

## P24A Series Parts List

**Note:** The P24A packaged ammonia machine was introduced in 1971. The first models were York compressors with direct drive motors. Mycom compressors were used as well compressors over the years. The original control panel utilized Allen-Bradley NEMA compor in 1993 changed to include Cutler-Hammer components. The control panel was changed Bradley I.E.C components in mid-1999, those components will be listed as replacements.

### Control Panel Components

<u>Part Number</u>	<u>Req'd</u>	<u>Description</u>
12A2117C03	1	FREEZER PRESSURE SWITCH, ASCO PG16A <b>"2PS"</b>
12A2117T03	1	TRANSDUCER, ASCO RANGE 6-60 PSI <b>Use with Asco Freezer Pressure Switch #12A2117C03</b>
12A2117F07	1	CONDENSER FAN CONTROL SWITCH
12A2590G12	1	GAGE, 4 1/2" DIAMETER, 30"-150# 1/4" BC, AMMONIA <b>Suction Pressure Gage</b>
12A2590G13	1	GAGE, 4 1/2" DIAMETER, 30"-300# 1/4" BC, AMMONIA <b>Discharge Pressure Gage</b>
12A2117D01	1	HI/LOW PRESSURE SWITCH
12A7500E60	1	A/B SELECTOR SWITCH, 2 POSITION <b>"1SS" Hand/Auto Switch</b>
12A7500E74	1	CONTACT BLOCK/MOUNTING LATCH, 1-NO, 1-NC <b>Contact Block for 12A7500E60 Selector Switch</b>
12A7500E57	1	A/B PUSH BUTTON SWITCH (RED) <b>"1PB" Stop Push-Button Switch</b>
12A7500E76	1	CONTACT BLOCK/MOUNTING LATCH, 1-NC <b>Used with 12A7500E57</b>
12A7500E56	1	A/B PUSH BUTTON SWITCH (GREEN) <b>"2PB" Start Push-Button Switch</b>
12A7500E75	1	CONTACT BLOCK/MOUNTING LATCH, 1-NO <b>Used with 12A7500E56</b>
12A7500E58	1	A/B PUSH BUTTON SWITCH (WHITE) <b>"3PB" Manual Harvest Switch</b>
12A7500E75	1	CONTACT BLOCK/MOUNTING LATCH, 1-NO <b>Used with 12A7500E58</b>
12A7515E22S	1	CIRCUIT BREAKER, 6A, 2 POLE, 4 <b>"CB4" Control Circuit Breaker 200/208/230V</b>
12A7515E21S	1	CIRCUIT BREAKER, 3A, 2 POLE, 4 <b>"CB4" Control Circuit Breaker 460/575V</b>
12A7515E33S	1	CIRCUIT BREAKER, 4A, 2 POLE, 4 <b>"CB4" Control Circuit Breaker 400V/50HZ</b>
12A7503E22	2	THAW TIMER, 8 PIN PLUG-IN, 100-240V., 50/60HZ <b>"2TR" or "DT" (Compressor Unloader)</b>

