

ELECTRO FREEZE®

Replacement Parts Manual with Illustrations

FREEDOM 360°
Series

**SOFT SERVE Models
15RMT and 44RMT**

P/N HC184966-01 10/04

Replacement Parts Orders

You must have the serial number of your freezer when ordering parts — parts may differ with a particular serial number of the same model.

Parts are listed using terminology that best fits the function of the part. The illustrations in this section will help you to find the correct part number and description. The Alphabetized Parts List can be used to verify part numbers pertaining to the serial number of your unit.

Place your parts order through your local authorized Electro Freeze Distributor.

Name: _____

Address: _____

Phone: _____

If you require further assistance, contact H.C. Duke & Son, Inc., Electro Freeze, as follows:



Phone: (309) 755-4553
(800) 755-4545

Fax: (309) 755-9858

E-mail: Service@hcduke.com

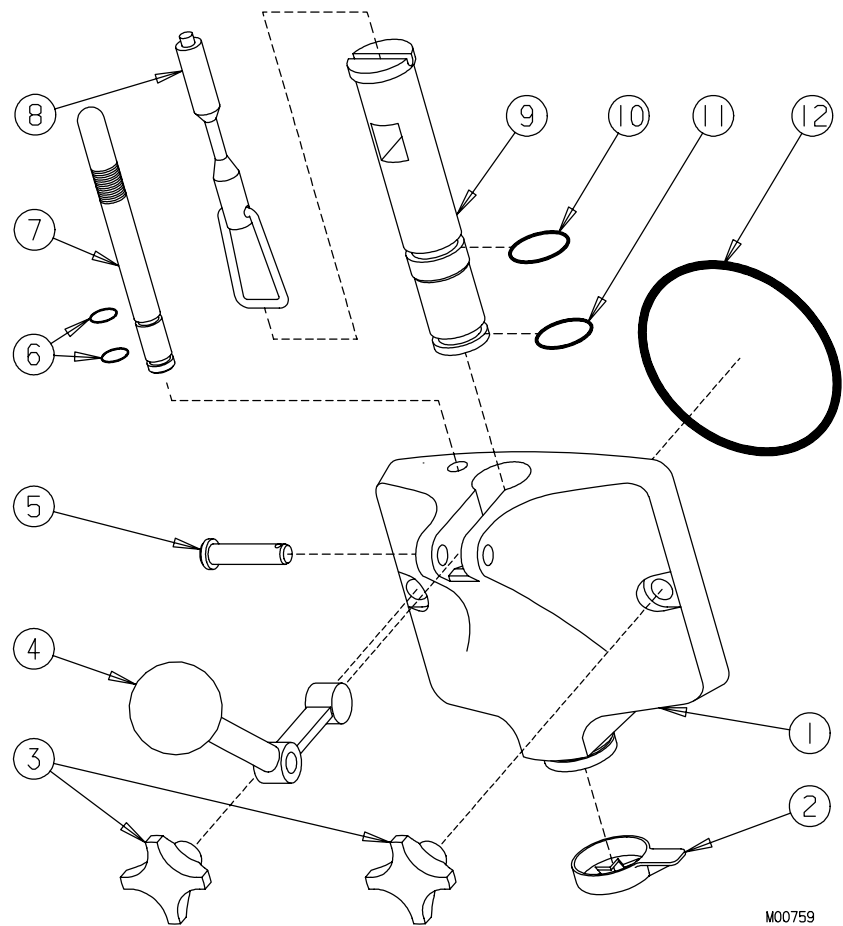
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Figure 1 Head Assembly

Item	Part No.	Description
*	HC118902	Head-Assy. Ported w/Actuator & Bleed (Complete)
1	HC118566	Head-Assy. (Head only)
2	HC196185	Nozzle-Serrated
3	HC136798	Knob-Hand
4	HC110007	Handle-Assy. Dispense includes HC162629 Knob-Ball 3/8-16 TH Black
5	HC160268	Pin-Handle
6	HC160610	O-ring (Plug)
7	HC138149	Plug-Air Bleed
8	HC113426	Push Rod-Assy. Plunger Switch
9	HC139581	Plunger-Dispense Self Close
10	HC160501	O-ring (Plunger-Upper)
11	HC160582	O-ring (Plunger-Lower)
12	HC159309	O-ring (Head)

* Includes all items shown here, except 3 and 8.

Not Shown:

HC116410	Kit-Dispense Head Switch
HC114341	Stud-Assy. Cylinder 1- ¹⁵ / ₁₆ inch

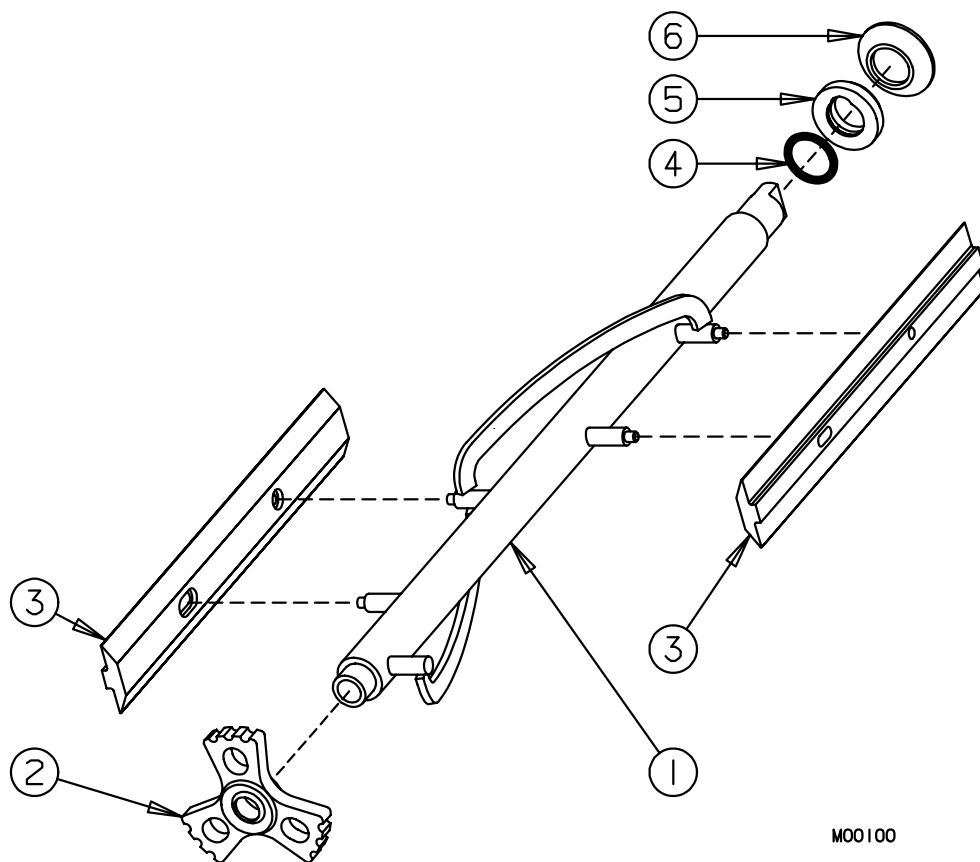


Figure 2 Beater Shaft Assembly

Item	Part No.	Description
1	HC113438 HC113467	Shaft-Assy. Beater (15RMT) Shaft-Assy. Beater (44RMT)
2	HC196085	Bushing-Cylinder
3	HC137334 HC134966	Blade-Scraper Soft Serve (15RMT) Blade-Scraper (44RMT)
4*	HC160500	O-ring (Seal)
5*	HC133098	Washer-Shaft Seal
6*	HC160557	Seal-Beater Shaft

* Items 4,5,6 can be ordered together as:
HC111875 Seal-Assy. Shaft

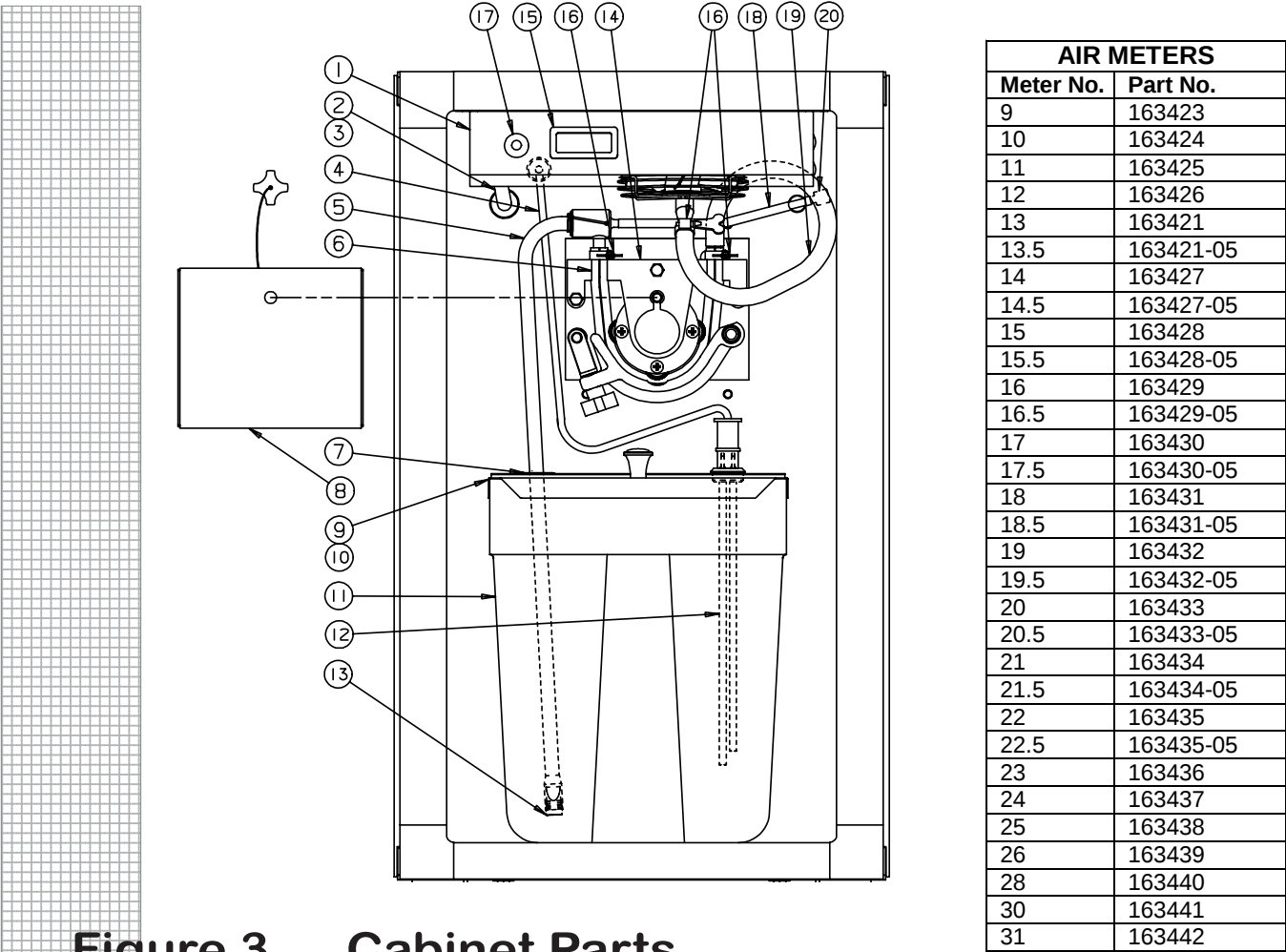
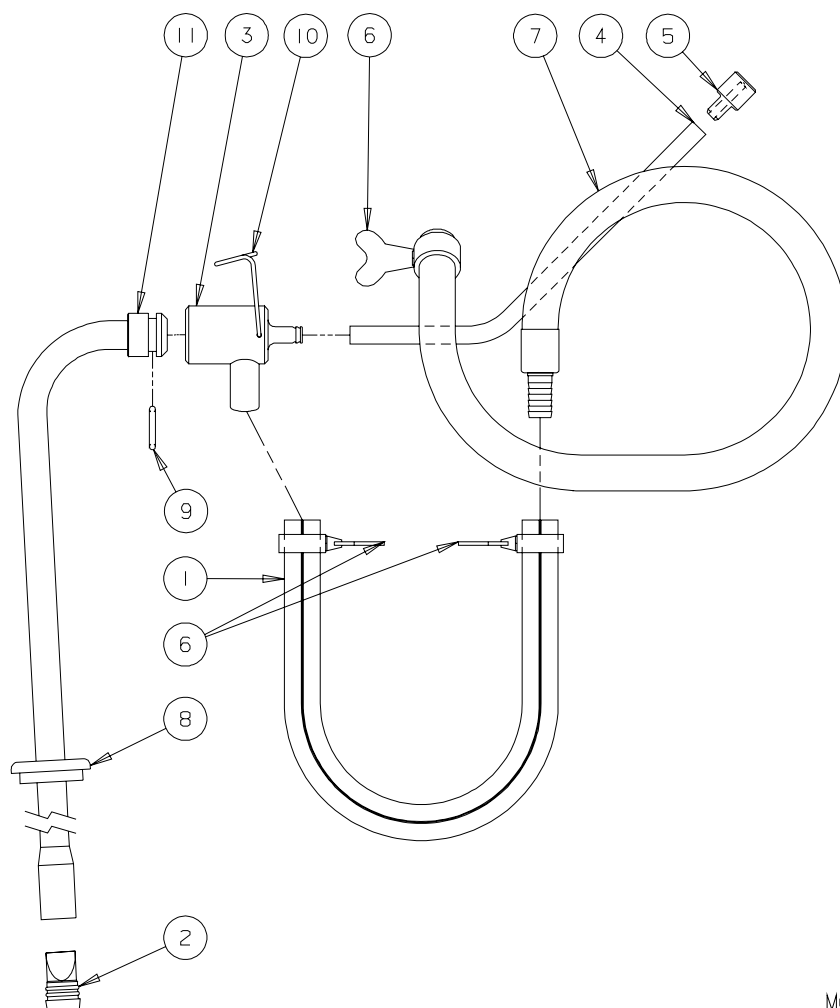


Figure 3 Cabinet Parts

REF.	PART No.	DESCRIPTION	REF.	PART No.	DESCRIPTION
1	HC116516-01	Shroud-Assy. Evaporator includes HC150532 Cord-Assy. Male Plug HC151105 Fan-Intake (Cabinet) HC151076 Guard-Fan Open HC150509 Switch-Door Push Button HC161004 Thermometer-Barrel	8	HC118767	Cover-Assy. RMT
1A	HC155111	Coil-Evaporator	9	HC113997	Cover-Assy. Mix Tank Front
1B	HC150533	Cord-Assy. Female Plug	10	HC138165-01	Cover-Rear Mix RMT
2	HC160738	Clamp-Hose Drain	11	HC196222	Tank-Mix 7 Gallon 13-1/4" High
3	HC196068	Tubing-3/8 ID x 1/2 OD	12	HC115397	Probe-Assy. Mix Level 10-3/4" includes HC137120 Base-Probe Mtg.
4	HC150537	Cordset-Mix Level Probe	13	HC199032-01	Duckbill-Inlet RM MTS
4A	HC150536	Receptacle-Molded Level Sensor	14	HC118751	MT-Assy. CAB Red Line (See Explode View-Fig. 5)
5	HC118842	Tube-Assy. Pickup includes HC118765 Port-Assy. Inlet Mix/ Air HC118836 Tube-Assy. Mix Inlet HC162324 Clip-Tube Retainer HC160502 O-ring	15	HC161004	Thermometer-Barrel (Cabinet)
6	HC138836	Hose-Transfer Redline	16	HC116065	Clamp-Assy. Soft Hose 5/8
7	HC199033	Boot-Mix Tube	17	HC150509	Switch-Door Push Button
			18	HC138170-03	Tube-Air 8-1/2 in.
			19	HC116094	Hose-Assy. Mix Braided
			20		Meter-Air (See chart above or order by meter number)



