

ELECTRO FREEZE®

Replacement Parts Manual with Illustrations

FREEDOM 360°
Series

**Soft Serve Twist Freezer
Model 180T-RMT**

184637-01 4/09

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 any 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

Table of Contents

ILLUSTRATIONS

Figure 1	Head Assembly	1
Figure 2	Beater Shaft Assembly	2
Figure 3	Cabinet Parts	3
Figure 4	Mix Transfer System (RMT)	4
Figure 5	MTS-RMT Hose Assembly	6
Figure 6	Switch Assemblies	7
Figure 7	Switch Box	8
Figure 8	Panel Assembly	10
Figure 9	Front/Side Assembly	12
Figure 10	Gear Reducer	14
Figure 11	Mix Feed Seal Assembly	15

OTHER LISTS and INFORMATION

Accessories	16
O-Ring Chart	17
Clean & Sanitizing Sheet	19
Alphabetized Parts List	21

Use only original or authorized replacement parts with this freezer.
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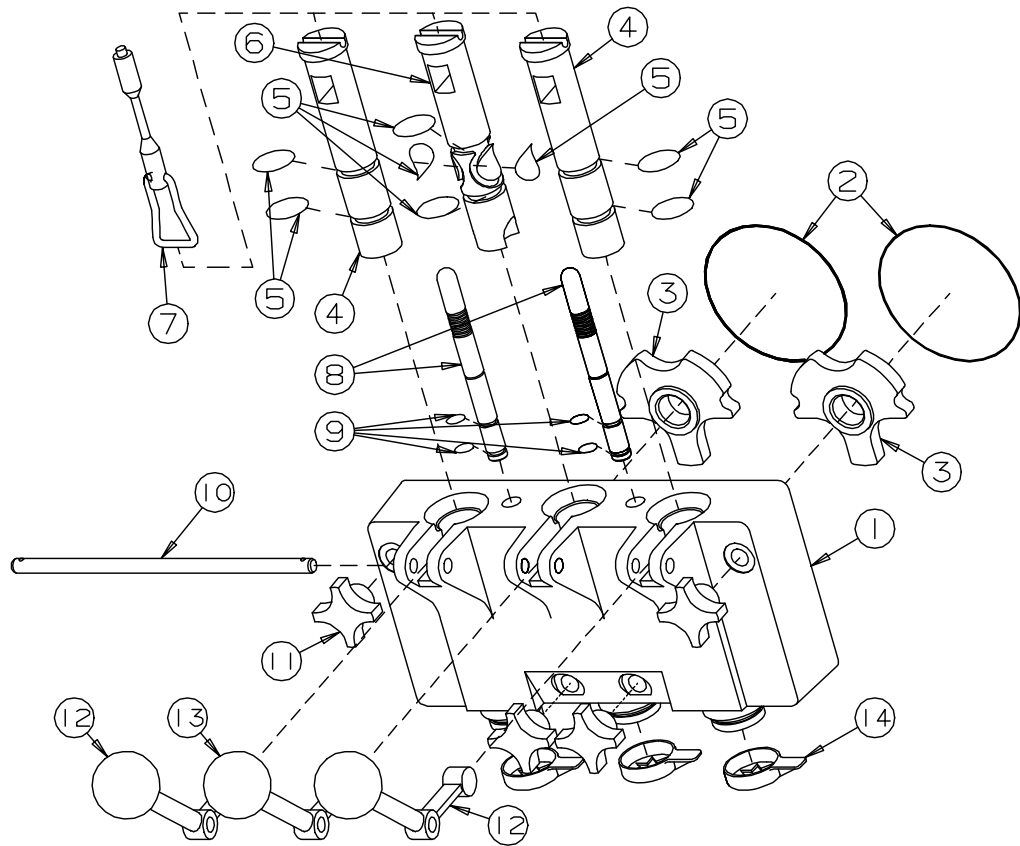


Figure 1 Head Assembly

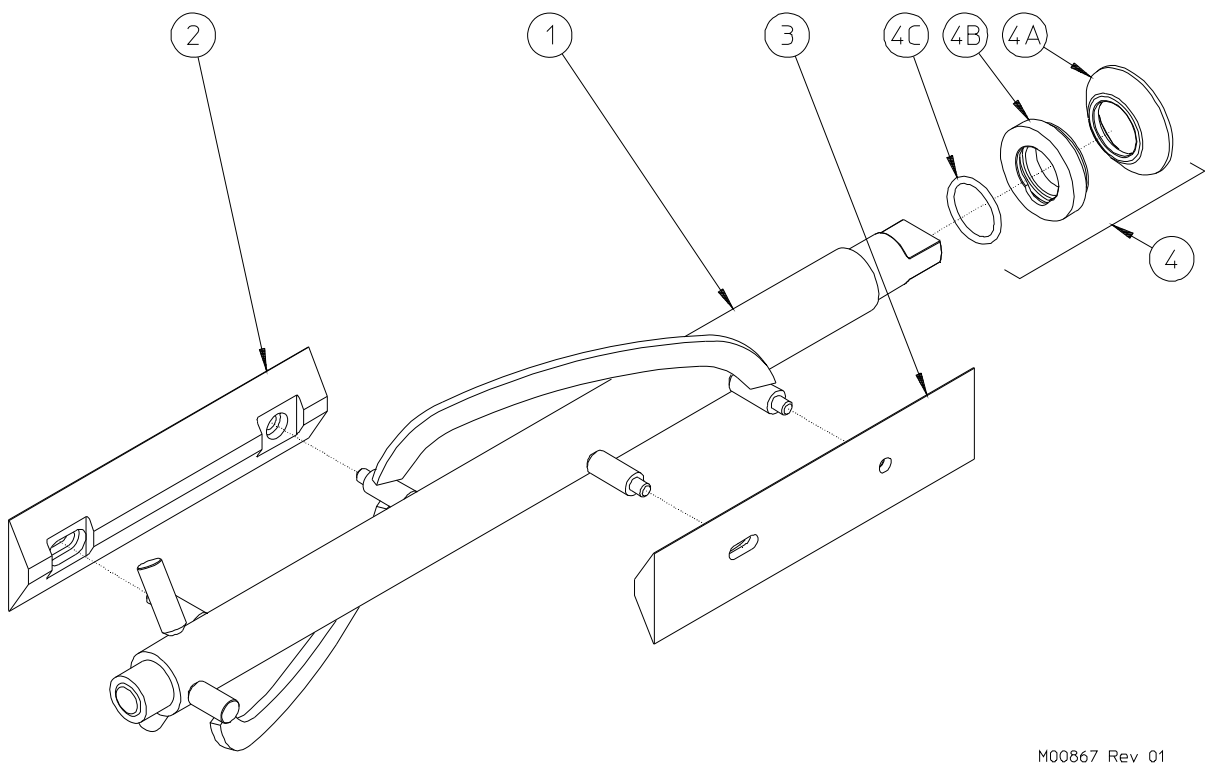
Item	Part No.	Description
*	HC116042	Head-Assy.Dispense
1	HC116041	Head-Assy. w/actuators
2	HC159309	O-Ring (Head)
3	HC138427	Bushing-Dispense Head
4	HC137174	Plunger-Side Self Dispense
5	HC160501	O-Ring (Plunger)
6	HC138009	Plunger-Dispense Center
7	HC116089	Push Rod-Assy. Plunger Switch
8	HC138149	Plug-Air Bleed
9	HC160610	O-Ring (Air Plug)
10	HC160269	Pin-Handle
11	HC162625	Knob-Hand
12	HC110007	Handle-Assy. Dispense (Side)
	HC162629	Knob-Ball 3/8-16 THD Black
13	HC114808	Handle-Assy. Dispense (Center)
	HC162629	Knob-Ball 3/8-16 THD Black
14	HC196185	Nozzle-Serrated

* Includes all items above except #3, 7 and 11.

HC114341-05 Stud-Assy. Cylinder 3-15/16 (not shown)

HC116410 Kit-Dispense Head Switch (not shown)

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M00867 Rev 01

Figure 2 Beater Shaft Assembly

Item	Part No.	Description
1	HC117080	Shaft-Assy. Beater
2	HC138086	Blade-Scraper (Short)
3	HC138839	Blade-Scraper Rear (Long)
4	HC111875	Seal-Assy. Shaft includes
4A	HC160557	Seal-Beater Shaft (Cup)
4B	HC133098	Washer-Shaft Seal (Bushing)
4C	HC160500	O-ring (Seal)
or	HC160567	Seal-Shaft (Double Sided Single Piece)(Alternate)

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AIR METERS	
Meter No.	Part No.
9	163423
10	163424
11	163425
12	163426
13	163421
13.5	163421-05
14	163427
14.5	163427-05
15	163428
15.5	163428-05
16	163429
16.5	163429-05
17	163430
17.5	163430-05
18	163431
18.5	163431-05
19	163432
19.5	163432-05
20	163433
20.5	163433-05
21	163434
21.5	163434-05
22	163435
22.5	163435-05
23	163436
24	163437
25	163438
26	163439
28	163440
30	163441
31	163442