## P24A Series Parts List

### Control Panel Components (Allen-Bradley since 1999) (Con'd)

<u>Part Number</u>	<u>Req'd</u>	<u>Description</u>
12A7503E39	2	TIMER BASE, 8 PIN, GUARDED TERMINAL
12B7503E21	1	ELAPSED TIME INDICATOR, 220V, 60HZ, DIN RAIL MOUNT
12B7503E20	1	ELAPSED TIME INDICATOR, 220V, 50HZ, DIN RAIL MOUNT
12A7500E78B	1	BLUE LED LIGHT MODULE/MOUNTING LATCH <b>"1LT" Freezing</b>
12A7500E78W	1	WHITE LED LIGHT MODULE/MOUNTING LATCH <b>"2LT" Liquid Feed</b>
12A7500E78R	1	RED LED LIGHT MODULE/MOUNTING LATCH <b>"3LT" Thawing</b>
12A7520E35	3	BULB #755, A/B 2TL5/2TL7 PILOT LIGHT, 6.3V
12A7517E28	2	A/B RELAY, 10A, 3-NO/1-NC, 208/240 <b>"CR" Relay</b>
12A7503E38	1	A/B TIMER, PNEUMATIC, ON-DELAY FOR 700-CF RELAY <b>Time Delay for Cutter Motor on "1CR" Relay</b>
12A7516E23	1	A/B CONTACTOR, 9-AMP, 3-POLE, 208/240V W/1-NO AUX <b>"2M" Water Pump or "3M" Cutter Motor (9-amp Max) Water Pump - 380/400/460V / Cutter Motor - all Voltages</b>
12A7516E24	1	A/B CONTACTOR, 12-AMP, 3 POLE, 208/240V W/1-NO AUX <b>"2M" Water Pump or "3M" Cutter Motor (12-amp Max) Water Pump - 190/208/203V</b>
12A7530E54UL	1	MANUAL MOTOR STARTER, 1.6-2.5A <b>Cutter Motor - 575V</b>
12A7530E55UL	1	MANUAL MOTOR STARTER, 2.5-4.0A <b>Water Pump - 380/460V / Cutter Motor - 380/460V</b>
12A7530E56UL	1	MANUAL MOTOR STARTER, 4.0-6.3A <b>Water Pump - 380/460V / Cutter Motor - 190/208/230V</b>
12A7530E57UL	1	MANUAL MOTOR STARTER, 6.3-10.0 AMP <b>Water Pump - 190/208/230V</b>
12A7518E33UL	2	AUX. CONTACT, 6A, 1 NO TRIP, 1 NC TRIP <b>Trip Indicator for Water Pump &amp; Cutter Motor</b>
<b>Note: If replacing Water Pump Or Cutter Motor Contactor in Pre-1993 Allen Bradley Panel or Cutler-Hammer Control Panel, the Contactor and Overload Relays listed below will be required (drawing available upon request). Amp rating on motors should be set in compliance with nameplate amp rating when installing the overload relay.</b>		
12A7516E24	1	A/B CONTACTOR, 12-AMP, 3 POLE, 208/240V W/1-NO AUX <b>"2M" Water Pump or "3M" Cutter Motor (12-amp Max)</b>
12A7538E11	1	OVERLOAD RELAY, 1-5AMP SOLID STATE <b>Cutter Motor 230 /460V or Water Pump 460V</b>
12A7538E12	1	OVERLOAD RELAY, 3.2-16AMP SOLID STATE <b>Water Pump 230V</b>
12A7519E31		TRANSFORMER, HEVI-DUTY 1KVA 240/480-120/240 60HZ
12A7519E24		TRANSFORMER, HEVI-DUTY, 1KVA, 380/400/50 HZ,

## P24A Series Parts List

### Compressor Motor Starters

<u>Part Number</u>	<u>Req'd</u>	<u>Description</u>
19T7530AP200	1	COMPRESSOR MOTOR STARTER, 200-3-60, PW AMMONIA
19T7530AP230	1	COMPRESSOR MOTOR STARTER, 230-3-60, PW AMMONIA
19T7530AP400	1	COMPRESSOR MOTOR STARTER, 400-3-50, PW AMMONIA
19T7530AP460	1	COMPRESSOR MOTOR STARTER, 460-3-60, PW AMMONIA
19T7530AX200	1	COMPRESSOR MOTOR STARTER, 200-3-60, XL AMMONIA
19T7530AX230	1	COMPRESSOR MOTOR STARTER, 230-3-60, XL AMMONIA
19T7530AX400	1	COMPRESSOR MOTOR STARTER, 400-3-50, XL AMMONIA
19T7530AX460	1	COMPRESSOR MOTOR STARTER, 460-3-60, XL AMMONIA
12A7503E48	1	TIMER, ON-DELAY, 110-240VAC, 0.3-3.0 SECONDS <b>Part Winding Start Delay Timer</b>
12A7515E08	1	CIRCUIT BREAKER, 15 AMP. WESTINGHOUSE <b>400/460V Part Wind &amp; Across the Line</b>
12A7515E09	1	CIRCUIT BREAKER, 30 AMP. WESTINGHOUSE <b>200/230V Part Wind &amp; Across the Line</b>
12A7516E28	2	A/B CONTACTOR, 37-AMP, 3-POLE, 208/240V W/1-NO AUX. <b>Part Wind 460V-60HZ</b>
12A7516E30	2	A/B CONTACTOR, 72AMP, 3-POLE, 208/240V COIL <b>Part Wind 400V/50HZ</b>
12A7516E33	2	CONTACTOR, 85A, 3 POLE, 208/240V COIL <b>Part Wind 230V60HZ / Across the Line 460V60HZ (1)</b>
12A7516E31	2	A/B CONTACTOR, 110A, 3 POLE, 220V <b>Part Wind 200V-50HZ</b>
12A7516E31	1	A/B CONTACTOR, 110A, 3 POLE, 220V <b>Across the Line 400V-50HZ</b>
12A7516E37	1	A/B CONTACTOR, 250A, 3 POLE, 220V <b>Across the Line 200V-50HZ</b>
12A7516E49	2	CONTACTOR, 116A, 3 POLE, W/1NO <b>Part Wind 200V-50HZ / Across the Line 400V-50HZ (1)</b>
12A7516E50	1	CONTACTOR, 190A, 3 POLE, W/1NO <b>Across the Line 230V-60HZ</b>
12A7516E51	1	CONTACTOR, 265A, 3 POLE, W/1NO <b>Across the Line 200V-50HZ</b>
12A7538E03	2	SOLID STATE OVERLOAD RELAY, 9 - 45 AMP <b>Part Wind 460V-60HZ</b>
12A7538E04	2	SOLID STATE OVERLOAD RELAY, 18 - 90 AMP <b>Part Wind 230V-60HZ/400V-50HZ Across the Line 460V (1)</b>
12A7538E05	2	SOLID STATE OVERLOAD RELAY, 30 - 150 AMP <b>Part Wind 200V-50HZ Across the Line 400V-50HZ (1)</b>
12A7538E06	1	SOLID STATE OVERLOAD RELAY, 40 - 200 AMP <b>Across the Line 230V-60HZ</b>