M00840

Figure 4 MTS—RMT Hose Assembly

Item	Part No.	Description
1	HC138836	Hose-Transfer Red Line
2	HC199032-01	Duckbill-Inlet RM MTS (Valve)
3	HC118765*	Port-Assy. Inlet Mix/Air
4	HC138170-03	Tube-Air 8-1/2 in. (Hose)
5		Meter-Air (Order by meter number or see Chart Page 4)
6	HC116065	Clamp-Assy. Soft Hose 5/8
7	HC116094	Hose-Assy. Mix Braided
8	HC199033	Boot-Mix Tube (Seal)
9	HC160502*	O-ring
10	HC162324*	Clip-Tube Retainer
11	HC118836*	Tube-Assy. Mix Inlet

* Can be ordered as an assembly:

HC118842 Tube-Assy. Pickup

Figure 5 Mix Transfer System — RMT (sheet 1 of 2)

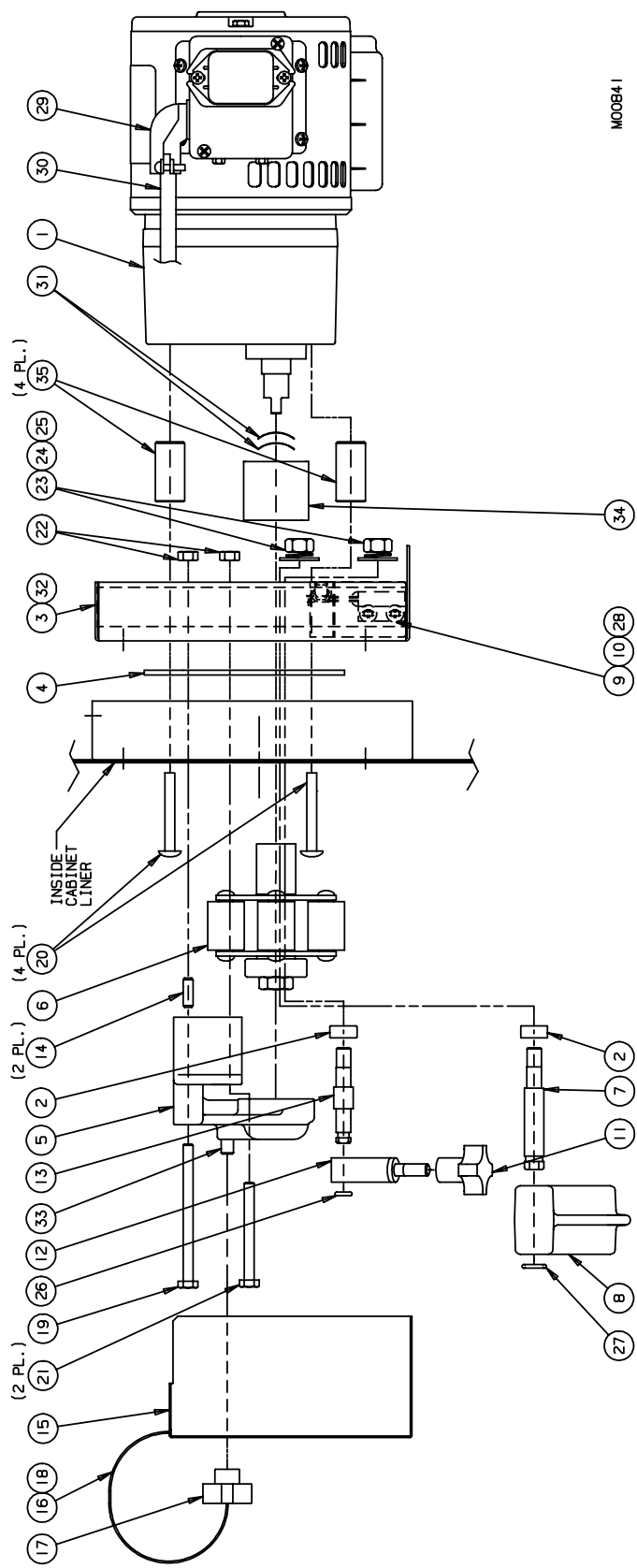


Figure 5 Mix Transfer System — RMT (Sheet 2 of 2)

Item	Part No.	Description
*	HC118751	MT-Assy. CAB Red Line
1	HC151132	Gearmotor-1/8 HP includes replaceable parts HC150512 Capacitor-Start w/Bleed HC150893 Switch-Start Solid State (Relay)
2	HC138800	Spacer-Swing Arm
3	HC118764	Faceplate-Assy. MTS
4	HC139746	Plate-Backup MTS
5	HC138783-01	Support-Roller Bearing
6	HC116009-01	Kit-Roller (Complete)
7	HC138797	Arm-Shoe Pivot
8	HC139751	Shoe-Roller
9	HC118763	Bracket-Assy. Switch Mtg.
10	HC118894	Kit-Cover Switch RMT Freezer includes HC160357 Screw-RDHM #4-40 x 1/4 STL HC160393 Washer-Flat #6 Brass
11	HC162622	Knob-Hand
12	HC138798	Clamp-Shoe Swing
13	HC138799	Arm-Swing Clamp
14	HC160338	Pin-Dowel 1/4 DIA x 3/4 SST
15	HC118767	Cover-Assy. RMT
16	HC138890	Lanyard-Wire
17	HC138889	Knob-Cover RMT
18	HC160508	Sleeve-Cable Stop 3/64
19	HC160465	Screw-HXHC 1/4-20 x 3-1/2 SST
20	HC160093	Screw-TRPS 1/4-28 x 2-1/4 SST
21	HC160464	Screw-HXHC 1/4-20 x 2-1/2 SST
22	HC159933	Nut-HXSF 1/4-20 SST
23	HC160169	Washer-Lock 3/8 SST
24	HC159927	Nut-HEX 3/8-16 SST
25	HC160170	Washer-Flat 3/8 SST
26	HC160628	O-ring (Swing Clamp)
27	HC160612	O-ring (Roller Shoe)
28	HC159939	Screw-HXSF 1/4-20 x 11/16 SST
29	HC150705	Connector-3/8 x 90°
30	HC118833	Cord-Assy. Motor
31	HC160173	Washer-Spring Wave SST
32	HC165524	Block-Insulation RMT
33	HC160386	Stud-5/16-18 x 3/4 SST
34	HC139756	Shield-Drip
35	HC138793	Spacer-Motor

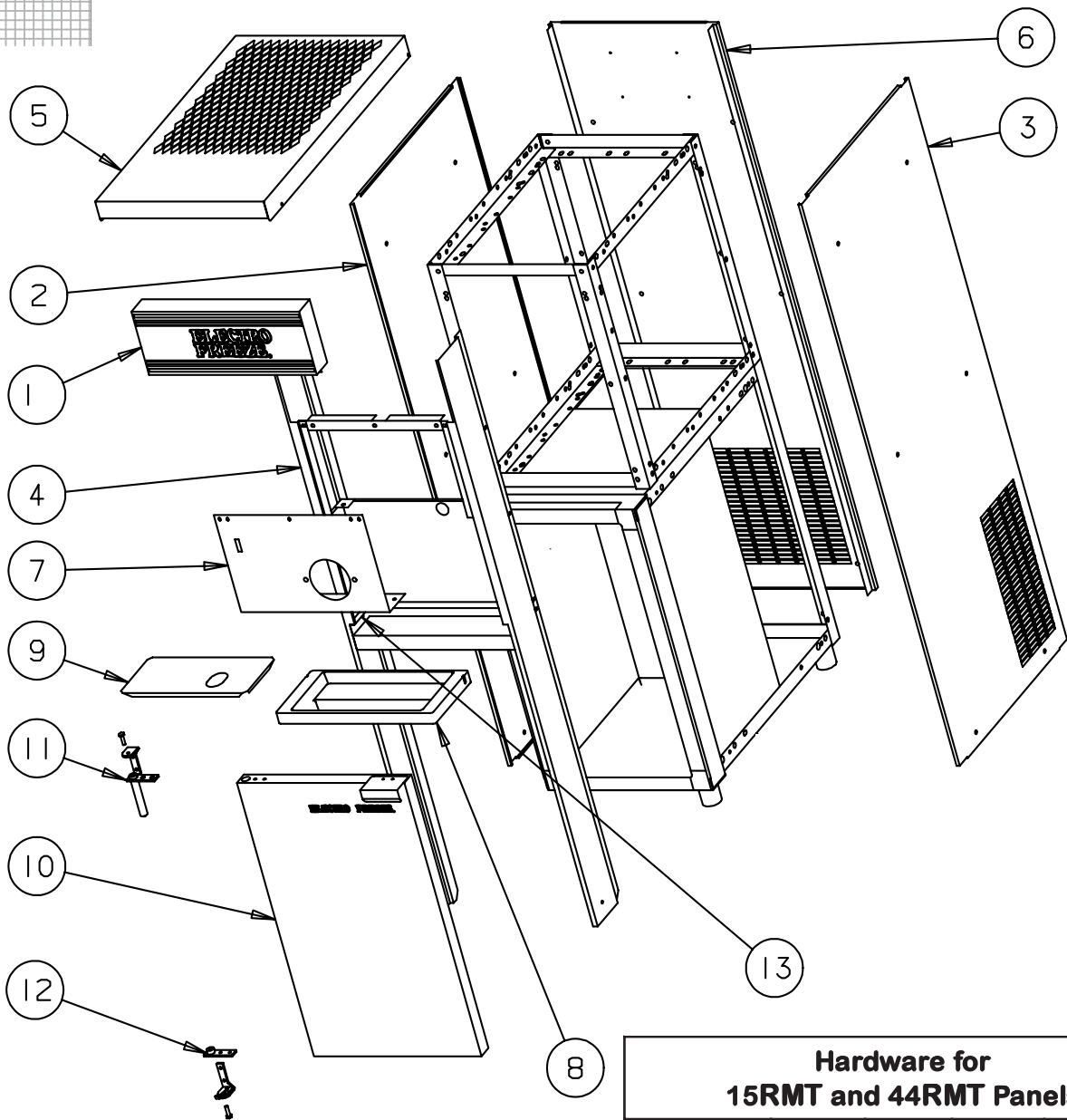
Not Shown:

HC165246	Decal-Warning Pressurized
HC165048	Decal-Warning Rotating Parts

* Includes all items above.



Figure 6 Panel Assembly (Sheet 1 of 2)



Hardware for 15RMT and 44RMT Panels				
Panel	Screw	Nut-Speed	Spacer	Nut-Speed on Frame
Dispense	160076	159132	n/a	n/a
Front	160076	159132	n/a	159067
Rear	160048	160114	138456	n/a
Side	159219	160114	138546	n/a
Top	160305	n/a	n/a	n/a
Trimstrip	160076	n/a	n/a	n/a
n/a - Not Applicable				

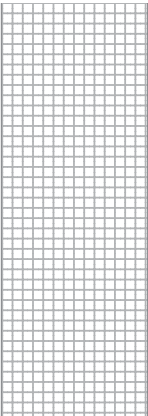


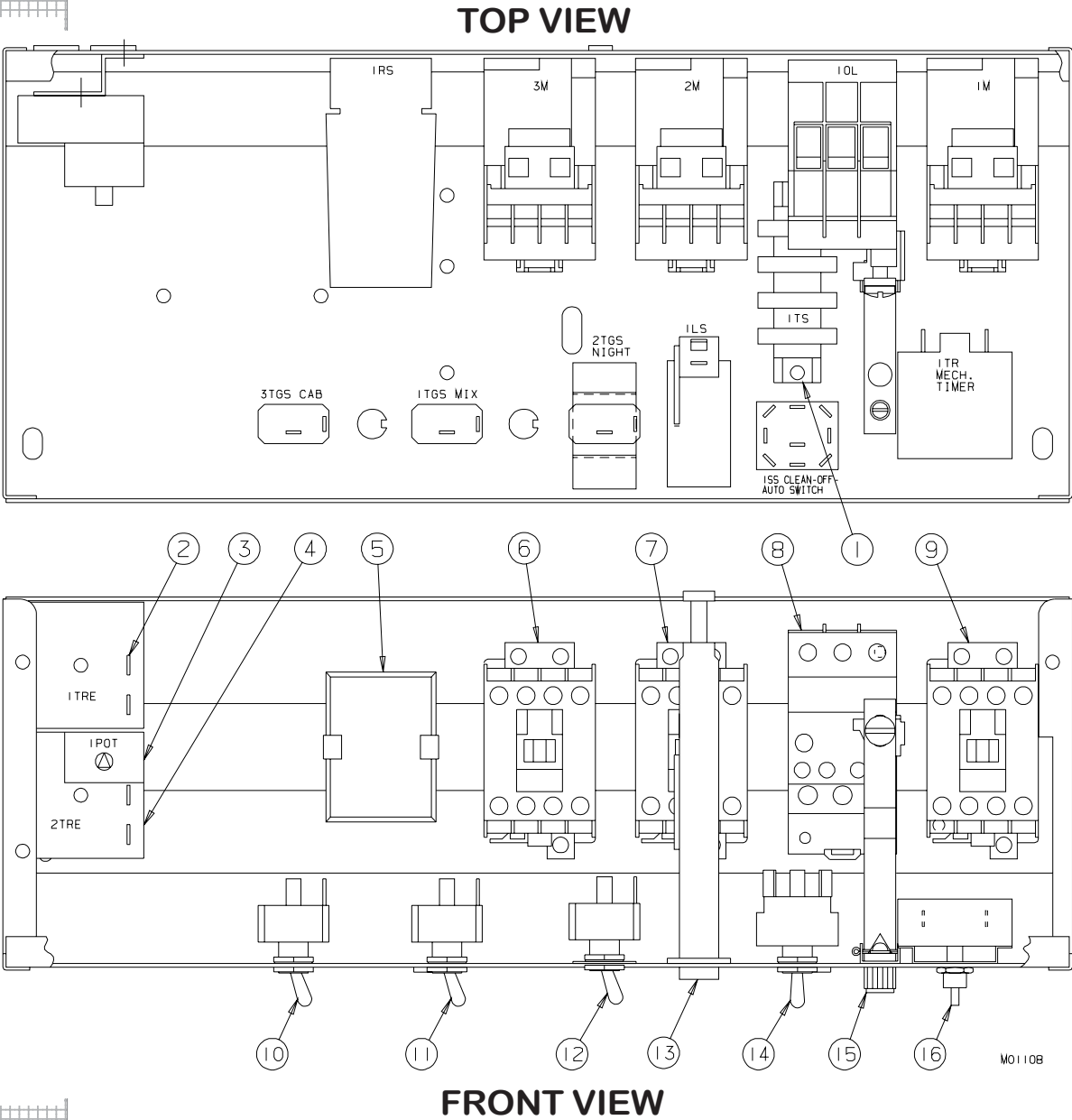
Figure 6 Panel Assembly (Sheet 2 of 2)

