

M6000-M9000 Series Parts List

Control Panel Components

<u>Part Number</u>	<u>Req'd</u>	<u>Description</u>
12A7500E07	1	SELECTOR SWITCH, 3-POSITION A/B
12A7500E05	1	SWITCH #11210007 TOGGLE DP-DT On-Off-Thaw Switch (Replaces On-Off on older models)
12A7500E08	1	SWITCH, TOGGLE, STEMCO #1145, Ice-Clean Switch (Also used as On-Off on older models)
12A2117G01	2	A/B THERMOSTAT, 15FT
12A2117G04	2	A/B THERMOSTAT, 15FT WITH ENCLOSURE
126114T		THERMOSTAT MOUNTING BRACKET
12A2117B01	1	LOW PRESSURE CONTROL 836L32
12633	1	HIGH PRESSURE CONTROL 836H33XNAS60
12A2117E01	2	FREEZER PRESSURE SWITCH-R12
12A2117F06	1	CONDENSER FAN CONTROL SWITCH Replaces Mercoïd fan control #DA-34-3B
12D2590G08	1	GAGE, 2.5" LQD FILLED, 30"-150 Freezer Pressure Gage
12D2590G09	1	GAGE, 2.5" LQD FILLED, 30"-400 Condenser Pressure Gage
126005	2	CONDENSER GAUGE BRACKET FOR 3" GAGE
12A7503E22	1	THAW TIMER, 8 PIN PLUG-IN, 100-240V., 50/60HZ Replaces all other timers (base needed for replacement)
12A7503E2201	1	TIMER BASE #0T08-PC, EIGHT PIN PLUG-IN
12A7516E43	2	A/B CONTACTOR, 9-AMP, 4-POLE, 208/240V W/2-NO,2-NC Control Relay or Reversing Relay (replaces Potter-Brumfield)
12A7518E30	1	A/B AUX. CONTACT, 3A, 1 NO/1 NC, (SIDE MOUNT)
12A7518E01		CONTACT CARTRIDGE 700-C1 FOR A/B N-TYPE RELAYS
12A7516E28	1	A/B CONTACTOR, 37-AMP, 3-POLE, 208/240V W/1-NO AUX. Control Contactor (CC) (Replaces Furnas 12A7516E05)
12A7516E30	1	A/B CONTACTOR, 72AMP, 3-POLE, 208/240V COIL Compressor Contactor (C) (Requires at least 5" Panel Depth) Requires N/O Auxillary Contact 12A7518E31 Replaces Furnas 40FP32AA or 40HF32AA
12A7518E31	1	A/B AUX. CONTACT, 3A, 2 NO, (SIDE MOUNT)
12A7516E26	1	A/B CONTACTOR, 23-AMP, 3-POLE, 208/240V W/1-NC AUX Air-Cooled Fan Contactor (Replaces Furnas 12A7516E02)

M6000-M9000 Series Parts List

Control Panel Components (Con'd)

<u>Part Number</u>	<u>Req'd</u>	<u>Description</u>
12A7515E01	1	CIRCUIT BREAKER 2.5 AMP,AIRPAX
12A7515E05	1	CIRCUIT BREAKER 3.0 AMP,AIRPAX
12A7515E07	1	CIRCUIT BREAKER 4.5 AMP,AIRPAX
12A7515E04	1	CIRCUIT BREAKER 5.0 AMP,AIRPAX
12A7515E17	1	CIRCUIT BREAKER 5.5 AMP, AIRPAX
12A7515E06	1	CIRCUIT BREAKER 6.0 AMP,AIRPAX
12A4000G0104	2	CIRCUIT BREAKER MOUNTING BRACKET
12A7502E07	1	FUSE HOLDER,LITTEL FUSE SHOCK
12A7504E09	2	FUSE 2 AMP.250V.,1/4"D X 1 1/4 <i>(Control Circuit Fuse, order in multiples of 5)</i>
1274195CB	1	SWITCH HH83XB356 HEINEMANN 78/90 AMP <i>Compressor Circuit Breaker, M9000 208/230V (460V #83-1008-63 by Special Order Only)</i>
12A7519E31	1	TRANSFORMER, HEVI-DUTY 1KVA 240/480-120/240 60HZ <i>Water-Cooled Units</i>
12A7519E08	1	TRANSFORMER 3 KVA P-240/480V, S-120/240V, 50/60HZ <i>Air-Cooled Units</i>
12A7516E23	1	A/B CONTACTOR, 9-AMP, 3-POLE, 208/240V W/1-NO AUX Power Failure or Compressor Delay Relay <i>(Replaces Furnas 12A7516E01)</i>
12A7500E17	1	C/H PUSH-BUTTON SWITCH (GREEN) W/START NAMEPLATE
12A7518E03	1	C/H CONTACT BLOCK FOR PUSH-BUTTON SW (1-N/O,1-N/C)
12A7503E12	1	COMPRESSOR DELAY TIMER, ICM #BMS230A1X5, 230VAC

