

P34AL Series Parts List

Note: The P34AL low-side ammonia machine began production in 1976. The original control panel utilized Allen-Bradley NEMA components, and in mid-1993 changed to include Cutler-Hammer components. The control panel was changed to Allen Bradley I.E.C. components in mid-1999 those items will be listed below as replacements.

Control Panel, Allen-Bradley I.E.C Components

<u>Part Number</u>	<u>Req'd</u>	<u>Description</u>	<u>List Each</u>
12A2590G12	1	GAGE, 4 1/2" DIAMETER, 30"-150# 1/4" BC, AMMONIA Suction Pressure Gage (Optional)	\$303
12A2590G13	1	GAGE, 4 1/2" DIAMETER, 30"-300# 1/4" BC, AMMONIA Discharge Pressure Gage (Optional)	\$303
12A2117D01	1	HI/LOW PRESSURE SWITCH (Optional)	\$476
12A7500E60	1	A/B SELECTOR SWITCH, 2 POSITION "1SS" Hand/Auto Switch	\$42
12A7500E74	1	CONTACT BLOCK/MOUNTING LATCH, 1-NO, 1-NC Contact Block for 12A7500E60 Selector Switch	\$84
12A7500E57	1	A/B PUSH BUTTON SWITCH (RED) "1PB" Stop Push-Button Switch	\$42
12A7500E76	1	CONTACT BLOCK/MOUNTING LATCH, 1-NC Contact Block for 12A7500E57	\$49
12A7500E56		A/B PUSH BUTTON SWITCH (GREEN) "2PB" Start Push-Button Switch	\$42
12A7500E75	1	CONTACT BLOCK/MOUNTING LATCH, 1-NO Contact Block for 12A7500E56	\$49
12A7500E58	1	A/B PUSH BUTTON SWITCH (WHITE) "3PB" Manual Harvest Switch	\$19
12A7500E75	1	CONTACT BLOCK/MOUNTING LATCH, 1-NO Contact Block for 12A7500E58	\$49
12A7500E78B	1	BLUE LED LIGHT MODULE/MOUNTING LATCH "1LT" Freezing	\$102
12A7500E78W	1	WHITE LED LIGHT MODULE/MOUNTING LATCH "2LT" Liquid Feed	\$102
12A7500E78R	1	RED LED LIGHT MODULE/MOUNTING LATCH "3LT" Thawing	\$102
12A7520E35	3	BULB #755, A/B 2TL5/2TL7 PILOT LIGHT, 6.3V	\$2
12B7503E20	1	ELAPSED TIME INDICATOR, 220V, 50HZ, DIN RAIL MOUNT	\$260
12B7503E21	1	ELAPSED TIME INDICATOR, 220V, 60HZ, DIN RAIL MOUNT	\$185
12A7503E22	1	THAW TIMER, 8 PIN PLUG-IN, 100-240V., 50/60HZ "2TR"	\$156
12A7503E39	1	TIMER BASE, 8 PIN, GUARDED TERMINAL	\$23

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Control Panel (Con'd)

Note: A timer is the standard method to control the "Freeze Cycle" on P34AL Units. Analogue timers were used until the mid-1990's at that time a change was made to digital timers which are still being used. Please verify the type timer being replaced along with the control voltage to ensure the correct replacement is provided.