Item	Part No.	Description
1	HC116513	Trimstrip-Assy. EF Decal 18" includes HC165188-04 Decal-Trimstrip EF Logo
1A	HC117900	Trimstrip-Assy Sonic 18" includes HC165175 Decal-Trimstrip Sonic 16" Logo
2	HC137027-C	Panel-Side LH - 15RMT
	HC137543-C	Panel-Side LH - 44RMT
3	HC137028-C	Panel-Side RH - 15RMT
	HC137544-C	Panel-Side RH - 44RMT
4	HC116482	Panel-Assy. Front includes: HC159175 Catch-Bullet (Drip Tray) HC160289 Nut-Push Round
5	HC116509-C	Panel-Assy. Top 15RMT (A/C)
	HC116514-C	Panel-Assy. Top 15RMT (W/C and ACR)
	HC116499-C	Panel-Assy. Top 44RMT (A/C)
	HC119234-C	Panel-Assy. Top 44RMT (W/C and ACR)
6	HC140024-C	Panel-Rear (A/C and W/C)
	HC139134	Panel-Upper Rear (ACR)
	HC139135	Panel-Lower Rear (ACR)
7	HC138454	Panel-Dispense
7A	HC150540	Light-Indicator 230v
8	HC196107-02	Tray-Drip
9	HC116540	Insert-Assy. Drip Tray includes HC199030 Bumper-Rubber
10	HC114260-06-C	Door-Assy. Complete includes HC160563-02 Gasket-Door HC165414 Nameplate-EF Large HC136199 Pull-Door (Handle)
10A	HC118597	Actuator-Assy. Door Switch
11	HC162045	Hinge-Pivot 1-3/8" Top LH includes HC162052 Spring-LH
12	HC162046	Hinge-Pivot 1-3/8" Bottom LH
13	HC159175	Catch-Bullet (Drip Tray)
13A	HC160289	Nut-Push Round

A/C - Air Cooled
W/C - Water Cooled
ACR - Air Cooled Remote
LH - Left Hand
RH - Right Hand

Panel Decals & Labels	
Part No.	Description
HC165119	6" Air Flow
HC165025	Beater Warning
HC164113	Cleaning Instructions
HC165093	Clear Overlay
HC165013	CMT Patent
HC165191	Freedom 360°
HC164110	MTS Connect Red Line
HC164124	MTS Trimstrip
HC164004-01	Operating Instructions
HC165126	Panel Removal
HC165124	Top Air Discharge
HC165188-04	Trimstrip EF Logo
HC165246	Warning - Pressurized

Figure 7 Switch Box (Sheet 1 of 2)



**Detailed Drawings
of
Filter and MOV Assemblies**

Item #1A
MOV-Assy.
116188

Item #14A
Filter-Assy.
116125

Figure 7 Switch Box (Sheet 2 of 2)

Item	Part No.	Description
1	HC150795	Strip-Terminal
1A	HC116188	MOV-Assy. (See Detailed Drawing)
2	HC150208	Timer-12 Second Delay on Break
3	HC150253	Module-Plug On Vari Time
4	HC150252-01	Timer-.5-60 Delay on Break
5	HC150202	Indicator-Mix Level
5A	HC150119	Socket-Octal Terminal
5B	HC150120	Clip-Retainer (Set of 2)
5C	HC150540	Light-Indicator 230V
6	HC150155	Contactor-IEC 23A 208-230V C (Cabinet)
6A	HC150156	Coil-A/B 208-230V (Replacement)
7	HC150155	Contactor-IEC 23A 208-230V C (Compressor)
7A	HC150156	Coil-A/B 208-230V (Replacement)
8	HC118361	Relay-Assy. Overload 3.7-12A (3 ph) includes HC150145 Adaptor-Overload Din Rail HC150150 Button-Overload Reset Adaptor HC150142 Relay-SS Overload 3ph 3.7-12A
	HC118359	Relay-Assy. Overload 5-15A (1 ph) includes HC150145 Adaptor-Overload Din Rail HC150150 Button-Overload Reset Adaptor HC150140 Relay-SS Overload 1ph 5-15A
9	HC150155	Contactor-IEC 23A 208-230V C (Beater Motor)
9A	HC150156	Coil-A/B 208-230V (Replacement)
10	HC159235	Switch-Toggle SPST (Cabinet)
11	HC159235	Switch-Toggle SPST (Mix Transfer System)
12	HC159235	Switch-Toggle SPST (Day/Night)
13	HC114176-01	Switch-Assy. Self-Closing Plunger (see Figure 8) HC150477 Switch-Roller Actuator SPDT HC162323 Spring-Compression MW ZN
14	HC150465	Switch-Toggle 3PDT (Selector)
14A	HC116125	Filter-Assy (See Detailed Drawing)
15	HC118390	Lever-Assy. Reset includes HC159036 Button-Reset
16	HC150218	Timer-5-Minute
16A	HC162604	Knob-Timer

Figure 8 Switch Assembly

Item	Part No.	Description
*	HC114176-01	Switch-Assy. Self Closing Plunger
1	HC114174	Guide-Assy. Push Rod
2	HC150477	Switch-Roller Actuator SPDT
3	HC160104	Nut-HEX 1/4-20 ZN
4	HC159965	Screw-HXHM 1/4-20 x 2-1/2 ZN
5	HC162323	Spring-Compression MW ZN
* Includes items 1-5		

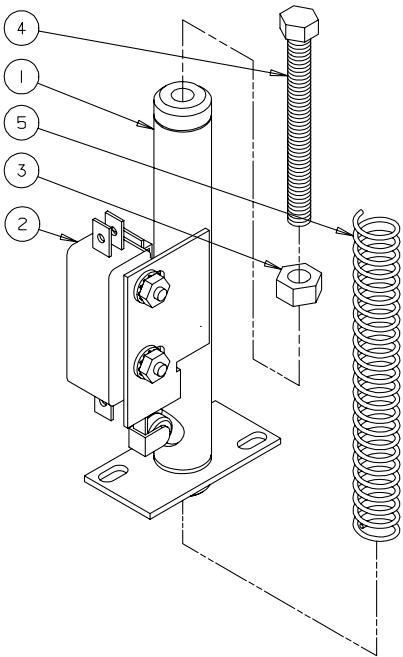
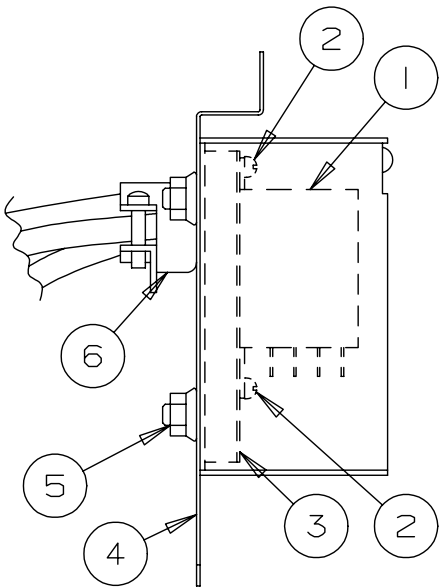
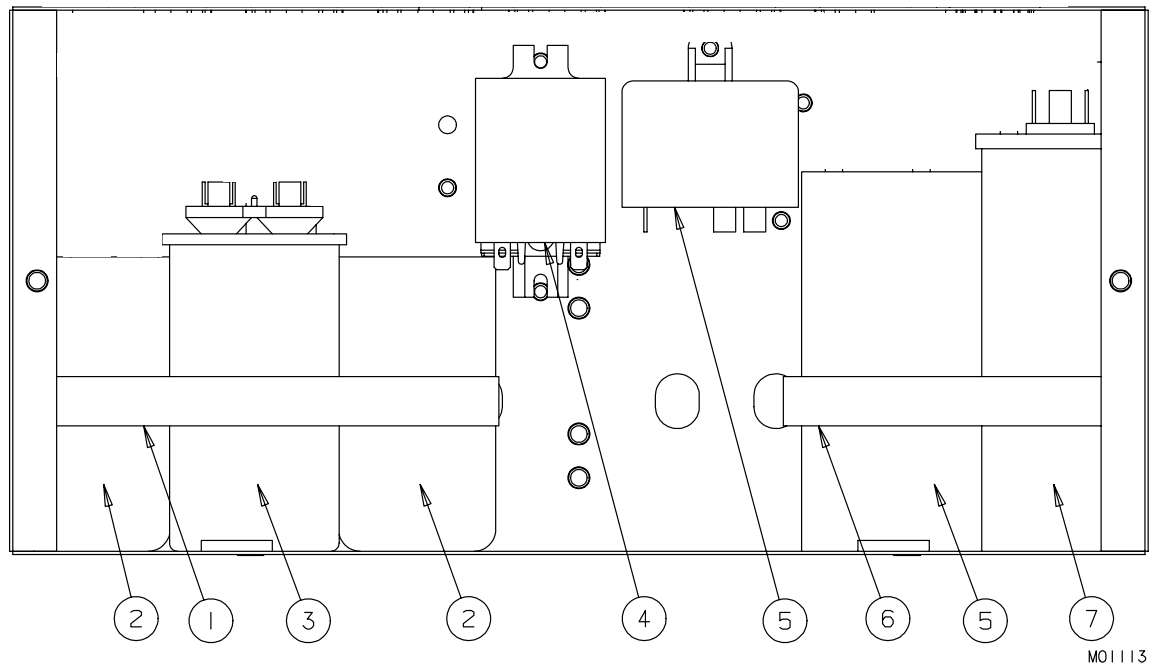


Figure 9 Relay Box — MTS
44RMT - 3 Phase, 15RMT - 1 & 3 Phase



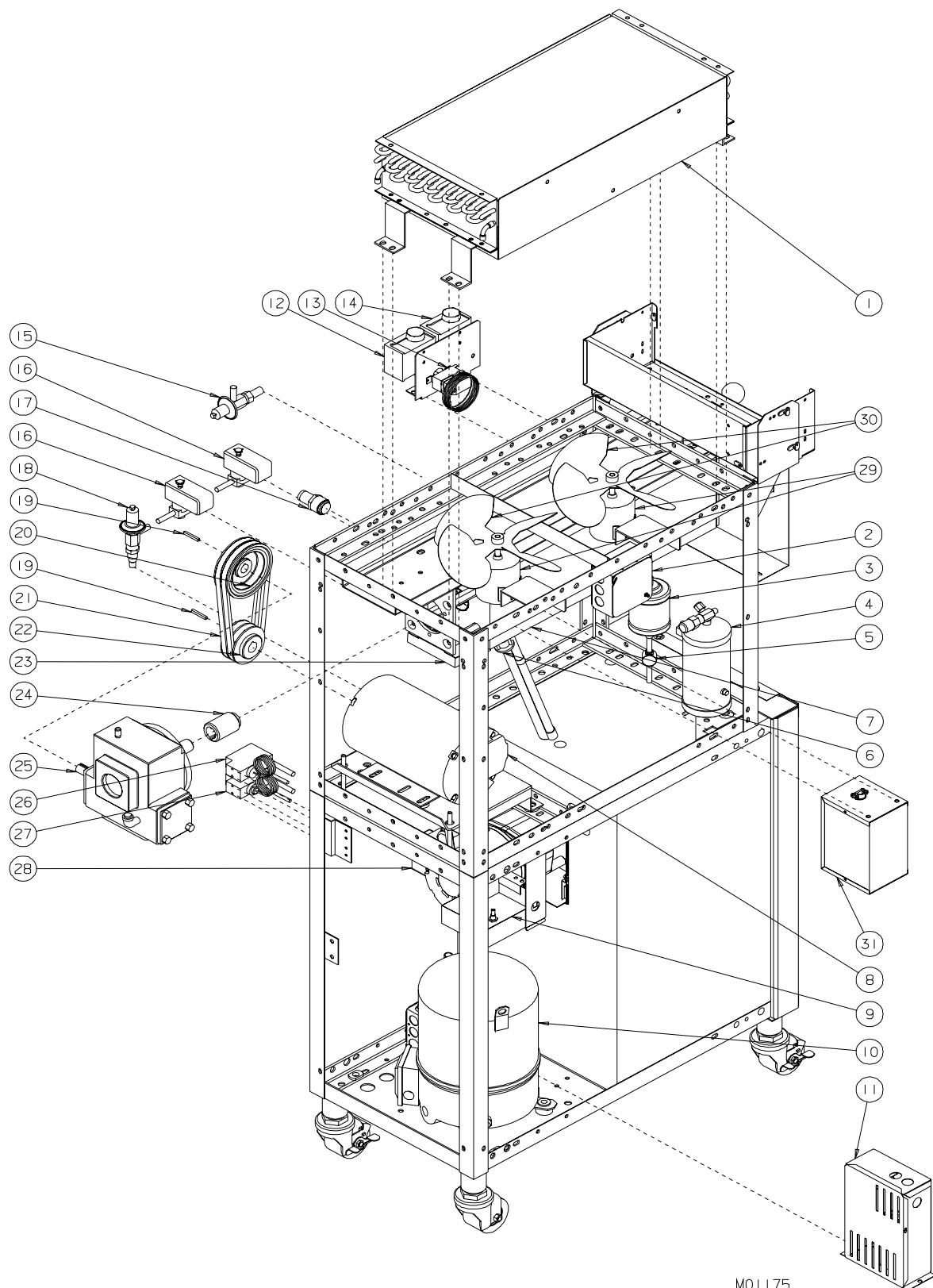
Item	Part No.	Description
1	HC150381	Relay-Flange Base w/Cover
2	HC160308	Screw-RDHM #6-32 x 5/16 ZN
2A	HC160116	Nut-Speed #6-32 BKOX
3	HC138159	Bracket-Flange Relay Mtg.
4	HC138248	Support-MTS
5	HC159950	Screw-HXSF 1/4-20 x 1/2 ZN
5A	HC159951	Nut-HXSF 1/4-20 ZN
6	HC150828	Connector-1/2



**Figure 10 Capacitor/Relay Box
44RMT - 1 Phase**

Item	Part No.	Description
1	HC160739	Clamp-Hose 3-9/16" - 4-1/2", Screw (Motor)
2	HC150872	Capacitor-Motor Start (Quantity-2)
3	HC150318	Capacitor-Run (Motor)
4	HC150381	Relay-Flange Base w/Cover
5	HC151448	Kit-Compressor Start Capacitor & Relay
6	HC160743	Clamp-Hose 3-1/16" to 4" (Compressor)
7	HC151452	Capacitor-Run (Compressor)

Figure 11 15RMT Air Cooled Side/Back View
(Sheet 1 of 2)



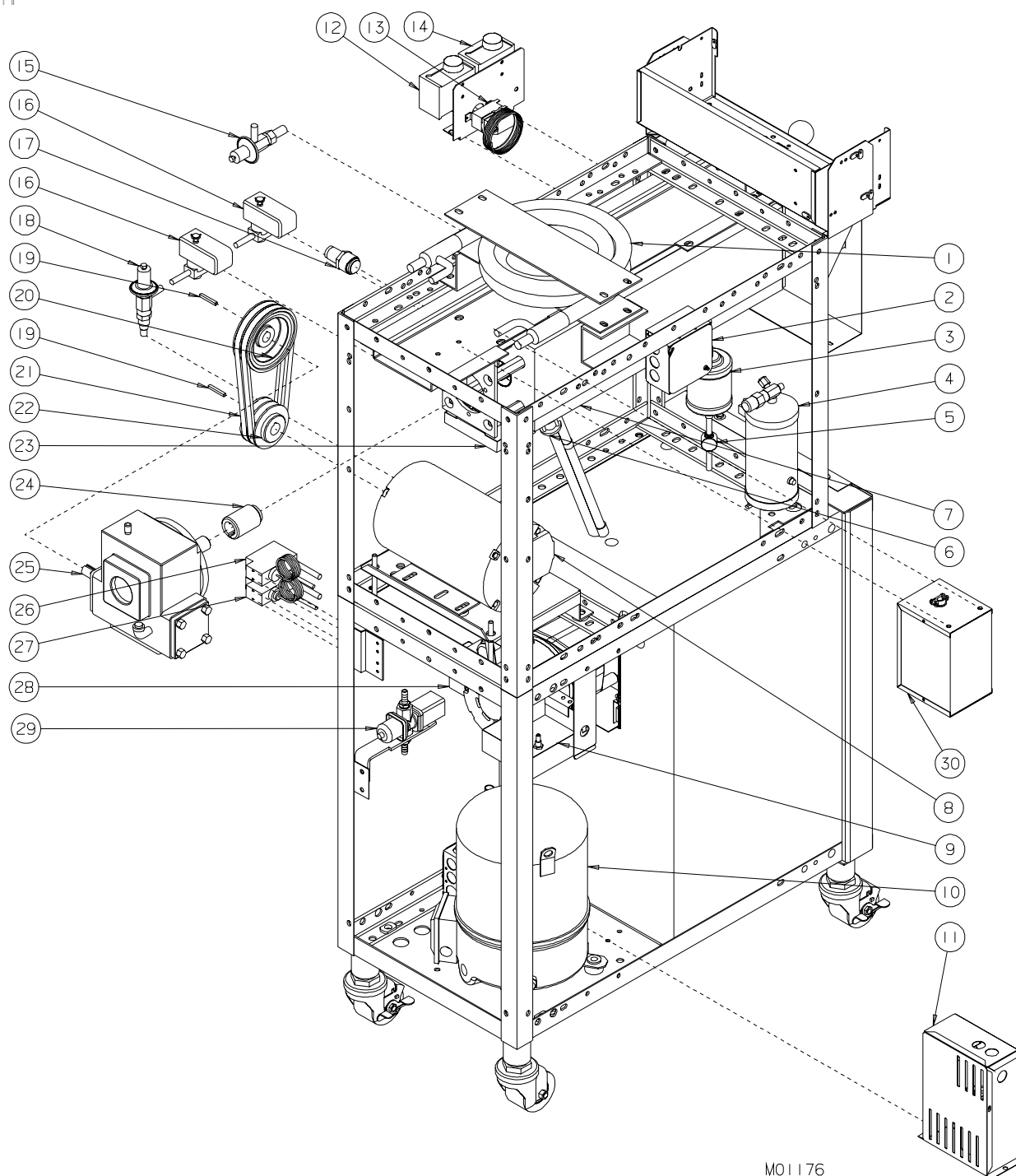
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Figure 11 15RMT Air Cooled Side/Back View
(Sheet 1 of 2)