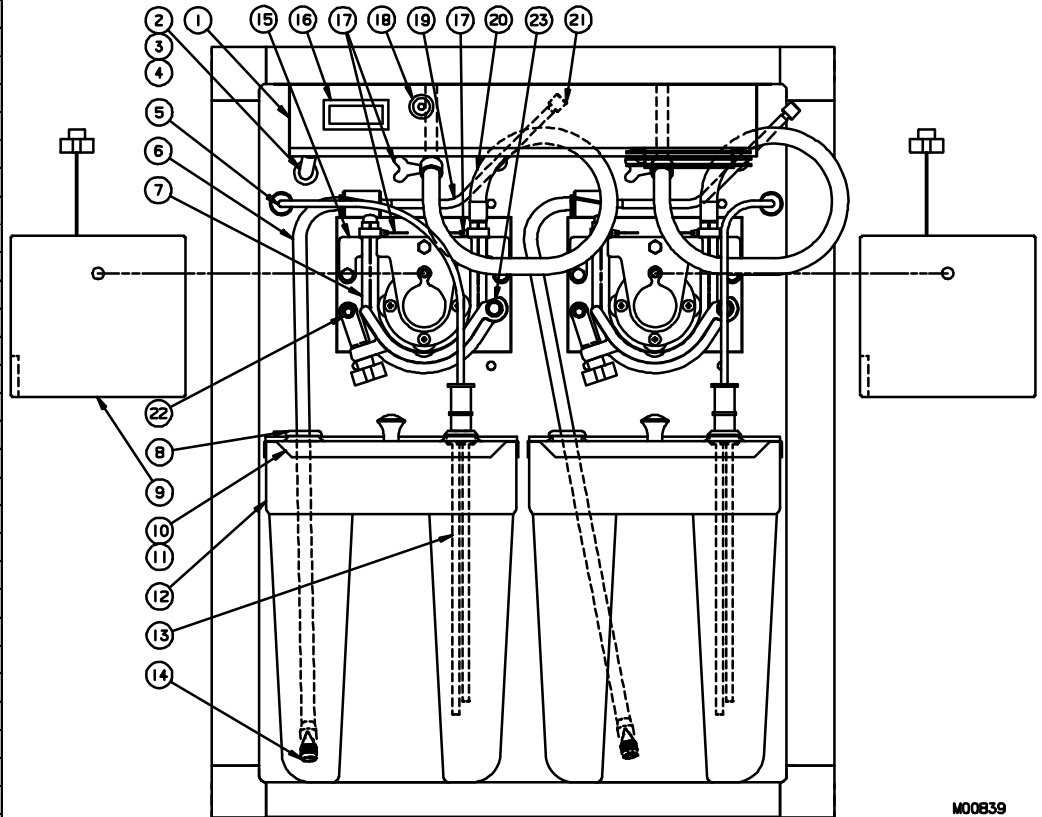


Figure 3 Cabinet Parts

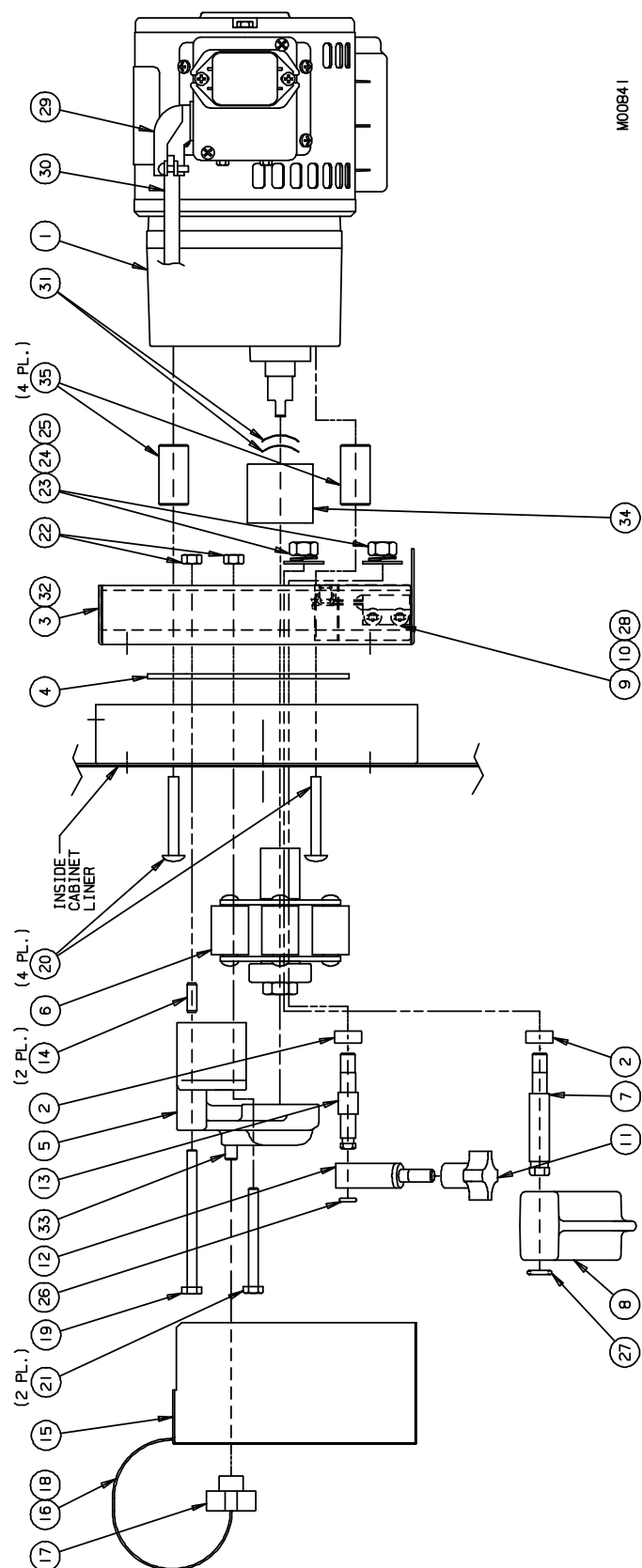
Item	Part No.	Description
1	HC117443-01	Shroud-Assy. Evaporator
	HC150532	Cord-Assy. Male Plug
	HC151105	Fan-Intake (Cabinet)
	HC151076	Guard-Fan Open
	HC150509	Switch-Door Push Button
	HC161004	Thermometer-Barrel
1A	HC155111	Coil-Evaporator
1B	HC150533	Cord-Assy. Female Plug
2	HC160738	Clamp-Hose Drain 1/2 ID Delrin
3	HC196068	Tubing-3/8 ID x 1/2 OD
4	HC139384	Tube-Drain Support
5	HC150537	Cordset-Mix Level Probe
5A	HC150536	Receptacle-Molded Level Sensor
6	HC118842	Tube-Assy. Pickup 2PC
	HC118765	Port-Assy. Inlet Mix/Air
	HC118836	Tube-Assy. Mix Inlet
	HC162324	Clip-Tube Retainer
	HC160502	O-ring
7	HC138836	Hose-Transfer Red Line
8	HC199033	Boot-Mix Tube

Item	Part No.	Description
9	HC119023	Cover-Assy. RMT CAB
10	HC119995	Cover-Assy. Mix Tank Front
11	HC140445	Cover-Rear Mix
12	HC196255	Tank-Mix 5 Gal.
13	HC115397	Probe-Assy. Mix Level
14	HC199032-01	Duckbill-Inlet RM MTS
15	HC118751	MT-Assy CAB Redline (See Figure 4)
16	HC161004	Thermometer-Barrel
17	HC116065	Clamp-Assy. Soft Hose 5/8
18	HC150509	Switch-Door Push Button
19	HC138170-02	Tube-Air 7-1/2 inches
20	HC116094	Hose-Assy. Mix Braided
21		Meter-Air (see chart above or order by meter number)
22	HC160628	O-ring (Swing Clamp)
23	HC160612	O-ring (Roller Shoe)

Not Shown:

HC162006 Plug-Button Flush Type

Figure 4 Mix Transfer System — RMT (sheet 1 of 2)

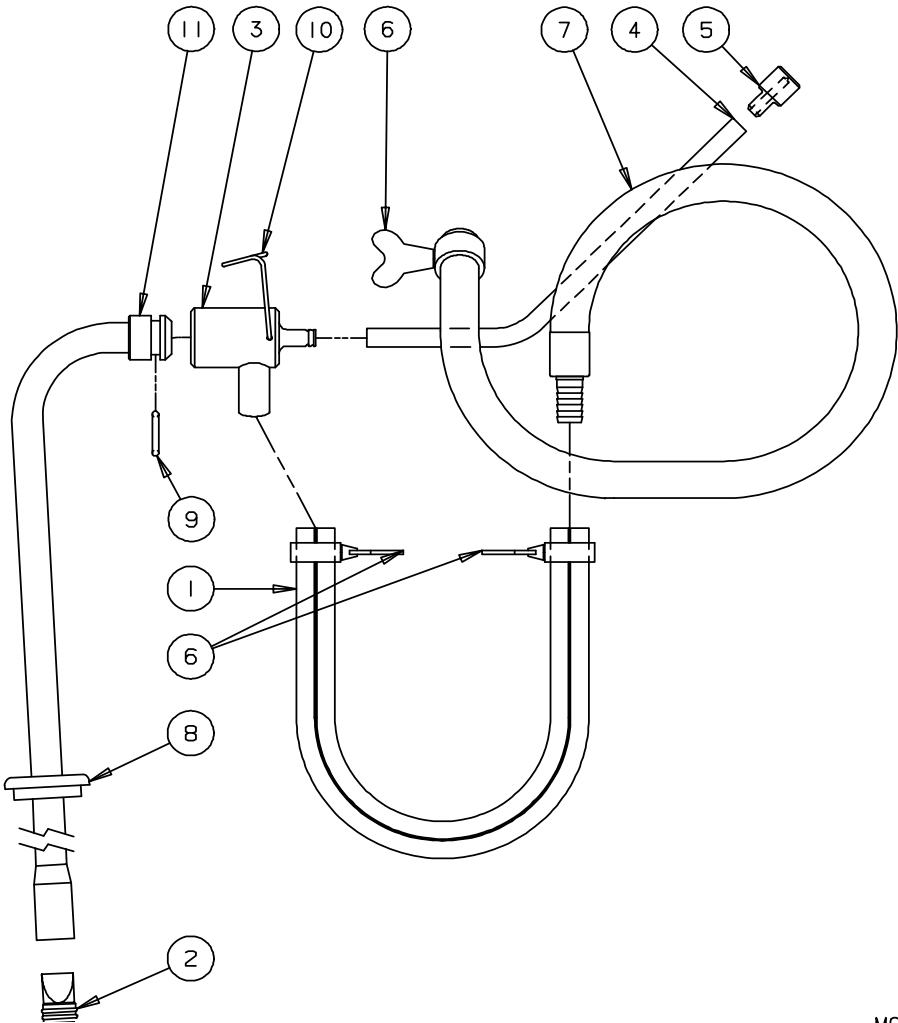


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Figure 4 Mix Transfer System — RMT (sheet 2 of 2)

Item	Part No.	Description	Item	Part No.	Description
*	HC118751	 MT-Assy. CAB Red Line	26	 HC160628	 O-ring (Swing Clamp)
1	 HC119918	 Kit-Gearmotor Replacement Model RMT includes HC150512	27	 HC160612	 O-ring (Roller Shoe)
	 HC150512	 Capacitor-Start w/Bleed	28	 HC159939	 Screw-HXSF 1/4-20 x 11/16 SST
	 HC139046-01	 Gauge Shaft Alignment RMT	29	 HC150705	 Connector-3/8 x 90°
	 HC150893	 Switch-Start Solid State (Relay)	30	 HC118833	 Cord-Assy. Motor
	 HC160173	 Washer-Spring Wave SST	31	 HC160173	 Washer-Spring Wave SST
2	 HC138800	 Spacer-Swing Arm	32	 HC165524	 Block-Insulation RMT
3	 HC118764	 Faceplate-Assy. MTS	33	 HC160386	 Stud-5/16-18 x 3/4 SST
4	 HC139746	 Plate-Backup MTS	34	 HC139756	 Shield-Drip
5	 HC138783-01	 Support-Roller Bearing	35	 HC138793	 Spacer-Motor
6	 HC116009-01	 Kit-Roller (Complete)	Not Shown:		
7	 HC138797	 Arm-Shoe Pivot		 HC165246	 Decal-Warning Pressurized
8	 HC139751	 Shoe-Roller		 HC165048	 Decal-Warning Rotating Parts
9	 HC118763	 Bracket-Assy. Switch Mtg.	* Includes all items above.		
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	 HC119023	 Cover-Assy. RMT CAB includes HC165246			
		 Decal-Warning Pressurized			
		 HC138889	 Knob-Cover RMT		
		 HC138890	 Lanyard-Wire		
		 HC160508	 Sleeve-Cable Stop 3/64		
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-RHMS 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-Flat 3/8 SST			
24	 HC159927	 Nut-HEX 3/8-16 SST			
25	 HC160170	 Washer-Lock 3/8 SST			

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M00840

Figure 5 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	HC138170-02	Tube-Air 7-1/2 in.(Hose)
5		Meter-Air (Order by meter number)
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

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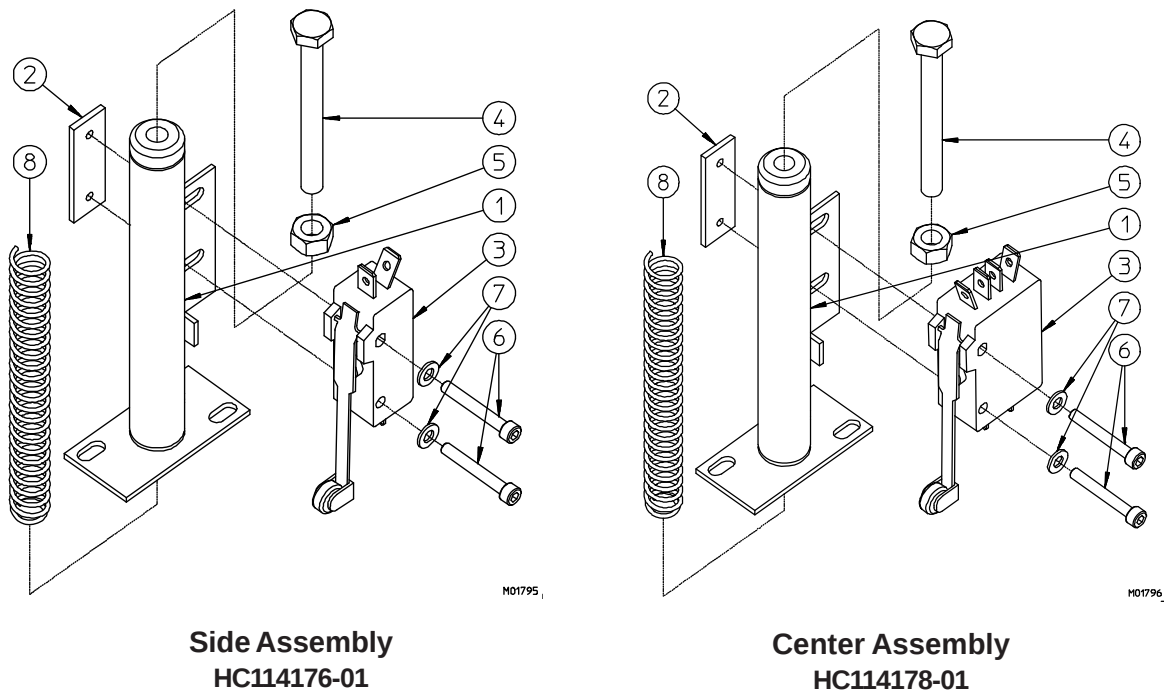
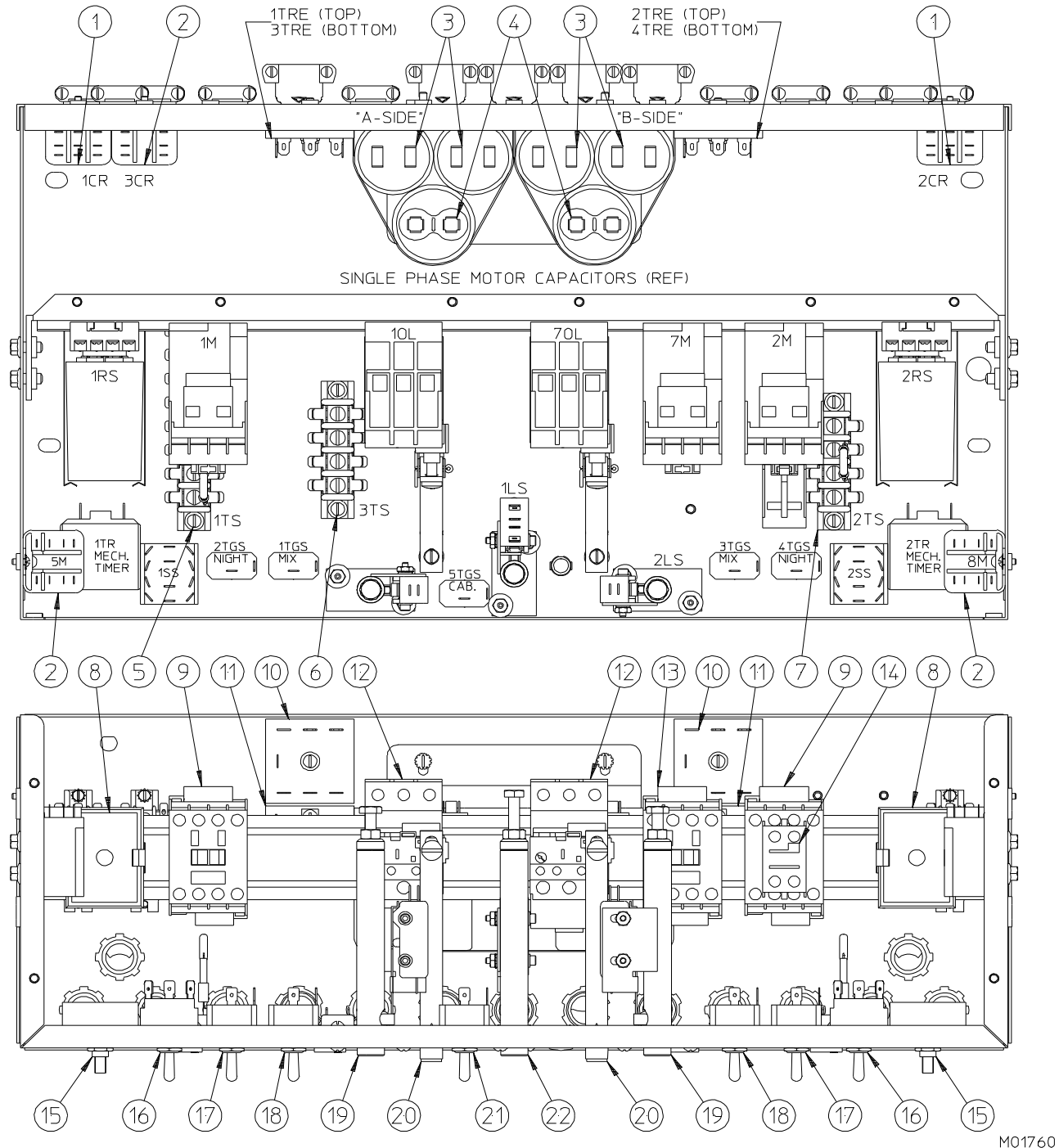


