

ELECTRO FREEZE®

Replacement Parts Manual with Illustrations

***FREEDOM* 360°**
Series

**Soft Serve Twist Freezer
Model 88T-RMT
with Misto Dispenser**

P/N 184622-01 5/08

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

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

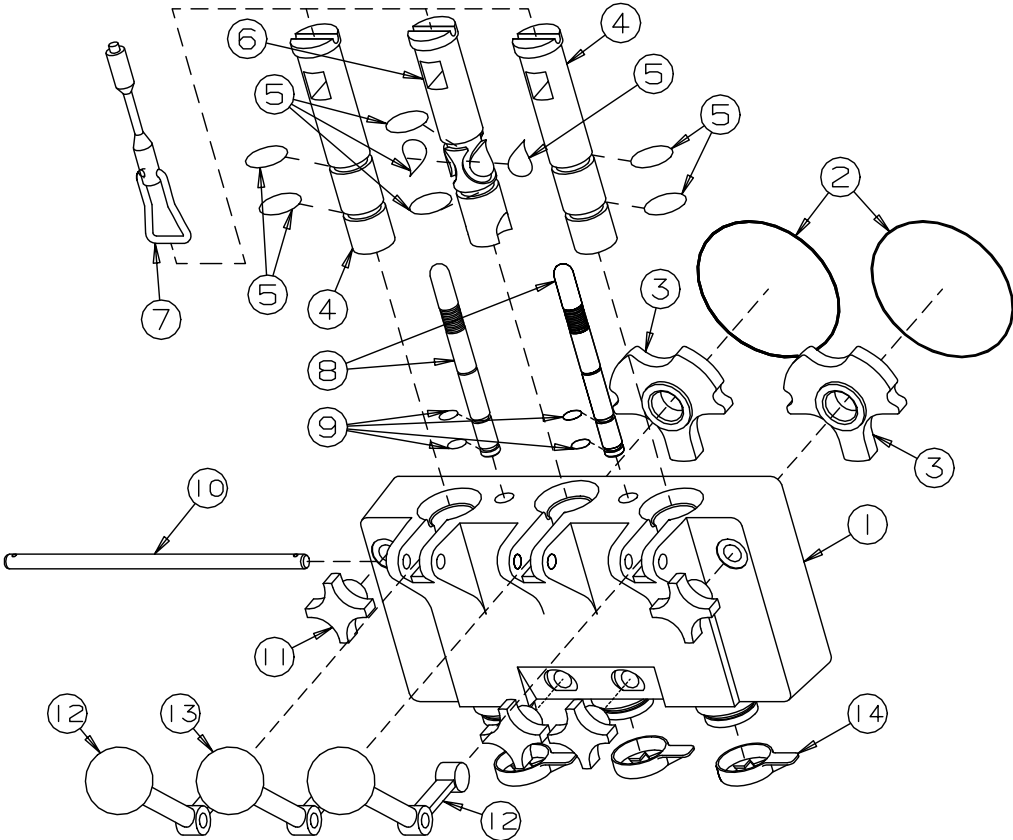
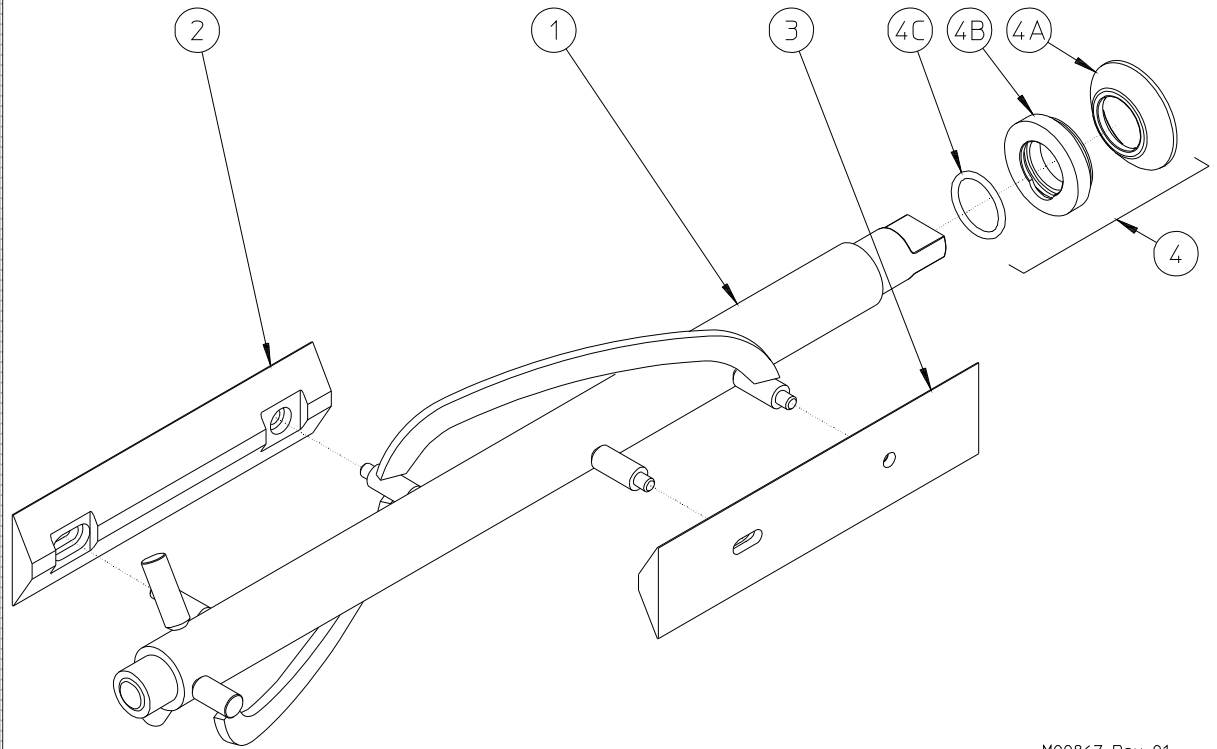


Figure 1 Head Assembly

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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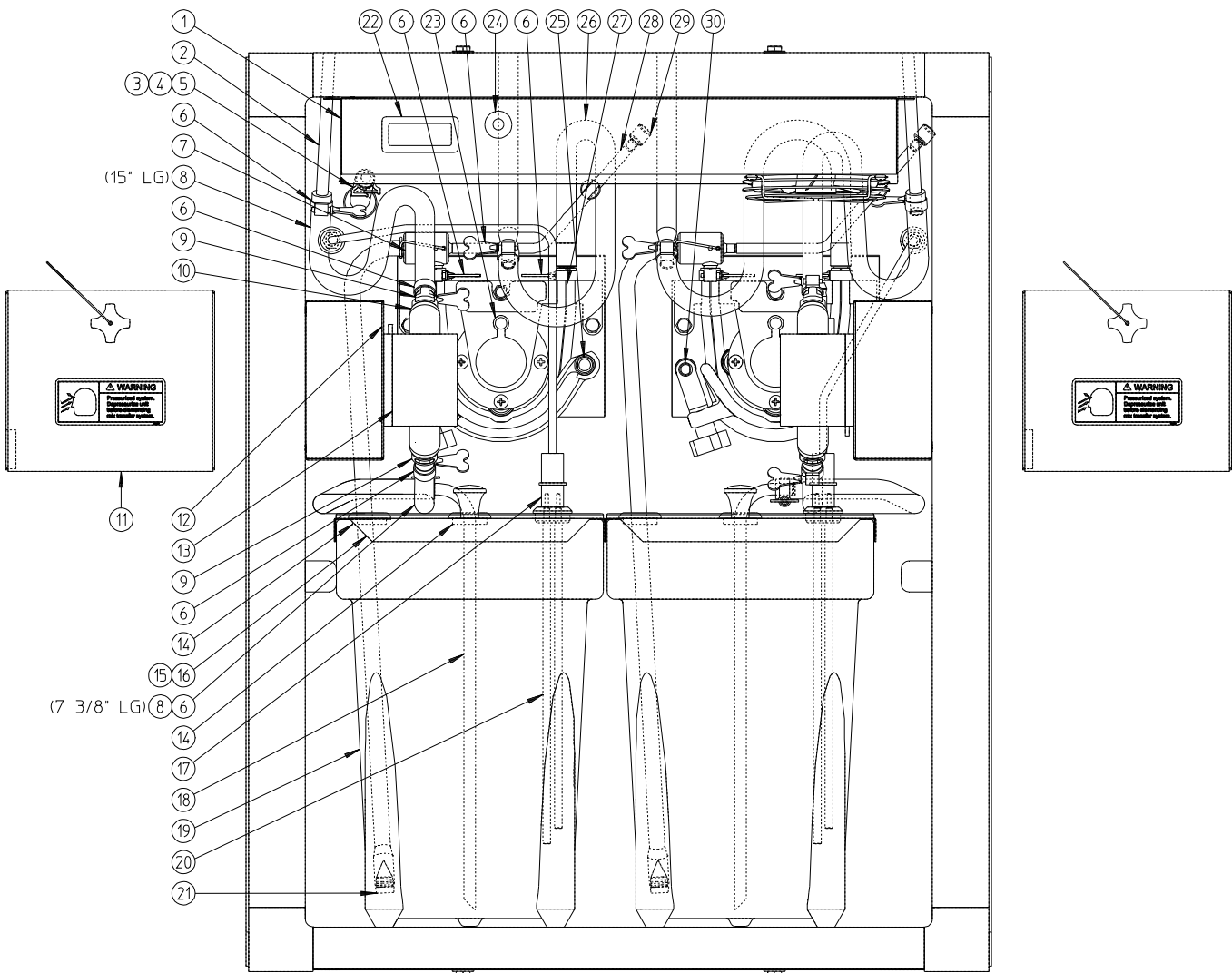


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Figure 2 Beater Shaft Assembly

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)

Figure 3 Cabinet Parts



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AIR METERS	
Meter No.	Part No.
16	163429
16.5	163429-05
17	163430