<u>Part Number</u>	<u>Req'd</u>	<u>Description</u>	<u>List Each</u>
12A7503E3K	1	KIT, EAGLE DIGITAL TIMER , 208/240V 50/60 HZ Primary Freezing Timer	\$898
12A7503E4K	1	KIT, EAGLE DIGITAL TIMER, 120 VOLT 50/60HZ Primary Freezing Timer	\$856
12A7503E04	1	TIMER, 0-60MIN EAGLE SIGNAL #HP56B601, 240V.,60HZ Analogue Primary Freezing Timer	\$854
12A7503E03	1	TIMER, 0-30MIN EAGLE SIGNAL #HP55B601, 240V.,60HZ Analogue Primary Freezing Timer	\$768
12A7503E2	1	TIMER, 0-15MIN EAGLE SIGNAL #HP518B601, 240V.,60HZ Analogue Primary Freezing Timer	\$636
12A7503E05	1	TIMER, 0-10MIN EAGLE SIGNAL #HP54B601, 240V.,60HZ Analogue Primary Freezing Timer	\$797
12A7503E06	1	TIMER, 0-60MIN EAGLE SIGNAL #HP56A601, 120V.,60HZ Analogue Primary Freezing Timer	\$808
12A7503E02	1	TIMER, 0-30MIN EAGLE SIGNAL #HP55A601, 120V.,60HZ Analogue Primary Freezing Timer	\$636
12A2117C03	1	FREEZER PRESSURE SWITCH, ASCO PG16A Option to Freeze Timer, requires Transducer (12A2117T03)	\$573
12A2117T03	1	TRANSDUCER, ASCO RANGE 6-60 PSI Used with Freezer Pressure Switch 12A2117C03	\$748
12A7517E27	1	RELAY, AB, 10A, 2-NO/2-NC, 208/240 "CR1" Relay for 208/240 Volt Controls	\$102
12A7517E28	2	A/B RELAY, 10A, 3-NO/1-NC, 208/240 "CR2 or CR3" Relay for 208/240 Volt Controls	\$132
12A7517E32	1	RELAY, 10A, 2 NO/2 NC, 120V "CR1" Relay for 120 Volt Controls	\$75
12A7517E33	2	RELAY, 10A,3 NO/1 NC, 120V "CR2 or CR3" Relay for 120 Volt Controls	\$89
12A7518E30	1	A/B AUX. CONTACT, 3A, 1 NO/1 NC, (SIDE MOUNT)	\$45
12A7503E38	1	A/B TIMER, PNEUMATIC, ON-DELAY FOR 700-CF RELAY Time Delay for Cutter Motor on "1CR" Relay	\$274
12A7516E23	1	A/B CONTACTOR, 9-AMP, 3-POLE, 208/240V W/1-NO AUX "2M" Water Pump or "3M" Cutter Motor (9-amp Max)	\$107
12A7516E24	1	A/B CONTACTOR, 12-AMP, 3 POLE, 208/240V W/1-NO AUX "2M" Water Pump or "3M" Cutter Motor (12-amp Max)	\$190

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Control Panel (Con'd)

<u>Part Number</u>	<u>Req'd</u>	<u>Description</u>	<u>List Each</u>
12A7505E21	1	CONNECTOR KIT FOR 140-MN / CONTACTOR Connecting Kit Cutter/Pump Contactor to Motor Starter	\$37
12A7530E55UL	1	MANUAL MOTOR STARTER, 2.5-4.0A	\$317
12A7530E56UL	1	MANUAL MOTOR STARTER, 4.0-6.3A	\$317
12A7530E57UL	1	MANUAL MOTOR STARTER, 6.3-10.0 AMP	\$280
12A7518E33UL	2	AUX. CONTACT, 6A, 1 NO TRIP, 1 NC TRIP Auxillary for Water Pump and Cutter Motor Starter	\$125
Note: If replacing Water Pump Or Cutter Motor Contactor in Pre-1993 Allen Bradley Panel or Pre-1993 Cutler-Hammer Control Panel, the Contactor and Overload Relays listed below will be required (wiring drawing available upon request). Amp rating on motors should be set in compliance with name plate amp rating when setting the overload relay.			
12A7516E24	1	A/B CONTACTOR, 12-AMP, 3 POLE, 208/240V W/1-NO AUX "2M" Water Pump or "3M" Cutter Motor (12-amp Max) Water Pump or Cutter Motor Contactor (12-amp Max)	\$190
12A7538E11	1	OVERLOAD RELAY, 1-5AMP SOLID STATE Cutter Motor or Water Pump 460 Volt	\$233
12A7538E12	1	OVERLOAD RELAY, 3.2-16AMP SOLID STATE Cutter Motor or Water Pump 230 Volt	\$233
12A7519E31		TRANSFORMER, HEVI-DUTY 1KVA 240/480-120/240 60HZ	\$380
12A7519E24		TRANSFORMER, HEVI-DUTY, 1KVA, 380/400/50 HZ,	\$1,143
12A7515E21S	1	CIRCUIT BREAKER, 3A, 2 POLE, 4 "CB4" Control Circuit 460V	\$197
12A7515E22S	1	CIRCUIT BREAKER, 6A, 2 POLE, 4 "CB4" Control Circuit 200/208/230V	\$240
12A7515E33S	1	CIRCUIT BREAKER, 4A, 2 POLE, 4 "CB4" Control Circuit 400V	\$230

