
- Ball bearings are permanently lubricated.
- Corrosion resistant galvanized blower housing.
- Available as single or twin assemblies.
- Matte finish zinc coated steel Canarm 'G' series full width wheel and cut-off baffle.
- Frame has grey baked enamel finish.
- Insert ball bearings with resilient rings.
- Bearing brackets are attached with thread cutting screws driven into extruded housing holes (809) or attached with a bolt and locknut (810 through 818).
- Motor mounting bracket is attached to the blower frames on models 809 through 815 and is rated at 3 HP.
- Motor mounting bracket/motor plate assembly for 818 and 818-2 models is rated at 5 HP.
- Motor mounting and adjusting hardware is packed with each unit. Two adjusting leg sets are furnished with 815 and 818 models, one only with all others.
- Units individually cartoned or skidded for shipment.



TWIN UNIT

Use a common shaft for balanced air supply by each blower. Call for pricing & availability.



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PERFORMANCE SPECIFICATIONS

MAXIMUM CFM @ SP																				
MODEL	1/2" SP				1" SP				1 1/2" SP				2" SP				2 1/2" SP			
	CFM	BHP	FEI	FEPact (kW)	CFM	BHP	FEI	FEPact (kW)	CFM	BHP	FEI	FEPact (kW)	CFM	BHP	FEI	FEPact (kW)	CFM	BHP	FEI	FEPact (kW)
809	3700	2.92	0.70	2.63	3600	2.99	0.79	2.69	3400	2.88	0.89	2.59	3200	2.84	0.96	2.56	3000	2.89	0.99	2.60
810	4500	2.95	0.81	2.65	4200	2.94	0.88	2.65	3900	2.94	0.94	2.65	3600	2.91	0.99	2.62	3300	2.90	1.03	2.60
812	5392	2.99	0.80	2.69	5100	2.99	0.93	2.69	4800	2.99	1.04	2.69	4400	2.97	1.10	2.67	4000	2.97	1.14	2.67
815	6900	2.90	0.95	2.61	6400	2.97	1.07	2.67	5800	2.96	1.16	2.66	5200	2.91	1.24	2.62	4600	2.96	1.24	2.66
818	10700	4.94	0.94	4.32	9800	4.95	1.03	4.33	9000	4.97	1.11	4.35	8300	4.96	1.19	4.34	7500	4.93	1.24	4.32

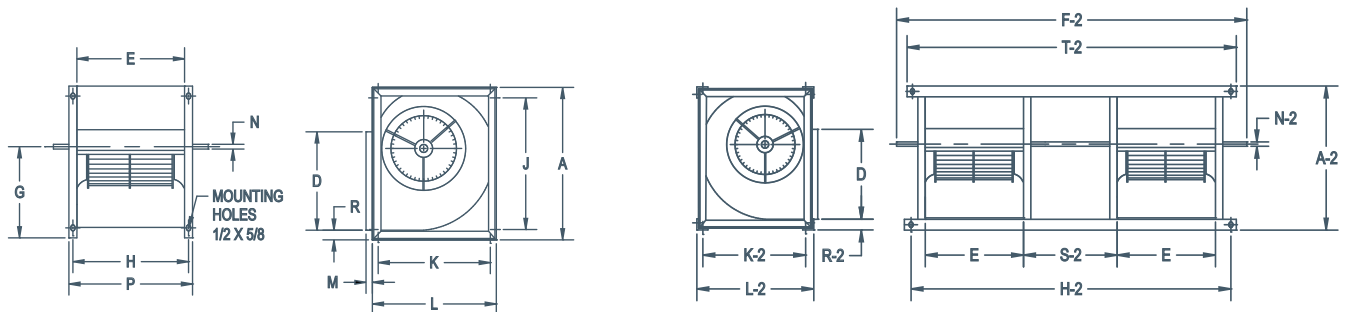
DIMENSIONS

SINGLE UNITS

MODEL	A	D	E	G	H	J	K	L	M	N	P	R	WHEEL DIAMETER	WHEEL WIDTH	UNIT WEIGHT (lbs) (without motor & drives)
809	17 1/4"	10 1/4"	11 13/16"	10 1/8"	12 15/16"	14 1/2"	11 3/4"	14 1/2"	3/4"	3/4"	13 15/16"	1 1/2"	10 1/4"	9 9/16"	28
810	19 1/8"	11 3/8"	13 1/8"	11 1/4"	14 1/4"	16 1/2"	13 3/8"	16 1/4"	3/4"	3/4"	15 1/4"	1 1/2"	11 9/16"	10 13/16"	32
812	22 1/4"	13 7/16"	15 5/8"	13"	16 3/4"	19 5/8"	16 1/4"	19"	3/4"	1"	17 3/4"	1 1/2"	12 7/8"	12 13/16"	43
815	26"	15 7/8"	18 5/8"	15 1/4"	19 3/4"	23 3/8"	19 3/8"	22 1/8"	3/4"	1"	20 3/4"	1 1/2"	15 1/2"	15 1/16"	67
818	30 3/4"	18 7/8"	21 7/8"	17 3/4"	23 1/2"	29"	24 1/2"	26 1/2"	3/4"	1"	25"	1 1/2"	18 1/2"	18 1/2"	125

TWIN UNITS

MODEL	A-2	SHAFT LENGTH F-2	5/8 D MOUNTING HOLES H-2	5/8 D MOUNTING HOLES K-2	L-2	N-2	R-2	S-2	T-2	UNIT WEIGHT (lbs) (without motor & drives)
809-2	17 5/8"	39 1/2"	36 5/8"	13 3/8"	14 7/8"	3/4"	1 11/16"	9"	38 3/8"	95
810-2	19 1/2"	44"	40 1/4"	15 1/8"	16 5/8"	3/4"	1 11/16"	10"	42"	112
812-2	22 5/8"	51 1/2"	47 1/4"	17 7/8"	19 3/8"	1"	1 11/16"	12"	49"	130
815-2	26 3/8"	61 3/8"	56 1/4"	21"	22 1/2"	1"	1 11/16"	15"	58"	195
818-2	31 1/8"	72"	66 3/4"	25 1/2"	27"	1"	1 3/4"	18"	68 1/2"	302



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