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Figure 3 Cabinet Parts

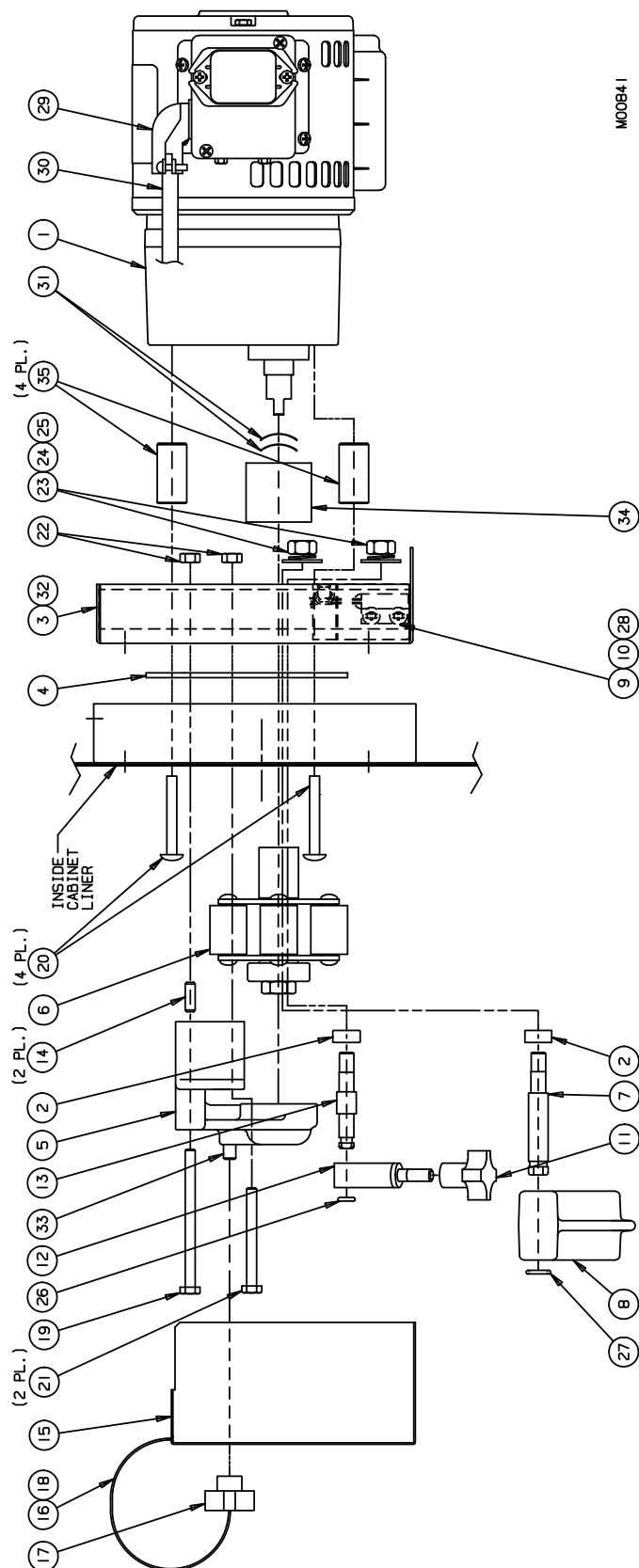
Item	Part No.	Description
1	HC117443-01 ..	Shroud-Assy. Evaporator includes HC150532 Cord-Assy. Male Plug HC151105 Fan-Intake (Cabinet) HC151076 Guard-Fan Open HC150509 Switch-Door Push Button HC161004 Thermometer-Barrel
1A ...	HC155111	Coil-Evaporator
1B ...	HC150533	Cord-Assy. Female Plug
2	HC140698	Tube-Dispense Rita
3	HC160738	Clamp-Hose 1/2 ID Delrin (Drain)
4	HC196068	Tubing-.375 ID x .500 OD PVC
5	HC139384	Tube-Drain Support
6	HC116065	Clamp-Assy. Soft Hose 5/8
7	HC118842	Tube-Assy. Pickup 2PC includes HC118765 Port-Assy. Inlet Mix/Air HC118836 Tube-Assy. Mix Inlet HC162324 Clip-Tube Retainer HC160502 O-ring
8	HC196057-01	Tubing-3/8 ID x 1/8 Wall Inner Braid
9	IC588111163 ..	Connection-CPC 3/8"
10	IC157245040 .	Tube-Assy. Peristaltic Pump
11	HC119023	Cover-Assy. RMT CAB
12	HC120481	Pump-Assy. Aux. Mix includes HC151144 Gearmotor-24VDC Pump Drive IC570100148 Watso. Marlow Pumphead
13	IC570100148 ..	Watso. Marlow Pumphead
14	HC199033	Boot-Mix Tube (Seal)
15	HC119995	Cover-Assy. Mix Tank Front
16	HC140445-01	Cover-Rear Mix Rita's
17	HC150537	Cordset-Mix Level Probe
17A ...	HC150536	Receptacle-Molded Level Sensor
18	HC140690	Tube-Aux. Mix Pickup
19	HC196255	Tank-Mix 5 Gal.
20	HC115397	Probe-Assy. Mix Level
21	HC199032-01	Duckbill-Inlet RM MTS
22	HC161004	Thermometer-Barrel
23	HC118751	MT-Assy. CAB Redline (See Figure 4)
24	HC150509	Switch-Door Push Button
25	HC160612	O-ring (Roller Shoe)
26	HC116094	Hose-Assy. Mix Braided
27	HC138836	Hose-Transfer Red Line
28	HC138170-02	Tube-Air 7-1/2 inches
29		Meter-Air (see chart page 4 or order by meter number)
30	HC160628	O-ring (Swing Clamp)

Not Shown:

HC162006 Plug-Button Flush Type

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



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

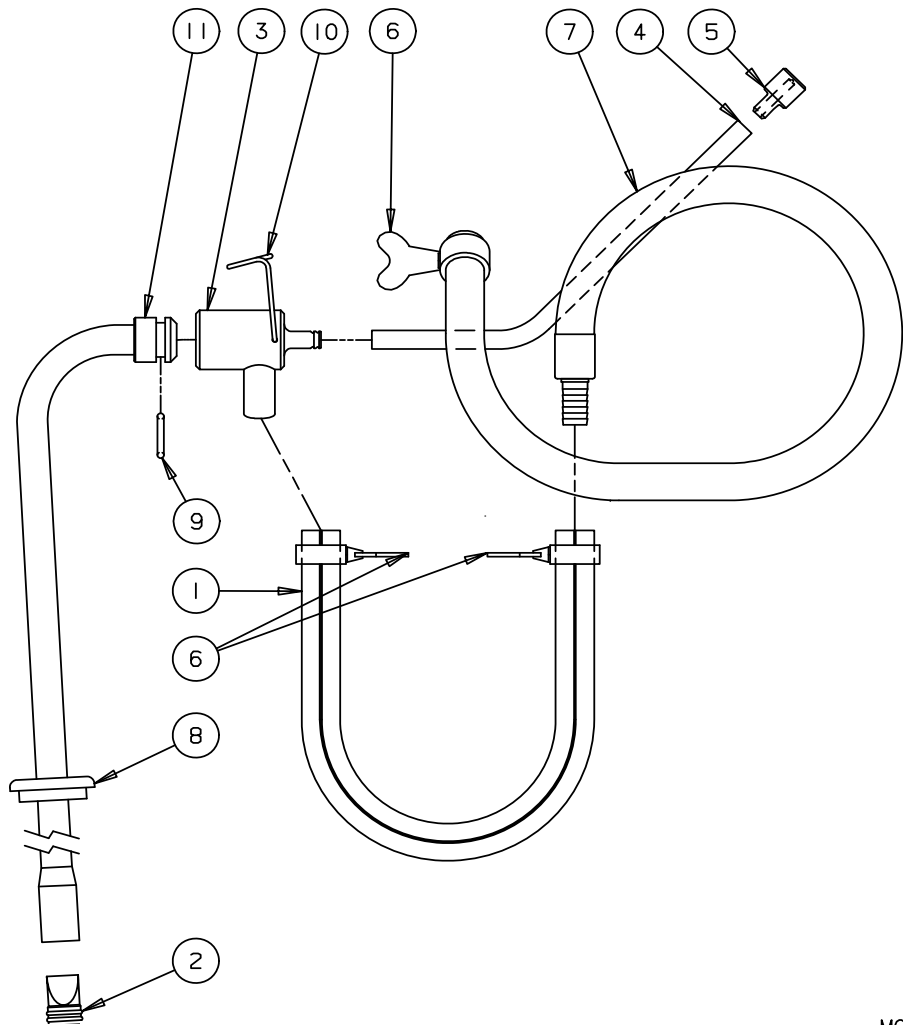
Item	Part No.	Description
*	HC118751	MT-Assy. CAB Red Line
1	HC119918	Kit-Gearmotor Replacement Model RMT includes HC150512 Capacitor-Start w/Bleed HC139046-01 .. Gauge Shaft Alignment RMT HC150893 Switch-Start Solid State (Relay) HC160173 Washer-Spring Wave SST
2	HC138800	Spacer-Swing Arm
3	HC118764	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	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
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.