Freezer Components

<u>Part Number</u>	<u>Req'd</u>	<u>Description</u>	<u>List Each</u>
12A2600G1	1	FREEZER COVER GASKET 37" OD x 33" ID x 3/16"	\$270
12B2145C07	1	P34 POLYCARBONATE FREEZER COVER W/4" VENT HOLE (Requires the valve and pipe listed below when replacing stainless, galvanized or polycarbonate cover with 2-1/2" hole)	\$678
12A4200B1008	1	VALVE, AIR ADMITTANCE, 4" MAXI-VENT	\$165
19T3049P0401	1	PIPE, 4" STD. WT. PVC 8" LG. (DRILLED)	\$222
19T4001S0916	4	P34 FREEZER COVER RETAINING RINGS	\$169
12A2240H4109	16	NUT, WING, BRASS, 3/8"-16NC	\$4
12A2250A12	16	WASHER, CUT 3/8" x 1" O.D. SS	\$2
12B2185V12	564	1" VENT TUBE WATER DISTRIBUTOR, 16GA WHITE	\$5
12B2185V22	420	1-1/4" VENT TUBE WATER DISTRIBUTOR, 16GA WHITE	\$6
12B2185V32	306	1-1/2" VENT TUBE WATER DISTRIBUTOR, 16GA WHITE	\$6
12B2185V42	228	1-3/4" VENT TUBE WATER DISTRIBUTOR, 16GA WHITE	\$6

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Freezer Components (Con'd)

<u>Part Number</u>	<u>Req'd</u>	<u>Description</u>	<u>List Each</u>
12A4009R01		PLUG, RUBBER 7/8" OD X 2" LG FOR 1" TUBES <i>Requires 3/8" Bolt, Nut & Washers</i>	\$17
12A4009R02		PLUG, RUBBER 1"OD X 2 1/2"LG FOR 1-1/4" TUBES <i>Requires 3/8" Bolt, Nut & Washers</i>	\$26
12A4009R03		PLUG, RUBBER 1 1/4"OD X 2 1/2" FOR 1-1/2" TUBES <i>Requires 3/8" Bolt, Nut & Washers</i>	\$60
12A4009R04		PLUG ,RUBBER 1 1/2"OD X 2 1/2" FOR 1-3/4" TUBES <i>Requires 3/8" Bolt, Nut & Washers</i>	\$60
12A2215H1119	1	CAP SCREW, 3/8"-16NC X 3" LONG	\$3
12A2240A1109	1	NUT, HEX 3/8"-16NC S.S.	\$2
12A2250A12	2	WASHER, CUT 3/8" x 1" O.D. SS <i>(Use this washer for 1" tubes)</i>	\$2
12A2250A109	2	WASHER, CUT 3/8" x 7/8" O.D. SS <i>(Use this washer for 1 1/4", 1 1/2" & 1 3/4" tubes)</i>	\$2
12A7500E22	1	FLOAT SWITCH, HANSON #HLL (DIFFERENTIAL SET @ 1/2") <i>Replaces Alco FS1A or RS Type LL</i>	\$1,111
12A7500E24		SWITCH ASSEMBLY #HLL-SW FOR HANSON <i>Also can be used on RS Type LL</i>	\$568
12A7509E17		HEATER, HANSEN #HTR2 FOR 12A7500E22 FLOAT SWITCH <i>Optional - Heater for Refrigerant Float Switch Asembly</i>	\$237
12A2600F01	2	FLANGE GASKET FOR 3/4" & 1" 2-BOLT FLANGE	\$19
12A2625G03	1	GAGE GLASS 1/2" X 28-1/8" LONG <i>For Use with Hand Wheel Gage Cock Valves</i>	\$87
12A2625G11	1	GAGE GLASS, 1/2" X 28 3/8" LONG <i>For Use with Service Wrench Gage Cock Valves</i>	\$89
12A2625G05	1	GAGE GLASS 1/2" X 29" LONG <i>For Custom Application (Cut to Fit)</i>	\$92
19T2635G06	1	GAGE GLASS GUARD SET, 27 1/4" <i>For Use with Service Wrench Gage Cock Valves</i>	\$231
12A2635G06	1	GAGE GLASS GUARD 60" LENGTH <i>For Custom Application (Cut to Fit)</i>	\$50
12A4199V26	2	GAGE GLASS PACKING O-RING FOR 1/2" DIAMETER	\$13
12A4200J0405	1	UPPER GAGE COCK VALVE, STEEL <i>Replaced Hand Wheel Valve 12A4200J0401 - May 1999</i>	\$246
12A4200J0406	1	LOWER GAGE COCK VALVE, STEEL <i>Replaced Hand Wheel Valve 12A4200J0402 - May 1999</i>	\$246
12A3050C0301	2	PIPE NIPPLE, 1/2" X 1-1/2" LONG	\$5
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	\$293
12A4200M0402	1	3-WAY VALVE 1/2" NPT	\$325