Freezer Components

<u>Part Number</u>	<u>Req'd</u>	<u>Description</u>
12A4200R0702	1	ROTA-LOCK VALVE VERTICAL 7/8" ID SWT x 1-1/4-12 THREAD <i>(Required only with new freezer above)</i>
12A2600T01	1	ROTA-LOCK PRIMORE TEFLON SEAL FOR 1-1/4-12 THREAD
12A4200G0301	1	CHARGING VALVE, 3/8 MPT X 1/2 SAE FLARE <i>(Required only with new freezer above)</i>

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Freezer Components (Con'd)

<u>Part Number</u>	<u>Req'd</u>	<u>Description</u>
12B2185N11	156	1" WATER DISTRIBUTOR SANOPRENE NO VENT <i>For 1" tube M9000</i>
12B2185N21	102	1-1/4" WATER DISTRIBUTOR SANOPRENE NO VENT <i>For 1-1/4" tube M7000</i>
12B2185N31	72	1-1/2" WATER DISTRIBUTOR SANOPRENE NO VENT <i>For 1-1/2" tube M6000</i>
12A2600G07	1	FREEZER COVER GASKET 18-1/8" OD X 16-3/4" ID X 3/16"
12A2222H1123	8	STUD BOLT, 3/8"-16NC X4 1/4"LG
12A2250A12	8	WASHER, CUT 3/8" x 1" O.D. SS
12A2240H4109	8	NUT, WING, BRASS, 3/8"-16NC
12A2760F		INSULATION ENSOLITE (PER LINEAR FT-60" LONG)
12A4200L0401	1	RELIEF VALVE SET @ 235#, 1/2" MPT x 5/8" SAE
12A2055B02	1	BRUSH, STAINLESS STEEL #GTC210 FOR 1" TUBES
12A2055B04	1	BRUSH, STAINLESS STEEL #GTC210 FOR 1 1/4" TUBES
12A2055B03	1	BRUSH, STAINLESS STEEL FOR 1-1/2" TUBE
12A4009R01	1	PLUG, RUBBER 7/8" OD X 2" LG FOR 1" TUBES
12A2215H1116	1	CAP SCREW, 3/8"-16NC X 2-1/4" LONG <i>(Use this bolt for 1" tubes)</i>
12A2250A109	2	WASHER, CUT 3/8" x 7/8" O.D. SS <i>(Use this washer for 1" tubes)</i>
12A4009R02		PLUG, RUBBER 1"OD X 2 1/2"LG FOR 1-1/4" TUBES
12A4009R03		PLUG, RUBBER 1 1/4"OD X 2 1/2" FOR 1-1/2" TUBES
12A2215H1119	1	CAP SCREW, 3/8"-16NC X 3" LONG <i>(Use this bolt for 1-1/4" or 1-1/2" tubes)</i>
12A2250A12	2	WASHER, CUT 3/8" x 1" O.D. SS <i>(Use this washer for 1-1/4" or 1-1/2" tubes)</i>
12A2240A1109	1	NUT, HEX 3/8"-16NC S.S.