Figure 6 Switch Assemblies

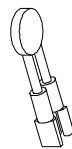
Item	Part No.	Description
1	HC114174	Guide-Assy. Push Rod
2	HC140701	Plate-Switch
3	HC150477	Switch-Roller Actuator SPDT (Sides)
or	HC150478	Switch-Roller Actuator DPDT (Center)
4	HC159965	Screw-HXHM 1/4-20 x 2-1/2 ZN
5	HC160104	Nut-HEX 1/4-20 ZN
6	HC160381	Screw-SKHC #6-32x 1 BKOX
7	HC160393	Washer-Flat #6 Brass
8	HC162323	Spring-Compression MW ZN

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Figure 7 Switch Box (sheet 1 of 2)



Detailed Drawing
of
MOV Assembly



Item #5A and #7A
MOV-Assy.
116188

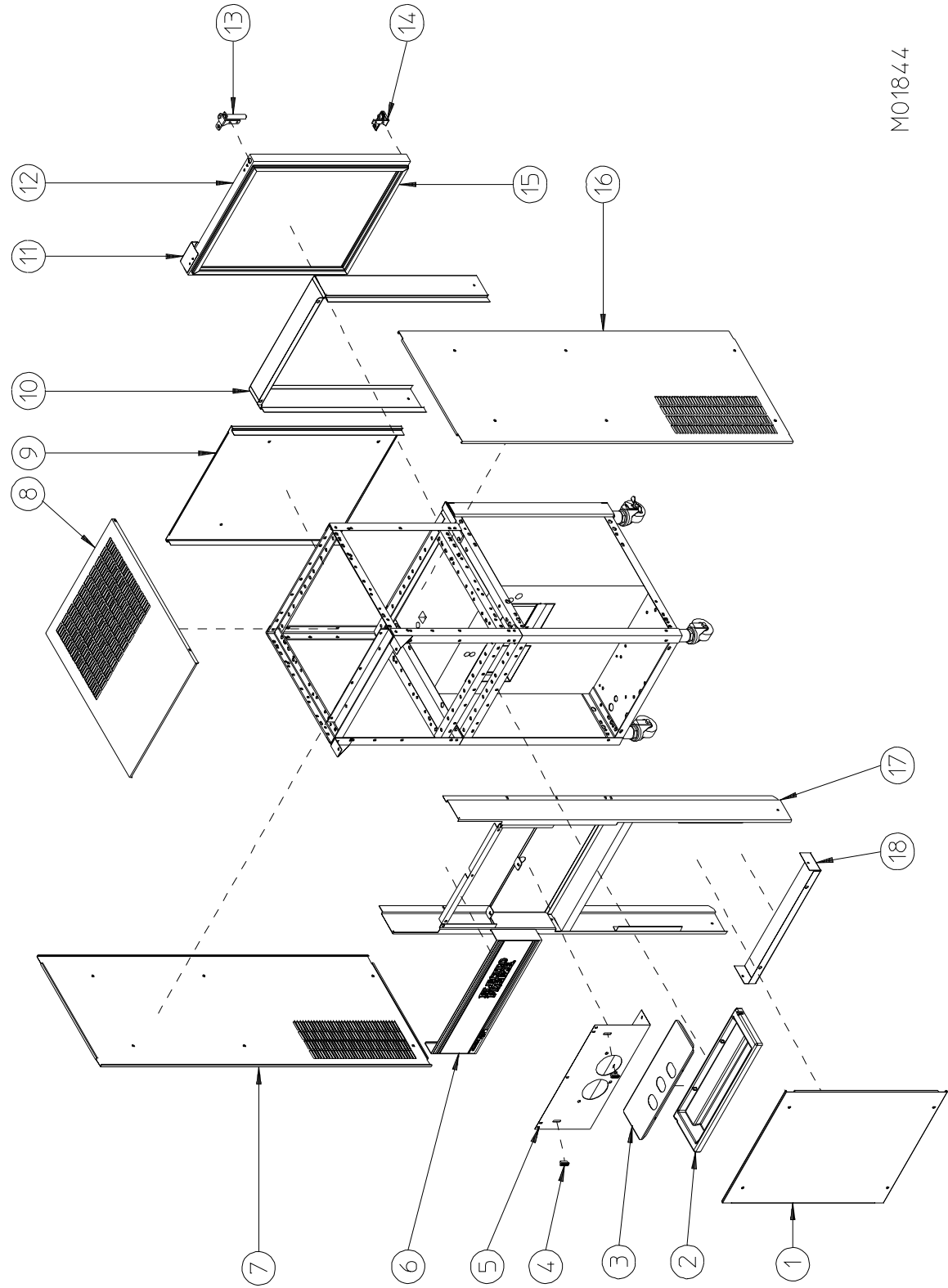
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Figure 7 Switch Box (sheet 2 of 2)

Item	Part No.	Description
1	HC150380	Relay-Flange Base w/Cover 3PDT
2	HC150381	Relay-Flange Base w/Cover
3	HC150294	Capacitor-Start (Beater Motor Dual Rated - 1ph only)
4	HC150244	Capacitor-Run (Beater Motor-1ph only)
5	HC150759	Strip-Terminal
5A	HC116188	Mov-Assy. (See detailed drawing)
6	HC150795	Strip-Terminal
7	HC150795	Strip-Terminal
7A	HC116188	Mov-Assy. (See detailed drawing)
8	HC150202	Indicator-Mix Level
8A	HC150540	Light-Indicator (not shown)
8B	HC150119	Socket-Octal
8C	HC150120	Clip-Retainer (Set of 2)
9	HC150155	Contactor-IEC 23A 208-230v C (Beater Motor)
9A	HC150156	Coil-A/B 208-230v (Replacement coil only) (not shown)
10	HC150208	Timer-12 Sec. Delay on Break (Compressor)
11	HC150252-01 ...	Timer-.5-45 Delay on Break 230v (behind contactor)
12	HC120361	Relay-Assy. Overload T1 7.2-10A includes HC150063 Adaptor-Overload Din Rail HC150064 Adaptor-Reset Threaded T1 HC150061 Relay-Overload T1 7.2-10A
13	HC150155	Contactor-IEC 23A 208-230v C (Compressor & Cabinet)
13A	HC150156	Coil-A/B 208-230v (Replacement coil only)(not shown)
14	HC150146	Deck-Adder 1 NC 1 NO
15	HC150218	Timer-5 Minute
15A	HC162604	Knob-Timer
16	HC150436	Switch-Toggle 4PDT Center OFF (Selector)
17	HC159235	Switch-Toggle SPST (DAY/NIGHT)
18	HC159235	Switch-Toggle SPST (Mix Transfer System)
19	HC114176-01	Switch-Assy. Self Closing Plunger (Sides) includes HC150477 Switch-Roller Actuator SPDT HC162323 Spring-Compression
20	HC120363	Lever-Assy. Reset T1 Long includes HC159036 Button-Reset
21	HC159235	Switch-Toggle SPST (Cabinet)
22	HC114178-01	Switch-Assy. Self Closing Plunger (Center) includes HC150478 Switch-Roller Actuator DPDT HC162323 Spring-Compression

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Figure 8 Panel Assembly (sheet 1 of 2)



M01844

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Figure 8 Panel Assembly (sheet 2 of 2)

Item	Part No.	Description	Panel Decals & Labels	
			Part No.	Description
1	HC140781	Panel-Front Lower	HC164458	6" Air Flow - Sides
2	HC196107	Tray-Drip 24" Black	HC165025	Beater Warning
3	HC117447	Insert-Assy. DripTray includes HC199030	HC164113	Cleaning Instructions
4	HC150540	Light-Indicator 230v (Low Mix)	HC165093	Clear Overlay
5	HC139194	Panel-Dispense	HC165013	CMT Patent
6	HC117442	Trimstrip-Assy. EF Decal 24"	HC165191	Freedom 360°
		HC165147	HC164110	MTS Connect Red Line
		HC165191	HC164114	MTS Trimstrip LH
or	HC117442-01	Trimstrip-Assy. Hometown Buffet Only	HC164115	MTS Trimstrip RH
or	HC117442-04	Trimstrip-Assy.EF Self Serve	HC164004-01	Operating Instructions
7	HC139197	Panel-Side (LH)	HC165126	Panel Removal
8	HC120447	Panel-Assy. Top (Water Cooled)	HC165124	Top Air Discharge
or	HC118000	Panel-Assy. Top (Air Cooled)	HC165147	Trimstrip EF Logo
9	HC140780	Panel-Rear	HC165246	Warning - Pressurized
10	HC120638	Wrap-Assy. Cabinet.	HC165048	Warning - Rotating Parts
11	HC136199	Pull-Door		
12	HC114260-01	Door-Assy. Complete 24" EF includes HC160563-01		
		HC136199		
		HC165414		
12A	HC118597	Actuator-Assy. Door Switch (not shown)		
13	HC162045	Hinge-Pivot 1-3/8" Top LH includes HC162052		
		HC162046		
14	HC162046	Hinge-Pivot 1-3/8" Bottom LH		
15	HC160563-01	Gasket-Magnetic (Cabinet Door)		
16	HC139198	Panel-Side (RH)		
17	HC117441-03	Panel-Assy. Front		