Item	Part No.	Description	Item	Part No.	Description
1	HC155120-C	Condenser-Air	11	HC118647	Box-Assy. Capacitor & Relay 1 Ph (Compressor)
1A	HC1138465	Shroud-Fan		HC151447	Capacitor-Run
1B	HC116494	Bracket-Assy. Front		HC160743	Clamp-Hose 3-1/16 - 4
2	HC119216	Box-Assembly Relay (See Fig. 9)		HC151448	Kit-Compr. Start & Relay
3	HC155054	Drier-Filter 16 cu in	12	HC155442	Thermostat-Low (Night)
4	HC155057	Receiver-3 lb. 3/8 ID Sweat	13	HC155483	Thermostat-Evap 41° Fixed w/ OFF (Cabinet)
5	HC155059	Glass-Sight	14	HC155442	Thermostat-Low (Day)
6	HC140021	Tube-Mix Feed Clamp(See Fig. 15)	15	HC155449	Valve-Automatic Expansion (Cabinet)
7	HC118822	Cylinder-Assy. Complete	15A	HC165531	Insulator-Expansion Valve
8	HC118254	Kit-Motor & Cap. 1 Phase (Drive) includes	16	HC155421	Valve-Solenoid 208-240v
		HC150319 Capacitor-Motor Start	16A	HC155434	Kit-Solenoid Valve
		HC150318 Capacitor-Run	17	HC118712	Kit-Pressure Switch 30PSI
9	HC151066	Motor-2HP 3 Phase (Drive)	17A	HC116105	Nut-Assy. Pressure Switch
	HC116560	Pan-Assy. Condensate includes	17B	HC138827-01	Spacer-Curved Pressure Switch
		HC196002 Tubing-3/16 ID x 5/16 OD PVC	18	HC155490	Valve-Automatic Expansion (Cylinder)
10	HC118686	Compressor-Assy. (3 Phase) includes	18A	HC165531	Insulator-Expansion Valve
		HC151397 Adaptor-3/8 ODFx1" Rotalock	19	HC153322	Key-Drive 3/16 SQ x 1-1/2 LB
		HC155054 Drier-Filter 16 cu in	20	HC153625	Sheave-3/4 Bore
		HC165522 Insulation-Compr Wrap	20A	HC160495	Screw-SK Set
		HC165532 Insulator-Rotalock Valve	21	HC153169	Belt-V
		HC160419 Rivet-Ratchet Plastic	22	HC153626	Sheave-7/8 Bore
	HC118685	Compressor-Assy. (1 Phase) includes	22A	HC160495	Screw-SK Set
		HC151397 Adaptor-3/8 ODF x 1" Rotalock	23	HC114374	Tube-Assy. Drain
		HC151447 Capacitor-Run	24	HC111964	Coupling-Assy. 1 in. Drive
		HC155054 Drier-Filter 16 cu in	25	HC153356	Reducer-Gear (See Fig. 13)
		HC165522 Insulation-Compr Wrap	26	HC155425	Cut-Out-High Pressure
		HC165532 Insulator-Rotalock Valve	27	HC155403	Cut-Out-Low Pressure
		HC151448 Kit-Compr. Start Cap & Relay	28	HC151132	Gearmotor-1/8hp (Mix Transfer) replaceable parts
		HC160419 Rivet-Ratchet Plastic		HC150512	Capacitor-Start
10A	HC151446	Kit-Maneurop Compr. Mtg.		HC150893	Switch-Start
10B	HC118257	Valve-Assy Rotalock includes	29	HC151077-01	Motor-Fan
		HC165532 Insulator-Rotalock Valve	30	HC159023	Blade-Fan 11" 36°
		HC160177 Washer-Rotalock	30A	HC138472	Bracket-Fan Mtg.
			31	HC113442-02	Box-Assy. Capacitor & Components (Beater Motor)(1 Phase) includes
					HC150318 Capacitor-Run
					HC150319 Capacitor-Start
					HC160739 Clamp-Hose
			Not Shown:		
					HC161216 Sensor-10K Thermistor

Figure 12 15RMT Water Cooled Side/Back View
(Sheet 1 of 2)



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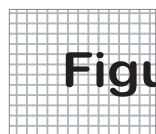
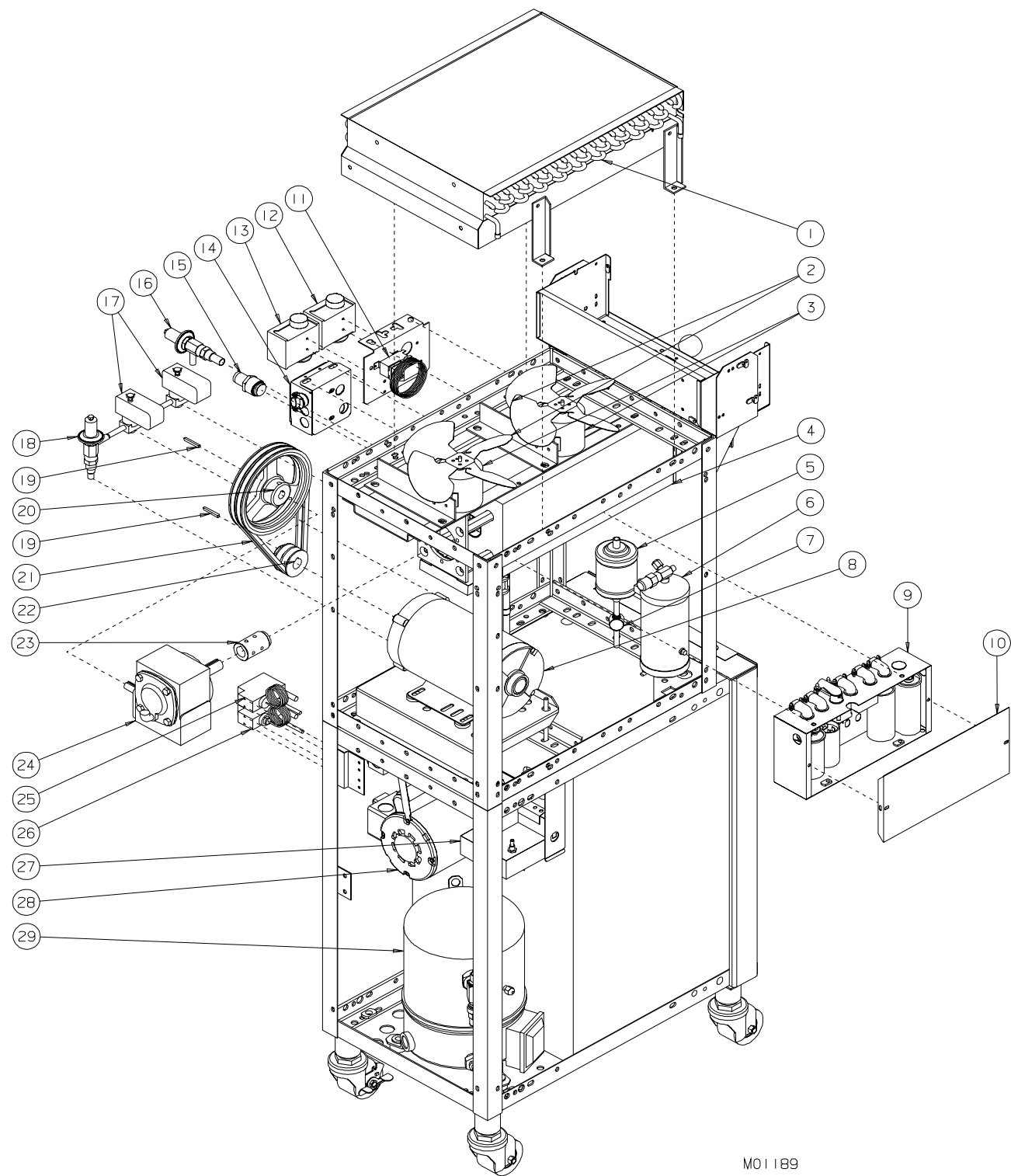


Figure 12 15RMT Water Cooled Side/Back View (Sheet 1 of 2)

Item	Part No.	Description	Item	Part No.	Description
1	HC155029	Condenser-Water		HC151447	Capacitor-Run
1A	HC139939	Bracket-Condenser Mounting		HC160743	Clamp-Hose
2	HC119216	Box-Assembly Relay (See Fig. 9)		HC151448	Kit-Compr.
3	HC155054	Drier-Filter 16 cu in			Start & Relay
4	HC155057	Receiver-3 lb. 3/8 ID Sweat	12	HC155442	Thermostat-Low (Night)
5	HC155059	Glass-Sight	13	HC155483	Thermostat-Evap 41° Fixed w/
6	HC140021	Tube-Mix Feed Clamp (See Fig. 15)			OFF (Cabinet)
7	HC118822	Cylinder-Assy. Complete	14	HC155442	Thermostat-Low (Day)
8	HC118254	Kit-Motor&Cap. 1 Phase (Drive)	15	HC155449	Valve-Automatic Expansion (Cabinet)
		HC150319 Capacitor-Motor Start	15A	HC165531	Insulator-Expansion Valve
		HC150318 Capacitor-Run	16	HC155421	Valve-Solenoid 208-240v
8A	HC151066	Motor-2HP 3 Phase (Drive)	16A	HC155434	Kit-Solenoid Valve
9	HC116560	Pan-Assy. Condensate includes	17	HC118712	Kit-Pressure Switch 30PSI
		HC196002 Tubing-3/16 ID x 5/16 OD PVC	17A	HC116105	Nut-Assy. Pressure Switch
			17B	HC138827-01	Spacer-Curved Pressure Switch
10	HC118686	Compressor-Assy. (3 Phase) includes	18	HC155490	Valve-Automatic Expansion (Cylinder)
		HC151397 Adaptor-3/8 ODFx1"Rotalock	18A	HC165531	Insulator-Expansion Valve
		HC155054 Drier-Filter	19	HC153322	Key-Drive 3/16 SQx 1-1/2
		HC165522 Insulation-Compr. Wrap	20	HC153625	Sheave-3/4 Bore (Driven)
		HC165532 Insulator- Rotalock Valve	20A	HC160495	Screw-SK Set
		HC160419 Rivet-Ratchet Plastic	21	HC153169	Belt-V
	HC118685	Compressor-Assy. (1 Phase) includes	22	HC153626	Sheave-7/8 Bore (Drive)
		HC151397 Adaptor-3/8ODF x 1" Rotalock	22A	HC160495	Screw-SK Set
		HC151447 Capacitor-Run	23	HC114374	Tube-Assy. Drain
		HC155054 Drier-Filter	24	HC111964	Coupling-Assy. 1 in. Drive
		HC165522 Insulation- Compr Wrap	25	HC153356	Reducer-Gear (See Fig. 13)
		HC165532 Insulator- Rotalock Valve	26	HC155425	Cut-Out-High Pressure
		HC151448 Kit-Compr. Start Cap & Relay	27	HC155403	Cut-Out-Low Pressure
		HC160419 Rivet-Ratchet Plastic	28	HC151132	Gearmotor-1/8hp CSIR (Mix Transfer) replaceable parts
10A	HC151446	Kit-Maneurop Compr. Mtg.		HC150512	Capacitor-Start
10B	HC118257	Valve-Assy Rotalock includes		HC150893	Switch-Start Solid State
		HC165532 Insulator- Rotalock Valve	29	HC113769	Valve-Assy. Water includes
		HC160177 Washer-Rotalock		HC155410	Valve-Water
11	HC118647	Box-Assy. Capacitor & Relay 1 Phase (Compressor) includes:	29A	HC155444	Kit-Water Valve Repair
			30	HC113442-02	Box-Assy. Capacitor & Com- ponents (Beater Motor)(1 Phase) includes
					HC150318 Capacitor-Run
					HC150319 Capacitor- Start
					HC160739 Clamp-Hose
			Not Shown:		
				HC161216	Sensor-10K Thermistor

Figure 13 44RMT Air Cooled Side/Back View
(Sheet 1 of 2)



M01189



Figure 13 44RMT Air Cooled Side/Back View (Sheet 1 of 2)