## P24A Series Parts List

### Compressor Motor Starters (Con'd)

<u>Part Number</u>	<u>Req'd</u>	<u>Description</u>
12A7538E07	1	SOLID STATE OVERLOAD RELAY, 60 - 300 AMP <b>Across the Line 200V-50HZ</b>
12A7517E27	1	RELAY, AB, 10A, 2-NO/2-NC, 208/240 <b>Part Wind 200V</b>
12A7518E30	1	A/B AUX. CONTACT, 3A, 1 NO/1 NC, (SIDE MOUNT) <b>Part Wind 230V Across the Line 460V</b>
12A7518E31	1	A/B AUX. CONTACT, 3A, 2 NO, (SIDE MOUNT) <b>Part Wind 230V</b>
12A7518E34	1	A/B AUX. CONTACT, 10A, 1 NO/1 NC, SIDE MOUNT <b>Part Wind 200/400/460V Across the Line 200/230V</b>
12A7518E35	1	A/B AUX. CONTACT, 10A, 2 NO, SIDE MOUNT <b>Part Wind 400/406V</b>
12A7518E46	1	AUX. CONTACT, 4A @ 240V, 1 NO/1 NC, SIDE MOUNT <b>Across the Line 400V-50HZ</b>
12A7504E32	6	FUSE, TIME DELAY 70AMP, 600V, CLASS RK5
12A7504E33	6	FUSE, TIME DELAY 90AMP, 600V, CLASS RK5
12A7504E34	6	FUSE, TIME DELAY 110AMP, 600V, CLASS RK5
12A7504E35	6	FUSE, TIME DELAY 125AMP, 600V, CLASS RK5
12A7504E36	6	FUSE, TIME DELAY 175AMP, 600V, CLASS RK5

### Soft Start - Compressor Motor Starters

<u>Part Number</u>	<u>Req'd</u>	<u>Description</u>
19T7530AS230601		MOTOR STARTER, 230-3-60, SOFT START <b>For P24A with 60HP Motor, 120V Controls</b>
19T7530AS23060		MOTOR STARTER, 230-3-60, SOFT START <b>For P24A with 60HP Motor, 230V Controls</b>
19T7530AS40060C		MOTOR STARTER, 400-3-50, SOFT START <b>For P24A with 60HP Motor, 200V Controls</b>
19T7530AS460060		MOTOR STARTER, 460-3-60, SOFT START <b>For P24A with 60HP Motor, 230V Controls</b>
19T7530AS575060		MOTOR STARTER, 575-3-60, SOFT START <b>For P24A with 60HP Motor, 230V Controls</b>
12A7515E08		CIRCUIT BREAKER, 15 AMP. WESTINGHOUSE <b>For P24A 400/460V Units with 230V Controls</b>
12A7515E09		CIRCUIT BREAKER, 30 AMP. WESTINGHOUSE <b>For P24A 230V Units W/120V &amp; 240V Controls</b>
12A7800S24		SOFT START CONTROLLER, 201A, <b>For P24A 230V Units W/120V &amp; 240V Controls</b>
12A7800S22		SOFT START CONTROLLER, 108A, <b>For P24A Unit W/400 &amp; 460V 60HP Motor 200 &amp; 230V Controls</b>

## P24A Series Parts List

### Soft Start Compressor Motor Starters (Con'd)

<u>Part Number</u>	<u>Req'd</u>	<u>Description</u>
12A7800S28		SOFT START CONTROLLER, 85A, <i>For P24A Unit W/575V 60HP Motor, 230V Controls</i>
12A7517E33		RELAY, 10A,3 NO/1 NC, 120V <i>For P24A 230V Unit W/120V Controls</i>
12A7517E27	1	RELAY, AB, 10A, 2-NO/2-NC, 208/240 <i>For P24A 230/400/460/575V Unit W/230V Controls</i>
12A7517E28	1	A/B RELAY, 10A, 3-NO/1-NC, 208/240 <i>For P24A 400/460/575V Unit W/230V Controls</i>
12A7518E30	1	A/B AUX. CONTACT, 3A, 1 NO/1 NC, (SIDE MOUNT) <i>For P24A 230/575V Units W/120 &amp; 230V Controls</i>