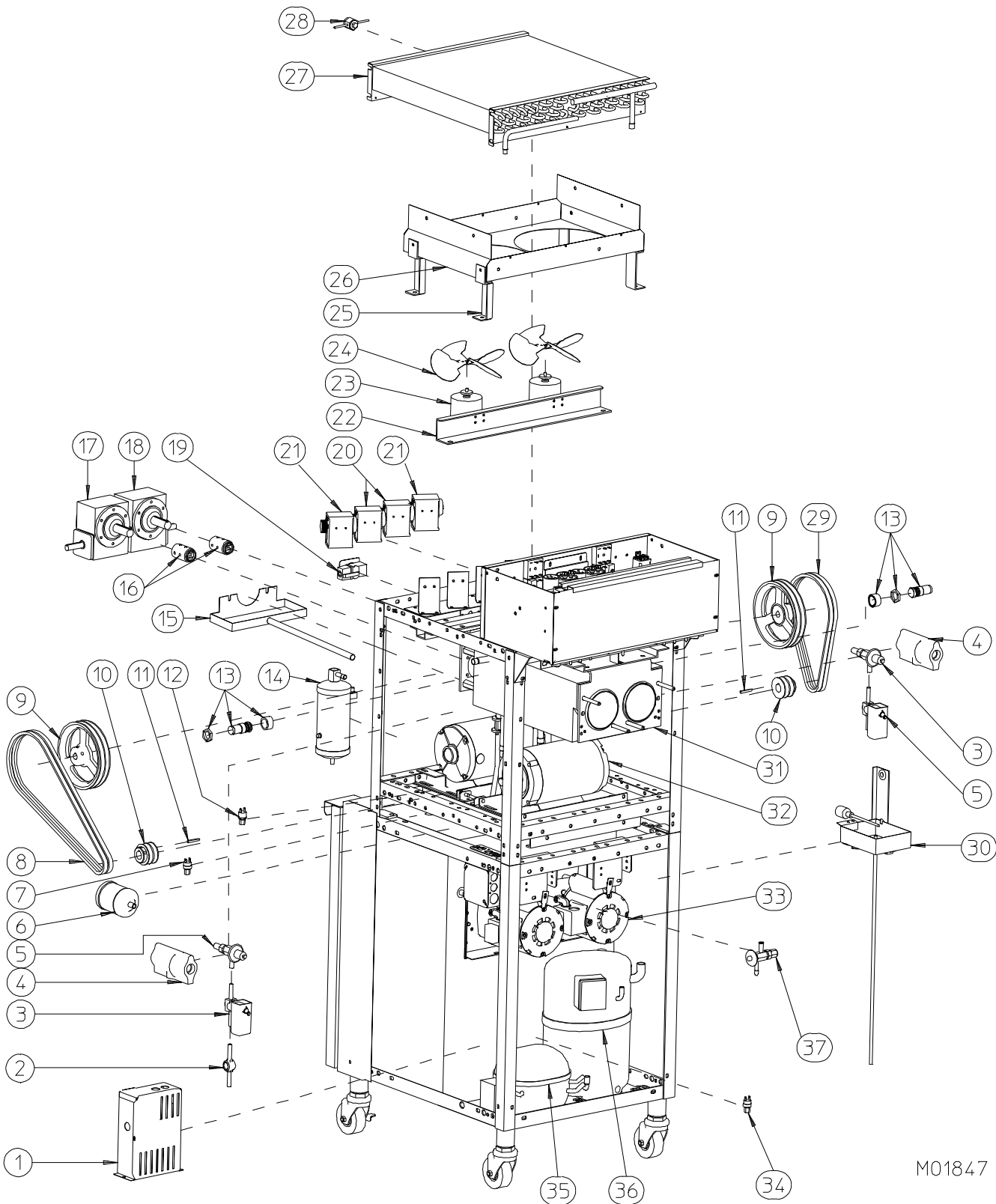
Hardware for Panels			
Panel	Screw	Nut-Speed	Spacer
Dispense	HC160076	HC159132	n/a
Front	HC160076	HC159132	n/a
Rear	HC160048	HC160114	HC138456
Side	HC159219	HC160114	HC138456
Top	HC160305	n/a	n/a
Trimstrip	HC160076	n/a	n/a
n/a – Not Applicable			

Panel Decals & Labels	
Part No.	Description
HC164458	6" Air Flow - Sides
HC165025	Beater Warning
HC164113	Cleaning Instructions
HC165093	Clear Overlay
HC165013	CMT Patent
HC165191	Freedom 360°
HC164110	MTS Connect Red Line
HC164114	MTS Trimstrip LH
HC164115	MTS Trimstrip RH
HC164004-01	Operating Instructions
HC165126	Panel Removal
HC165124	Top Air Discharge
HC165147	Trimstrip EF Logo
HC165246	Warning - Pressurized
HC165048	Warning - Rotating Parts

LH = Left hand side of freezer when facing front.
RH = Right hand side of freezer when facing front.

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Figure 9 Front/Side Assembly View (sheet 1 of 2)



M01847

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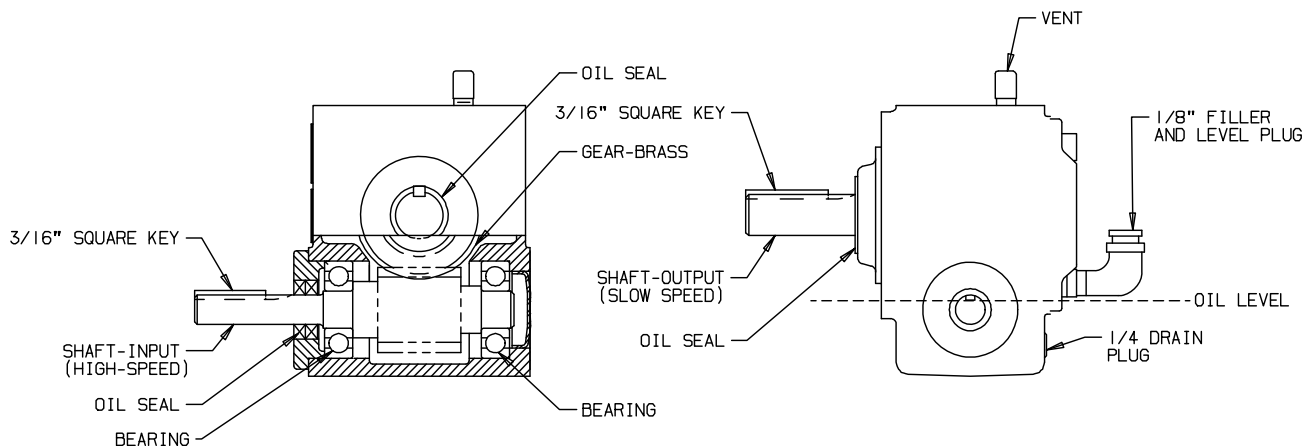
184637-01

Figure 9 Front/Side Assembly View (sheet 1 of 2)

Item	Part No.	Description
1	HC119481	Box-Assy. Compressor Capacitor & Relay (Complete with Box) HC151463 ... Capacitor-Run HC151436 ... Capacitor-Start HC151462 ... Relay-Comp. Start HC150798 ... Strip-Terminal
2	HC155059	Glass-Sight
3	HC155421	Valve-Solenoid 208-240V (Cylinder)
3A	HC155434	Kit-Solenoid Valve
4	HC165531	Insulator-Expansion Valve
5	HC155490	Valve-Expansion Automatic(Cylinder)
6	HC155054	Drier-Filter 16 cu in
7	HC120496	Kit-LPCO 155701 Field
8	HC153167	Belt-LH (order by freezer serial number)
9	HC153602	Sheave-5/8 Bore (Driven)
9A	HC153322	Key-Drive 3/16" sq x 1-1/2"
9B	HC160033	Screw-SK Set 5/16"-18x3/8"
10	HC153611	Sheave-7/8 Bore (Driver)
10A	HC160033	Screw-SK Set 5/16"-18x3/8"
11	HC153322	Key-Drive 3/16" sq x 1-1/2"
12	HC120494	Kit-HPCO 155450 Field (AC)
or	HC120495	Kit-HPCO 155702 Field (WC)
13	HC118712	Kit-Pressure Switch 30 psi
13A	HC116105	Nut-Assy. Pressure Switch
14	HC155071	Receiver-3 lb. 3/8 ID Sweat w/o Valve
15	HC115004	Tube-Assy. Drain 14-1/4
16	HC111780	Coupling-Assy. 7/8 Drive
17	HC153360	Reducer-Gear LH (B Side) 5/1 HCD (See Figure 10)
18	HC153361	Reducer-Gear RH (B Side) 5/1 HCD (See Figure 10)
19	HC118813	Kit-CAB Thermostat
20	HC119989	Kit-Thermostat & Retainer (Night)
21	HC119989	Kit-Thermostat & Retainer (Day)
22	HC139131	Bracket-Fan Motor
23	HC151080-01	Motor-Fan 35w Enclosed
24	HC159018	Blade-Fan 10"32 (Air Cooled)
25	HC139123	Bracket-Condenser Mtg.
26	HC116566	Shroud-Assy. Condenser
27	HC155141	Condenser-Air (Air Cooled)
28	HC155459	Sight-Glass (Cabinet R134a)
29	HC153163	Belt-V (RH)
30	HC116560	Pan-Assy. Condensate
31	HC118837	Cylinder-Assy. Complete
31A	HC116410	Kit-Dispense Head Switch
32	HC151043	Motor-2HP 208-230/415-3-50/60(3 ph)
or	HC119816	Kit-Motor & Cap 2HP (208/230-1-60) (1 ph) includes motor and HC150244 Cap.-Run HC150294 Capacitor-Start (2)
33	HC119918	Kit-Gearmotor Replacement Model RMT (See Figure 4)
34	HC155704	Cut Out-High Pressure (134a) (Cabinet)
35	HC119541	Compressor-Assy. (3 ph) includes Bristol compressor and HC155054 Drier-Filter 16 cu in HC155419 Valve-Access
or	HC119540	Compressor-Assy.(1 ph) includes Bristol compressor and HC151463 Capacitor-Run HC151436 Capacitor-Start HC155054 Drier-Filter HC151462 Relay-Comp. Start HC155419 Valve-Access
36	HC120299	Kit-Compressor NL6.1MF (Cabinet) includes HC150942 Capacitor-Start HC155498 Drier-Filter w/Access HC151473 Relay-Comp. Start
37	HC155399	Valve-Thermostatic Expansion (Cabinet)
Not Shown:		
	HC161216	Sensor-10K Thermistor
	HC155487	Valve-Check 5/8 ODF Sweat
Water Cooled Parts Not Shown:		
	HC155029	Condenser-Water
	HC140672	Bracket-Condenser Mtg. WC
	HC113769	Valve-Assy. Water includes HC155410 Valve-Water 3/8"
	HC155444	Kit-Water Valve Repair
	HC120123	Tube-Assy. Suction Cap Drier
	HC120446	Condenser-Assy CAB Comp includes shroud, hardware & HC155139 Condenser-Air 8x8 HC140662 Bracket-Cond.Mtg. HC151017 Motor-Fan 5 Watt HC140520 Bracket-Fan Mtr HC159032 Blade-6" 20°
AC = Air Cooled WC = Water Cooled		
"A" Side or LH = Left hand side of freezer when facing front. "B" Side or RH = Right hand side of freezer when facing front.		

**Use only original or authorized replacement parts with this freezer.
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Figure 10 Gear Reducer



M00264

Model — HCD920

HC153360 5 - 1 Ratio A Side*

HC153361 5 - 1 Ratio B Side*

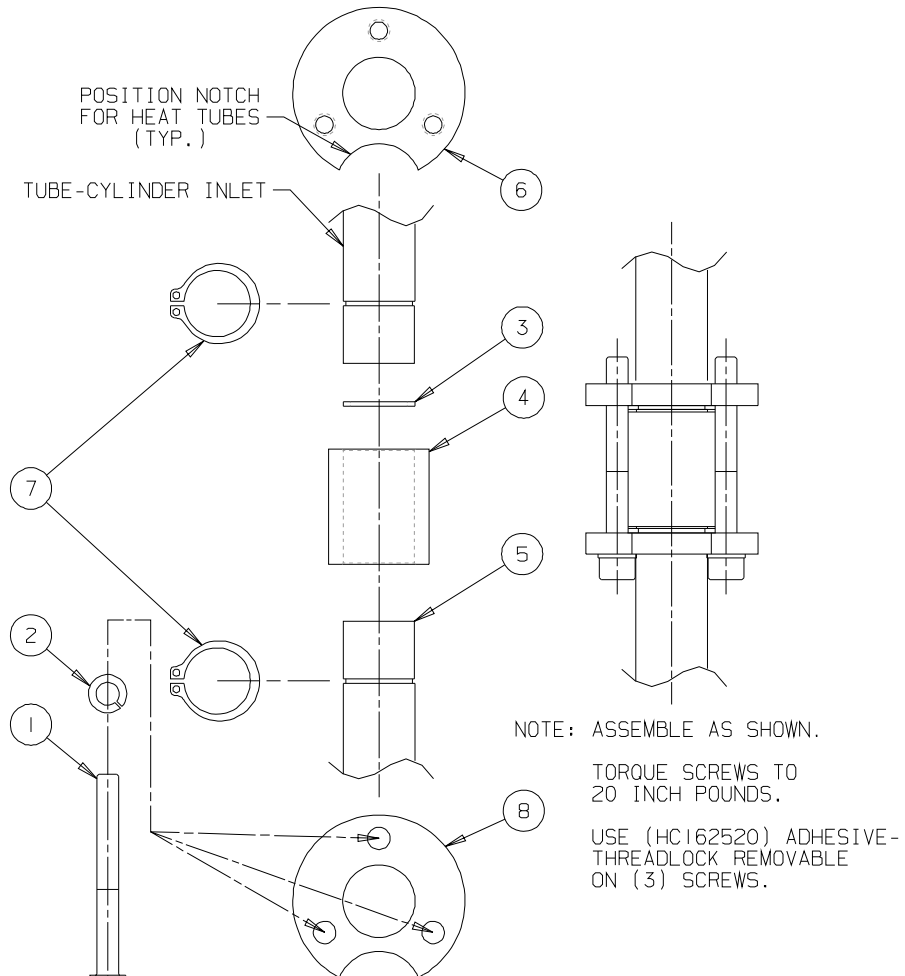
HC116537	 Kit-Reducer Shaft Seal HCD920	 1 ea. req.
HC153072	 Kit-Gasket Gear Reducer 5/1	 1 ea. req.
HC111780	 Coupling-Assy. 7/8" Drive	 1 ea. req.
HC158063	 Oil-Special Gear Lube 460 (PAG) (per quart)	

* A is left side when facing front of freezer.
B is right side when facing front of freezer.

****Note:** To order oil always verify type of oil from the tag located on the gear reducer. Improper oil usage will cause failure and void of warranty.

NOTE: Model HCD920 is not a rebuildable gear reducer.