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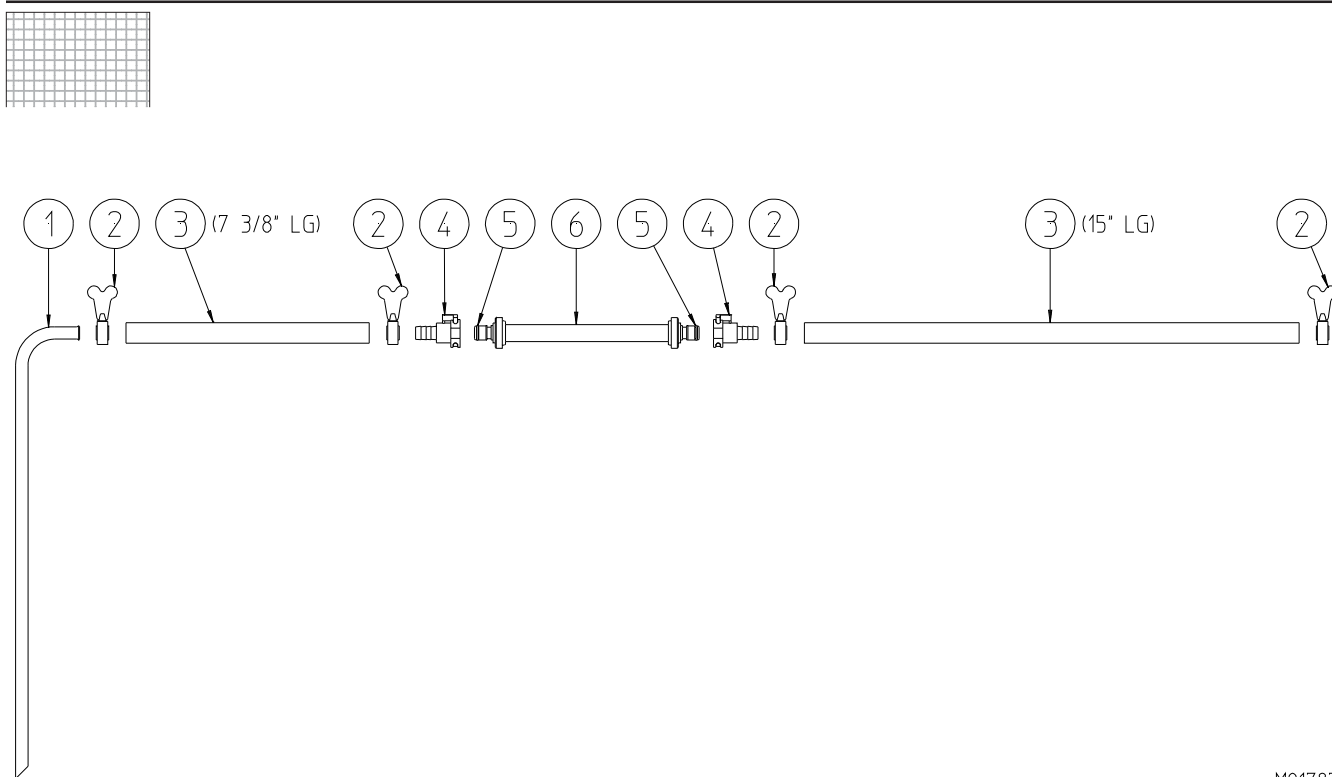
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Figure 5 MTS—RMT Hose Assembly

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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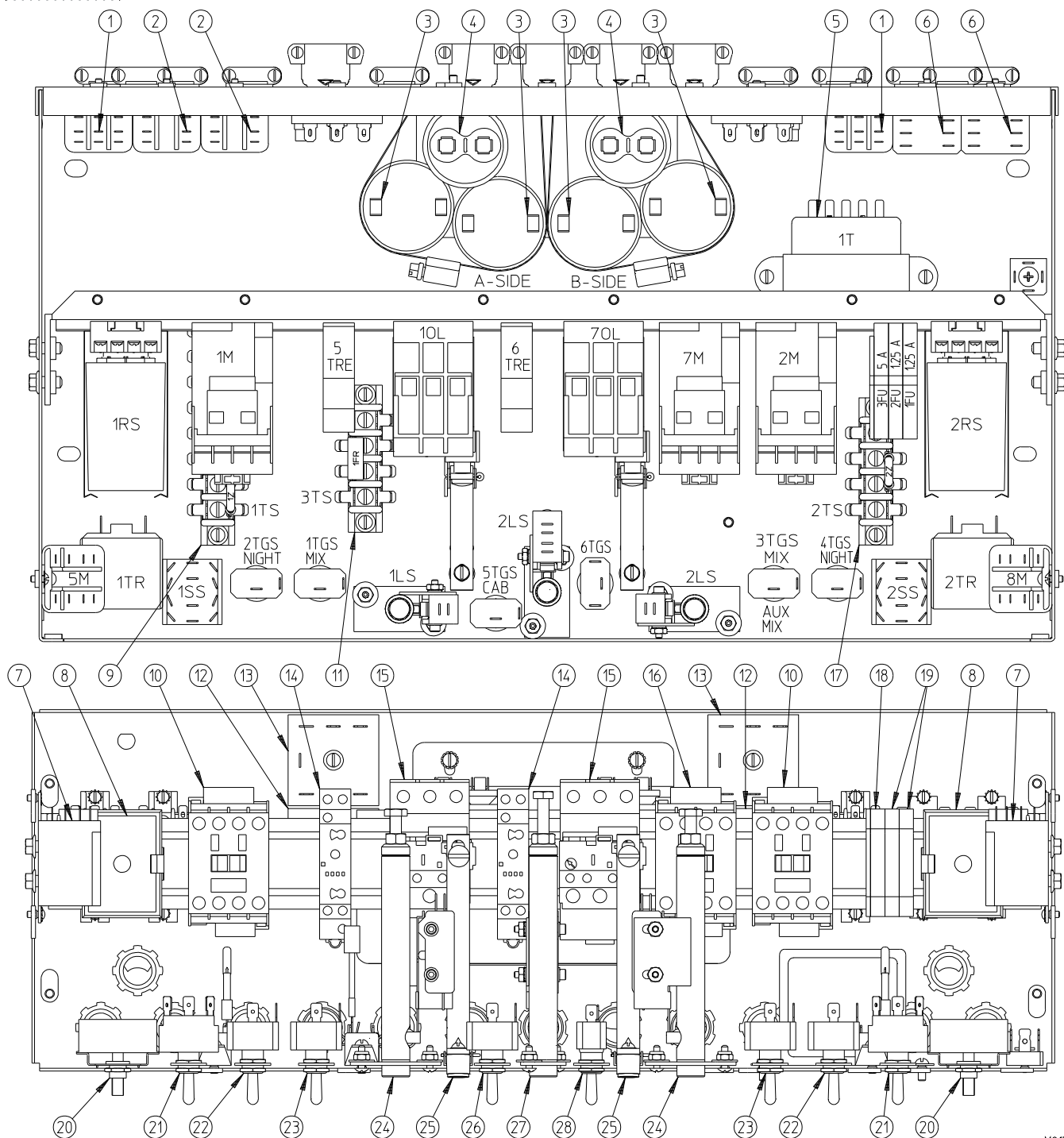
Figure 6 Misto® Hose Assembly

Item	Part No.	Description
1	HC140690	Tube-Auxiliary Mix Pickup
2	HC116065	Clamp-Assy. Soft Hose 5/8
3*	HC196057-01	Tubing-3/8
4	IC588111163	Connection-CPC 3/8
5	IC541000107	O-ring
6	IC157245040	Tube-Assy Peristaltic Pump

*Order unit of measure is per foot.

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Figure 7 Switch Box (sheet 1 of 2)



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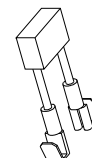
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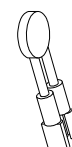
Figure 7 Switch Box (sheet 2 of 2)

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	HC150616	Transformer-115/230V/28V 100VA
6	HC150617	Relay-Control Flange DPDT 24VDC
7	HC150381	Relay-Flange Base w/Cover
8	HC150202	Indicator-Mix Level
8A	HC150540	Light-Indicator (not shown)
8B	HC150119	Socket-Octal
8C	HC150120	Clip-Retainer (Set of 2)
9	HC150759	Strip-Terminal
9A	HC116188	Mov-Assy. (See detailed drawing)
10	HC150155	Contactor-IEC 23A 208-230v C (Beater Motor)
10A	HC150156	Coil-A/B 208-230v (Replacement coil only)(not shown)
11	HC150795	Strip-Terminal
11A	HC116125	Filter-Assy. (See detailed drawing)
12	HC150252-01	Timer-.5-45 Delay on Break 230v
13	HC150208	Timer-12 Sec. Delay on Break (Compressor)
14	HC150096	Timer-Multi Function 23-240V SPDT 16A
15	HC118359	Relay-Assy. Overload 1ph 5-15A includes HC150145
		Adaptor-Overload Din Rail
		HC150150
		Button-Overload Reset Adapator
		HC150140
		Relay-SS Overload 1ph 5-15A
16	HC150155	Contactor-IEC 23A 208-230v C (Compressor & Cabinet)
16A	HC150156	Coil-A/B 208-230v (Replacement coil only) (not shown)
17	HC150795	Strip-Terminal
17A	HC116188	Mov-Assy. (See detailed drawing)
18	HC150940	Block-Fuse Din 5 x 20mm
18A	HC150939	Fuse-5 X 20MM 5A
19	HC150940	Block-Fuse Din 5 x 20mm
19A	HC150397	Fuse-Slow Blow 5x20mm 1.25A
20	HC150218	Timer-5 Minute
20A	HC162604	Knob-Timer
21	HC150436	Switch-Toggle 4PDT Center OFF (Selector) (See Figure 6)
22	HC159235	Switch-Toggle SPST (DAY/NIGHT)
23	HC159235	Switch-Toggle SPST (Mix Transfer System)
24	HC114176-01	Switch-Assy. Self Closing Plunger (Sides) (See Figure 8)
25	HC118550	Lever-Assy. Reset includes HC159036
		Button-Reset
26	HC159235	Switch-Toggle SPST (Cabinet)
27	HC114178-01	Switch-Assy. Self Closing Plunger (Center) (See Figure 8)
28	HC150429	Switch-Toggle MOM/OFF/ON SPDT (Mix Dispense Switch)