### Freezer Components

<u>Part Number</u>	<u>Req'd</u>	<u>Description</u>
12A2600G08	1	FREEZER COVER GASKET 27" x 22" x 3/16"
12B2145C04	1	P24 POLYCARBONATE FREEZER COVER W/VENT HOLE <i>(Requires the Foot Valve &amp; Bulkhead Fitting below)</i>
12A4200B1007	1	VALVES, FOOT (PLASTIC), 1-1/2" MPT
12A2450B13	1	BULKHEAD FITTING, (PVC) 1 1/2"
19T4001S0915	4	P24 FREEZER COVER RETAINING RINGS
12A2240H4109	12	NUT, WING, BRASS, 3/8"-16NC
12A2250A12	12	WASHER, CUT 3/8" x 1" O.D. SS
12B2185V12	264	1" VENT TUBE WATER DISTRIBUTOR, 16GA WHITE
12B2185V22	198	1-1/4" VENT TUBE WATER DISTRIBUTOR, 16GA WHITE
12B2185V32	144	1-1/2" VENT TUBE WATER DISTRIBUTOR, 16GA WHITE
12B2185V42	102	1-3/4" VENT TUBE WATER DISTRIBUTOR, 16GA WHITE
12A4009R01		PLUG, RUBBER 7/8" OD X 2" LG FOR 1" TUBES <i>Requires 3/8" Bolt, Nut &amp; Washers</i>
12A4009R02		PLUG, RUBBER 1"OD X 2 1/2"LG FOR 1-1/4" TUBES <i>Requires 3/8" Bolt, Nut &amp; Washers</i>
12A4009R03		PLUG, RUBBER 1 1/4"OD X 2 1/2" FOR 1-1/2" TUBES <i>Requires 3/8" Bolt, Nut &amp; Washers</i>
12A2215H1119	1	CAP SCREW, 3/8"-16NC X 3" LONG
12A2240A1109	1	NUT, HEX 3/8"-16NC S.S.
12A2250A12	2	WASHER, CUT 3/8" x 1" O.D. SS <i>(Use this washer for 1" tubes)</i>
12A2250A109	2	WASHER, CUT 3/8" x 7/8" O.D. SS <i>(Use this washer for 1 1/4" &amp; 1 1/2" tubes)</i>
12A7500E22	1	FLOAT SWITCH, HANSON #HLL (DIFFERENTIAL SET @ 1/2") <i>Replaces Alco FS1A or RS Type LL</i>
12A7500E24	1	SWITCH ASSEMBLY #HLL-SW FOR HANSON <i>Also can be used on RS Type LL</i>

## P24A Series Parts List

### Freezer Components (Con'd)

<u>Part Number</u>	<u>Req'd</u>	<u>Description</u>
12A7509E17		HEATER, HANSEN #HTR2 FOR 12A7500E22 FLOAT SWITCH <i>Optional - Heater for Refrigerant Float Switch Assembly</i>
12A2600F01	2	FLANGE GASKET FOR 3/4" & 1" 2-BOLT FLANGE
12A2625G03	1	GAGE GLASS 1/2" X 28-1/8" LONG <i>For Use with Hand Wheel Gage Cock Valves</i>
12A2625G11	1	GAGE GLASS, 1/2" X 28 3/8" LONG <i>For Use with Service Wrench Gage Cock Valves</i>
12A2625G05	1	GAGE GLASS 1/2" X 29" LONG <i>For Custom Application (Cut to Fit)</i>
19T2635G06	1	GAGE GLASS GUARD SET, 27 1/4" <i>For Use with Service Wrench Gage Cock Valves</i>
12A2635G06	1	GAGE GLASS GUARD 60" LENGTH <i>For Custom Application (Cut to Fit)</i>
12A4199V26	2	GAGE GLASS PACKING O-RING FOR 1/2" DIAMETER
12A4200J0405	1	UPPER GAGE COCK VALVE, STEEL <i>Replaced Hand Wheel Valve - May 1999</i>
12A4200J0406	1	LOWER GAGE COCK VALVE, STEEL <i>Replaced Hand Wheel Valve - May 1999</i>
12A3050C0301	2	PIPE NIPPLE, 1/2" X 1-1/2" LONG

**Note: Serial number of unit required for purchase of relief valves. Relief valve setting must not exceed the design pressure of the vessel.**