P34AL Series Parts List

Cutter Drive

Note: The cutters on the original P34 units were nickel plated carbon steel with a galvanized water tank. In 1977 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 reducer and U.S. Motor.

<u>Part Number</u>	<u>Req'd</u>	<u>Description</u>	<u>List Each</u>
19T2165K3400	1	GEARMOTOR REPLACEMENT KIT, RELIANCE TO GROVE-P34 <i>Replaces Reliance Gearmotor used until 1998 (Grove Gearmotor, Mounting Plate, Spit Taper Bushing)</i>	\$3,432
12A2900M0803	1	GEARMOTOR, GROVE 15:1, 2HP, 230-460V-3P-50/60HZ <i>Units Built Since 1998</i>	\$2,829
12A2900M0805	1	MOTOR, 2 HP, FOR GROVE GEARMOTOR 12A2900M0803	\$870
12A4030R11	1	REDUCER, GROVE 15:1 FOR GEARMOTOR 12A2900M0803	\$2,069
12A4080S18	1	SEAL KIT FOR GROVE REDUCER 12A4030R11 <i>Includes Input & Output Seal</i>	\$96
19T1501S26	1	P34 MTING PLATE ASSY FOR 2HP GROVE REDUCER	\$400
12B2615D05	1	P34 DRIVE GEAR , ALUMINUM / BRONZE 12" PD, 96 TEETH <i>Replaces Cast Iron Gear</i>	\$2,239
12A4080S11	1	SEAL, KIT #07901938AE FOR RELIANCE 2HP GEARMOTOR	\$372
12B2060B01	1	DRIVE GEAR HUB, STAINLESS STEEL 1-1/8" BORE <i>Used with Reliance gearmotors</i>	\$322
12B2060B02	1	DRIVE GEAR HUB, STAINLESS STEEL 1-1/4" BORE <i>Used with Grove gearmotors</i>	\$322
12A2215G111	3	CAP SCREW, 5/16"-18NC X 1" SS HEX HEAD	\$1
12A2250B108	3	WASHER, LOCK 5/16" SS (300 SERIES)	\$1
19T2615R04	1	P34 FINISHED RING GEAR	\$3,282
12A3040S05	8	ROLL PIN, 1/4" X 3/4" STAINLESS STEEL	\$2