Detailed Drawings of Filter and MOV Assemblies



Item #10A
Filter-Assy.
HC116125



Item #8A and
#14A
MOV-Assy.
HC116188

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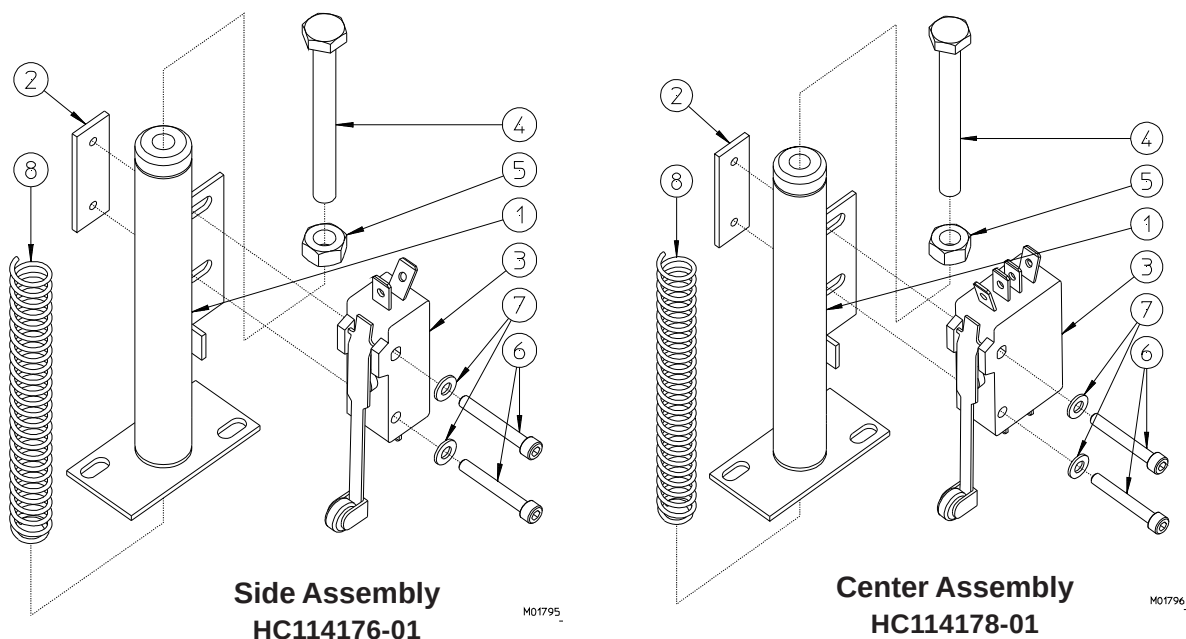
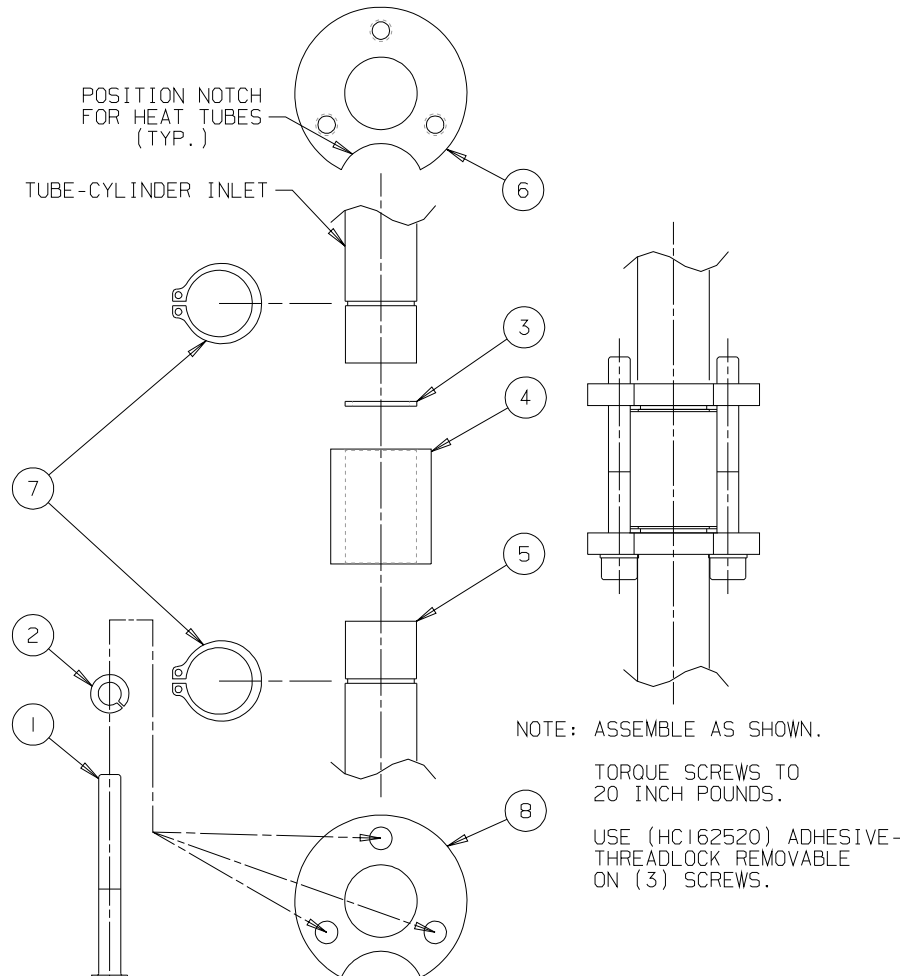


Figure 8 Switch Assemblies

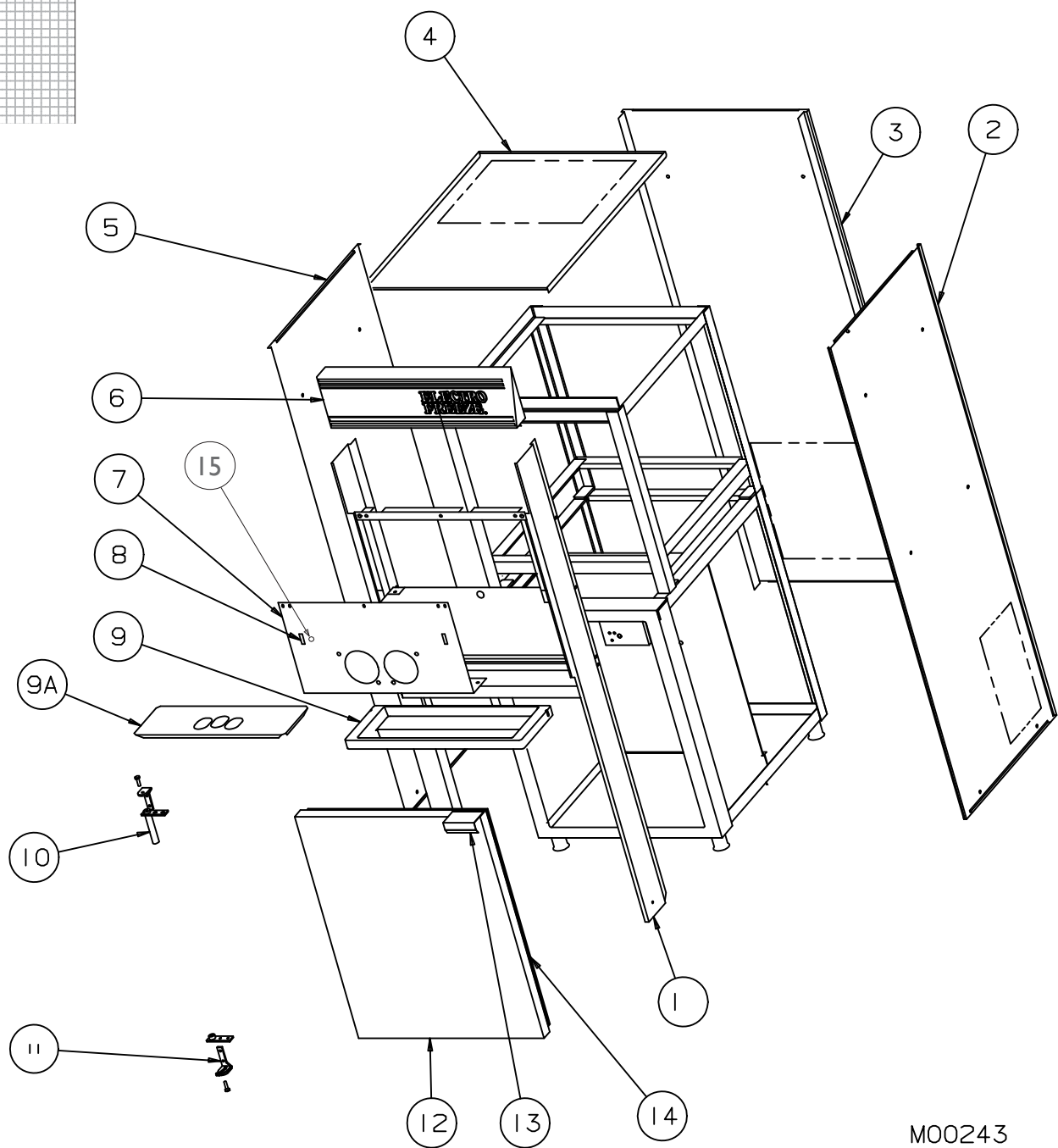
Item	Part No.	Description
1.....	HC114174	Guide-Assy. Push Rod
2.....	HC140701	Plate-Switch
3.....	HC150477	Switch-Roller Actuator SPDT (Sides)
or.....	HC150478	Switch-Roller Actuator DPDT (Center)
4.....	HC159965	Screw-HXHM 1/4-20 x 2-1/2 ZN
5.....	HC160104	Nut-HEX 1/4-20 ZN
6.....	HC160381	Screw-SKHC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

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Figure 9 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

Figure 10 Panel Assembly (sheet 1 of 2)



M00243

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Figure 10 Panel Assembly (sheet 2 of 2)