12A4200L0603	2	RELIEF VALVE SET @ 275#, 3/4" FPT x 1" FPT
12A4200M0601	1	3-WAY VALVE 3/4" FOR AMMONIA

### Cutter Drive

**Note: The cutters on the original P24 units were nickel plated carbon steel driven by a belt drive system off the bottom of a galvanized water tank. In 1977, the design was changed to the current drive setup and at the same time, the entire water tank and cutter was changed to stainless steel. Reliance one piece gearmotors were used until a design change in 1998 to the separate Grove and U.S. Motor. Note: Grove and Reliance reducers require different mounting configuration and are not interchangeable.**

<u>Part Number</u>	<u>Req'd</u>	<u>Description</u>
12A2900M0701	1	GEARMOTOR, RELIANCE R56WG21A, 1HP 230/460V-3P-60HZ <i>For Belt-Driven Cutters Prior to 1977</i>
12A2900M0702	1	GEARMOTOR, RELIANCE, 1HP 230/380/460V-3P-50/60HZ <i>Direct Drive Units with Stainless Steel Tanks Until 1998</i>
12A4080S1	1	SEAL, KIT #07901938AC FOR RELIANCE 1HP GEARMOTOR
12A2900M0704	1	GEARMOTOR, GROVE 15:1, 1-1/2HP, 230-460V-3P-50/60HZ <i>Direct Drive Units Built Since 1998</i>
12A2900M0705	1	MOTOR, 1 1/2 HP, FOR GROVE GEARMOTOR 12A2900M0704
12A4030R1	1	REDUCER, GROVE 10:1 FOR GEARMOTOR 12A2900M0704

## P24A Series Parts List

### Cutter Drive (Con'd)

<u>Part Number</u>	<u>Req'd</u>	<u>Description</u>
12A4080S24	1	SEAL KIT FOR GROVE REDUCER USED ON P24
19T1501S25	1	P24 MTING PLATE ASSY FOR 1 1/2HP GROVE REDUCER
12B2615D03	1	P24 DRIVE GEAR , ALUMINUM / BRONZE 9-1/4" PD, 72 TEETH <i>Replaces Cast Iron Gear</i>
12B2060B01	1	DRIVE GEAR HUB, STAINLESS STEEL 1-1/8" BORE <i>For use with Grove gearmotor</i>
12B2060B04	1	DRIVE GEAR HUB, 7/8" BORE STAINLESS STEEL <i>For use with Reliance (Will not work with Cast Gear)</i>
12A2215G111	3	CAP SCREW, 5/16"-18NC X 1" SS HEX HEAD
12A2250B108	3	WASHER, LOCK 5/16" SS ( 300 SERIES)
19T2615R03	1	P24 FINISHED RING GEAR
12A3040S02	6	CUTTER BEARING ROLL PIN 3/16" X 1/2" <i>(This pin used to secure ring gear to cutter)</i>
126087	1	BELT 630XH200 DIAMOND FOR P24 BOTTOM DRIVE CUTTER

### Cutter Internals

<u>Part Number</u>	<u>Req'd</u>	<u>Description</u>
19T2035B01	2	CUTTER BLADE, P24, 10" LONG
19T2010A11	2	P24 CUTTER ADAPTOR PLATE
19T4130T04	8	ADAPTOR PLATE SPACER, 5/8" O.D. S.S. TUBING x 7/8" LG.
12A2226H1117	8	MACHINE SCREW, FLAT HEAD SS, 3/8"-16NC x 2-1/2" LG <i>For Adaptor Plates</i>
12A2240A1309	8	NUT, HEX 3/8"-16NC S.S.
19T2025B0105	1	BEARING BRACKET ASSEMBLY FOR P24
19T2163D0302	1	TINES DISC, P24 CYLINDER ICE
19T4130C02	1	P24/34 TINES DISC HUB SPACER
19T4090S03	1	P24/34 CUTTER SHAFT
19T4065R01	1	P24/34 CUTTER RETAINING SPACER
19T2165K2434	1	P24/P34 CUTTER REPAIR KIT <i>Kit Contains Items for Cutter Maintenance and Rebuild</i>