Cutter Internals

<u>Part Number</u>	<u>Req'd</u>	<u>Description</u>	<u>List Each</u>
19T2035B02	2	CUTTER BLADE, P34, 15" LONG	\$546
19T2010A13	2	P34 ADAPTOR PLATE	\$312
19T4130T09	8	SPACER, 1/2" X 15/16" LONG	\$32
12A2226H1117	8	MACHINE SCREW, FLAT HEAD SS, 3/8"-16NC x 2-1/2" LG <i>For Adaptor Plates</i>	\$4
12A2240A1309	8	NUT, HEX 3/8"-16NC S.S.	\$2
19T2025B0162	1	P34 BEARING BRACKET ASSEMBLY	\$7,139
19T2163D0403	1	TINES DISC - P34 CYLINDER ICE	\$4,932
19T4130C02	1	P24/34 TINES DISC HUB SPACER	\$140
19T4090S03	1	P24/34 CUTTER SHAFT	\$1,196
19T4065R01	1	P24/34 CUTTER RETAINING SPACER	\$109
19T2165K2434	1	P24/P34 CUTTER REPAIR KIT <i>Kit Contains Items for Cutter Maintenance and Rebuild</i>	\$1,450

P34AL Series Parts List

Water Tank/Circulating Water

<u>Part Number</u>	<u>Req'd</u>	<u>Description</u>	<u>List Each</u>
19T2165C0306	1	S.S. CUTTER/TANK ASSEMBLY FOR P34 <i>Includes complete cutter assembly and drive train, water tank tines disc, & bearing support. Does not include water pump or internal water piping (specify tube size when ordering)</i>	P.O.R.
12A2600G11	1	WATER TANK GASKET, 40"OD x 37"ID x 3/16"	\$318
12A4200H0603	1	FLOAT VALVE, 1-1/2" ROBERTS LEAD FREE BRASS <i>Current Valve used on Water Tanks with 1 1/2" Connection</i>	\$298
12A3050S0701		PIPE NIPPLE 1 1/2" ALL THREAD	\$9
12A4200HP05		VALVES, STEM, FOR ROBERTS,	\$35
12A4200HP05A		VALVES, STEM ADAPTER FOR WATER FLOAT VALVE	\$80
12A4200HP04		FLOAT BALL, FOR ROBERTS 1 1/2" FLOAT VALVE	\$35
12A4200H0606	1	VALVE, FLOAT, ROBERTS 3/4" MPT, LEAD FREE BRASS <i>Used on Water Tanks from 1994 to 2004 W/3/4" Connection</i>	\$105
12A4200HP01	1	STEM FOR ROBERTS FLOAT, 10" LG x 1/4-20 THREAD BRASS	\$13
12A4200HP02	1	FLOAT FOR ROBERTS, 4" CYL x 6" LG W/1/4-20 THREAD	\$25
12A4200H0801	1	FLOAT VALVE, HUDSON 1" FPT	\$98
12A4020G12	1	PUMP, GOULD SSH-C, 3 HP, 208-230/460V-3P-50/60HZ <i>Stainless Steel Housing, Bottom Flange Mount</i>	\$8,360
12A2600R09	2	GASKET, P24/P34 S.S. PUMP	\$7
12A4200A0607LF	1	VALVE, WATER, 3/4", LEAD FREE, GRANZOW, LESS COIL <i>Water Tank Flush Valve (Replaces Sporlan & Jake Evans)</i>	\$406
12A2105C42K	1	ASSEMBLY, COIL, 230/240V GRANZOW	\$200
12A2105C41K	1	ASSEMBLY, COIL, 110/120V GRANZOW	\$200
126223	1	COIL FOR SPORLAN SOLENOID, 230V/60HZ	\$64
12A2105C06	1	COIL FOR SPORLAN SOLENOID, 120 VOLT, 50/60 HZ	\$83
12A2105C17	1	COIL, J/E #G-23, 208/230V., 50/60	\$48
12A4170T01	1	THERMOMETER, WEKSLER, 2" DIAL, 4" STEM 25-125 DEG F.	\$59
12A4205G0601LF	1	3/4" STOP VALVE, LEAD FREE BRONZE	\$72
12A4181T15	12	TUBING, PLASTIC, CLEAR, 2-7/8" ID x 3-1/4" OD NSF <i>Circulating Water (Priced per ft.) (12ft. Lengths Only)</i>	\$25
12A4181T09	15	TUBING, PLASTIC, CLEAR, 2" ID x 3/16" THK <i>Overflow (Priced per ft.)</i>	\$15
12A4078C02	1	CURTAIN, P34 CRUSHED ICE	\$28
12A4020S03	1	SCOT PUMP, PMP-56, 3 HP, 230/380/460V-3P-50/60HZ <i>Cast Iron Housing</i>	\$3,495
12A2600R03	1	GASKET, 5-1/4" OD x 3-1/4" ID x 1/8" RED RUBBER, 3" FLANGE <i>For Scot Pump Suction</i>	\$5