Item	Part No.	Description	
1	HC117441-02	Panel-Assy. Front Misto	
2	HC139197	Panel-Side RH	
3	HC139196	Panel-Rear	
4	HC118000	Panel-Assy. Top (Air Cooled)	
4A.....	HC118001	Panel-Assy. Top (Water Cooled)	
5	HC139198	Panel-Side LH	
6	HC117442	Trimstrip-Assy. EF Decal 24"	
		HC165147	Decal-Trimstrip EF Logo
		HC165191	Decal-Freedom
6A.....	HC117355	Cover-Assy. Electric Box (not shown)	
7	HC139194-04	Panel-Dispense Misto	
8	HC150540	Light-Indicator (Low Mix)	
9	HC196107	Tray-Drip 24" Black	
9A.....	HC117447-01	Insert-Assy. Drip Tray Rita's includes	
		HC199030	Bumper-Rubber
10	HC162045	Hinge-Pivot 1-3/8" Top LH includes	
		HC162052	Spring LH
11.....	HC162046	Hinge-Pivot 1-3/8" Bottom LH	
12	HC114260-01	Door-Assy. Complete 24" EF includes	
		HC160563-01...	Gasket-Magnetic (Cabinet Door)
		HC136199	Pull-Door
		HC165414	Nameplate-EF Large (not shown)
12A	HC118597	Actuator-Assy. Door Switch (not shown)	
13	HC136199	Pull-Door	
14	HC160563-01	Gasket-Magnetic (Cabinet Door)	
15	HC150615	Switch-Push Button MOM SPST	

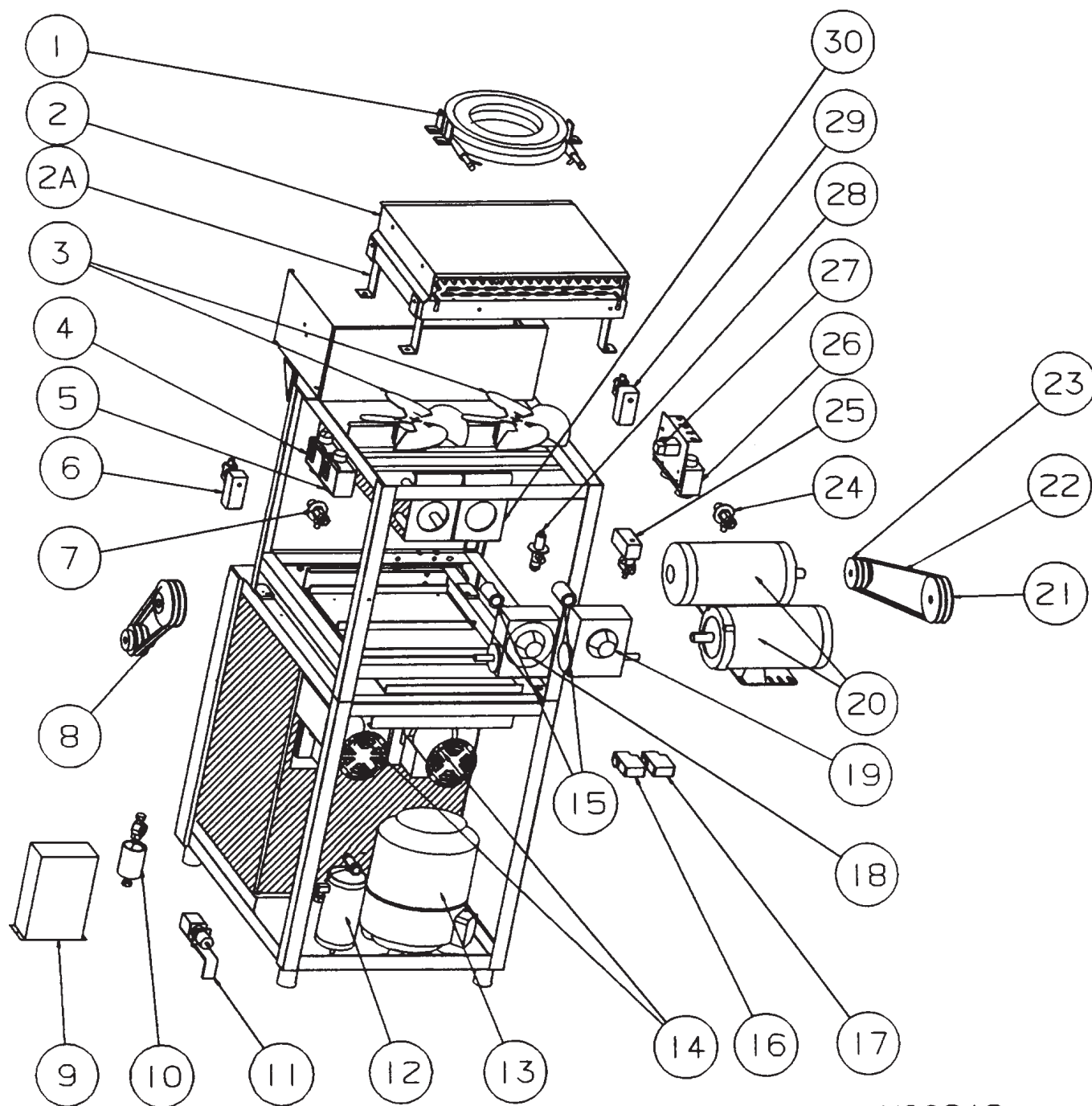
LH = Left hand side of freezer when facing front.

RH = Right hand side of freezer when facing front.

Hardware for Panels				
Panel	Screw	Nut-Speed	Spacer	Nut-Speed on Frame
Dispense	HC160076	HC159132	n/a	n/a
Front	HC160076	HC159132	n/a	HC159067
Rear	HC160048	HC160114	HC138456	n/a
Side	HC159219	HC160114	HC138456	n/a
Top	HC160305	n/a	n/a	n/a
Trimstrip	HC160076	n/a	n/a	n/a
n/a – Not Applicable				

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°
HC167010	Mix Dispense
HC164110	MTS Connect Red Line
HC164114	MTS Trimstrip LH
HC164115-02	MTS Trimstrip RH Rita's
HC164004-01	Operating Instructions
HC165126	Panel Removal
HC165147	Trimstrip EF Logo
HC165124	Top Air Discharge
HC165246	Warning - Pressurized

Figure 11 Water Cooled Assembly (sheet 1 of 2)



M00248





Figure 11 Water Cooled Assembly (sheet 2 of 2)

Item	Part No.	Description	Item	Part No.	Description
1	HC155029	Condenser-Water	22	HC153167	Belt-LH (order by freezer serial number)
1A ...	HC139481	Bracket-Water Condenser	23	HC153611	Sheave-7/8 Bore 2.25 OD (Driver)
2	-----	Not Applicable for this Model	23A ..	HC153322	Key-Drive 3/16" sq x 1-1/2"
3	_____	Not Applicable for this Model	23B ..	HC160033	Screw-SK Set 5/16"-18x3/8"
4	HC119989	Kit-Thermostat & Retainer (Day)	24	HC155490	Valve-Automatic Expansion (Cylinder)
5	HC119989	Kit-Thermostat & Retainer (Night)	24A ..	HC165531	Insulator-Expansion Valve
6	HC155421	Valve-Solenoid 208-240V (Cylinder)	25	HC155421	Valve-Solenoid 208-240V (Cabinet)
6A ...	HC155434	Kit-Solenoid Valve	25A ..	HC155434	Kit-Solenoid Valve
7	HC155490	Valve-Automatic Expansion (Cylinder)	26	HC119989	Kit-Thermostat & Retainer (Night)
7A ...	HC165531	Insulator-Expansion Valve	26A ..	HC119989	Kit-Thermostat & Retainer (Day)
8	HC153163	Belt-V (RH)	27	HC118813	Kit-CAB Thermostat
9	-----	Box-Assy. Capacitor & Relay (1 ph only) (Bristol)	28	HC155449	Valve-Automatic Expansion (Cabinet)
		HC151463 .. Capacitor-Run	28A ..	HC165531	Insulator-Expansion Valve
		HC151436 .. Capacitor-Start	29	HC155421	Valve-Solenoid 208-240V (Cylinder)
		HC151462 .. Relay-Comp. Start	29A ..	HC155434	Kit-Solenoid Valve
10	HC155054	Drier-Filter 16 cu in	30	HC118837-01	Cylinder-Assy. Complete Misto®
10A ..	HC155059	Glass-Sight	30A ..	HC118712	Kit-Pressure Switch 30 psi
11	HC113769	Valve-Assy. Water includes HC155410 .. Valve-Water 3/8"	30B ..	HC116105	Nut-Assy. Pressure Switch
11A ...	HC155444	Kit-Water Valve Repair	30C ..	HC116410	Kit-Dispense Head Switch
12	HC155071	Receiver-3 lb. 3/8 ID Sweat w/o Valve			
13	HC119540	Compressor-Assy.(1 ph) includes Bristol compressor and			
		HC151463 .. Capacitor-Run			
		HC151436 .. Capacitor-Start			
		HC155054 .. Drier-Filter 16 cu in			
		HC151462 .. Relay-Comp. Start			
14	HC119918	Kit-Gearmotor Replacement Model RMT			
15	HC111780	Coupling-Assy. 7/8" Drive			
16	HC120495	Kit-HPCO 155702 Field			
17	HC120496	Kit-LPCO 155701 Field			
18	HC153361	Reducer-Gear RH 5/1 HCD (B Side) (See Figure 12)			
19	HC153360	Reducer-Gear LH 5/1 HCD (A Side) (See Figure 12)			
20	HC119816	Kit-Motor & Cap 2HP (208/230-1-60) includes motor and			
		HC150244 .. Cap.-Run			
		HC150294 .. Capacitor-Start (2)			
20A ..	HC150877	Centrifugal Switch (For Motor in Kit HC119816)			
21	HC153602	Sheave-5/8 Bore 7.25 OD (Driven)			
21A ..	HC153322	Key-Drive 3/16" sq x 1-1/2"			
21B ..	HC160033	Screw-SK Set 5/16"-18x3/8"			

Not Shown:

HC116560 Pan-Assy. Condensate |

HC161216 Sensor-10K Thermistor |

HC115004 Tube-Assy. Drain 14-1/4" |

HC155487 Valve-Check 5/8 ODF Sweat |

HC155419 Valve-Access |

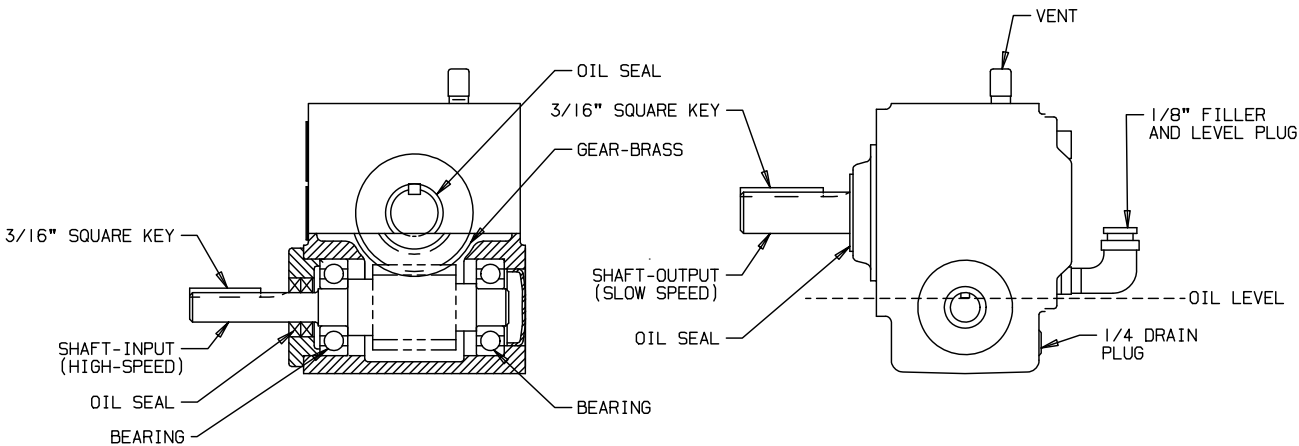
HC155574 Cap-Access Valve |

LH = Left hand side of freezer when facing front.

RH = Right hand side of freezer when facing front.

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

Figure 12 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.

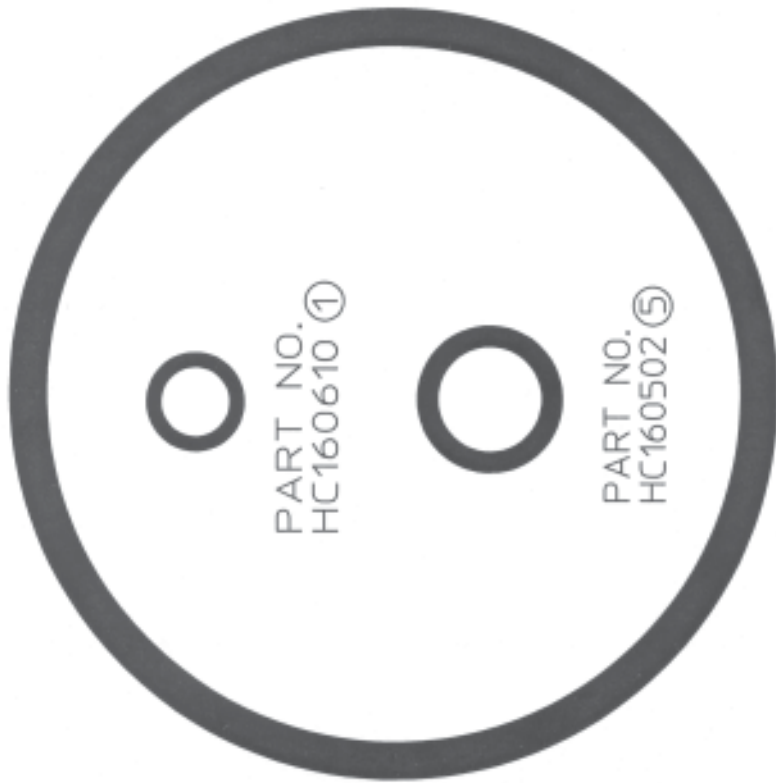
Use only original or authorized replacement parts with this freezer.
Use of unapproved parts will void warranty.

Accessories

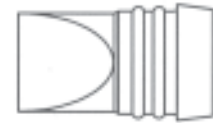
Part No.	Description
HC196103	Bottle-Wash 500ML (Plunger and MTS)
HC158009	Brush-4" w/o Handle (Cylinder) (Use w/Handle p/n HC158012)
HC158037	Brush-1/4 Dia x 18-1/2 Overall Length
HC158022	Brush-1/4 Dia 2LG 6-1/2 Overall Length
HC158018	Brush-7/16" Dia. 12" Overall Length
HC158019	Brush-9/16" Dia. 30" Overall Length
HC158026	Brush-1" Dia. 12" Long
HC158077	Brush-9/16" w/36 in. Handle
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
HC158012	Handle-Brush 36" Fiberglass (Use w/Brush p/n HC158009)
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
HC169374	Tool-O-Ring Removal

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

SOFT SERVE DISPENSING HEADS



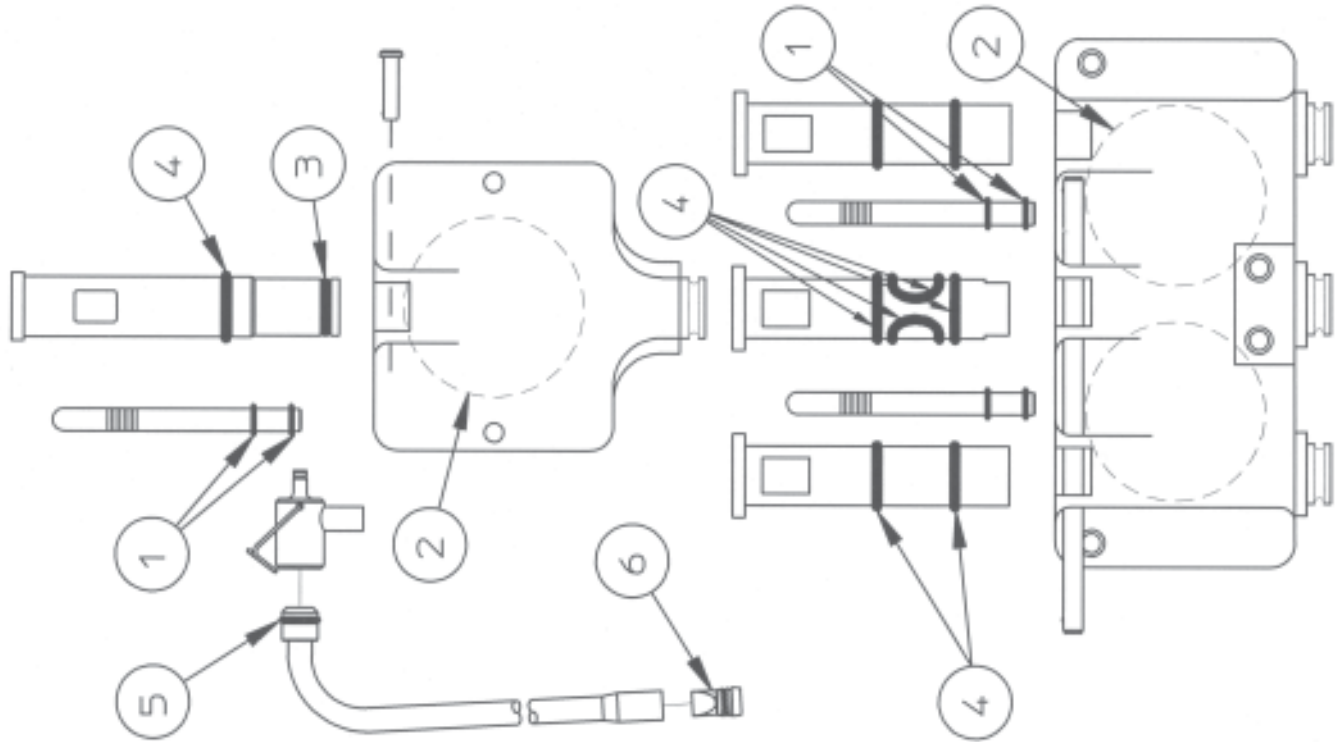
PART NO.
HC159309 ②



PART NO.
HC160582 ③

PART NO.
HC160501 ④

PART NO.
HC199032-01 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.

Cleaning & Sanitizing Electro Freeze® 88T-RMT Freezers w/Misto® Dispenser

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 tanks.
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 tank, allowing the cylinders to fill with water.
5. Open plungers to drain mix and water. Repeat step 4 until water is clear.
6. Push Misto® switch to **"MOM"** and hold down while pressing panel push button. Run cold water through each nozzle until water is clear.
7. Prepare and pour 2 gallons of warm sanitizing solution of 100ppm available chlorine in container.
8. Push Misto® switch to **"MOM"** and hold down while pressing panel push button and run one quart of sanitizer through each nozzle.
9. Open air bleed and fill each cylinder with sanitizer. Close air bleed. Place selector switch to clean for 5 minutes.
10. Put all switches in the **"OFF"** position. Drain completely.
11. Push Misto® switch to **"MOM"** and hold down while pressing panel push button until all sanitizer is removed.