## P24A Series Parts List

### Water Tank/Circulating Water

<u>Part Number</u>	<u>Req'd</u>	<u>Description</u>
19T2165C03	1	S.S. CUTTER/TANK ASSEMBLY FOR P24 <i>Includes complete cutter assembly and drive train, water tank tines disc, &amp; bearing support. Does not include water pump or internal water piping (specify tube size when ordering)</i>
12A2600G09	1	WATER TANK GASKET 30" x 27" x 3/16"
12A4200H0606	1	VALVE, FLOAT, ROBERTS 3/4" MPT, LEAD FREE BRASS <b>Current Valve (Requires 21" Water Box Width - since 1994)</b>
12A4200HP01	1	STEM FOR ROBERTS FLOAT, 10" LG x 1/4-20 THREAD BRASS
12A4200HP02	1	FLOAT FOR ROBERTS, 4" CYL x 6" LG W/1/4-20 THREAD
12A4200H0801	1	FLOAT VALVE, HUDSON 1" FPT
127668R	1	FLOAT VALVE ASSY, ROBERTS #R400-3/4" W/STEM & FLOAT
12A4200A0607LF	1	VALVE, WATER, 3/4", LEAD FREE, GRANZOW, LESS COIL <b>Water Tank Flush Valve (Replaces Jake Evans &amp; Sporan)</b>
12A2105C42K	1	ASSEMBLY, COIL, 230/240V GRANZOW
12A2105C41K	1	ASSEMBLY, COIL, 110/120V GRANZOW
126223	1	COIL FOR SPORLAN SOLENOID, 230V/60HZ
12A2105C06	1	COIL FOR SPORLAN SOLENOID, 120 VOLT, 50/60 HZ
12A2105C17	1	COIL, J/E #G-23, 208/230V.,50/60
12A4170T01	1	THERMOMETER, WEKSLER, 2" DIAL, 4" STEM 25-125 DEG F.
12A4205G0601LF	1	3/4" STOP VALVE, LEAD FREE BRONZE
12A4181T09	16	TUBING, PLASTIC, CLEAR, 2" ID x 3/16" THK <b>Circulating Water (Priced per ft.)</b>
12A4181T06	12	TUBING, TYGON B-44-3, 1-1/2" OD x 1-1/4" ID <b>Overflow (Prior to 1994) (Priced per ft.)</b>
12A4181T09	12	TUBING, PLASTIC, CLEAR, 2" ID x 3/16" THK <b>Overflow (After 1994) (Priced per ft.)</b>
12A4078C03	1	CURTAIN, P24 SPLASH
12A4020S02	1	PUMP, 1 1/2HP SCOT #AVF51 230/380/460V-3P-50/60HZ <b>Cast Iron Housing, Sidewall Mount</b>
12A2600G03	1	PUMP SUCTION GASKET, 7 1/2" x 4 1/2" x 3/16"
12A4020G16	1	PUMP, GOULD SSH, 2HP 208-230/460V-3P-50/60HZ <b>Stainless Steel Housing, Bottom Flange Mount</b>
12A4080S13		SEAL, PUMP FOR GOULD 2 & 3HP PUMP
12A2600R08	1	GASKET RED RUBBER 2"ID X 6 1 <b>Pump Discharge Gasket for S.S. Water Pump</b>
12A2600R09	1	GASKET, P24/P34 S.S. PUMP <b>Pump Suction Gasket for S.S. Pump</b>
12A2532F0706	1	FLANGE, ROUND P.V.C., THREADED P24 -PUMP DISCHARGE
12A2450E12	1	ELL, PVC, 90 DEG. 2" MPT X 2" INSERT

## P24A Series Parts List

### Compressors/Components

**Note: Original P24A compressors utilized direct drive motor couplings. The design changed in 1980's to belt driven.**

<u>Part Number</u>	<u>Req'd</u>	<u>Description</u>
12A2110C0002	1	COMPRESSOR, MYCOM N6WA W/SS OIL COOLER
12A2110P0102	1	SHAFT SEAL KIT FOR MYCOM N6A COMPRESSOR
12A7509E01	1	MYCOM CRANKCASE HEATER, 300 WATT 230V-60HZ
126532M	1	CUNO OIL FILTER (MYCOM)
12A2110C0902	1	OIL FILTER, SPIN-ON, MYCOM
126617	1	GASKET SET FOR N6A MYCOM COMPRESSOR
12A2600M01	1	GASKET #4-15C MYCOM SUCTION
126615M	2	GASKETS HANDHOLE COVER 3-1A
12A2590G02	1	GAGE, OIL PRESSURE, FOR MYCOM
12A2110P0403	1	OIL FILTER 1448C FOR VILTER 454XL W/GASKET
12A2600V05	1	DISCHARGE GASKET, 2-1/2" FOR VILTER 454XL
12A2600V06	1	SUCTION GASKET, 3" FOR VILTER 454XL
12A2590G14	1	GAGE , VILTER #1204E, 300 PSI, 1/4"
12A2590G15	1	OIL PRESSURE GAGE , VILTER #2047A , 2 1/2" DIAL 0-300
12A2590P01	1	GAGE STEADY-MOUNT #A17311SS
12A2117A02	1	OIL PRESSURE SWITCH, AMMONIA, P28AN-1
12A3025S02	1	OIL SEPERATOR, ACR #SN-1904A A
12A3025F01	1	OIL SEPERATOR FLOAT VALVE ASSY FOR ACR #SN1904A
12A4200E0404	1	VALVES, WATER REGULATING, PEN
12A4200A0607	1	VALVES, SOLENOID, 3/4" FPT SPORLAN WATER
12A4170W01	1	THERMOMETER, WELL SS, 3/4"MPT
12A4170T01	1	THERMOMETER, WEKSLER, 2" DIAL, 4" STEM 25-125 DEG F.
12A4170T02	1	THERMOMETER,MYCOM DISCHARGE #4-25, 0-400 DEG.
12A2030B03M	1	COMPRESSOR DRIVE BELT MATCHED SET OF 5, (112" OD) <i>Use with Mycom N6A</i>
12A2030B07	1	COMPRESSOR DRIVE BELT, SET ( 4 ) VILTER #1805L, 112" <i>Use with Vilter 454XL and 60HP Motor</i>
12A3025F01	1	OIL SEPERATOR FLOAT VALVE ASSY FOR ACR #SN1904A
12A2900M1503	1	COMPR DRIVE MOTOR, 60HP FR 364T,1800RPM,230/460