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Compressors / Components

<u>Part Number</u>	<u>Req'd</u>	<u>Description</u>
12A2110A62	1	CARLYLE SEMI-HERMETIC COMP.-10HP 208/230V-3P-60HZ M6000 & 7000 Models, 208/230V-3P-60HZ (335lbs)
12A2110A64	1	CARLYLE SEMI-HERMETIC COMP.-10HP 400/460V-3P-50/60HZ M6000 & 7000 Models, 460V-3P-60HZ or 380/400V-3P-50HZ
12A2110A7	1	CARLYLE SEMI-HERM COMP.-15HP 208/230/460V-3P-50/60HZ M9000, 208/230/460V-3P-50/60HZ
12A7509E02	1	CRANKCASE HEATER 180 WATT, INSERTION
12A7509F01	1	RETAINER RING FOR INSERTION HEATER
12A7509F02	1	THERMAL GREASE PACKET
12A2110P0201	3	COMPRESSOR VALVE PLATE PKG FOR CARLYLE O6D M6000/7000
12A2110P0204	2	COMPRESSOR VALVE PLATE PKG FOR CARLYLE O6E M9000
12A2110P0215	1	CARLYLE COMPRESSOR PUMP END BEARING HEAD ASSY M6000/7000
12A2110P0212	1	COMPRESSOR, PUMP END BEARING HEAD ASSY FOR O6E M9000
126608	1	GASKET SET FOR CARLYLE O6D COMPRESSOR M6000/7000
126608ER	1	GASKET SET FOR CARLYLE O6E COMPRESSOR M9000
12A7523E11	2	OVERLOAD KLIXON 8348B19-11 M6000/7000, 208/230V
12A7523E03	2	OVERLOAD KLIXON 8347A23-63 M6000/7000, 460V
12A2117A01	1	OIL PRESSURE SWITCH, 60SEC DELAY
12A2110P0213	1	COMPRESSOR DISCHARGE TEMPERATURE SENSOR PKG
12A4200S13	1	CARLYLE SERVICE VALVE, 1-5/8" ODS Suction Service Valve for M6000/7000 10HP
12A4200S15	1	CARLYLE SERVICE VALVE, 2-1/8" ODS Suction Service Valve for M9000 15HP
12A4200S09	1	CARLYLE SERVICE VALVE, 1-1/8" ODS Discharge Service Valve
126611	1	CARLYLE SERVICE VALVE GASKET M6000/7000 - Suction
12A2110P0228	1	CARLYLE SERVICE VALVE GASKET M9000 - Suction
12661	1	CARLYLE SERVICE VALVE GASKET Discharge

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Cutter Drive/Cutter Internals

<u>Part Number</u>	<u>Req'd</u>	<u>Description</u>
12A2900M0507	1	CUTTER MOTOR, 1/2HP 208/230V-1P-50/60HZ Requires 5.5 amp Circuit Breaker
12A4030R12	1	GEAR REDUCER, GROVE 10:1 WASHDOWN W/VENT
19T3020C01	1	GEAR OIL, 10 OUNCE BOTTLE, TEXACO CYGNUS
19T2615D01	1	CUTTER DRIVE GEAR TI-59 W/O HUB
12A2160H0101	1	CUTTER DRIVE GEAR HUB 5/8" BORE
12A2215F1112	3	CAP SCREW, 1/4"-20NC X 1 1/4"Long SS Hub mounting screws
12A2250B107	3	WASHER, LOCK 1/4" SS (300 SERIES)
12B2020R01	1	UHMW CUTTER BEARING FOR M1500 thru P418F
12A3040S02	1	CUTTER BEARING ROLL PIN 3/16" X 1/2"
19T2025B0101	1	BEARING BRACKET FOR 18" CUTTER
12A2170D03	1	ICE DEFLECTOR PLATE FOR M6000-9000
12A4071S03	1	RIVET, 3/16 X 2 1/4 FLAT HD. FOR ICE DELECTOR DOOR
19T2163D0202	1	CUTTER DISC, STAINLESS STEEL FOR 18" CUTTER
12A3040S01	1	CUTTER DISC ROLL PIN, 1/4" X 1 1/2"
19T4073R07	1	CUTTER DISC ROLL PIN TOOL
126413A	1	CUTTER ASSEMBLY 18" REVERSIBLE W/SHAFT & RING GEAR
12A2005A03	1	PLATE ADAPTOR KIT FOR 1" ICE M6000 (Includes spacers, nuts & bolts below)
12A4130S02	3	SPACER, ADAPTOR PLATE, 5/8"OD x 3/8" LONG
12A2226F1109	3	MACHINE SCREW, FLAT HEAD SS, 1/4" x 7/8"
12A2240A1307	3	NUT, HEX 1/4"-20NC S.S.
12A2250B107	3	WASHER, LOCK 1/4" SS (300 SERIES)