Item	Part No.	Description	Item	Part No.	Description
1	HC155115-C	Condenser-Air	27	HC116560	Pan-Assy. Condensate includes HC196002 Tubing-3/16 ID x 5/16 OD PVC
1A	HC116566	Shroud-Assy. Condenser	28	HC151132	Gearmotor-1/8hp CSIR (Mix Transfer) replaceable parts HC150512 Capacitor-Start HC150893 Switch-Start Solid State
1B	HC138435	Bracket-Cond. Mtg.	29	HC119266	Compressor-Assy. (3 Phase) includes HC155054 Drier-Filter HC165522 Insulation-Compr Wrap HC165532 Insulator-Rotalock Valve HC160419 Rivet-Ratchet Plastic
2	HC159018	Blade-Fan 10" 32°		HC119265	Compressor-Assy. (1 Phase) includes HC151452 Capacitor-Run HC155054 Drier-Filter HC151448 Kit-Compr. Start Cap & Relay HC165522 Insulation-Compr. Wrap HC165532 Insulator-Rotalock Valve HC160419 Rivet-Ratchet Plastic
3	HC151080	Motor-Fan 35w 230-1-50/60	29A	HC151446	Kit-Maneurop Compr. Mtg.
3A	HC138447	Bracket-Fan Motor	29B	HC151397	Adaptor-3/8 ODF x 1" Rotalock
4	HC119127	Cylinder-Assy. Complete	29C	HC155069	Valve-Rotalock 1-14 x 1/2 RH (3 Phase)
5	HC155054	Drier-Filter 16 cu in	29D	HC118257	Valve-Assy. Rotalock (1 Phase) includes HC165532 Insulator-Rotalock Valve HC160177 Washer-Rotalock
6	HC155057	Receiver-3 lb. 3/8 ID Sweat			
7	HC155059	Glass-Sight			
8	HC118140	Kit-Motor&Cap. 1 Phase (Drive) includes HC150872 Capacitor-Motor Start (2) HC150318 Capacitor-Run Motor-2HP 3 Phase (Drive)			
8A	HC151052	Box-Assy. Cap & Relay 1 Phase (Compressor & Beater Motor) (See Fig. 10)			
9	HC119207	Cover-Cap & Relay Box			
10	HC138573	Thermostat-Evap 41° Fixed w/ OFF (Cabinet)			
11	HC155483	Thermostat-Low (Day)			
12	HC155442	Thermostat-Low (Night)			
13	HC155442	Box-Assy. Relay 3 Phase (See Fig. 9)			
14	HC119216	Cover-Electric Box 4 x 4			
14A	HC150741	Kit-Pressure Switch 30PSI			
15	HC118712	Nut-Assy. Pressure Switch			
15A	HC116105	Spacer-Curved Pressure Switch			
15B	HC138827-01	Valve-Automatic Expansion (Cabinet)			
16	HC155449	Insulator-Expansion Valve			
16A	HC165531	Valve-Solenoid 208-240v			
17	HC155421	Kit-Solenoid Valve			
17A	HC155434	Valve-Automatic Expansion (Cylinder)			
18	HC155490	Insulator-Expansion Valve			
18A	HC165531	Key-Drive 3/16 SQ x 1-1/2 LB			
19	HC153322	Sheave-5/8 Bore (Driven)			
20	HC153602	Screw-SK Set			
20A	HC160033	Belt-V			
21	HC153162	Sheave-7/8 Bore (Drive)			
22	HC153611	Screw-SK Set			
22A	HC160033	Coupling-Assy. 7/8 in. Drive			
23	HC111780	Reducer-Gear RH 5/1 (See Fig. 14)			
24	HC153354	Cut-Out-High Pressure			
25	HC155425	Cut-Out-Low Pressure			
26	HC155403				

Not Shown:

HC161216 Sensor-10K Thermistor
HC114188 Tube-Assy. Drain

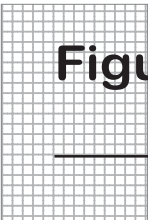
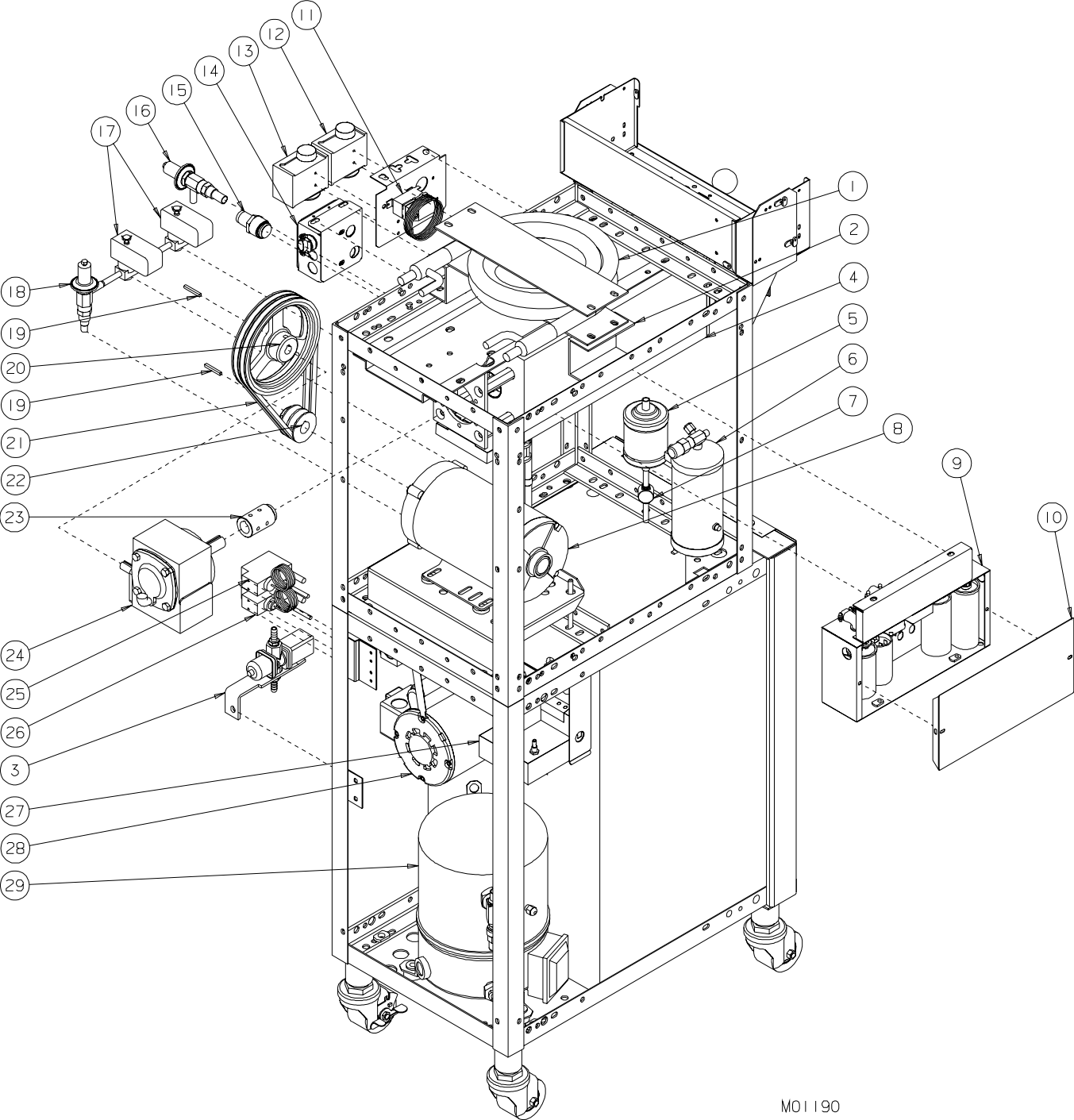
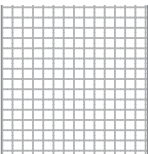


Figure 14 44RMT Water Cooled Side/Back View
(Sheet 1 of 2)

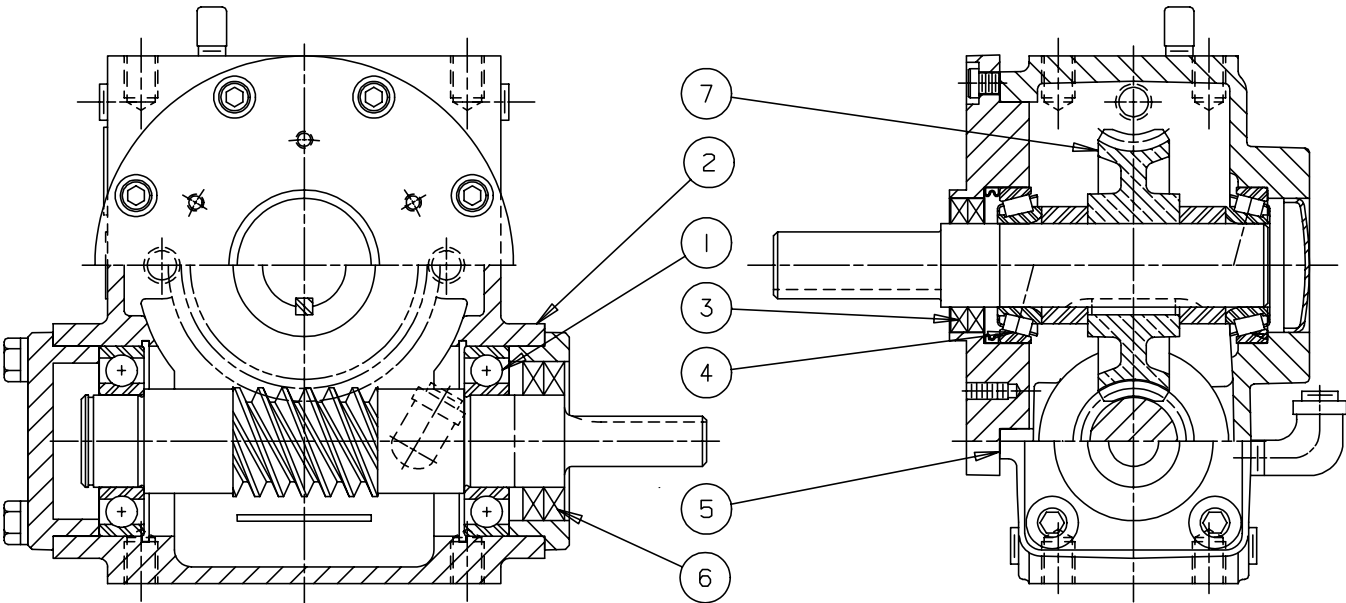


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Figure 15 Gear Reducer - 15RMT



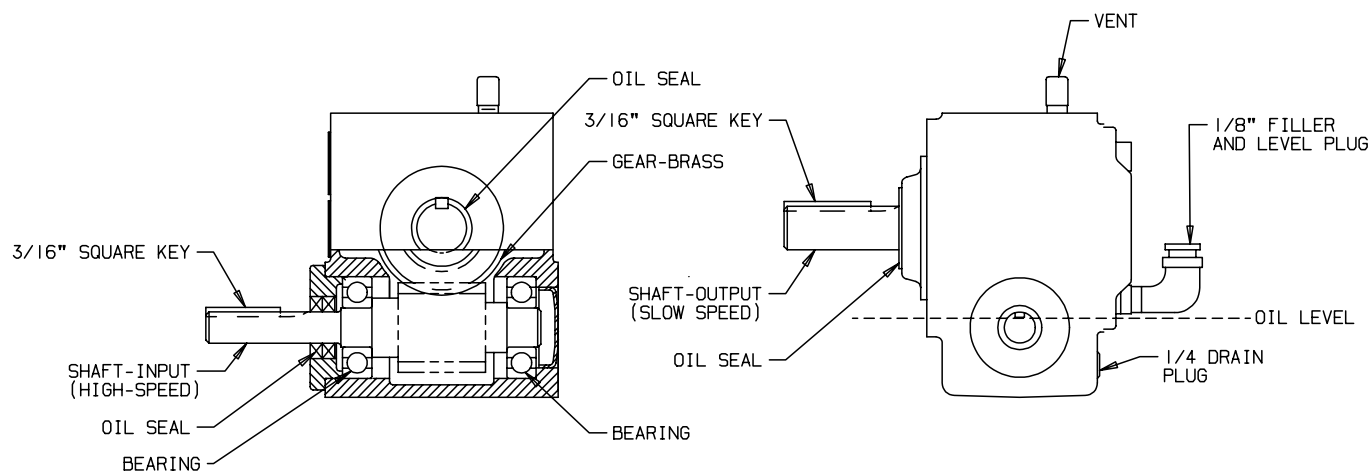
M00830

Model HCD926

HC153356 10:1 Ratio

Item	Part No.	Description	Quantity Required
1	HC153065	Bearing-Ball 1.378 ID x 2.835 OD	2 ea.
2	HC153066	Gasket-High Speed	1 ea.
3	HC153071	Seal-Slow Speed	2 ea.
4	HC153068	Bearing-Slow Speed Cone 1.25"	2 ea.
4A	HC153069	Bearing-Slow Speed Cup 2.328"	2 ea.
5	HC153070	Gasket-Slow Speed	1 ea.
6	HC153067	Seal-High Speed	2 ea.
7	HC153301	Gear-Slow Speed	1 ea.
	HC118742	Kit-Reducer Gasket Model HCD926	
	HC158055	Oil-Special Gear Lube	
	HC111964	Coupling-Assy. 1 in. Drive	

Figure 16 Gear Reducers - 44RMT



M00264

Model — HCD920

HC153354 5 - 1 Ratio

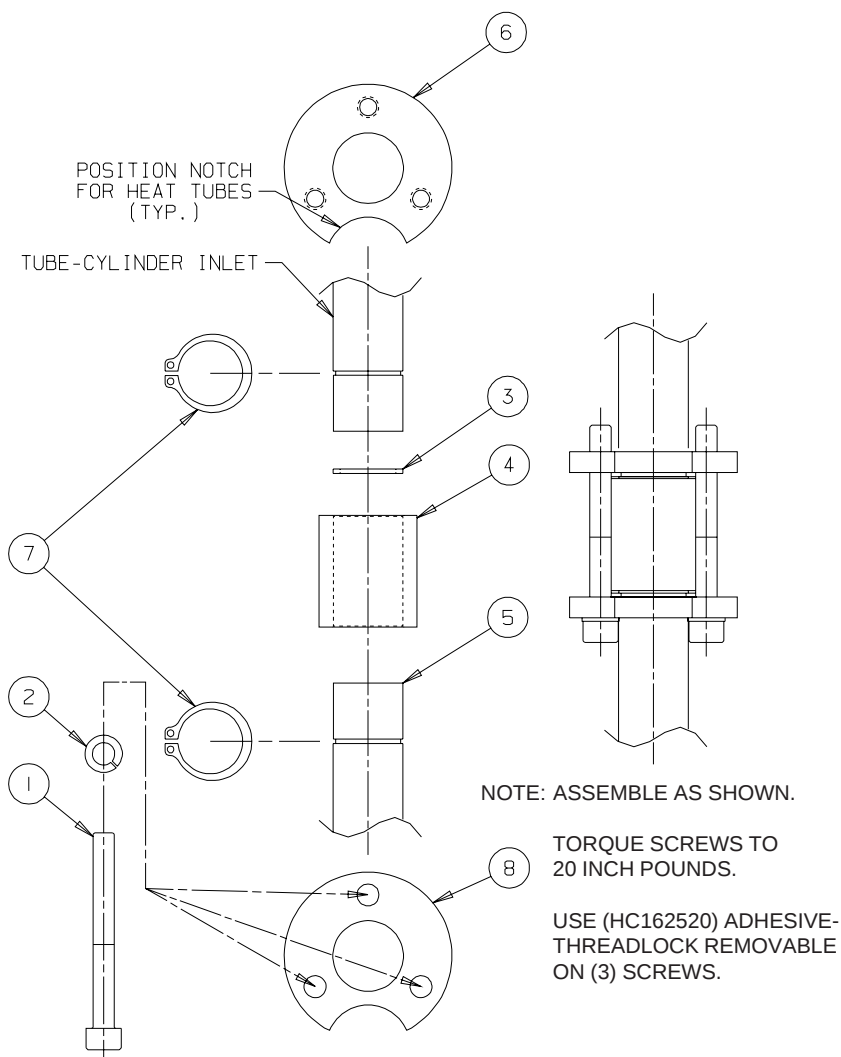
HC116537 Kit-Reducer Shaft Seals 1 ea. req.