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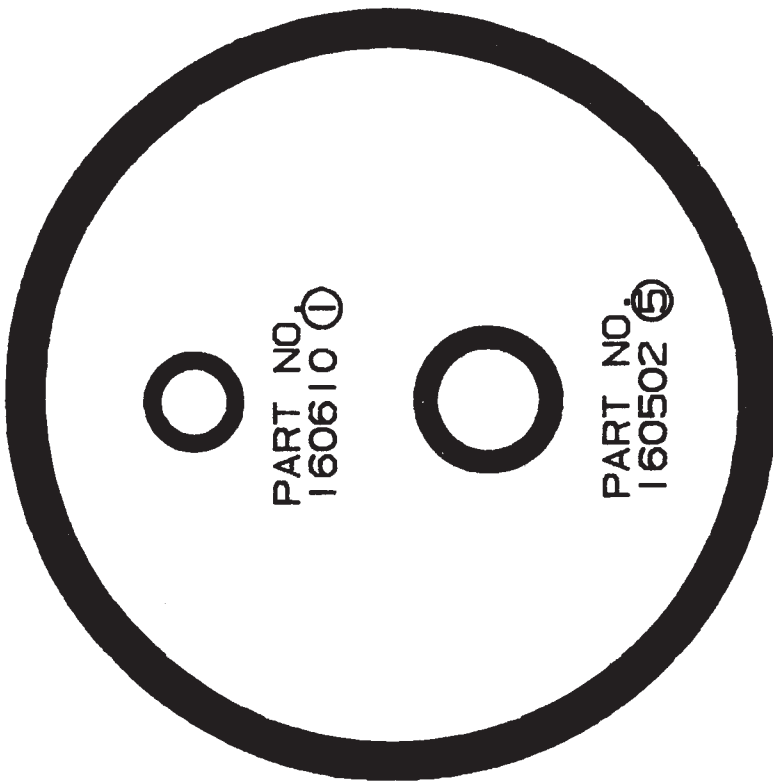
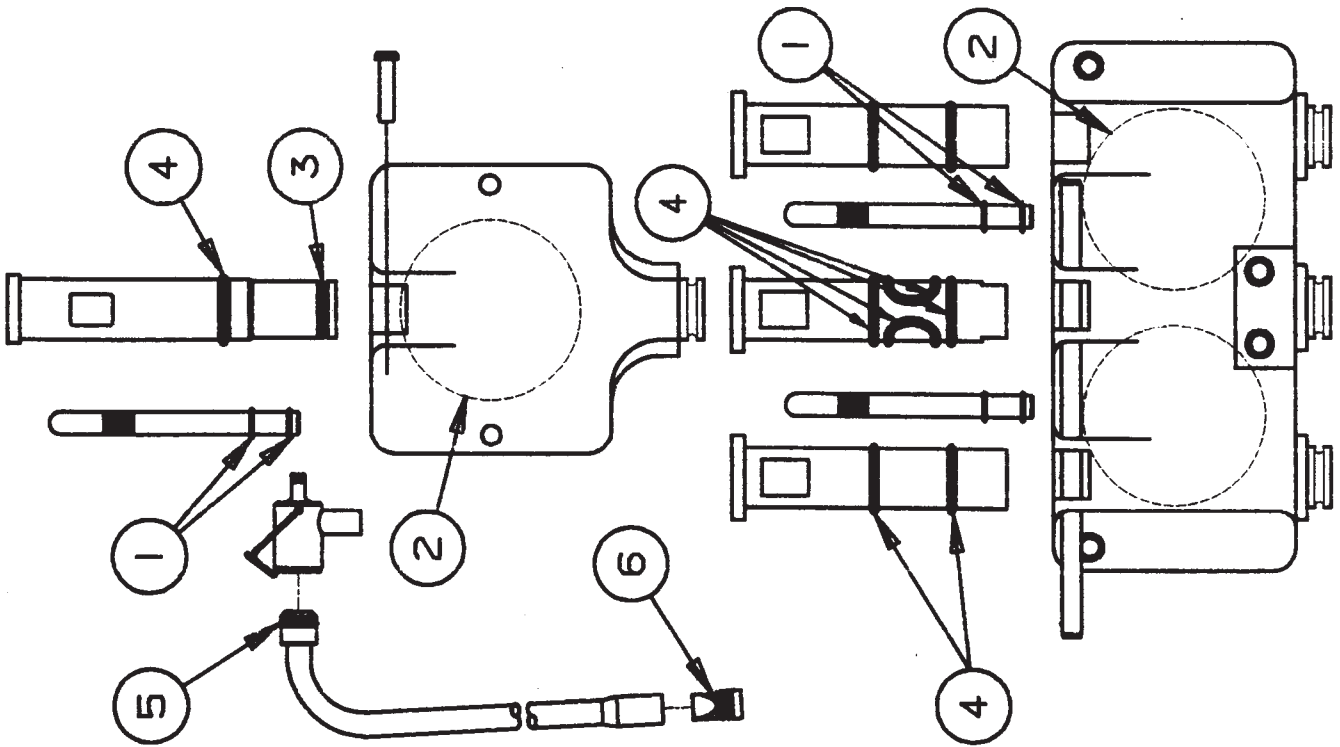
Figure 11 Mix Feed Seal Assembly

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	HC140352	Tube-Mix Feed Clamp
6	HC139352	Clamp-Ring Threaded
7	HC160312	Ring-Retaining 5/8 Ext. SST
8	HC139353	Clamp-Ring

Accessories

Part No.	Description
HC196103	Bottle-Wash 500ML (Plunger and MTS)
HC158004	Brush-4" w/36" Handle (Cylinder)
HC158009	Brush-4" w/o Handle (Cylinder)
HC158037	Brush-1/4 Dia x 18-1/2 Overall Length
HC158022	Brush-1/4 Dia 2LG 6-1/2 Overall Length
HC158018	Brush-7/16" Dia. 12" Overall Length
HC158019	Brush-9/16" Dia. 30" Overall Length
HC158026	Brush-1" Dia. 12" Long
HC162105	Caster-1-1/4" ST PT w/Brake
HC162106	Caster-1-1/4" ST PT w/o Brake
HC184256	Chart-O-ring (Laminated)
HC158051	Cup-Overrun Measuring 1 pint (Use with P/N HC158049 Scale)
HC184881-01.....	DVD-Training RMT SS EF
HC118747	Kit-RMT EF Redline
HC118897	Kit-O-ring
HC112978	Leg-Assy. 6-inch (Set of 4)
HC158000A.....	Lubricant-Petrol Gel (4 oz. Tube)
HC150736	Nut-Lock Conduit 1-1/4" (Casters)
HC158014	Sanitizer-Stera Sheen (Case/4 lb. Jars)
HC158014A.....	Sanitizer-Stera Sheen (4 lb. Jar)
HC158049	Scale-Overrun Z32
HC184871	Sheet-Clean & Sanitize
HC169374	Tool-O-Ring Removal

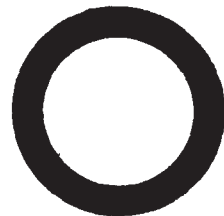
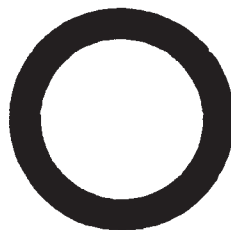
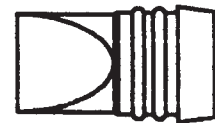
**Use only original or authorized replacement parts with this freezer.
Use of unapproved parts will void warranty.**



PART NO.
160610 ①

PART NO.
160502 ⑤

PART NO.
159309 ②



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.

Use only original or authorized replacement parts with this freezer.
Use of unapproved parts will void warranty.

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18

Cleaning & Sanitizing Electro Freeze® 30T-RMT, 88T-RMT, 99T-RMT & 180T-RMT Freezers

This instruction sheet is not intended to be used in place of the Operator's Manual. Use the following information to assist you only after you have read, understood, and are accomplished in the procedures for cleaning and sanitizing detailed in the Electro Freeze freezer Operator's Manual.

DRAINING PRODUCT

Follow Closing Procedures in Operator's Manual to remove frozen product from the freezer.

1. Turn selector switches to "**CLEAN**", MTS switches to "**ON**", CAB switch to "**OFF**".
2. Empty the remaining mix out of mix containers.
3. Run beaters 5 minutes to soften product. Dispense as much frozen product as possible.
4. Pour 2 gallons of cool water into each mix container, allowing the cylinders to fill with water.
5. Open plungers to drain mix and water. Repeat step 4 until water is clear.
6. Prepare and pour 2 gallons of warm sanitizing solution of 100ppm available chlorine in container.
7. Open air bleed and fill each cylinder with sanitizer. Close air bleed. Place selector switch to clean for 5 minutes.
8. Put all switches in the "**OFF**" position. Drain completely.

DISASSEMBLY



CAUTION: To avoid electrical shock or contact with moving parts, make sure all switches are in the "**OFF**" position and that the main power supply is disconnected. Some freezers have more than one disconnect switch.



CAUTION: PRESSURIZED SYSTEM. Plungers must be open before disassembly.

Disassemble the freezer components in accordance with the Operator's Manual instructions.

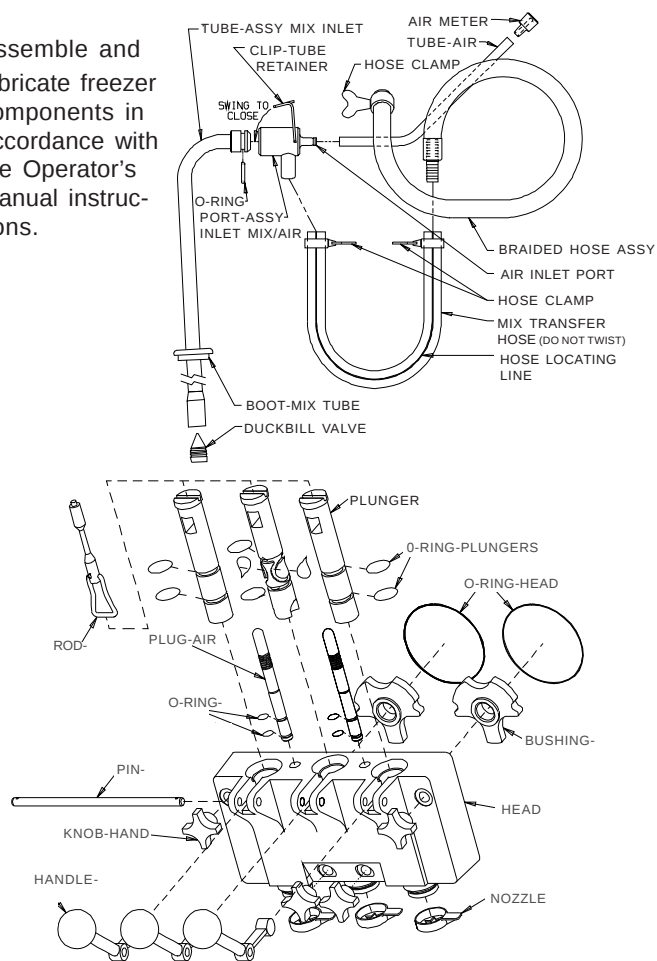
1. Remove dispensing head and beater shafts from freezer. Disassemble MTS and move to cleaning area.

CLEANING

1. Prepare a three-compartment sink for cleaning, rinsing, and sanitizing parts removed from the freezer per applicable health codes. The sanitizer should be mixed according to the manufacturer's instructions to yield 100 parts per million (PPM) available chlorine solution. (example: Stera-Sheen Green Label).
2. Disassemble all parts and remove o-rings. Clean each part with the appropriate brush supplied with freezer.
3. Wash, rinse, sanitize, and air dry all parts removed from the freezer. For proper sanitizing, the parts must remain in the sanitizer for 5 minutes.
4. Go to freezer and use sanitizing solution to thoroughly brush the mix feed tubes from the refrigerated cabinet to the cylinders.
5. Brush the inside of the cylinders with sanitizing solution, making certain to clean the back walls.
6. Brush the inside of the drain tube.

ASSEMBLY

Assemble and lubricate freezer components in accordance with the Operator's Manual instructions.



SANITIZING

1. Wash and sanitize your hands and forearms.
2. Prepare 2 gallons (7.5 liters) of sanitizing solution in each mix container. Sanitizing solution must be mixed according to manufacturer's instructions to yield 100 PPM (parts per million) available chlorine solution.
3. Brush the interior mix container walls, the underside of the container covers, and low mix probes with sanitizer solution.
4. Place the mix containers with sanitizer in the refrigerated cabinet, insert pickup tube and sanitize exterior of the tubes.
5. Place an empty container under the dispensing head.
6. Open the air bleed plugs by pulling up until the plugs touch the bottom of the switch box.
7. Reconnect the main power supply to the freezer. Turn the MTS switches to "**ON**". This will push the sanitizer into the cylinders.
8. When sanitizer flows out the bottom of the dispense head, close the air bleed plugs.

(over)

SANITIZING (continued)

- Turn both selector switches to "**CLEAN**" and allow the beaters to run for 5 minutes. Check for leaks around the head, drain tube, clamps and MTS.
- Drain the solution from the cylinders by slowly pulling down on the dispense handles. **NOTE: Some sanitizer will remain in hoses and cylinders.**
- Leave the handles down, and turn the selector switches to "**OFF**". Let the MTS force all possible sanitizer out of the freezing cylinders.