Water Pump/Circulating Water

<u>Part Number</u>	<u>Req'd</u>	<u>Description</u>
12A2600G05	1	WATER TANK GASKET 22" OD x 19" ID x 3/16"
12A4200H0201	1	FLOAT VALVE, 1/4" ROBERTS #RM150-10
12A4020G25	1	PUMP, GOULD NPE, 3/4 HP, 1750 Replaces Sidewall Mounted Pumps Replaces American Products Pump for 50HZ or 60HZ
12A4020Z05	1	WATER PUMP CONVERSION KIT-SIDEWALL TO AP PUMPS May also require new circuit breakers
12A4080S04	1	SEAL ASSEMBLY #397012 FOR A/P PUMP
126628AP	1	PUMP HOUSING O-RING #391015 FOR A/P PUMP
12A2600G03	1	PUMP SUCTION GASKET, 7 1/2" x 4 1/2" x 3/16" For Sidewall Mounted Pumps

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Water Pump/Circulating Water (Con'd)

<u>Part Number</u>	<u>Req'd</u>	<u>Description</u>
12A4080S01	1	SEAL, ASSY US #PS-877 FOR AURORA 320 SERIES
12A4181T06	7FT	TUBING, TYGON B-44-3, 1-1/2" OD x 1-1/4" ID <i>Circulating Water Tubing (priced per foot)</i>
12A4181T03	1	TUBING, TYGON B-44-3, 1-3/4" OD x 1-1/4" ID <i>Pump Suction Tubing (priced per foot)</i>
12A4181T02	2	TUBING, TYGON B-44-3, 1-1/8" OD x 7/8" ID <i>Water Tank Drain Tubing (priced per foot)</i>
12A4181T08	3	TUBING, TYGON B-44-3, 3/8" OD x 1/4" ID <i>Blowdown Tubing (priced per foot)</i>
12A2100C0201		CLAMPS, SS HOSE, 13/16" x 1 3/4"
12A4200G0101	1	PET COCK VALVE, 1/8" MPT x 1/4" HOSE

Condenser-Receiver

Note: Shell & Coil Condenser-Receiver no longer manufactured.

<u>Part Number</u>	<u>Req'd</u>	<u>Description</u>
12A2115S0101	1	STANDARD CONDENSER #KH10X <i>Shipping Weight Approx 150#</i>
12A2055B01	1	CONDENSER CLEANING TOOL, ADJUSTABLE 3/8" x 1/2" ID
1265961	1	GASKET SET-K10X, KH10X, QC3X & QC5X "STANDARD" COND.
126595M	4	GASKET FOR HALSTEAD-MITCHELL MANIFOLD END
126595P	4	GASKET FOR HALSTEAD-MITCHELL PLAIN END
12A4200E0802	1	WATER REGULATING VALVE, 1" FPT <i>M6000/7000</i>
12A4200E1001	1	WATER REGULATING VALVE, 1-1/4" FPT <i>M9000</i>
12A2625G06	1	GAGE GLASS 1/2" X 15-1/8" LONG <i>For Brass Valves</i>
12A2625G0601	1	GAGE GLASS 1/2" X 16-1/4" LONG <i>For Steel Valves</i>
12A4200J0405W	1	VALVE, UPPER GAGE COCK WESTERM <i>Replaced Brass Valve 12A4200J0403 - May 1999</i>
12A4200J0406W	1	VALVE, LOWER GAGE COCK WESTERM <i>Replaced Brass Valve 12A4200J0404 - May 1999</i>
12A3050C0301	2	PIPE NIPPLE, 1/2" X 1-1/2" LONG
12A2635G02	1	GAGE GLASS, GUARD SET 14" LG <i>Use with 15-1/8" glass</i>