HC158055 Oil-Special Gear Lube (per quart)

HC111780 Coupling-Assy. 7/8" Drive

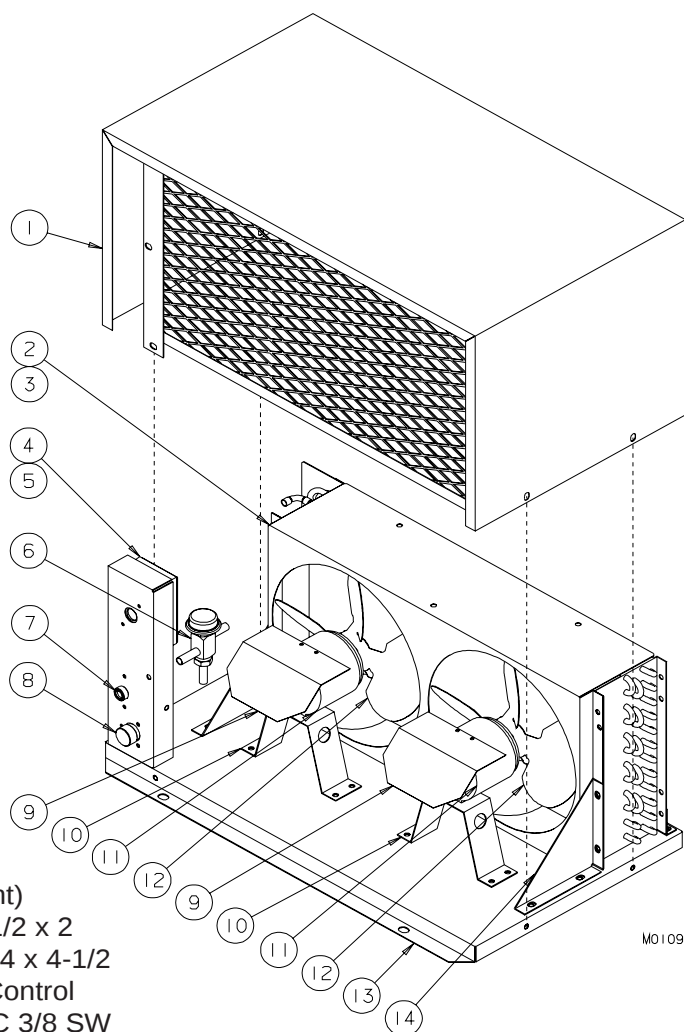
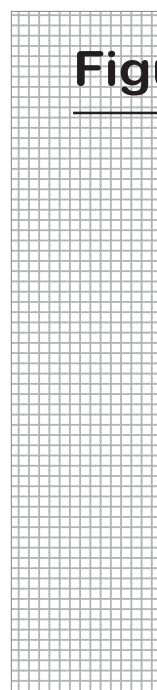
NOTE: Model HCD920 is not a rebuildable gear reducer.

Figure 17 Mix Feed Seal Assembly



Item	Part No.	Description
1	HC160320	Screw-SKHC #10-24 x 1-3/4 SST
2	HC160166	Washer-Lock #10 SST
3	HC160556	Gasket-Mix Joint
4	HC139351	Collar-Alignment
5	HC140023	Tube-Mix Feed Clamp (44RMT)
	HC140021	Tube-Mix Feed Clamp (15RMT)
6	HC139352	Clamp-Ring Threaded
7	HC160312	Ring-Retaining 5/8 Ext. SST
8	HC139353	Clamp-Ring

Figure 18 Air Cooled Remote Condenser



REF.	PART No.	DESCRIPTION
*	HC116781-01	Condenser-Assy. 2 Hp Remote (Complete)
1	HC117207	Cover-Assy. Condenser
2	HC155120-C	Condenser-Air
3	HC138465	Shroud-Fan
3A	HC137628	Brace-Condenser (Front)
4	HC150732	Box-Electric 2-3/4 x 4-1/2 x 2
5	HC150737	Cover-Electric Box 2-3/4 x 4-1/2
6	HC155454	Valve-Head Pressure Control
7	HC153420	Coupling-Refr. 3/8 MQC 3/8 SW
7A	HC140039	Plate-Coupling Mtg.
8	HC153418	Coupling-Refr. 1/2MQC 1/2 SW
8A	HC153502	Flange-Refr. Coupling Mount 1/2
8B	HC153503	Cap-Dust Refr. Coupling
9	HC139017	Shield-Motor Rain
10	HC137632	Bracket-Fan Condenser
11	HC151072	Motor-Fan 50W 230V 60Hz
12	HC159029	Blade-Fan 11" Dia 36°
13	HC117206	Base-Assy. Condenser
14	HC137629	Support-Condenser

* Includes all items above.

Not Shown:

HC155064	Receiver-10-1/2 lb. 3/8 ID Sweat
HC155465	Cut Out-Low Pressure
HC155466	Control-Pressure Fan
HC155487	Check-Valve 5/8 ODF Sweat
HC166026	Heater-Crankcase
HC119124	Kit-25 Foot Line Sets 404a
HC119125	Kit-50 Foot Line Sets 404a



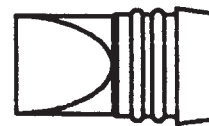
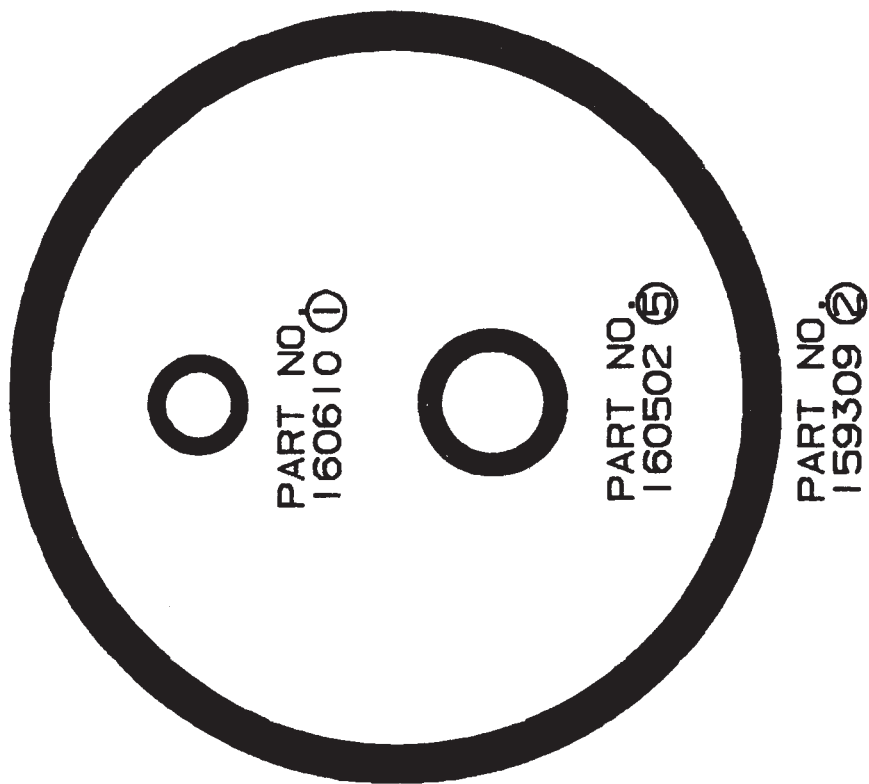
Accessories

Part No.	Description
HC196103	Bottle-Wash 500ML (Plunger & MTS)
HC158004	Brush-4" w/36" handle (Cylinder)
HC158009	Brush-4" w/o handle
HC158018	Brush-7/16" diameter 12" Overall Length
HC158019	Brush-9/16" diameter 30" Overall Length
HC158026	Brush-1" diameter 12" Long
HC158037	Brush-1/4" diameter 18-1/2" Overall Length
HC162133	Caster-Low Profile with Brake
HC162134	Caster-Low Profile w/o Brake
HC184256	Chart-O-Ring (Laminated)
HC112978	Leg-Assy, 6-inch
HC158000A	Lubricant-Petrol Gel (per tube)
HC158014	Sanitizer-Stera Sheen (per case)
HC158014A	Sanitizer-Stera Sheen (per jar)
HC158049	Scale-Overrun
HC169374	Tool-O-Ring Removal

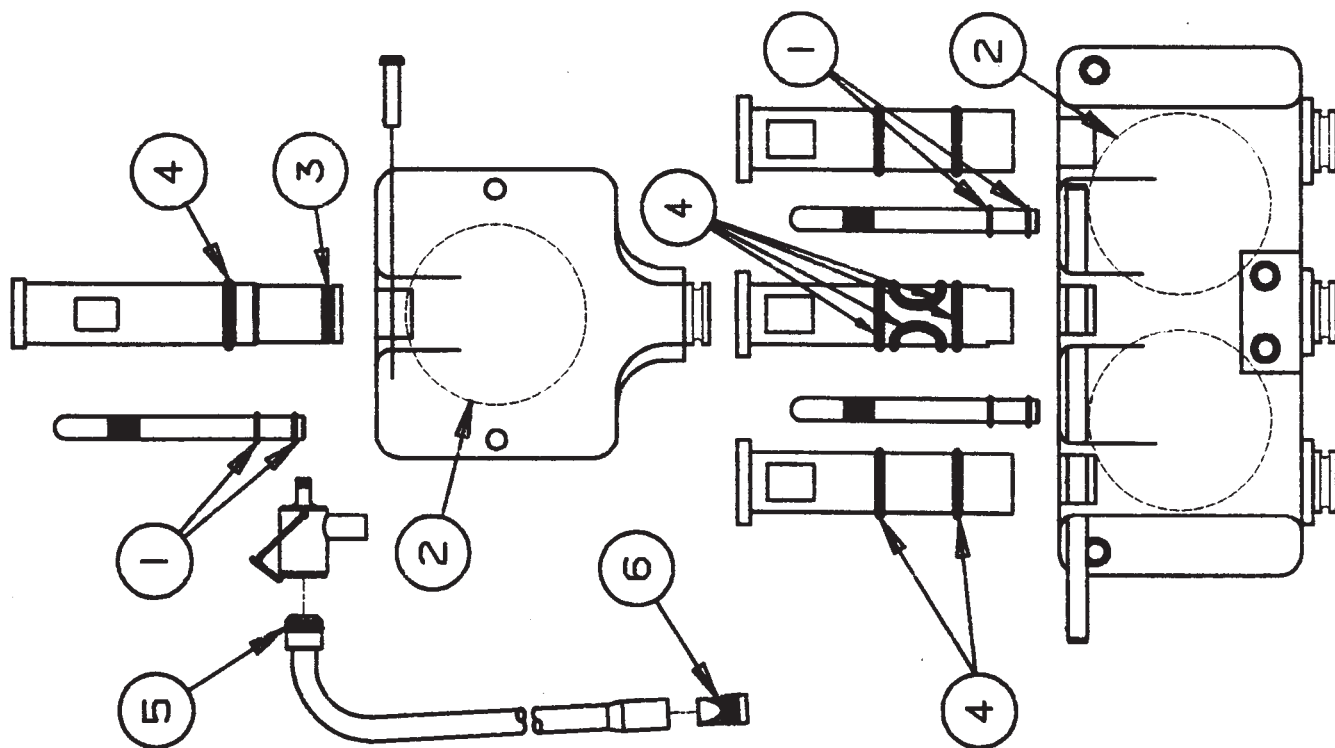
REV. A

SOFT SERVE DISPENSING HEADS

184256



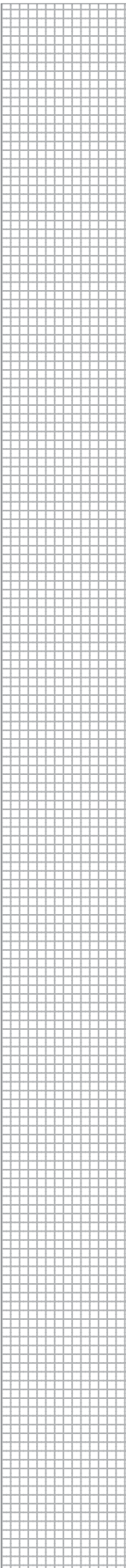
PART NO. 160582 ③ PART NO. 160501 ④ PART NO. 199032-01 ⑥



O-RING CHART

PH. NO. 309-755-4553

H.C. DUKE & SON, INC.



NOTES:

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Alphabetized Parts List

IMPORTANT: All parts shown are for standard models designed for 230V/1PH/60Hz or a 208-230V/3PH/60Hz. When ordering parts indicate machine model and serial number.

PART DESCRIPTION	PART NUMBER	QTY	SERIAL NUMBER (FROM – TO)	
Actuator-Assy. Door Switch	HC118597	1	A2I-100	—
Adaptor-Overload Din Rail (Overload Relay)	HC150145	1	A2I-100	—
Arm-Shoe Pivot	HC138797	1	A2I-100	—
Arm-Swing Clamp	HC138799	1	A2I-100	—
Base-Probe Mounting	HC137120	1	A2I-100	—
Bearing-Ball 1.378 ID X 2.835 OD (15RMT)	HC153065	2	A2I-100	—
Bearing-Slow Speed Cone 2.328" (15RMT)	HC153012	2	A2I-100	—
Bearing-Slow Speed Cup 1.25" (15RMT)	HC153015	2	A2I-100	—
Belt-V (44N-CM-W)	HC153162	1	A2I-100	—
Belt-V (15RMT)	HC153169	1	A2I-100	—
Blade-Fan 10" 32" (44RMT-A/C)	HC159018	2	A2I-100	—
Blade-Fan 11" 36° (15RMT-A/C)	HC159023	2	A2I-100	—
Blade-Fan 11" Dia 36° (ACR)	HC159029	2	A2I-100	—
Blade-Scraper (15RMT)	HC137334	2	A2I-100	—
Blade-Scraper (44RMT)	HC134966	2	A2I-100	—
Block-Insulation RMT	HC165524	1	A2I-100	—
Boot-Mix Tube (Seal)	HC199033	1	A2I-100	—
Bottle-Wash (Plunger & MTS)	HC196103	1	A2I-100	—
Box-Electric 2-3/4 x 4-1/2 x 2 (ACR)	HC150732	1	A2I-100	—
Bracket-Assy. Front Air Condenser (15RMT)	HC116494	4	A2I-100	—
Bracket-Assy. Switch Mtg. (RMT)	HC118763	1	A2I-100	—
Bracket-Condenser Mounting (Air Cooled)(44RMT)	HC138435	4	A2I-100	—
Bracket-Fan Condenser (ACR)	HC137632	2	A2I-100	—
Bracket-Fan Motor (Air Cooled)(44RMT)	HC138447	2	A2I-100	—
Bracket-Fan Mounting (Air Cooled)(15RMT)	HC138472	2	A2I-100	—
Bracket-Fan Mounting (Water Cooled)	HC139939	2	A2I-100	—
* As Required ** Items Included In O-Ring Kit No. HC115530 *** LH or RH — Left or right hand is determined as you face the front of freezer. NLA = No Longer Available ACR = Air Cooled Remote A/C = Air Cooled W/C = Water Cooled				

Use only original or authorized replacement parts with this freezer.

Alphabetized Parts List

IMPORTANT: All parts shown are for standard models designed for 230V/1PH/60Hz or 208-230V/3PH/60Hz. When ordering parts indicate freezer model and serial number.

PART DESCRIPTION	PART NUMBER	QTY	SERIAL NUMBER (FROM – TO)	
Bracket-Flange Relay Mtg.	HC138159	1	A2I-100	—
Brush-1" Diameter 12" Long	HC158026	1	A2I-100	—
Brush-4" w/36 in. Handle (Cylinder)	HC158004	1	A2I-100	—
Brush-4" w/o Handle (Cylinder)	HC158009	1	A2I-100	—
Brush-7/16" Diameter w/12" Handle	HC158018	1	A2I-100	—
Brush-9/16" Diameter w/30" Handle	HC158019	1	A2I-100	—
Bumper-Rubber (Drip Tray)	HC199030	1	A2I-100	—
Bushing-Alignment	HC138369	1	A2I-100	—
Bushing-Cylinder	HC196085	1	A2I-100	—
Button-Overload Reset Adapter	HC150150	1	A2I-100	—
Button-Reset (Lever Assy.)	HC159036	1	A2I-100	—
Button (Catch-Bullet) (Drip Tray)	HC159175	2	A2I-100	—
Capacitor-Run (Compressor)	See Compressor			
Capacitor-Run (Motor)	See Motor			
Capacitor-Start (Compressor)	See Compressors			
Capacitor-Start (Motor)	See Motor			
Capacitor-Start w/Bleed (RMT-Gearmotor)	HC150512	1	A2I-100	—
Cap-Dust Refr. Coupling	HC153503	1	A2I-100	—
Caster-Low Profile w/o Brake	HC162133	2	A2I-100	—
Caster-Low Profile with Brake	HC162134	2	A2I-100	—
Catch-Bullet (Drip Tray)	HC159175	2	A2I-100	—
Chart-O-ring-Laminated	HC184256	1	A2I-100	—
Clamp -Assy. Soft Hose 5/8	HC116065	1	A2I-100	—
Clamp-Hose 3-1/16" to 4" (Compressor)	HC160743	1	A2I-100	—
Clamp-Hose 3-9/16" - 4-1/2", Screw (Motor)	HC160739	1	A2I-100	—
Clamp-Hose Drain	HC160738	2	A2I-100	—
* As Required ** Items Included In O-Ring Kit No. HC115530 *** LH or RH — Left or right hand is determined as you face the front of freezer. NLA = No Longer Available ACR = Air Cooled Remote A/C = Air Cooled W/C = Water Cooled				

Use only original or authorized replacement parts with this freezer.