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

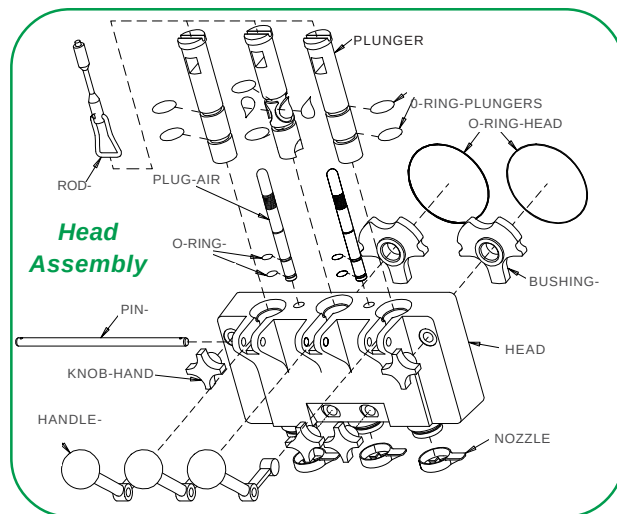
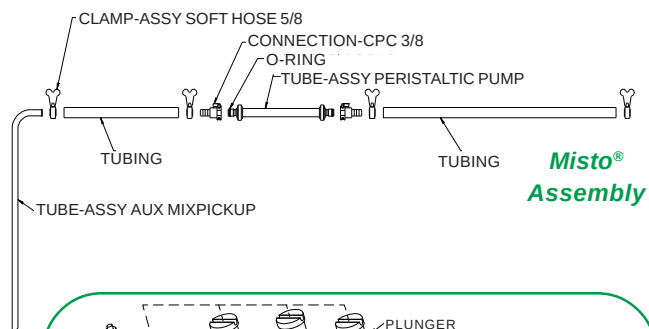
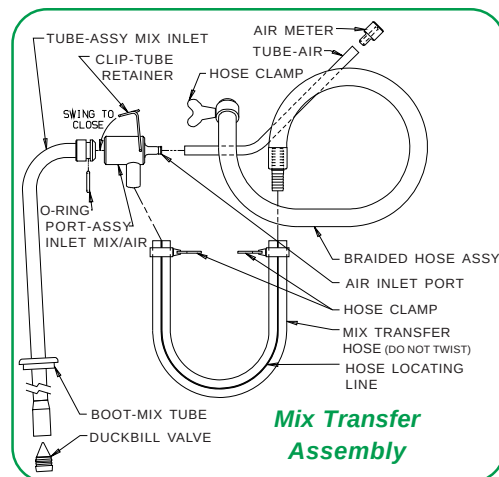
1. Prepare a three-compartment sink for cleaning, rinsing, and sanitizing parts removed from the freezer per applicable health codes. The sanitizer should be mixed according to the manufacturer's instructions to yield 100 parts per million (PPM) available chlorine solution. (example: Stera-Sheen Green 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. Use sanitizing solution to thoroughly brush the mix feed tubes from the refrigerated cabinet to the cylinders and the Misto® mix tubes.

CLEANING

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 tank. Sanitizing solution must be mixed according to manufacturer's instructions to yield 100 PPM (parts per million) available chlorine solution.

(over)

SANITIZING (continued)

- Brush the interior mix tank walls, the underside of the tank covers, and low mix probes with sanitizer solution.
- Place the mix tanks with sanitizer in the refrigerated cabinet, insert pickup tubes and sanitize exterior of the tubes.
- Place an empty container under the dispensing head.
- Open the air bleed plugs by pulling up until the plugs touch the bottom of the switch box.
- Reconnect the main power supply to the freezer. Turn the MTS switches to "ON". This will push the sanitizer into the cylinders.
- When sanitizer flows out the bottom of the dispense head, close the air bleed plugs.
- 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.
- Under each Misto® dispense nozzle place an empty container. Push the Misto® switch to "MOM" and hold down while pressing the panel push button. Dispense a quart of sanitizer through each nozzle.
- Drain the solution from the cylinders by slowly pulling down on the dispense handles.
- Leave the handles down, and turn the selector switches to "OFF". Let the MTS force all possible sanitizer out of the freezing cylinders. **NOTE: Some sanitizer will remain in hoses and cylinders.**

Important:

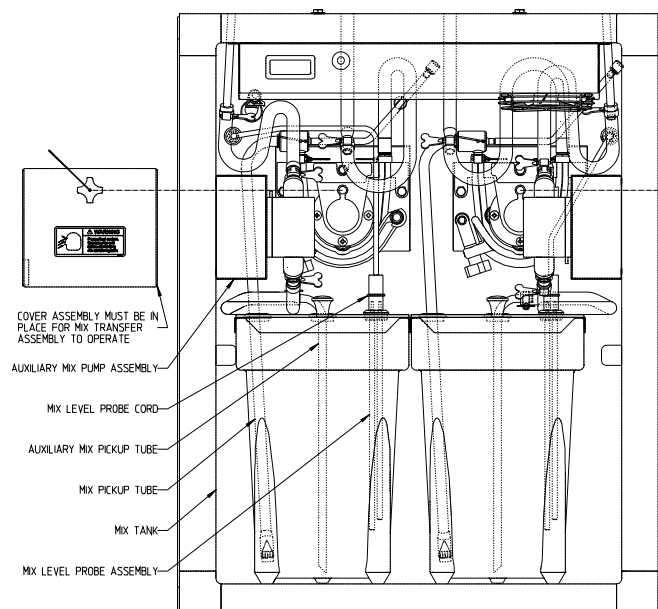
Failure to completely remove sanitizer or water from the freezing cylinder before placing in "AUTO" will damage the freezer.

- Run the Misto® pumps briefly to remove any residual sanitizer from the mix line.
- Turn the MTS switches to "OFF".
- Remove the mix inlet tubes, holding the top 6-inch portion only.
- Remove the mix tanks and empty any remaining sanitizer.

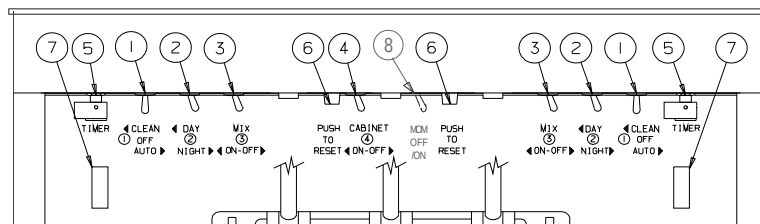
Priming The Freezer

- 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 proper holes in the rear covers 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 holes in the rear covers, 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.
- Place an empty container under the dispensing head on the drip tray.
- Open the plungers and air bleed plugs.

Priming The Freezer (continued)



- Turn the MTS switches to "ON" and allow the mix to push the remaining sanitizer from the cylinders through the plunger openings.



- Close the 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.
- 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".
- Place empty container under Misto® dispense nozzle. Push the Misto® dispense switch to "MOM" and hold down while pressing the Misto® button to force out remaining sanitizer.
- Place Misto® switch in the "ON" position.
- 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

Rita's

ELECTRO FREEZE®

Alphabetized Parts List for Model 88T-RMT

Important: All parts shown are for standard models designed for 230V/1PH/60HZ Water Cooled.

PART DESCRIPTION	PART NUMBER	QTY	SERIAL NUMBER (FROM - TO)
Actuator-Assy. Door Switch	HC118597	1	E2N-1860 —
Adaptor-Overload DIN Rail (Overload Relay)	HC150145	2	E2N-1860 —
Arm-Shoe Pivot (MTS)	HC138797	2	E2N-1860 —
Arm-Swing Clamp	HC138799	2	E2N-1860 —
Belt-V (LH)	HC153167	2	E2N-1860 —
Belt-V (RH)	HC153163	2	E2N-1860 —
Blade-Fan-10-" Dia.-32° A/C	HC159018	2	E2N-1860 —
Blade-Scraper Front (Short)	HC138086	2	E2N-1860 —
Blade-Scraper Rear (Long)	HC138839	2	E2N-1860 —
Block-Fuse Din 5 x20mm	HC150940	3	E2N-1860 —
Block-Insulation (MTS)	HC165524	4	E2N-1860 —
Bottle-Wash 500ML (Plunger and MTS)	HC196103	1	E2N-1860 —
Boot-Mix Tube (Seal)	HC199033	2	E2N-1860 —
Box-Assy. Capacitor & Relay (Complete) (1 Phase-Maneurop Compressor)	HC118647	1	E2N-1860 —
Bracket-Assy. Switch Mtg. (MTS-RMT)	HC118763	2	E2N-1860 —
Bracket-Water Condenser	HC139481	2	E2N-1860 —
Brush-1/4" Dia. x 18-1/2" Overall Length	HC158037	1	E2N-1860 —
Brush-1" Dia. 12" Long	HC158026	1	E2N-1860 —
Brush-4" Cylinder w/o Handle	HC158009	1	E2N-1860 —
Brush-7/16" Dia. 12" Overall Length	HC158018	1	E2N-1860 —
Brush-9/16" Dia. 30" Overall Length	HC158019	1	E2N-1860 —
Bumper-Rubber (Insert-Drip Tray)	HC199030	4	E2N-1860 —
Bushing-Dispense Head	HC138427	2	E2N-1860 —
Bushing (Beater Shaft Seal Washer)	HC133098	2	E2N-1860 —
Button-Overload Reset Adaptor	HC150150	2	E2N-1860 —
Button-Reset (Reset Lever)	HC159036	2	E2N-1860 —
* 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. 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 88T-RMT

Important: All parts shown are for standard models designed for 230V/1PH/60HZ Water Cooled.