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Condenser-Receiver (Con'd)

<u>Part Number</u>	<u>Req'd</u>	<u>Description</u>
19T2635G07	1	GAGE GLASS GUARD SET, 18 5/8" <i>Use with new steel valves (cut to fit)</i>
12A4199V26	2	GAGE GLASS PACKING O-RING FOR 1/2" DIAMETER
12A4200L0401	1	RELIEF VALVE SET @ 235#, 1/2" MPT x 5/8" SAE
12A4200G0501	1	ANGLE VALVE, SUPERIOR 5/8" ODC <i>Liquid Outlet Valve (King Valve)</i>
12A4200G0201	1	VALVES, 1/4" MPT X 1/4" SAE <i>Receiver Drain Valve</i>

Air-Cooled Condenser

<u>Part Number</u>	<u>Req'd</u>	<u>Description</u>
12A2115B05	1	CONDENSER, BOHN # DVT012, 208/230-1P-50/60HZ <i>M6000/7000</i>
12A2115B06	1	CONDENSER, BOHN # DVT016, 208/230-3P-50/60HZ <i>M9000</i>
12A2900M0506		CONDENSER FAN MOTOR, 1/2HP, 208/230-1-60HZ <i>HDD-131 (2), HDD191 (3) for Kramer</i>
12A2115P0401		CONDENSER, FAN BLADE, 24" <i>HDD-131 (2), HDD191 (3) for Kramer</i>

Water-Cooled to Air-Cooled Conversion

<u>Part Number</u>	<u>Req'd</u>	<u>Description</u>
12A7516E26	1	A/B CONTACTOR, 23-AMP, 3-POLE, 208/240V W/1-NC AUX
12A2117F06	1	CONDENSER FAN CONTROL SWITCH
12A4200A09041	1	SOLENOID VALVE, SPORLAN 1-1/8" W/COIL <i>Discharge Line Solenoid (X)</i>
12A4200B0701	1	CHECK VALVE, 7/8" O.D. <i>Liquid Return</i>