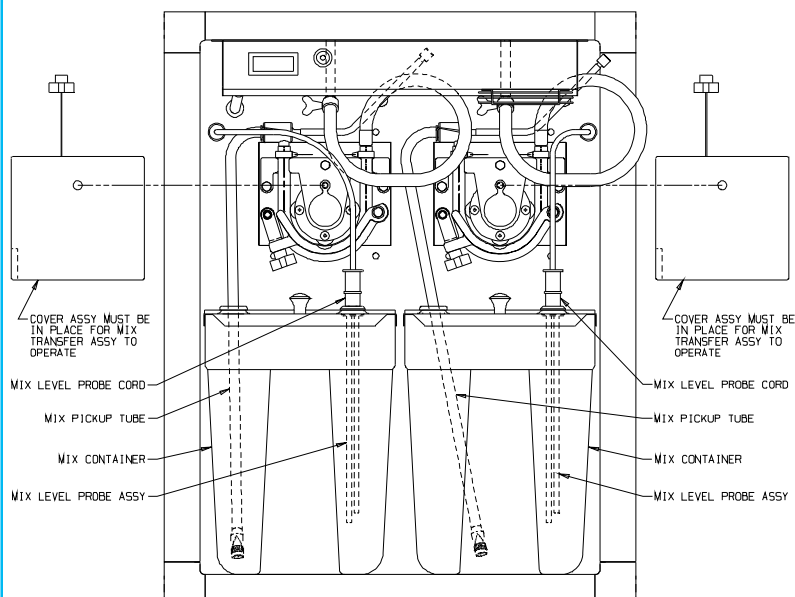
Important:

Failure to completely remove sanitizer or water from the freezing cylinder before placing in "AUTO" will damage the freezer.

- Turn the MTS switches to "**OFF**".
- Remove the mix inlet tubes, holding the top 6-inch portion only.
- Remove the mix containers and empty any remaining sanitizer.

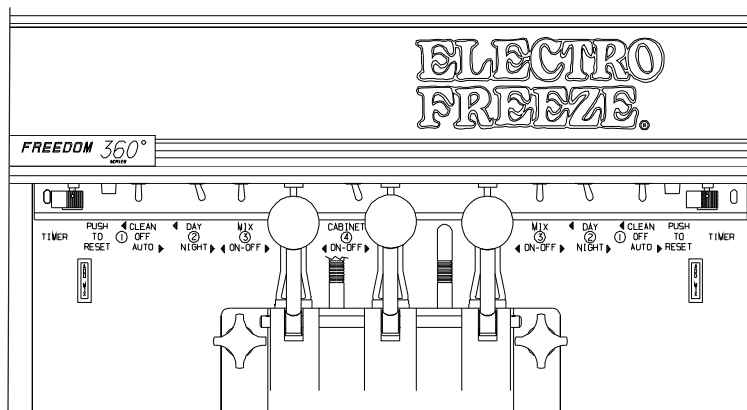
Priming The Freezer

- Make sure that your hands, forearms, and all freezer assemblies are sanitized.
- Holding the top 6-inch portion only, insert the pickup tubes into the sanitized mix container through the small hole in the rear cover and set containers in the cabinet.
- Fill the mix containers with mix and install the front covers.
- Insert the low mix probes through the large hole in the rear cover, and connect the probe cords to the probes and to the back of the cabinet.
- Turn the cabinet switch to "**ON**" and close the cabinet door.



Priming The Freezer (continued)

- Place an empty container under the dispensing head on the drip tray.
- Open the side plungers and air bleed plugs.
- Turn the MTS switches to "**ON**" and allow the mix to push the remaining sanitizer from the cylinders through the plunger openings.



- Close the side plungers when pure mix is coming out.

Important:

Failure to completely remove sanitizer or water from the freezing cylinder before placing in "AUTO" will damage the freezer.

- After mix appears at the bottom of the head (approximately **50-55** seconds), close the air bleed plugs and wait for the MTS to fill the cylinders and shut off.

OPERATING INSTRUCTIONS			
DAY		NIGHT	
①	AUTO	①	AUTO
②	DAY	②	NIGHT
③	ON	③	OFF
④	ON	④	ON

- After the MTS has cycled off (approximately 30 seconds) turn both selector switches to "**AUTO**", both DAY/NIGHT switches to "**DAY**", and both MTS switches to "**ON**".
- Allow the freezer to cycle for 15 minutes. Sanitize the nozzles and install on the head. The product is now ready to serve.

Problem? Contact your local authorized distributor or the freezer manufacturer, Electro Freeze Service Department, 2116 Eighth Avenue, East Moline, IL 61244, (309) 755-4553 or FAX (309) 755-9858

Alphabetized Parts List for Model 180T-RMT

Important: All parts shown are for standard models designed for 230V/1PH/60HZ or 203-230V/3PH/60HZ.

PART DESCRIPTION	PART NUMBER	QTY	SERIAL NUMBER (FROM - TO)
Actuator-Assy. Door Switch	HC118597	1	A2O-119 —
Adaptor-Overload DIN Rail (Overload Relay)	HC150063	2	A2O-119 —
Adaptor-Reset Threaded T1 (Overload Relay)	HC150064	2	A2O-119 —
Arm-Shoe Pivot (MTS)	HC138797	2	A2O-119 —
Arm-Swing Clamp	HC138799	2	A2O-119 —
Belt-V (LH)	HC153167	2	A2O-119 —
Belt-V (RH)	HC153163	2	A2O-119 —
Blade-6" 20° (WC)(Cabinet Condenser)	HC159032	1	A2O-119 —
Blade-Fan-10-" Dia.-32° AC	HC159018	2	A2O-119 —
Blade-Scraper Front (Short)	HC138086	2	A2O-119 —
Blade-Scraper Rear (Long)	HC138839	2	A2O-119 —
Block-Insulation (MTS)	HC165524	4	A2O-119 —
Bottle-Wash 500ML (Plunger and MTS)	HC196103	1	A2O-119 —
Boot-Mix Tube (Seal)	HC199033	2	A2O-119 —
Bracket-Assy. Switch Mtg. (MTS-RMT)	HC118763	2	A2O-119 —
Bracket-Condenser Mtg. (AC)	HC139123	4	A2O-119 —
Bracket-Condenser Mtg. (WC)	HC140672	1	A2O-119 —
Bracket-Condenser Mtg. (WC)(CAB Condensor) ...	HC140662	3	A2O-119 —
Bracket-Fan Motor (AC)	HC139131	1	A2O-119 —
Bracket-Fan Motor (WC)	HC140520	2	A2O-119 —
Brush-1/4" Dia. x 18-1/2" Overall Length	HC158037	1	A2O-119 —
Brush-1/4" Dia. 2LG 6-1/2 Overall Length	HC158022	1	A2O-119 —
Brush-1" Dia. 12" Long	HC158026	1	A2O-119 —
Brush-4" Cylinder w/o Handle	HC158009	1	A2O-119 —
Brush-7/16" Dia. 12" Overall Length	HC158018	1	A2O-119 —
Brush-9/16" Dia. 30" Overall Length	HC158019	1	A2O-119 —
Brush-9/16" w/36" Handle	HC158077	1	A2O-119 —
* As Required ** Items Included In O-Ring Kit No. HC118897 *** LH or RH — Left or right hand is determined as you face the front of the freezer. WC = Water Cooled AC = Air Cooled NLA = No Longer Required			

**Use only original or authorized replacement parts with this freezer.
Use of unapproved parts will void warranty.**

Alphabetized Parts List for Model 180T-RMT

Important: All parts shown are for standard models designed for 230V/1PH/60HZ or 203-230V/3PH/60HZ.

PART DESCRIPTION	PART NUMBER	QTY	SERIAL NUMBER (FROM – TO)
Bumper-Rubber (Insert-Drip Tray)	HC199030	4	A20-119 —
Bushing-Dispense Head	HC138427	2	A20-119 —
Bushing (Beater Shaft Seal Washer)	HC133098	2	A20-119 —
Button-Reset (Reset Lever)	HC159036	2	A20-119 —
Cap-Access Valve (Bristol Compressor)	HC155574	1	A20-119 —
Capacitor-Motor Start (1 Phase-Beater Motor)	HC150294	2	A20-119 —
Capacitor-Run (1 Phase-Beater Motor)	HC150244	1	A20-119 —
Capacitor-Run (1 Phase-Bristol Compressor)	HC151463	1	A20-119 —
Capacitor-Start (Cabinet Compressor)	HC150942	1	A20-119 —
Capacitor-Start (1 Phase-Bristol Compressor)	HC151436	1	A20-119 —
Capacitor-Start w/Bleed (Gearmotor)	HC150512	1	A20-119 —
Caster-1-1/4" ST PT with Brake	HC162105	2	A20-119 —
Caster-1-1/4" ST PT without Brake	HC162106	2	A20-119 —
Centrifugal Switch (For Motor HC119816)	HC150877	1	A20-119 —
Chart-O-ring (Laminated)	HC184256	1	A20-119 —
Clamp-Assy. Soft Hose 5/8 (MTS Hose Assy.)	HC116065	6	A20-119 —
Clamp-Hose Drain 1/2 ID Delrin	HC160738	1	A20-119 —
Clamp-Ring (Mix Feed Seal Assy.)	HC139353	1	A20-119 —
Clamp-Ring Threaded (Mix Feed Seal Assy.)	HC139352	1	A20-119 —
Clamp-Shoe Swing (MTS)	HC138798	2	A20-119 —
Clip-Retainer (Switch Box)	HC150120	4	A20-119 —
Clip-Tube Retainer	HC162324	1	A20-119 —
Coil-Evaporator (Cabinet Refrigeration)	HC155111	1	A20-119 —
Coil-A/B 208-230v (Replacement coil for Contacter Compressor & Cabinet)	HC150156	1	A20-119 —
Coil-A/B 208-230v (Replacement coil for Contacter-Beater Motor)	HC150156	1	A20-119 —
Collar-Alignment (Mix Feed Seal Assy.)	HC139351	1	A20-119 —
* As Required ** Items Included In O-Ring Kit No. HC118897 *** LH or RH — Left or right hand is determined as you face the front of the freezer. WC = Water Cooled AC = Air Cooled NLA = No Longer Required			

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Use of unapproved parts will void warranty.**

Alphabetized Parts List for Model 180T-RMT

Important: All parts shown are for standard models designed for 230V/1PH/60HZ or 203-230V/3PH/60HZ.

PART DESCRIPTION	PART NUMBER	QTY	SERIAL NUMBER (FROM - TO)
Compressor-Assy. (Bristol L63A113DBLA) (3 Phase) includes compressor and	HC119541	1	A20-119 —
Drier-Filter 16 cu. in.	HC155054	1	A20-119 —
Valve-Access	HC155419	1	A20-119 —
Cap-Access Valve	HC155574	1	A20-119 —
Compressor-Assy. (Bristol L63A113BBCA) (1 Phase) includes compressor and	HC119548	1	A20-119 —
Capacitor-Run	HC151463	1	A20-119 —
Capacitor-Start	HC151436	1	A20-119 —
Relayompressor Start	HC141462	1	A20-119 —
Drier-Filter 16 cu. in.	HC155054	1	A20-119 —
Valve-Access	HC155419	1	A20-119 —
Cap-Access Valve	HC155574	1	A20-119 —
Compressor-Kit (Cabinet Compressor) includes compressor and	HC120299	1	A20-119 —
Capacitor-Start	HC150942	1	A20-119 —
Drier-Filter w/Access	HC155498	1	A20-119 —
Relay-Compressor Start	HC151473	1	A20-119 —
Condenser-Air	HC155141	1	A20-119 —
Condenser-Air 8" x 8" (WC) (Cabinet Condenser) .	HC155139	1	A20-119 —
Condenser-Water	HC155029	1	A20-119 —
Connector-3/8 x 90° (MTS-RMT)	HC150705	2	A20-119 —
Contacto-IEC 23A 208-230v C (Compressor & Cabinet)	HC150155	1	A20-119 —
Contacto-IEC 23A 208-230v C (Beater Motor)	HC150155	2	A20-119 —
Cord-Assy. Female Plug (Cabinet Parts)	HC150533	1	A20-119 —
Cord-Assy. Male Plug (Cabinet Parts)	HC150532	1	A20-119 —
Cord-Assy. Motor (MTS)	HC118833	2	A20-119 —
Cordset-Mix Level Probe (Retractable)	HC150537	2	A20-119 —
Coupling-Assy. 7/8" Drive (Beater Shaft)	HC111780	2	A20-119 —
Cover-Assy. Electric Box	HC117355	1	A20-119 —
* As Required ** Items Included In O-Ring Kit No. HC118897 *** LH or RH — Left or right hand is determined as you face the front of the freezer. WC = Water Cooled AC = Air Cooled NLA = No Longer Required			

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Alphabetized Parts List for Model 180T-RMT

Important: All parts shown are for standard models designed for 230V/1PH/60HZ or 203–230V/3PH/60HZ.