### Condenser/Receiver

<u>Part Number</u>	<u>Req'd</u>	<u>Description</u>
12A2600R04	2	CONDENSER HEAD GASKET, 24 1/4" OD x 1/8" RED RUBBER
12A2625G03	1	GAGE GLASS 1/2" X 28-1/8" LONG For Use with Hand Wheel Gage Cock Valves
12A4200E1403	1	WATER REG VALVE, 2" W/SS BELLOWS FOR AMMONIA
12A2625G11	1	GAGE GLASS, 1/2" X 28 3/8" LONG <i>For Use with Service Wrench Gage Cock Valves</i>

## P24A Series Parts List

### Condenser/Receiver (Con'd)

<u>Part Number</u>	<u>Req'd</u>	<u>Description</u>
12A2625G05	1	GAGE GLASS 1/2" X 29" LONG <i>For Custom Application (Cut to Fit)</i>
19T2635G06	1	GAGE GLASS GUARD SET, 27 1/4" <i>For Use with Service Wrench Gage Cock Valves</i>
12A2635G06	1	GAGE GLASS GUARD 60" LENGTH <i>For Custom Application (Cut to Fit)</i>
12A4199V26	2	GAGE GLASS PACKING O-RING FOR 1/2" DIAMETER
12A4200J0405	1	UPPER GAGE COCK VALVE, STEEL <i>Replaced Hand Wheel Valve 12A4200J0401 - May 1999</i>
12A4200J0406	1	LOWER GAGE COCK VALVE, STEEL <i>Replaced Hand Wheel Valve 12A4200J0402 - May 1999</i>
12A3050C0301	2	PIPE NIPPLE, 1/2" X 1-1/2" LONG

**Note: Serial number of unit required for purchase of relief valves. Relief valve setting must not exceed the design pressure of the vessel.**

12A4200L0409	2	RELIEF VALVE SET @ 275#, 1/2" MPT x 1" FPT
12A4200M0401	1	3-WAY VALVE 1/2" F.P.T.
19553	124	CONDENSER TUBE 1 1/4"X.109"W A214,ERW X 84"LG.
19553A	124	CONDENSER TUBE, 1 1/4" OD x .065" WALL, 84" LG SS T304

### Liquid Line

<u>Part Number</u>	<u>Req'd</u>	<u>Description</u>
12A4200C0604	1	EXPANSION VALVE, HANSEN 3/4" SOCKET WELD
12A4200A06	1	VALVES, SOLENOID, HANSEN #HS7, 3/4" PORT <i>Replaces Alco M511 &amp; Hansen HS8</i>
12A4140S05	1	STRAINER, HANSEN #ST100D, 3/4"
12A4200B0602	1	CHECK VALVE, HANSEN, 1-1/4" PORT WITH ADAPTOR RING
126229	1	COIL, HANSEN, 208/240V-50/60HZ
12A2105C08	1	COIL, HANSEN, 115V-50/60HZ (1/2" FITTING)
12A4199V52	1	REPAIR KIT FOR HANSEN HS7
12A7500E22	1	FLOAT SWITCH, HANSON #HLL (DIFFERENTIAL SET @ 1/2") <i>Replaces Alco FS1A or RS Type LL</i>
12A7500E24	1	SWITCH ASSEMBLY #HLL-SW FOR HANSON <i>Also can be used on RS Type LL</i>
12A7509E17		HEATER, HANSEN #HTR2 FOR 12A7500E22 FLOAT SWITCH <i>Optional - Heater for Refrigerant Float Switch Assembly</i>
12A2600F01	3	FLANGE GASKET FOR 3/4" & 1" 2-BOLT FLANGE