Alphabetized Parts List

IMPORTANT: All parts shown are for standard models designed for 230V/1PH/60Hz or a 208-230V/3PH/60Hz. When ordering parts indicate machine model and serial number.

PART DESCRIPTION	PART NUMBER	QTY	SERIAL NUMBER (FROM – TO)	
Clamp-Ring	HC139353	1	A2I-100	–
Clamp-Ring Threaded	HC139352	1	A2I-100	–
Clamp-Shoe Swing	HC138798	1	A2I-100	–
Clip-Retainer (Set of 2) (Mix Indicator)	HC150120	2	A2I-100	–
Clip-Tube Retainer (Pickup Tube)	HC162324	1	A2I-100	–
Coil-Evaporator	HC155111	1	A2I-100	–
Coil-Replacement (Beater Motor, Cabinet & Compressor Contactor)	HC150134	3	A2I-100	– E2J-1280
Coil-A/B 208-230V(Replacement) (Beater Motor, Cabinet & Compressor Contactor)	HC150136	3	E2J-1281	–
Collar-Alignment (Mix Feed Seal Assy.)	HC139351	1	A2I-100	–
Compressor 208-230/60/3 (15RMT) MTZ28JE3AVE	HC118686	1	A2I-100	–
Drier-Filter 16 CU IN	HC155054	1	A2I-100	–
Compressor-Assy. 208-230/60/3 (44RMT) MTZ28JE3AVE	HC119266	1	A2I-100	–
Drier-Filter 16 CU IN	HC155054	1	A2I-100	–
Compressor 230/60/1 (15RMT)	HC118685	1	A2I-100	–
Capacitor-Run	HC151447	1	A2I-100	–
Drier-Filter 16 CU IN	HC155054	1	A2I-100	–
Kit-Compressor Start & Relay	HC151488	1	A2I-100	–
Compressor-Assy. 230/60/1 (44RMT) MTZ28JE1AVE	HC119265	1	A2I-100	–
Capacitor-Run	HC151452	1	A2I-100	–
Drier-Filter 16 CU IN	HC155054	1	A2I-100	–
Kit-Compressor Start & Relay	HC151488	1	A2I-100	–
Condenser-Air (ACR)	HC155120-C	1	A2I-100	–
Condenser-Air (15RMT)	HC155120-C	1	A2I-100	–
Condenser-Air (44RMT)	HC155115-C	1	A2I-100	–
Condenser-Assy 2HP Remote (Complete)(ACR)	116781-01	1	A2I-100	–
* As Required ** Items Included In O-Ring Kit No. HC115530 *** LH or RH — Left or right hand is determined as you face the front of freezer. NLA = No Longer Available ACR = Air Cooled Remote A/C = Air Cooled W/C = Water Cooled				

Use only original or authorized replacement parts with this freezer.

Alphabetized Parts List

IMPORTANT: All parts shown are for standard models designed for 230V/1PH/60Hz or 208-230V/3PH/60Hz. When ordering parts indicate freezer model and serial number.

PART DESCRIPTION	PART NUMBER	QTY	SERIAL NUMBER (FROM – TO)	
Condenser-Water	HC155029	1	A2I-100	—
Connector-1/2 (Relay-Box MTS)	HC150828	1	A2I-100	—
Connector-3/8 x 90° (RMT)	HC150705	1	A2I-100	—
Contactora (Beater Motor, Cabinet, Compressor)	HC150135	3	A2I-100	— E2J-1280
Contactora-IEC 23A 208-230V (Beater Motor, Cabinet, Compressor)	HC150155	3	E2J-1281	—
Control-Pressure Fan (ACR)	HC155466	1	A2I-100	—
Cord-Assy. Female Plug (Evaporator)	HC150533	1	A2I-100	—
Cord-Assy. Male Plug (Evaporator)	HC150532	1	A2I-100	—
Cord-Assy. Motor (RMT)	HC118833	1	A2I-100	—
Cordset-Mix Level Probe	HC150537	1	A2I-100	—
Coupling-Assy. 1' Drive (15RMT)	HC111964	1	A2I-100	—
Coupling-Assy. 3/4' Drive (44RMT)	HC111780	1	A2I-100	—
Coupling-Refr. 1/2 MQC 1/2 SW (ACR)	HC153418	1	A2I-100	—
Coupling-Refr. 3/8 MQC 3/8 SW (ACR)	HC153420	1	A2I-100	—
Cover-Assy. Condenser (ACR)	HC117207	1	A2I-100	—
Cover-Electric Box 2-3/4 x 4-1/2 (ACR)	HC150737	1	A2I-100	—
Cover-Assy. Mix Tank Front	HC113997	1	A2I-100	—
Cover-Assy. RMT	HC118767	1	A2I-100	—
Cover-Rear Mix RMT (Tank)	HC138165-01	1	A2I-100	—
Cut-Out-High Pressure (W/C)	HC155425	1	A2I-100	—
Cut-Out-Low Pressure (ACR)	HC155465	1	A2I-100	—
Cut-Out-Low Pressure (A/C, W/C)	HC155403	1	A2I-100	—
Cylinder-Assy. Complete (15RMT)	HC118822	1	A2I-100	—
Cylinder-Assy. Complete (44RMT)	HC119127	1	A2I-100	—
Decal-6" Air Flow A/C and W/C	HC165119	1	A2I-100	—
Decal-Beater Warning	HC165025	1	A2I-100	—
* As Required ** Items Included In O-Ring Kit No. HC115530 *** LH or RH — Left or right hand is determined as you face the front of freezer. NLA = No Longer Available ACR = Air Cooled Remote A/C = Air Cooled W/C = Water Cooled				

Use only original or authorized replacement parts with this freezer.

Alphabetized Parts List

IMPORTANT: All parts shown are for standard models designed for 230V/1PH/60Hz or a 208-230V/3PH/60Hz. When ordering parts indicate machine model and serial number.

PART DESCRIPTION	PART NUMBER	QTY	SERIAL NUMBER (FROM – TO)	
Decal-Cleaning Instructions	HC164113	1	A2I-100	—
Decal-Clear Overlay	HC165096	1	A2I-100	—
Decal-CMT Patent	HC165013	1	A2I-100	—
Decal-Electric Box Danger	HC165000	1	A2I-100	—
Decal-MTS Connect Red Line	HC164110	1	A2I-100	—
Decal-MTS Trimstrip	HC164124	1	A2I-100	—
Decal-Operating Instructions	HC164004-01	1	A2I-100	—
Decal-Panel Removal	HC165126	3	A2I-100	—
Decal-Sheave Removal (Pulley)	HC165040	1	A2I-100	—
Decal-Top Air Discharge (A/C)	HC165124	1	A2I-100	—
Decal-Trimstrip EF Logo 18 inch	HC165188-04	1	A2I-100	—
Decal-Trimstrip Sonic Logo 18 inch	HC165175	1	A2I-100	—
Decal-Ventilation (ACR)	HC169048	1	A2I-100	—
Decal-Warning Pressurized	HC165246	1	A2I-100	—
Decal-Warning Rotating Parts	HC165048	1	A2I-100	—
Door-Assy. w/o Hinges	HC114260-06-C	1	A2I-100	—
Drier-Filter 16 cu. in.	HC155054	1	A2I-100	—
Duckbill-Inlet RMT	HC199032-01	1	A2I-100	—
Faceplate-Assy. MTS	HC118764	1	A2I-100	—
Fan-Intake 230v (Evaporator)	HC151105	1	A2I-100	—
Filter-Assy. (Switch Box)	HC1HC16125	1	A2I-100	—
Flange-Refr. Coupling Mount 1/2	HC153502	1	A2I-100	—
Gasket-High Speed (15RMT)	HC153066	1	A2I-100	—
Gasket-Magnetic (Door)	HC160563-02	1	A2I-100	—
Gasket-Mix Joint (Mix Feed Seal Assy.)	HC160556	1	A2I-100	—
* As Required ** Items Included In O-Ring Kit No. HC115530 *** LH or RH — Left or right hand is determined as you face the front of freezer. NLA = No Longer Available ACR = Air Cooled Remote A/C = Air Cooled W/C = Water Cooled				

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Alphabetized Parts List

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PART DESCRIPTION	PART NUMBER	QTY	SERIAL NUMBER (FROM – TO)
Gasket-Slow Speed (15RMT)	HC153070	1	A2I-100 –
Gauge-Assy. Pressure Test	HC116312	1	A2I-100 –
Gear-Slow Speed (15RMT)	HC153301	1	A2I-100 –
Gear-Worm on Shaft (15RMT)	HC153347	1	A2I-100 –
Gearmotor-1/8 Hp CSIR (MTS)	HC151132	1	A2I-100 –
Capacitor-Start w/Bleed	HC150512	1	A2I-100 –
Switch-Start Solid State	HC150893	1	A2I-100 –
Glass-Sight	HC155059	1	A2I-100 –
Guard-Fan Open	HC151076	1	A2I-100 –
Guide-Assy. Push Rod	HC114174	1	A2I-100 –
Handle-Assy. Dispense w/Knob	HC110007	1	A2I-100 –
Knob-Ball 3/8-16 THD Black	HC162629	1	A2I-100 –
Handle-Assy. Round (MTS)	HC116164	1	A2I-100 –
Head-Assy. Complete	HC118902	1	A2I-100 –
Handle-Assy Dispense	HC110007	1	A2I-100 –
Head-Assy. (Head Only)	HC118566	1	A2I-100 –
Nozzle-Serrated	HC196185	1	A2I-100 –
O-ring (Head)	HC159309	1	A2I-100 –
O-ring (Plunger-Upper)	HC160501	1	A2I-100 –
O-ring (Plunger-Lower)	HC160582	1	A2I-100 –
O-ring (Plug)	HC160610	1	A2I-100 –
Pin-Handle	HC160268	1	A2I-100 –
Plug-Air Bleed	HC138149	1	A2I-100 –
Plunger-Dispense	HC139581	1	A2I-100 –
Hinge-Pivot 1-3/8" Bottom LH	HC162046	1	A2I-100 –
Hinge-Pivot 1-3/8" Top LH	HC162045	1	A2I-100 –
Hose-Assy. Mix Braided	HC116094	1	A2I-100 –
Hose-Air	See "Tube-Air"		
Hose-Transfer Red Line	HC138836	1	A2I-100 –
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Alphabetized Parts List