PART DESCRIPTION	PART NUMBER	QTY	SERIAL NUMBER (FROM – TO)
Cover-Assy. Mix Tank Front (5 Gal. Tank)	HC119995	2	A2O-119 —
Cover-Assy. RMT CAB	HC119023	2	A2O-119 —
Cover-Rear Mix (5 Gal. Tank)	HC140445	2	A2O-119 —
Cup-Overrun Measuring 1 Pint (use with P/N HC158049 scale)	HC158051	*	A2O-119 —
Cup (Beater Shaft Seal)	HC160557	2	A2O-119 —
Cut Out-High Pressure (134a) (Cabinet)	HC155704	1	A2O-119 —
Cut Out-High Pressure Kit 155450 (404a)(AC)	HC120494	1	A2O-119 —
Cut Out-High Pressure Kit 155702 (404a)(WC) ...	HC120495	1	A2O-119 —
Cut Out-Low Pressure Kit 155701 (404a)	HC120496	1	A2O-119 —
Cylinder-Assy. Complete	HC118837	1	A2O-119 —
Decal-6" Air Flow Sides	HC164458	1	A2O-119 —
Decal-Beater Warning	HC165025	1	A2O-119 —
Decal-Cleaning Instructions	HC164113	1	A2O-119 —
Decal-Clear Overlay	HC165093	1	A2O-119 —
Decal-CMT Patent	HC165013	1	A2O-119 —
Decal-Freedom 360°	HC165191	1	A2O-119 —
Decal-MTS Connect Red Line	HC164110	1	A2O-119 —
Decal-MTS Trimstrip LH	HC164114	1	A2O-119 —
Decal-MTS Trimstrip RH	HC164115	1	A2O-119 —
Decal-Operating Instructions	HC164004-01	1	A2O-119 —
Decal-Panel Removal	HC165126	3	A2O-119 —
Decal-Top Air Discharge	HC165124	2	A2O-119 —
Decal-Trimstrip EF Logo	HC165147	1	A2O-119 —
Decal-Warning Pressurized	HC165246	2	A2O-119 —
Decal-Warning Rotating Parts	HC165048	2	A2O-119 —
Deck-Adder 1NC 1NO	HC150146	1	A2O-119 —
Door-Assy. Complete 24" EF	HC114260-01	1	A2O-119 —
* As Required ** Items Included In O-Ring Kit No. HC118897 *** LH or RH — Left or right hand is determined as you face the front of the freezer. WC = Water Cooled AC = Air Cooled NLA = No Longer Required			

Use only original or authorized replacement parts with this freezer.
Use of unapproved parts will void warranty.

Alphabetized Parts List for Model 180T-RMT

Important: All parts shown are for standard models designed for 230V/1PH/60HZ or 203–230V/3PH/60HZ.

PART DESCRIPTION	PART NUMBER	QTY	SERIAL NUMBER (FROM – TO)
Drier-Filter 16 cu. in.	HC155054	1	A2O-119 —
Drier-Filter w/Access (Cabinet Compressor)	HC155498	1	A2O-119 —
Duckbill-Inlet RM MTS (Valve)	HC199032-01 .. 2**	A2O-119 —	
DVD-Training RMT SS EF	HC184881-01	1	A2O-119 —
Faceplate-Assy. MTS	HC118764	2	A2O-119 —
Fan-Intake 230v (Evaporator Motor)	HC151105	1	A2O-119 —
Gasket-Kit Gear Reducer 5/1	HC153072	2	A2O-119 —
Gasket-Magnetic (V-Groove Door)	HC160563-01	1	A2O-119 —
Gasket-Mix Joint (Mix Feed Seal Assy.)	HC160556	1	A2O-119 —
Gauge-Assy. Pressure Test	HC116312	1	A2O-119 —
Gauge-Shaft Alignment	HC139046-01	1	A2O-119 —
Gearmotor-Replacement Kit (MTS)	HC119918	2	A2O-119 —
Glass-Sight	HC155059	1	A2O-119 —
Grommet-Rubber 5/8 I.D.	HC199016	1	A2O-119 —
Guard-Fan Open	HC151076	1	A2O-119 —
Guide-Assy. Push Rod (Plunger Switches)	HC114174	3	A2O-119 —
Handle-Assy. Dispense Center	HC114808	1	A2O-119 —
Knob-Ball 3/8-16 THD Black	HC162629	1	A2O-119 —
Handle-Assy. Dispense Side	HC110007	2	A2O-119 —
Knob-Ball 3/8-16 THD Black	HC162629	2	A2O-119 —
Handle (Cabinet Door)	HC136199	1	A2O-119 —
Handle-Brush 36" Fiberglass	HC158012	1	A2O-119 —
Head-Assy. Dispense (Complete)	HC116042	1	A2O-119 —
Handle-Assy. Dispense Side	HC110007	2	A2O-119 —
Handle-Assy. Center Dispense	HC114808	1	A2O-119 —
Head (Only)	HC116041	1	A2O-119 —
Nozzle-Serrated	HC196185	3	A2O-119 —
Pin-Handle	HC160269	1	A2O-119 —
* As Required ** Items Included In O-Ring Kit No. HC118897 *** LH or RH — Left or right hand is determined as you face the front of the freezer. WC = Water Cooled AC = Air Cooled NLA = No Longer Required			

Use only original or authorized replacement parts with this freezer.
Use of unapproved parts will void warranty.

Alphabetized Parts List for Model 180T-RMT

Important: All parts shown are for standard models designed for 230V/1PH/60HZ or 203-230V/3PH/60HZ.

PART DESCRIPTION	PART NUMBER	QTY	SERIAL NUMBER (FROM - TO)
<i>Head-Assy.Dispense (Complete) continued</i>			
Plug-Air Bleed (Relief)	HC138149	2	A2O-119 —
Plunger-Center Dispense	HC138009	1	A2O-119 —
Plunger-Side Self Dispense	HC137174	2	A2O-119 —
O-ring (Head)	HC159309	2	A2O-119 —
O-ring (Plug)	HC160610	4	A2O-119 —
O-ring (Plunger)	HC160501	7	A2O-119 —
Hinge-Pivot 1-3/8" Bottom LH	HC162046	1	A2O-119 —
Hinge-Pivot 1-3/8" Top LH	HC162045	1	A2O-119 —
Hose-Assy. Mix Braided (MTS)	HC116094	2	A2O-119 —
Hose-Clamp, 3-9/16-4-1/2, Screw	HC160739	2	A2O-119 —
Hose-Transfer Red Line (MTS)	HC138836	2	A2O-119 —
Indicators-Mix Level (Switch Box)	HC150202	2	A2O-119 —
Insert-Assy. Drip Tray	HC117447	1	A2O-119 —
Bumper-Rubber	HC199030	4	A2O-119 —
Insulator-Expansion Valve	HC165531	3	A2O-119 —
Key-Drive 3/16" Sq. x 1-1/2"	HC153322	2	A2O-119 —
Kit-Compressor NL6.1MF (Cabinet Compressor)			
includes compressor and	HC120299	1	A2O-119 —
Capacitor-Start	HC150942	1	A2O-119 —
Drier-Filter w/Access	HC155498	1	A2O-119 —
Relay-Compressor Start	HC151473	1	A2O-119 —
Kit-Cover Switch RMT	HC118894	8	A2O-119 —
Kit-Dispense Head Switch	HC116410	1	A2O-119 —
Kit-Gasket Gear Reducer 5/1	HC153072	2	A2O-119 —
Kit-Gearmotor Replacement Model RMT	HC119918	2	A2O-119 —
Kit-O-ring	HC118897	*	A2O-119 —
Kit-Pressure Switch Field Repl. (30 psi)	HC118712	*	A2O-119 —
Kit-Reducer Shaft Seal HCD920	HC116537	2	A2O-119 —
* As Required ** Items Included In O-Ring Kit No. HC118897 *** LH or RH — Left or right hand is determined as you face the front of the freezer. WC = Water Cooled AC = Air Cooled NLA = No Longer Required			

Use only original or authorized replacement parts with this freezer.
Use of unapproved parts will void warranty.

Alphabetized Parts List for Model 180T-RMT

Important: All parts shown are for standard models designed for 230V/1PH/60HZ or 203-230V/3PH/60HZ.

PART DESCRIPTION	PART NUMBER	QTY	SERIAL NUMBER (FROM - TO)
Kit-Solenoid Valve	HC155434	*	A2O-119 —
Kit-RMT EF Redline	HC118747	2	A2O-119 —
Kit-Roller (MTS)	HC116009-01	*	A2O-119 —
Kit-Thermostat CAB (Cabinet)	HC118813	1	A2O-119 —
Kit-Thermostat & Retainer (Day and Night)	HC119989	4	A2O-119 —
Kit-Water Valve Repair	HC155444	*	A2O-119 —
Knob-Ball 3/8-16 Thd. Black (Handle)	HC162629	3	A2O-119 —
Knob-Cover RMT (w/o Wire)	HC138889	2	A2O-119 —
Knob-Hand (Dispense Head)	HC162625	4	A2O-119 —
Knob-Hand (RMT Cover)	HC162622	2	A2O-119 —
Knob-Timer (Switch Box)	HC162604	2	A2O-119 —
Lanyard -Wire (w/o Sleeve)(RMT Cover)	HC138890	2	A2O-119 —
Leg-Assy. 6"	HC112978	*	A2O-119 —
Lever Assy.-Reset T1 Long	HC120363	2	A2O-119 —
Light-Indicator "ADD MIX"	HC150540	2	A2O-119 —
Lubricant-Petrol-Gel 4 oz. Tube	HC158000A	*	A2O-119 —
M.O.V.-Assy.	HC116188	2	A2O-119 —
Meter-Air	<i>Order by Meter Number</i>		
Mix Container	<i>See "Tank-Mix"</i>		
Motor-Kit Motor & Capacitor 2 HP			
(208/230-1-60) (1 Phase-Beater Motor)			
(Franklin Ele. #HC1201007109-motor)	HC119816	1	A2O-119 —
Capacitor-Motor Start.....	HC150294	2	A2O-119 —
Capacitor-Run	HC150244	1	A2O-119 —
Motor-2HP 208-230/415-3-50/60			
(3 Phase-Beater Motor)	HC151043	2	A2O-119 —
Motor-Fan 35w Enclosed (AC)	HC151080-01	2	A2O-119 —
* As Required ** Items Included In O-Ring Kit No. HC118897 *** LH or RH — Left or right hand is determined as you face the front of the freezer. WC = Water Cooled AC = Air Cooled NLA = No Longer Required			

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Alphabetized Parts List for Model 180T-RMT

Important: All parts shown are for standard models designed for 230V/1PH/60HZ or 203-230V/3PH/60HZ.

PART DESCRIPTION	PART NUMBER	QTY	SERIAL NUMBER (FROM - TO)
Motor-Fan 5 Watt 120v (WC Cabinet Air Condenser)	HC151017	2	A20-119 —
Motor-Kit Gearmotor 1/8 HP (MTS-RMT)	HC119918	2	A20-119 —
MTS-Assy. (Complete)	HC118751	2	A20-119 —
Nameplate-Electro Freeze Large	HC165414	1	A20-119 —
Nozzle-Serrated	HC196185	3**	A20-119 —
Nut-Assy. Pressure Switch	HC116105	*	A20-119 —
Nut-Hex 1/4-20 ZN (Switch Assy.)	HC160104	3	A20-119 —
Nut-Hex 3/8-16 sst (MTS)	HC155927	4	A20-119 —
Nut-HXSf 1/4-40 SST (MTS)	HC159933	6	A20-119 —
Nut-Lock Conduit 1-1/4" (Casters)	HC150736	4	A20-119 —
Nut-Speed #10-24 .025-.064 (Dispense and Front Panels)	HC159132	8	A20-119 —
Nut-Speed #10-24 .100-.125 (Frame)	HC159067	8	A20-119 —
Nut-Speed 1/4-20 (Rear and Side Panels)	HC160114	18	A20-119 —
O-Ring (Beater Shaft Seal)	HC160500	2**	A20-119 —
O-Ring (Head)	HC159309	1**	A20-119 —
O-Ring (Swing Clamp MTS-RMT)	HC160628	1**	A20-119 —
O-Ring (Plug)	HC160610	4**	A20-119 —
O-Ring (Plunger)	HC160501	8**	A20-119 —
O-Ring (Roller Shoe MTS-RMT)	HC160612	1**	A20-119 —
O-Ring (Tube-Assy. Inlet)	HC160502	1**	A20-119 —
Oil-Special Gear Lube (Per Quart)	<i>Verify Type of Oil from Tag on Gear Reducer</i>		
Overload Block	<i>See "Relay-Assy. Overload"</i>		
Pan-Assy. Condensate	HC116560	1	A20-119 —
Panel-Assy. Front	HC117441-03	1	A20-119 —
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Alphabetized Parts List for Model 180T-RMT

Important: All parts shown are for standard models designed for 230V/1PH/60HZ or 203-230V/3PH/60HZ.