P34AL Series Parts List

Liquid Line

<u>Part Number</u>	<u>Req'd</u>	<u>Description</u>	<u>List Each</u>
12A4200C0802	1	EXPANSION VALVE, HANSEN 1" SOCKET WELD	\$300
12A4200A0801	1	VALVES, SOLENOID, HANSEN HS7A <i>Replaces Alco M511 & Hansen HS8</i>	\$920
12A4140S07	1	STRAINER, HANSEN 1", 60 MESH, W/DRAIN CONNECTION	\$273
12A2600F01		FLANGE GASKET FOR 3/4" & 1" 2-BOLT FLANGE	\$19
12A2538S0107		FLANGE SET, 1" FPT, HANSEN 2-BOLT	\$90
12A4200B0602	1	CHECK VALVE, HANSEN, 1-1/4" PORT WITH ADAPTOR RING	\$389
126229	1	COIL, HANSEN, 208/240V-50/60HZ	\$107
12A2105C08	1	COIL, HANSEN, 115V-50/60HZ (1/2" FITTING)	\$131
12A4199V52	1	REPAIR KIT FOR HANSEN HS7	\$351
12A7500E22	1	FLOAT SWITCH, HANSON #HLL (DIFFERENTIAL SET @ 1/2") <i>Replaces Alco FS1A or RS Type LL</i>	\$1,111
12A7500E24	1	SWITCH ASSEMBLY #HLL-SW FOR HANSON <i>Also can be used on RS Type LL</i>	\$568
12A7509E17		HEATER, HANSEN #HTR2 FOR 12A7500E22 FLOAT SWITCH <i>Optional - Heater for Refrigerant Float Switch Asembly</i>	\$237
12A2600F01	2	FLANGE GASKET FOR 3/4" & 1" 2-BOLT FLANGE	\$19

Thawing Gas Line

<u>Part Number</u>	<u>Req'd</u>	<u>Description</u>	<u>List Each</u>
12A4200D1402	1	REGULATOR, HANSEN HA40S 2" 240V COIL <i>Replaces Hubbell PHS, Alco FA5-18 & RS #A40AS</i>	\$2,239
19T2535H0200	1	ADAPTOR RING, HUBBELL TO HANSEN-2"	\$110
12A4199V34H	1	REPAIR KIT FOR 2" HANSEN HA40S REGULATOR	\$1,130
126229	1	COIL, HANSEN, 208/240V-50/60HZ	\$107
12A2105C08	1	COIL, HANSEN, 115V-50/60HZ (1/2" FITTING)	\$131
126246	1	COIL, RS #201402 (240/60HZ) FOR S4AE & S7A	\$184
126247	1	COIL, RS #201406, A3M PKGD, (230/50HZ) FOR S4AE & S7A	\$126
12A4140S18	1	STRAINER, HANSEN ST200 2"	\$769
12A4200B1403	1	CHECK VALVE, HANSEN 2" (9-7/8" LONG, FEMALE FLGS) <i>Note: Henry & Hubbell check valves both obsolete</i>	\$995