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PART DESCRIPTION	PART NUMBER	QTY	SERIAL NUMBER (FROM – TO)	
Indicator-Mix Level	HC150202	1	A2I-100	—
Insert-Drip Tray	HC116540	1	A2I-100	—
Insulator-Compressor Wrap MTZ (Maneurop)	HC165522	1	J2H	—
Insulator-Expansion Valve	HC165531	2	A2I-100	—
Insulator-Rotalock Valve (15RMT & 44RMT 1 Phase)	HC165532	1	A2I-100	—
Key-Drive 3/16 SQ x 1-1/2 LG	HC153322	1	A2I-100	—
Kit-25 Foot Line Sets 404a	HC119124	1	A2I-100	—
Kit-50 Foot Line Sets 404a	HC119125	1	A2I-100	—
Kit-Compressor Start Capacitor&Relay (1 Ph)	HC151448	1	A2I-100	—
Kit-Cover Switch RMT Freezer	HC118894	1	A2I-100	—
Kit-Dispense Head Switch	HC116410	1	A2I-100	—
Kit-Maneurop Compr. Mtg.	HC151446	1	A2I-100	—
Kit-Motor & Capacitor 1ph (Drive)(44RMT)	HC118140	1	A2I-100	—
Capacitor-Run	HC150318	1	A2I-100	—
Capacitor-Start	HC150872	1	A2I-100	—
Kit-Motor & Capacitor 1ph (Drive)(44RMT)	HC118254	1	A2I-100	—
Capacitor-Motor Start	HC150319	1	A2I-100	—
Capacitor-Run	HC150318	1	A2I-100	—
Kit-Pressure Switch 30 PSI	HC118712	1	A2I-100	—
Kit-Reducer Gasket Model HCD-926	HC118742	1	A2I-100	—
Kit-Reducer Shaft Seals Model HCD-920 (44RMT)	HC116537	1	A2I-100	—
Kit-Roller (Complete)	HC116009-01	1	A2I-100	—
Kit-Water Valve Repair	HC155444	1	A2I-100	—
Kit-O-ring (Dispense Head)	HC115530	*	A2I-100	—
Kit-Pressure Gauge	HC116312	1	A2I-100	—
Knob-Ball Handle	HC162629	1	A2I-100	—
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PART DESCRIPTION	PART NUMBER	QTY	SERIAL NUMBER (FROM – TO)	
Knob-Cover RMT	HC138889	1	A2I-100	—
Knob-Hand (Head)	HC136798	1	A2I-100	—
Knob-Hand (RMT)	HC162622	1	A2I-100	—
Knob-Oval Taper (MTS)	HC162627	1	A2I-100	—
Knob-Timer	HC162604	1	A2I-100	—
Label-Trimstrip (Switches)	HC164124	1	A2I-100	—
Lanyard-Wire (RMT)	HC138890	1	A2I-100	—
Leg-Assy. 6-inch	HC112978	4	A2I-100	—
Lever-Assy. Reset	HC118390	1	A2I-100	—
Button-Reset	HC159036	1	A2I-100	—
Light-Indicator 230v	HC150540	1	A2I-100	—
Lubricant-Petrol Gel (per tube)	HC158000A	1	A2I-100	—
Meter-Air	<i>Order by Meter Number or see Chart Page 4</i>			
Module-Plug On Vari Time	HC150253	1	A2I-100	—
Motor & Capacitor-Kit (Drive-1 Phase)	HC118140	1	A2I-100	—
Capacitor-Run	HC150318	1	A2I-100	—
Capacitor-Start	HC150872	1	A2I-100	—
Motor-2 HP (Drive-3 Phase)	HC151052	1	A2I-100	—
Motor-Fan (A/C) (15RMT)	HC151077-01	1	A2I-100	—
Motor-Fan (A/C) (44RMT)	HC151080	1	A2I-100	—
Motor-Fan 50W 230V 60Hz (ACR)	HC151072	2	A2I-100	—
Motor-Gearmotor-1/8 HP CSIR (RMT)	HC151132	1	A2I-100	—
Capacitor-Start w/Bleed	HC150512	1	A2I-100	—
Switch-Start Solid State	HC150893	1	A2I-100	—
MOV-Assy. (Switch Box)	HC116188	1	A2I-100	—
MT-Assy. CAB Red Line (Complete)	HC118751	1	A2I-100	—
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PART DESCRIPTION	PART NUMBER	QTY	SERIAL NUMBER (FROM – TO)	
Nozzle-Serrated	HC196185	1	A2I-100	—
Nut-Assy . Pressure Switch	HC116105	1	A2I-100	—
Nut-HEX 3/8-16 SST (RMT)	HC159927	2	A2I-100	—
Nut-HXSF 1/4-20 SST (RMT)	HC159933	3	A2I-100	—
Nut-HEX #6-32 (Plunger Switch)	HC160309	1	A2I-100	—
Nut-HEX 1/4-20 (Adjusting-Plunger Switch)	HC160104	1	A2I-100	—
Nut-HXSF 1/4-20 (MTS-Relay Box)	HC159951	2	A2I-100	—
Nut-Push Rod (Drip Tray)	HC160289	1	A2I-100	—
Nut-Speed #10-24 .025-.064 (Panel-Dispense and Front)	HC159132	1	A2I-100	—
Nut-Speed #10-24 .100-.125 (Front Frame)	HC159067	1	A2I-100	—
Nut-Speed #6-32 BKOX (MTS Relay Box)	HC160116	2	A2I-100	—
Nut-Speed 1/4-20 (Panel-Rear and Side)	HC160114	1	A2I-100	—
O-ring (Head)	HC159309	**	A2I-100	—
O-ring (Mix Inlet Tube)	HC160502	1	A2I-100	—
O-ring (Plug)	HC160610	**	A2I-100	—
O-ring (Plunger-Lower)	HC160582	**	A2I-100	—
O-ring (Plunger-Upper)	HC160501	**	A2I-100	—
O-ring (Roller Shoe)	HC160612	1	A2I-100	—
O-ring (Shaft Seal)	HC160500	**	A2I-100	—
O-ring (Swing Clamp)	HC160628	1	A2I-100	—
Oil-Special Gear Lube (per quart)	HC158055	1	A2I-100	—
Overload Block	See Relay-Overload			
Pan-Assy. Condensate	HC116560	1	A2I-100	—
Panel-Assy. Front	HC116482-C	1	A2I-100	—
Panel-Assy. Top (15RMT-A/C)	HC116509-C	1	A2I-100	—
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PART DESCRIPTION	PART NUMBER	QTY	SERIAL NUMBER (FROM – TO)	
Panel-Assy. Top (44RMT-A/C)	HC116499-C	1	A2I-100	—
Panel-Assy. Top (15RMT-W/C and ACR)	HC116514-C	1	A2I-100	—
Panel-Assy. Top (44RMT W/C and ACR)	HC119234-C	1	A2I-100	—
Panel-Dispense	HC138454	1	A2I-100	—
Panel-Lower Rear (ACR)	HC139135	1	A2I-100	—
Panel-Rear A/C & W/C	HC140024-C	1	A2I-100	—
Panel-Side LH (15RMT)	HC137027-C	1	A2I-100	—
Panel-Side LH (44RMT)	HC137543-C	1	A2I-100	—
Panel-Side RH (15RMT)	HC137028-C	1	A2I-100	—
Panel-Side RH (44RMT)	HC137544-C	1	A2I-100	—
Panel-Upper Rear (ACR)	HC139134	1	A2I-100	—
Pin-Dowel 1/4 DIA x 3/4 SST (RMT)	HC160338	2	A2I-100	—
Pin-Handle (Head Assy.)	HC160268	1	A2I-100	—
Plate-Backup MTS (RMT)	HC139746	1	A2I-100	—
Plate-Coupling Mtg.(ACR)	HC140039	1	A2I-100	—
Plug-Air Bleed (Relief)(Head Assy.)	HC138149	1	A2I-100	—
Plunger-Dispense Self Close (Head Assy.)	HC139581	1	A2I-100	—
Port-Assy. Inlet Mix/Air (RMT Hose Assy.)	HC118765	1	A2I-100	—
Probe-Assy. Mix Level 10-3/4"	HC115397	1	A2I-100	—
Pull-Door (Handle)	HC136199	1	A2I-100	—
Pulley	See Sheaves			
Push Rod-Assy. Plunger Switch (Head Assy.)	HC113426	1	A2I-100	—
Receiver-3 lb. (W/C, A/C)	HC155057	1	A2I-100	—
Receiver-10-1/2 lb. 3/8 Sweat (ACR)	HC155064	1	A2I-100	—
Receptacle-Molded Level Sensor	HC150536	1	A2I-100	—
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PART DESCRIPTION	PART NUMBER	QTY	SERIAL NUMBER (FROM – TO)	
Reducer-Gear (15RMT)	HC153356	1	A2I-100	—
Reducer-Gear (44RMT)	HC153354	1	A2I-100	—
Relay-Flange	HC150381	1	A2I-100	—
Relay-Assy. Overload 3.7-12A (3 Ph)	HC118361	1	A2I-100	—
Adaptor-Overload Din Rail	HC150145	1	A2I-100	—
Button-Overload Reset Adaptor	HC150150	1	A2I-100	—
Relay-Overload 3ph 3.7-12A	HC150142	1	A2I-100	—
Relay-Assy. Overload 5-15A (1 Phase)	HC118359	1	A2I-100	—
Adaptor-Overload Din Rail	HC150145	1	A2I-100	—
Button-Overload Reset Adaptor	HC150150	1	A2I-100	—
Relay-Overload 1ph 5-15A	HC150140	1	A2I-100	—
Relay-Flange Base w/Cover	HC150381	1	A2I-100	—
Relay-Start (Compressor)	See Compressors			
Ring-Retaining 5/8 Ext. SST (Mix Feed Seal Assy.)	HC160312	2	A2I-100	—
Rivet-Ratchet Plastic (Compressor Wrap)	hc160419	4	J2H	—
Rod (Push)-Assy. Plunger Switch	HC113426	1	A2I-100	—
Roller-Assy. Complete	HC116009	1	A2I-100	—
Sanitizer-Stera Sheen (per case)	HC158014	1	A2I-100	—
Sanitizer-Stera Sheen (per jar)	HC158014A	1	A2I-100	—
Scale-Overrun	HC158049	1	A2I-100	—
Screw-HXHC 1/4-20 x 2-1/2 SST (RMT)	HC160464	2	A2I-100	—
Screw-HXHC 1/4-20 x 3-1/2 SST (RMT)	HC160465	1	A2I-100	—
Screw-HXHM 1/4-20 x 2-1/2 (Adjusting Bolt-Plunger Switch)	HC159965	1	A2I-100	—
Screw-HXSF 1/4-20 x 11/16 SST (RMT)	HC159939	1	A2I-100	—
Screw-HXSF 1/4-20x1/2 (MTS-Relay Box)	HC159950	2	A2I-100	—
Screw-RDHM #4-40 x 1/4 STL (RMT)	HC160357	2	A2I-100	—
Screw-RDHM #6-32x5/16 (MTS-Relay Box)	HC160308	2	A2I-100	—
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PART DESCRIPTION	PART NUMBER	QTY	SERIAL NUMBER (FROM – TO)	
Screw-SK Set 1/4 (15RMT)	HC160495	2	A2I-100	—
Screw-SK Set 5/16 (44RMT)	HC160033	2	A2I-100	—
Screw-SKHC #10-24 x 1-3/4 SST	HC160320	3	A2I-100	—
Screw-TRPM 1/4-20x1/2 SST (Panel-Rear)	HC160048	*	A2I-100	—
Screw-TRPM 1/4-20x1 SST (Panel-Side) (MTS-Mounting)	HC159219	*	A2I-100	—
Screw-TRPM #10-24x1/2 SST (Panel-Dispense, Front and Trimstrip)	HC160076	*	A2I-100	—
Screw-TRPM #10-24x3/8 SST (Panel-Top)	HC160305	*	A2I-100	—
Screw-TRPS 1/4-28 x 2-1/4 SST (RMT)	HC160093	4	A2I-100	—
Seal-Assy. Complete (Beater Shaft)	HC111875	**	A2I-100	—
Seal-Beater Shaft	HC160557	1	A2I-100	—
Washer-Shaft Seal	HC133098	1	A2I-100	—
O-ring-Seal	HC160500	1	A2I-100	—
Seal-High Speed (15RMT)	HC153067	2	A2I-100	—
Seal-Slow Speed (15RMT)	HC153071	2	A2I-100	—
Sensor-10K Thermistor	HC161216	1	A2I-100	—
Shaft-Assy. Beater (15RMT)	HC113438	1	A2I-100	—
Shaft-Assy. Beater (44RMT)	HC113467	1	A2I-100	—
Sheave-3/4 Bore (Driven-15RMT)	HC153625	1	A2I-100	—
Sheave-5/8 Bore (Driven-44RMT)	HC153602	1	A2I-100	—
Sheave-7/8 Bore (Driver-15RMT)	HC153626	1	A2I-100	—
Sheave-7/8 Bore (Driver-44RMT)	HC153611	1	A2I-100	—
Shield-Drip (RMT)	HC139756	1	A2I-100	—
Shield-Motor Rain (ACR)	HC139017	2	A2I-100	—
Shoe-Roller (RMT)	HC139751	1	A2I-100	—
Shroud-Assy. Evaporator	HC116516-01	1	A2I-100	—
Shroud-Fan (ACR)	HC138465	1	A2I-100	—
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PART DESCRIPTION	PART NUMBER	QTY	SERIAL NUMBER (FROM – TO)	
Sight Glass	HC155059	1	A2I-100	—
Sleeve-Cable Stop 3/64 (RMT)	HC160508	2	A2I-100	—
Socket-Octal Terminal (Mix Indicator)	HC150119	1	A2I-100	—
Spacer-Motor (RMT)	HC138793	4	A2I-100	—
Spacer-Panel (Rear and Side)	HC138456	*	A2I-100	—
Spacer-Swing Arm (RMT)	HC138800	2	A2I-100	—
Spring-LH (Hinge-Upper)	HC162052	1	A2I-100	—
Spring-Compression MW ZN (Plunger Switch)	HC162323	1	A2I-100	—
Strip-Terminal	HC150795	1	A2I-100	—
Stud-5/16-18 x 3/4 SST (RMT)	HC160386	1	A2I-100	—
Stud-Assy. Cylinder 1- ¹⁵ / ₁₆ in	HC114341	1	A2I-100	—
Support-MTS (Relay Box)	HC138248	1	A2I-100	—
Support-Roller Bearing (RMT)	HC138783-01	1	A2I-100	—
Switch-Kit Pressure 30 PSI (MTS)	HC118712	1	A2I-100	—
Switch-Assy. Self Closing Plunger	HC114176-01	1	A2I-100	—
Switch-Roller Actuator	HC150477	1	A2I-100	—
Spring-Plunger	HC162323	1	A2I-100	—
Switch-Cover RMT (Kit)	HC118894	1	A2I-100	—
Switch-Door Push Button	HC150509	1	A2I-100	—
Switch-Dispense Head (Kit)	HC116410	1	A2I-100	—
Switch-Start Solid State (RMT-Gearmotor)	HC150893	1	A2I-100	—
Switch-Roller Actuator SPDT (Plunger)	HC150477	1	A2I-100	—
Switch-Toggle 3PDT (Selector)	HC150465	1	A2I-100	—
Switch-Toggle SPST (CAB)	HC159235	1	A2I-100	—
Switch-Toggle SPST (Day/Night)	HC159235	1	A2I-100	—
Switch-Toggle SPST (Mix Transfer System)	HC159235	1	A2I-100	—
Tank-Mix 7 Gallon 13-1.4" High	HC196222	1	A2I-100	—
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PART DESCRIPTION	PART NUMBER	QTY	SERIAL NUMBER (FROM – TO)	
Thermometer-Barrel (Cabinet)	HC161004	1	A2I-100	–
Thermostat-Assy. w/Cover (Cabinet) (Ranco)	HC118868	1	A2I-100	– F2I-1443
Thermostat-Evap. 41°F Fixed w/OFF (Cabinet)(Danfoss)	HC155483	1	F2I-1444	–
Thermostat-Low (Day/Night)	HC155442	1	A2I-100	–
Timer-.5-60 Delay on Break	HC150252-01	1	A2I-100	–
Timer-12 Second Delay on Break	HC150208	1	A2I-100	–
Timer-5-Minute	HC150218	1	A2I-100	–
Tool-O-ring Removal	HC169374	1	A2I-100	–
Tray-Drip	HC196107-02	1	A2I-100	–
Trimstrip-Assy. EF Decal 18 in.	HC116513	1	A2I-100	–
Trimstrip-Assy. Sonic Decal 18 in.	HC117900	1	A2I-100	–
Tube-Air 7-1/2"	HC138170-02	1	A2I-100	– J2I
Tube-Air 8-1/2"	HC138170-03	1	J2I	–
Tube-Assy. Drain (15RMT)	HC114374	1	A2I-100	–
Tube-Assy. Drain (44RMT)	HC114188	1	A2I-100	–
Tube-Assy. Mix Inlet	HC118836	1	A2I-100	–
Tube-Assy. Pickup	HC118842	1	A2I-100	–
Tube-Mix Feed Clamp (15RMT)	HC140021	1	A2I-100	–
Tube-Mix Feed Clamp (44RMT)	HC140023	1	A2I-100	–
Tubing-3/8 ID x 1/2 OD	HC196068	1	A2I-100	–
Tubing-3/16 ID x 5/16 OD PVS (Condensate Pan)	HC196002	1	A2I-100	–
Valve-Assy. Rotalock (15RMT & 1 Phase 44RMT)	HC118257	1	A2I-100	–
Valve-Rotalock 1-14x1/2 RH (3 Phase 44RMT)	HC155069	1	A2I-100	–
Valve-Automatic Expansion (Cabinet)	HC155449	1	A2I-100	–
* As Required ** Items Included In O-Ring Kit No. HC115530 *** LH or RH — Left or right hand is determined as you face the front of freezer. NLA = No Longer Available ACR = Air Cooled Remote A/C = Air Cooled W/C = Water Cooled				

Use only original or authorized replacement parts with this freezer.

Alphabetized Parts List

IMPORTANT: All parts shown are for standard models designed for 230V/1PH/60Hz or a 208-230V/3PH/60Hz. When ordering parts indicate machine model and serial number.

PART DESCRIPTION	PART NUMBER	QTY	SERIAL NUMBER (FROM – TO)	
Valve-Automatic Expansion (Cylinder)(15RMT)	HC155443	1	A2I-100	– A2J-195
Valve-Automatic Expansion (Cylinder)(44RMT)	HC155448	1	A2I-100	– A2J-195
Valve-Automatic Expansion (Cylinder) (15RMT & 44RMT)	HC155490	1	A2J-196	–
Valve-Check 1/2 OD Sweat	HC155409	1	A2I-100	–
Valve-Duckbill (Inlet)	HC199032-01	1	A2I-100	–
Valve-Head Pressure Control (ACR)	HC155454	1	A2I-100	–
Valve-Solenoid	HC155421	1	A2I-100	–
Valve-Assy. Water	HC113769	1	A2I-100	–
Valve-Water	HC155410	1	A2I-100	–
Valve-Water Repair Kit	HC155444	1	A2I-100	–
Washer-Curved Spring (RMT)	HC160145	1	A2I-100	– K2I
Washer-Spring Wave SST	HC160173	1	K2I	–
Washer-Flat #6 (Plunger Switch)	HC160393	1	A2I-100	–
Washer-Flat #6 Brass (RMT)	HC160393	1	A2I-100	–
Washer-Flat 3/8 SST (RMT)	HC160170	1	A2I-100	–
Washer-Lock #6 (Plunger Switch)	HC160392	1	A2I-100	–
Washer-Lock #10 SST (Mix Feed Seal Assy.)	HC160166	1	A2I-100	–
Washer-Lock 3/8 SST (RMT)	HC160169	1	A2I-100	–
Washer-Rotalock Valve (15RMT & 44RMT 1 Phase)	HC160177	1	A2I-100	–
* As Required ** Items Included In O-Ring Kit No. HC115530 *** LH or RH — Left or right hand is determined as you face the front of freezer. NLA = No Longer Available ACR = Air Cooled Remote A/C = Air Cooled W/C = Water Cooled				

Use only original or authorized replacement parts with this freezer.