PART DESCRIPTION	PART NUMBER	QTY	SERIAL NUMBER (FROM - TO)
Panel-Assy. Top (Water Cooled)	HC120447	1	A2O-119 —
Panel-Assy. Top (Air Cooled)	HC118000	1	A2O-119 —
Panel-Dispense	HC139194	1	A2O-119 —
Panel-Front Lower	HC140781	1	A2O-119 —
Panel-Rear	HC140780	1	A2O-119 —
Panel-Side (RH)	HC139198	1	A2O-119 —
Panel-Side (LH)	HC139197	1	A2O-119 —
Pickup Tube-Assy. Mix	see "Tube-Assy. Pickup"		
Pin-Dowel 1/4" Dia x 3/4" SST (MTS-RMT)	HC160338	2	A2O-119 —
Pin-Handle	HC160269	1	A2O-119 —
Plate-Back MTS	HC139746	2	A2O-119 —
Plate-Switch (Switch Assemblies)	HC140701	3	A2O-119 —
Plug-Air Bleed	HC138149	2	A2O-119 —
Plug-Button Flush Type	HC162006		
Plunger-Dispense, Center	HC138009	1	A2O-119 —
Plunger-Side Self Dispense	HC137174	2	A2O-119 —
Port-Assy. Inlet Mix/Air	HC118765	1	A2O-119 —
Probe-Assy. Mix Level 10-3/4"	HC115397	2	A2O-119 —
Pull-Door (Handle)	HC136199	1	A2O-119 —
Pulley	See "Sheave"		
Push Rod-Assy. Plunger Switch	HC116089	3	A2O-119 —
Receiver-3 lb 3/8 ID Sweat w/o Valve	HC155071	1	A2O-119 —
Receptacle-Molded Level Sensor	HC150536	2	A2O-119 —
Reducer-Gear LH 5/1 HCD	HC153360	1	A2O-119 —
Reducer-Gear RH 5/1 HCD	HC153361	1	A2O-119 —
Relay-Assy. Overload T1 7.2-10A	HC120361	1	A2O-119 —
Adaptor-Overload Din Rail	HC150063	1	A2O-119 —
Adaptor-Reset Threaded T1	HC150064	1	A2O-119 —
Relay-Overload T1 7.2-10A	HC150061	1	A2O-119 —
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Alphabetized Parts List for Model 180T-RMT

Important: All parts shown are for standard models designed for 230V/1PH/60HZ or 203-230V/3PH/60HZ.

PART DESCRIPTION	PART NUMBER	QTY	SERIAL NUMBER (FROM – TO)
Relay-Compressor Start (1 Phase-Bristol Compressor)	HC151462	1	A2O-119 —
Relay-Compressor Start (Cabinet Compressor)	HC151473	1	A2O-119 —
Relay-Flange Base WCover (3PDT)	HC150380	2	A2O-119 —
Relay-Flange Base WCover (DPDT)	HC150381	3	A2O-119 —
Ring-Retaining 5/8 Ext SST (Mix Feed Seal Assy.)	HC160312	2	A2O-119 —
Roller-Assy. Kit (MTS)	HC116009-01	2	A2O-119 —
Sanitizer-Stera Sheen 4 lb. Jar	HC158014A	*	A2O-119 —
Sanitizer-Stera Sheen Case 4-4 lb. Jar	HC158014	*	A2O-119 —
Scale-Overrun Z32	HC158049	*	A2O-119 —
Screw-HXHC 1/4-20 x 2-1/2 SST MTS-RMT)	HC160464	4	A2O-119 —
Screw-HXHC 1/4-20 x 3-1/2 SST(MTS-RMT)	HC160465	2	A2O-119 —
Screw-HXHM 1/4 -20 x 2-1/2 ZN (Switch Assy.)	HC159965	3	A2O-119 —
Screw-HXSF 1/4 -20 x 11/16 SST(MTS-RMT)	HC159939	4	A2O-119 —
Screw-RDHM #4-40 x 1/4 STL (MTS-RMT)	HC160357	4	A2O-119 —
Screw-RHMS 1/4-28 x 2-1/4 SST(MTS-RMT)	HC160093	8	A2O-119 —
Screw-SK Set 5/16:-18 x 3/8	HC160033	2	A2O-119 —
Screw-SKHC #6-32 x 1 BKOZ (Switch Assemblies)	HC160381	6	A2O-119 —
Screw-SKHC #10-24 x 1-3/4 SST (Mix Feed Seal Assy.)	HC160320	3	A2O-119 —
Screw-TRPM #10-24 x 1/2 SST (Dispense and Front Panels, Trimstrip)	HC160076	16	A2O-119 —
Screw-TRPM #10-24 x 3/8 SST (Top Panel)	HC160305	4	A2O-119 —
Screw-TRPM 1/4 x 20 x 1/2 SST (Rear Panel)	HC160048	6	A2O-119 —
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Alphabetized Parts List for Model 180T-RMT

Important: All parts shown are for standard models designed for 230V/1PH/60HZ or 203-230V/3PH/60HZ.

PART DESCRIPTION	PART NUMBER	QTY	SERIAL NUMBER (FROM - TO)
Screw-TRPM 1/4 x 20 x 1 SST (Side Panel)	HC159219	12	A20-119 —
Seal-Assy. Shaft	HC111875	2**	A20-119 —
O-Ring	HC160500	2**	A20-119 —
Seal-Beater Shaft (Cup)	HC160557	2**	A20-119 —
Washer-Shaft Seal (Bushing)	HC133098	2**	A20-119 —
Sealant-Clear Silicone	HC162509-01	*	A20-119 —
Sealant-Gray Silicone	HC162513-01	*	A20-119 —
Seal-Shaft (One piece Double Sided)	HC160567	*	A20-119 —
Sensor-10K Thermistor (Heat Tube)	HC161216	2	A20-119 —
Shaft-Assy. Beater	HC117080	2	A20-119 —
Sheave-5/8 Bore 7.25 OD (Driven)	HC153602	1	A20-119 —
Sheave-7/8 Bore 2.25 OD (Driver)	HC153611	1	A20-119 —
Sheet-Clean & Sanitize	HC184871	1	A20-119 —
Shield-Drip (MTS)	HC139756	2	A20-119 —
Shoe-Roller (MTS)	HC139751	2	A20-119 —
Shroud-Assy. Evaporator (Cabinet)	HC117443-01	1	A20-119 —
Coil-Evaporator	HC155111	1	A20-119 —
Cord-Assy. Male Plug	HC150532	1	A20-119 —
Fan-Intake (Cabinet)	HC151105	1	A20-119 —
Guard-Fan Open	HC151076	1	A20-119 —
Switch Door Push Button	HC150509	1	A20-119 —
Thermometer-Barrel	HC161004	1	A20-119 —
Shroud-Assy. Condenser (AC)	HC116566	1	A20-119 —
Sleeve-Cable Stop 3/64 (MTS-RMT Cover)	HC160508	4	A20-119 —
Socket-Octal Terminal (Switch Box)	HC150119	2	A20-119 —
Spacer-Motor (MTS-RMT)	HC138793	8	A20-119 —
Spacer-Panel	HC138456	18	A20-119 —
Spacer-Swing Arm (MTS-RMT)	HC138800	4	A20-119 —
Spring-Compression (Plunger Switch)	HC162323	3	A20-119 —
Spring-Pivot Hinge LH	HC162052	1	A20-119 —
Strip-Terminal	HC150795	2	A20-119 —
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Alphabetized Parts List for Model 180T-RMT

Important: All parts shown are for standard models designed for 230V/1PH/60HZ or 203-230V/3PH/60HZ.

PART DESCRIPTION	PART NUMBER	QTY	SERIAL NUMBER (FROM – TO)
Strip-Terminal	HC150759	1	A2O-119 —
Stud-5/16-18 x 3/4 SST (MTS)	HC160386	2	A2O-119 —
Stud-Assy. Cylinder 3-5/16"	HC114341-05	4	A2O-119 —
Support-Roller Bearing (MTS-RMT)	HC138783-01	2	A2O-119 —
Switch-Assy. Center Self Closing Plunger	HC114178-01	1	A2O-119 —
Spring-Compression	HC162323	1	A2O-119 —
Switch-Roller Actuator DPDT	HC150478	1	A2O-119 —
Switch-Assy. Self Closing Plunger (Sides)	HC114176-01	2	A2O-119 —
Spring-Compression	HC162323	2	A2O-119 —
Switch-Roller Actuator SPDT	HC150477	2	A2O-119 —
Switch-Assy. Kit Pressure (MTS)	HC118712	1	A2O-119 —
Switch-Centrifugal	HC150877	2	A2O-119 —
Switch-Cover RMT Freezer Kit	HC118894	2	A2O-119 —
Switch-Door Push Button	HC150509	1	A2O-119 —
Switch-Kit Dispense Head	HC116410	2	A2O-119 —
Switch-Roller Actuator DPDT (Center Plunger)	HC150478	1	A2O-119 —
Switch-Roller Actuator SPDT (Side Plungers)	HC150477	2	A2O-119 —
Switch-Start Solid State (Relay) (Gearmotor)	HC150893	2	A2O-119 —
Switch-Toggle 4PDT Center Off (Selector)(Switch Box)	HC150436	2	A2O-119 —
Switch-Toggle SPST (MTS)(Switch Box)	HC159235	2	A2O-119 —
Switch-Toggle SPST(DAY/NIGHT)(Switch Box)	HC159235	2	A2O-119 —
Switch-Toggle SPST (Cabinet)(Switch Box)	HC159235	1	A2O-119 —
Tank-Mix 5 Gal.(8-9/16" wide x 14-1/16" deep)	HC196255	2	A2O-119 —
Thermometer-Barrel (Cabinet)	HC161004	1	A2O-119 —
Thermostat-Kit CAB (Cabinet)	HC118813	1	A2O-119 —
Thermostat & Retainer-Kit (Day and Night)	HC119989	4	A2O-119 —
Timer-5-45 Delay on Break (Switch Box)	HC150252-01	2	A2O-119 —
Timer-12 Sec. Delay on Break (Switch Box)	HC150208	2	A2O-119 —
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Alphabetized Parts List for Model 180T-RMT

Important: All parts shown are for standard models designed for 230V/1PH/60HZ or 203-230V/3PH/60HZ.

PART DESCRIPTION	PART NUMBER	QTY	SERIAL NUMBER (FROM - TO)
Timer-5 Minute (Switch Box)	HC150218	1	A2O-119 —
Tool-O-Ring Removal	HC169374	*	A2O-119 —
Tool-Pressure Switch Installation	HC117013	*	A2O-119 —
Tray-Drip-24" Black	HC196107	1	A2O-119 —
Trimstrip-Assy. EF Decal 24"	HC117442	1	A2O-119 —
Tube-Air 7-1/2" (MTS Hose Assy.)	HC138170-02	2	A2O-119 —
Tube-Assy. Drain 14-1/4"	HC115004	1	A2O-119 —
Tube-Assy. Mix Pickup (2 piece)	HC118842	1	A2O-119 —
Clip-Tube Retainer	HC162324	1	A2O-119 —
O-ring	HC160502	1	A2O-119 —
Port-Assy. Inlet Mix/Air	HC118765	1	A2O-119 —
Tube-Assy. Mix Inlet	HC118836	1	A2O-119 —
Tube-Assy. Suction Cap Drier	HC120123	1	A2O-119 —
Tube-Drain Support	HC139384	1	A2O-119 —
Tube-Mix Feed Clamp (Mix Feed Seal Assy.)	HC140352	2	A2O-119 —
Tubing-.375 x 500 OD	HC196068	1	A2O-119 —
Valve-Access (Bristol Compressor)	HC155419	1	A2O-119 —
Valve-Check 5/8 ODF Sweat (Refrigeration)	HC155487	2	A2O-119 —
Valve-Duckbill Inlet RM MTS	HC199032-01	2	A2O-119 —
Valve-Expansion Automatic (Cylinder)	HC155490	2	A2O-119 —
Valve-Thermostatic Expansion (Cabinet)	HC155399	1	A2O-119 —
Valve-Solenoid	HC155421	3	A2O-119 —
Valve-Solenoid Kit	HC155434	*	A2O-119 —
Valve-Assy. Water	HC113769	2	A2O-119 —
Valve-Water 3/8"	HC155410	2	A2O-119 —
Valve-Water Repair Kit	HC155444	*	A2O-119 —
Video-Training RMT SS (DVD)	HC184881-01	*	A2O-119 —
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Alphabetized Parts List for Model 180T-RMT

Important: All parts shown are for standard models designed for 230V/1PH/60HZ or 203-230V/3PH/60HZ.

PART DESCRIPTION	PART NUMBER	QTY	SERIAL NUMBER (FROM – TO)
Washer-Flat #6 Brass (MTS)	HC160393	4	A2O-119 —
Washer-Flat #6 Brass (Switch Assemblies)	HC160393	6	A2O-119 —
Washer-Flat 3/8 SST (MTS)	HC160169	4	A2O-119 —
Washer-Lock #10 SST (Mix Feed Seal Assy.)	HC160166	3	A2O-119 —
Washer-Lock 3/8 SST (MTS)	HC160170	4	A2O-119 —
Washer-Shaft Seal (Bushing-Shaft Seal)	HC133098	2	A2O-119 —
Washer-Spring Wave (MTS)	HC160173	2	A2O-119 —
Wire-Lanyard (w/o Sleeve) (RMT Cover)	HC138890	2	A2O-119 —
Wrap-Assy. Cabinet	HC120638	1	A2O-119 —
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