## P24A Series Parts List

### Thawing Gas Line

<u>Part Number</u>	<u>Req'd</u>	<u>Description</u>
<a href="#">12A4200A1403</a>	1	VALVES, HANSEN #HS4AE, 2" EXTERNAL PORT, 240V-60HZ <b>Replaces Alco 905H-18, Hubbell FS2004 &amp; RS S4AE</b>
<a href="#">126229</a>	1	COIL, HANSEN, 208/240V-50/60HZ
<a href="#">12A2105C08</a>	1	COIL, HANSEN, 115V-50/60HZ (1/2" FITTING)
<a href="#">126246</a>	1	COIL, RS #201402 (240/60HZ) FOR S4AE & S7A
<a href="#">126247</a>	1	COIL, RS #201406, A3M PKGD, (230/50HZ) FOR S4AE & S7A
<a href="#">12A4200B1403</a>	1	CHECK VALVE, HANSEN 2" (9-7/8" LONG, FEMALE FLGS) <b>Note: Henry &amp; Hubbell check valves both obsolete</b>
<a href="#">12A4199V68</a>	1	REPAIR KIT, 2" HENRY FLANGED GLOBE VALVE <b>Kit for Herry Flanged Globe Valve (discontinued use 2004)</b>
<a href="#">12A4140S18</a>	1	STRAINER, HANSEN ST200 2"

### Valves-Flanges-Gaskets

<u>Part Number</u>	<u>Req'd</u>	<u>Description</u>
<a href="#">12A4200G0202</a>		ANGLE VALVE, 1/4" MPT x 1/4" FPT
<a href="#">12A4200G0402</a>		ANGLE VALVE, 1/2" MPT x 1/2" FPT
<a href="#">12A4200G0409</a>		VALVES, ANGLE, HANSEN, 1/2" FPT X 1/2" FPT
<a href="#">12A4200G0606</a>		VALVES, ANGLE, 3/4" HANSEN SOCKET WELD
<a href="#">12A4200G0608</a>		VALVE HANSEN 3/4" ANGLE THREAD
<a href="#">12A4200G1406</a>		VALVE, 2" SOC WELD HANSEN GS20
<a href="#">12A4200G1408</a>		VALVE, ANGLE, 2" SOCKET WELD W
<a href="#">12A4200G1604</a>		VALVE, 2 1/2" SOCKET WELD HANS
<a href="#">12A2538S0106</a>		FLANGE SET, 3/4" FPT, HANSEN 2-BOLT
<a href="#">12A2538S0107</a>		FLANGE SET, 1" FPT, HANSEN 2-BOLT
<a href="#">12A2530G0206</a>		FLANGE, 2" HENRY GROOVE SOCKET WELD
<a href="#">12A2530T0206</a>		FLANGE, 2" HENRY TONGUE SOCKET WELD
<a href="#">12A2535T0106</a>		FLANGE ADAPTOR, 2" MALE TO MALE
<a href="#">12A2530G0208</a>		FLANGE, 2-1/2" HENRY GROOVE SOCKET WELD
<a href="#">12A2530T0208</a>		FLANGE, 2-1/2" HENRY TONGUE SOCKET WELD
<a href="#">12A2600F01</a>		FLANGE GASKET FOR 3/4" & 1" 2-BOLT FLANGE
<a href="#">12A2600F04</a>		GASKET, 2" HENRY
<a href="#">12A2600F05</a>		GASKET, 2-1/2" HENRY
<a href="#">12A2600F06</a>		GASKET, 3" HENRY
<a href="#">12A2600F08</a>		GASKET, 4" HENRY

## **P24A Series Parts List**

### **Pressure Line & Fittings**

<b><u>Part Number</u></b>	<b><u>Req'd</u></b>	<b><u>Description</u></b>
12A4182S03		TUBING, 1/4" OD TYPE 304 STAINLESS (PRICED PER FT)
<a href="#">12A2452M02</a>		CONNECTOR, MALE, 1/4" MPT x 1/4" TUBING
<a href="#">12A2452E01</a>		ELL, 90 DEG 1/4" MPT X 1/4" TUBING
<a href="#">12A2452F01</a>		CONNECTOR, FEMALE 1/4" FPT x 1/4" TUBING
<a href="#">12A2452T01</a>		TEE, UNION, 1/4" x 1/4" x 1/4" TUBING
<a href="#">12A2452T02</a>		TEE, 1/4" TUBING x 1/4" TUBING x 1/4" MPT
<a href="#">12A2100C0303</a>		CLAMPS, 1/4" OD TUBING