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Liquid Line

<u>Part Number</u>	<u>Req'd</u>	<u>Description</u>
127632	1	HAND EXPANSION VALVE, HENRY 5/8" ODC M6000/7000 (Replaces Superior valve)
12A4200A0401	2	SOLENOID VALVE, ALCO 1/2" ODC, 5-16" PORT, LESS COIL M6000/7000 Liquid Line Solenoid (A) Replaces Asco 8521 Series
12A2105C01	2	COIL, ALCO AMG, 208/240V-50/60HZ
126225	2	COIL #64-982-5D FOR ASCO #8521
12A7500E22	1	FLOAT SWITCH, HANSON #HLL (DIFFERENTIAL SET @ 1/2") M6000/7000 (Replaces Also FS or RS Type LL)
12A7500E24	1	SWITCH ASSEMBLY #HLL-SW FOR HANSON Also can be used on RS Type LL
12A4200C0603	1	EXPANSION VALVE, PHILLIPS, 3/4, .358 TAPER PLUG M9000
12A4199V25	1	REPAIR KIT FOR PHILLIPS 700VHF Includes Piston, Spring, Seat, Plug & Gasket
12A4200K0603	1	PILOT FLOAT #275AF WITH CHAMBER, 5/64" ORIFICE M9000
12A4200K0602	1	PILOT FLOAT #275AF LESS CHAMBER, 5/64" ORIFICE
12A4200A0707	1	SOLENOID VALVE, SPORLAN MB25S 7/8" M9000 Liquid Line Solenoid (A) Replaces JE 6MS, B6MS, B6MS7 & RB21MS7
12A4199V39	1	REPAIR KIT #KSB25/E25 FOR SPORLAN ME25S
12A2105C19	1	COIL, SPORLAN, MKC-1 FOR N.C.
12A4199V07	1	REPAIR KIT #76754 FOR JE #RB21MS7 (7/8") VALVE
126232RB	1	COIL #R-23MM W/HOUSING 208/240 for JACKES-EVANS
12A4199V06	1	REPAIR KIT #76642 FOR JE #B6 VALVE
126232	1	COIL 3MP-23MM #75070 W/HOUSING FOR JACKES-EVANS
12A6000TXV	1	MODEL 6000 TXV CONVERSION KIT
12A9000TXV	1	MODEL 9000 TXV CONVERSION KIT
12A4200C0501	1	EXPANSION VALVE, PF12C (REPLACES PF7-1/2C) For units with above TXV Conversions
12A4199V01	1	REPAIR KIT #76640 FOR JE #B3 VALVE
12A4200G0501	1	ANGLE VALVE, SUPERIOR 5/8" ODC Liquid Outlet Valve (King Valve)
12A2195D03	1	DRIER, #EK-415 5/8" SAE FLARE M6000/7000
12A2195D07	1	DRIER, 7/8"ODF SPORLAN #C-417S M9000
12A4140S01	1	STRAINER, #891S-5/8S, 5/8" ODS M6000/7000

M6000-M9000 Series Parts List

Suction Line & Oil Return

<u>Part Number</u>	<u>Req'd</u>	<u>Description</u>
12A2000A07	1	ACCUMULATOR, SUCTION W/INTERNAL HEAT-X
12A2710H21	1	HEAT-EXCHANGER HE8058-20 DOUCETTE 1-5/8" x 7/8"
12A3025S07	1	OIL SEPARATOR ACR, 1-1/8" Replaces #1057, 104, 105, 504, & 505 (Sealed Unit)
126594	1	GASKET #41429 FOR TEMPRITE #504 OIL SEPARATOR
126575	1	FLOAT ASSEMBLY FOR 504 OIL SEPARATOR Includes Float, Bracket, Pin, Valve Seat, & Stem

Thawing Gas Line

<u>Part Number</u>	<u>Req'd</u>	<u>Description</u>
12A4200A1103	1	VALVES, SOLENOID SPORLAN 1-5/8" ODC 208/230V-50/60HZ Thawing Gas Solenoid Valve (D) (Replaced 1-3/8" 04/2012) (Replaces Alco 230RA & 240RA)
12A2405W0018	2	BUSHING, WC, FLUSH, 1 5/8" ODF Must use with 12A4200A1103 Solenoid Valve (04/2012)
12A4199V28	1	REPAIR KIT FOR SPORLAN 1 3/8" ME VALVE
12A2105C16	1	COIL, #MKC-2 FOR SPORLAN 208/240V-50/60HZ
12A4199V12	1	REPAIR KIT #KS30325 FOR ALCO 240RA Note: Repair Kit for 230RA Not Available
12A2105C01	1	COIL, ALCO AMG, 208/240V-50/60HZ AMG Coil for 230RA & 240RA
12A4200A0504	1	SOLENOID VALVE, 5/8" ODF SPORLAN ME14S Auxillary Thawing Gas Solenoid Valve for M9000 (D-2) Replaces Jackes Evans RB15MS5 \$ MB192S2)
12A4199V43	1	REPAIR KIT FOR SPORLAN MB19S VALVE
12A2105C16	1	COIL, #MKC-2 FOR SPORLAN 208/240V-50/60HZ
12A4199V05	1	REPAIR KIT #76753 FOR JE #RB15MS5 (5/8") VALVE
126232RB	1	COIL #R-23MM W/HOUSING 208/240 for JACKES-EVANS