P34AL Series Parts List

Valves-Flanges-Gaskets

<u>Part Number</u>	<u>Req'd</u>	<u>Description</u>	<u>List Each</u>
12A4200G021		VALVES, 1/4" MPT x 1/4" FPT ANGLE	\$72
12A4200G0202		ANGLE VALVE, 1/4" MPT x 1/4" FPT	\$87
12A4200G0402		ANGLE VALVE, 1/2" MPT x 1/2" FPT	\$122
12A4200G0407		VALVES, GLOBE, HANSEN 1/2" SOCKET WELD	\$213
12A4200G0603		ANGLE VALVE, 3/4" FPT x 3/4" FPT	\$432
12A4200G0608		VALVE HANSEN 3/4" ANGLE THREAD	\$192
12A4200G0605		VALVES, ANGLE SOCKET WELD, 3/4	\$228
12A4200G0606		VALVES, ANGLE, 3/4" HANSEN SOCKET WELD	\$238
12A4200G0607		VALVES, GLOBE, 3/4" SOCKET WEL	\$267
12A4200G0804		VALVES, ANLGE, 1" SOCKET WELD	\$272
12A4200G0805		VALVES, GLOBE, 1" SOCKET WELD	\$268
12A4200G1406		VALVE, 2" SOC WELD HANSEN GS20	\$528
12A4200G1806		VALVES, GLOBE, STOP 3" WELD HANSEN	\$1,024
12A4200G2104		VALVES, ANGLE STOP 4" B.W. HAN	\$1,398
12A4200D1601		3" DUAL PRESS REG. HANSEN HA4AD W/STRAINER-230V	P.O.R.
12A4200D1701		4" DUAL PRESS REG. HANSEN HA4AD W/STRAINER-230V	P.O.R.
12A2538S0106		FLANGE SET, 3/4" FPT, HANSEN 2-BOLT	\$99
12A2538S0107		FLANGE SET, 1" FPT, HANSEN 2-BOLT	\$90
12A2530G0206		FLANGE, 2" HENRY GROOVE SOCKET WELD	\$123
12A2530T0206		FLANGE, 2" HENRY TONGUE SOCKET WELD	\$78
12A2535T0106		FLANGE ADAPTOR, 2" MALE TO MALE	\$60
12A2530G0208		FLANGE, 2-1/2" HENRY GROOVE SOCKET WELD	\$131
12A2530T0208		FLANGE, 2-1/2" HENRY TONGUE SOCKET WELD	\$92
12A2530G021		FLANGE, 3" HENRY GROOVE SOCKET WELD	\$209
12A2530T021		FLANGE, 3" HENRY TONGUE SOCKET WELD	\$122
12A2530G0212		FLANGE, 4" HENRY GROOVE SOCKET WELD	\$259
12A2530T0212		FLANGE, 4" HENRY TONGUE SOCKET WELD	\$202
12A2600F01		FLANGE GASKET FOR 3/4" & 1" 2-BOLT FLANGE	\$19
12A2600F04		GASKET, 2" HENRY	\$16
12A2600F05		GASKET, 2-1/2" HENRY	\$16
12A2600F06		GASKET, 3" HENRY	\$18
12A2600F08		GASKET, 4" HENRY	\$29

Pressure Line & Fittings

<u>Part Number</u>	<u>Req'd</u>	<u>Description</u>	<u>List Each</u>
12A4182S03		TUBING, 1/4" OD TYPE 304 STAINLESS (PRICED PER FT)	\$3
12A2452M02		CONNECTOR, MALE, 1/4" MPT x 1/4" TUBING	\$16
12A2452E01		ELL, 90 DEG 1/4" MPT X 1/4" TUBING	\$23
12A2452F01		CONNECTOR, FEMALE 1/4" FPT x 1/4" TUBING	\$13
12A2452T01		TEE, UNION, 1/4" x 1/4" x 1/4" TUBING	\$37
12A2452T02		TEE, 1/4" TUBING x 1/4" TUBING x 1/4" MPT	\$56
12A2100C0303		CLAMPS, 1/4" OD TUBING	\$1