PART DESCRIPTION	PART NUMBER	QTY	SERIAL NUMBER (FROM – TO)
Cap-Access Valve (Bristol Compressor)	HC155574	1	E2N-1860 —
Capacitor & Beater Motor-Kit (208/230-1-60) (Franklin Ele. #HC1201007109-Beater Motor)	HC119816	1	E2N-1860 —
Capacitor-Motor Start	HC150294	2	E2N-1860 —
Capacitor-Run	HC150244	1	E2N-1860 —
Capacitor-Run (1 Phase-Bristol Compressor)	HC151463	1	E2N-1860 —
Capacitor-Start (1 Phase-Bristol Compressor)	HC151436	1	E2N-1860 —
Caster-1-1/4" ST PT with Brake	HC162105	2	E2N-1860 —
Caster-1-1/4" ST PT without Brake	HC162106	2	E2N-1860 —
Centrifugal Switch (Beater Motor Kit HC119816) .	HC150877	2	E2N-1860 —
Chart-O-ring (Laminated)	HC184256	1	E2N-1860 —
Clamp-Assy. Soft Hose 5/8 (MTS Hose Assy.)	HC116065	6	E2N-1860 —
Clamp-Hose 1/2 ID Delrin Drain	HC160738	1	E2N-1860 —
Clamp-Ring (Mix Feed Seal Assy.)	HC139353	1	E2N-1860 —
Clamp-Ring Threaded (Mix Feed Seal Assy.)	HC139352	1	E2N-1860 —
Clamp-Shoe Swing (MTS)	HC138798	2	E2N-1860 —
Clip-Retainer (Switch Box)	HC150120	4	E2N-1860 —
Clip-Tube Retainer	HC162324	1	E2N-1860 —
Coil-Evaporator (Cabinet Refrigeration)	HC155111	1	E2N-1860 —
Coil-A/B 208-230v (Replacement coil for Contactor Compressor & Cabinet)	HC150156	1	E2N-1860 —
Coil-A/B 208-230v (Replacement coil for Contactor-Beater Motor)	HC150156	1	E2N-1860 —
Collar-Alignment (Mix Feed Seal Assy.)	HC139351	1	E2N-1860 —
Compressor-Bristol L63A113BBCA (1 Phase)	HC119540	1	E2N-1860 —
Capacitor-Run	HC151463	1	E2N-1860 —
Capacitor-Start	HC151436	1	E2N-1860 —
Relayompressor Start	HC141462	1	E2N-1860 —
Drier-Filter 16 cu. in.	HC155054	1	E2N-1860 —
Valve-Access	HC155419	1	E2N-1860 —
Cap-Access Valve	HC155574	1	E2N-1860 —
* 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. 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 88T-RMT

Important: All parts shown are for standard models designed for 230V/1PH/60HZ Water Cooled.

PART DESCRIPTION	PART NUMBER	QTY	SERIAL NUMBER (FROM - TO)
Condenser-Water	HC155029	1	E2N-1860 —
Connection-CPC 3/8"	IC588111163	4	E2N-1860 —
Connector-3/8 x 90° (MTS-RMT)	HC150705	2	E2N-1860 —
Contactor-IEC 23A 208-230v C (Compressor & Cabinet)	HC150155	1	E2N-1860 —
Contactor-IEC 23A 208-230v C (Beater Motor)	HC150155	2	E2N-1860 —
Cord-Assy. Female Plug (Cabinet Parts)	HC150533	1	E2N-1860 —
Cord-Assy. Male Plug (Cabinet Parts)	HC150532	1	E2N-1860 —
Cordset-Mix Level Probe (Retractable)	HC150537	2	E2N-1860 —
Coupling-Assy. 7/8" Drive (Beater Shaft)	HC111780	2	E2N-1860 —
Cover-Assy. Electric Box	HC117355	1	E2N-1860 —
Cover-Assy. Mix Tank Front (5 Gal. Tank)	HC119995	2	E2N-1860 —
Cover-Assy. RMT CAB	HC119023	2	E2N-1860 —
Cover-Rear Mix Ritas (5 Gal. Tank)	HC140445-01	2	E2N-1860 —
Cup-Overrun Measuring 1 Pint (use with P/N HC158049 scale)	HC158051	*	E2N-1860 —
Cup (Beater Shaft Seal)	HC160557	2	E2N-1860 —
Cut Out-High Pressure	HC155425	1	E2N-1860 —
Cut Out-Pressure Low	HC155403	1	E2N-1860 —
Cylinder-Assy. Complete Misto®	HC118837-01	1	E2N-1860 —
Decal-6" Air Flow	HC165119	1	E2N-1860 —
Decal-Beater Warning	HC165025	1	E2N-1860 —
Decal-Cleaning Instructions	HC164113	1	E2N-1860 —
Decal-Clear Overlay	HC165093	1	E2N-1860 —
Decal-CMT Connection	HC164110	1	E2N-1860 —
Decal-CMT Patent	HC165013	1	E2N-1860 —
Decal-Freedom 360°	HC165191	1	E2N-1860 —
Decal-MTS Trimstrip LH	HC164114	1	E2N-1860 —
* 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. NLA No Longer Required			

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Alphabetized Parts List for Model 88T-RMT

Important: All parts shown are for standard models designed for 230V/1PH/60HZ Water Cooled.

PART DESCRIPTION	PART NUMBER	QTY	SERIAL NUMBER (FROM – TO)
Decal-MTS Trimstrip RH Rita	HC164115-02	1.....	E2N-1860 —
Decal-Operating Instructions	HC164004-01	1.....	E2N-1860 —
Decal-Panel Removal	HC165126	3.....	E2N-1860 —
Decal-Trimstrip EF Logo	HC165147	1.....	E2N-1860 —
Decal-Warning Pressurized	HC165246	2.....	E2N-1860 —
Decal-Warning Rotating Parts	HC165048	2.....	E2N-1860 —
Door-Assy. Complete 24" EF	HC114260-01	1.....	E2N-1860 —
Drier-Filter 16 cu. in.	HC155054	1.....	E2N-1860 —
Duckbill-Inlet RM MTS (Valve)	HC199032-01 .. 2**	E2N-1860 —	
DVD-Training	HC14881-01	1.....	E2N-1860 —
Faceplate-Assy. MTS	HC118764	2.....	E2N-1860 —
Fan-Intake 230v (Evaporator Motor)	HC151105	1.....	E2N-1860 —
Filter-Assy. (Switch Box)	HC116125	1.....	E2N-1860 —
Fuse-5 x 20MM 5A	HC150939	1.....	E2N-1860 —
Fuse-Slow Blow 5x20mm 1.25A	HC150397	2.....	E2N-1860 —
Gasket-Kit Gear Reducer 5/1	HC153072	2.....	E2N-1860 —
Gasket-Magnetic (V-Groove Door)	HC160563-01	1.....	E2N-1860 —
Gasket-Mix Joint (Mix Feed Seal Assy.)	HC160556	1.....	E2N-1860 —
Gauge-Assy. Pressure Test	HC116312	1.....	E2N-1860 —
Gearmotor-24VDC Pump Drive (Auxiliary Misto® Pump)	HC151144	2.....	E2N-1860 —
Gearmotor-Replacement Kit (MTS)	HC119918	2.....	E2N-1860 —
Glass-Sight	HC155059	1.....	E2N-1860 —
Grommet-Rubber 1/2 I.D.	HC199014	1.....	E2N-1860 —
Grommet-Rubber 5/8 I.D.	HC199016	1.....	E2N-1860 —
Guard-Fan Open	HC151076	1.....	E2N-1860 —
* 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. NLA No Longer Required			

**Use only original or authorized replacement parts with this freezer.
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Alphabetized Parts List for Model 88T-RMT

Important: All parts shown are for standard models designed for 230V/1PH/60HZ Water Cooled.

PART DESCRIPTION	PART NUMBER	QTY	SERIAL NUMBER (FROM – TO)
Handle (Cabinet Door)	HC136199	1	E2N-1860 —
Handle-Assy. Dispense Center	HC114808	1	E2N-1860 —
Knob-Ball 3/8-16 THD Black	HC162629	1	E2N-1860 —
Handle-Assy. Dispense Side	HC110007	2	E2N-1860 —
Knob-Ball 3/8-16 THD Black	HC162629	2	E2N-1860 —
Handle-Brush 36" Fiberglass (Use with 4" Brush p/n HC158009)	HC158012	1	E2N-1860 —
Head-Assy. Dispense (Complete)	HC116042	1	E2N-1860 —
Handle-Assy. Dispense Side	HC110007	2	E2N-1860 —
Handle-Assy. Center Dispense	HC114808	1	E2N-1860 —
Head (Only)	HC116041	1	E2N-1860 —
Nozzle-Serrated	HC196185	3	E2N-1860 —
Pin-Handle	HC160269	1	E2N-1860 —
Plug-Air Bleed (Relief)	HC138149	2	E2N-1860 —
Plungerenter Dispense	HC138009	1	E2N-1860 —
Plunger-Side Self Dispense	HC137174	2	E2N-1860 —
O-ring (Head)	HC159309	2	E2N-1860 —
O-ring (Plug)	HC160610	4	E2N-1860 —
O-ring (Plunger)	HC160501	7	E2N-1860 —
Hinge-Pivot 1-3/8" Bottom LH	HC162046	1	E2N-1860 —
Hinge-Pivot 1-3/8" Top LH	HC162045	1	E2N-1860 —
Hose-Assy. Mix Braided (MTS)	HC116094	2	E2N-1860 —
Hose-Transfer Red Line (MTS)	HC138836	2	E2N-1860 —
Indicators-Mix Level (Switch Box)	HC150202	2	E2N-1860 —
Insert-Assy. Drip Tray Ritas	HC117447-01	1	E2N-1860 —
Bumper-Rubber	HC199030	4	E2N-1860 —
Insulator-Expansion Valve	HC165531	3	E2N-1860 —
Key-Drive 3/16" Sq. x 1-1/2"	HC153322	2	E2N-1860 —
Kit-Cover Switch RMT	HC118894	8	E2N-1860 —
Kit-Dispense Head Switch	HC116410	1	E2N-1860 —
* 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. NLA No Longer Required			

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Alphabetized Parts List for Model 88T-RMT

Important: All parts shown are for standard models designed for 230V/1PH/60HZ Water Cooled.

PART DESCRIPTION	PART NUMBER	QTY	SERIAL NUMBER (FROM – TO)
Kit-Gasket Gear Reducer 5/1	HC153072	2	E2N-1860 —
Kit-Gearmotor Replacement Model RMT	HC119918	2	E2N-1860 —
Kit-HPCO 155702 Field	HC120495	2	E2N-1860 —
Kit-LPCO 155701 Field	HC120496	2	E2N-1860 —
Kit-O-ring	HC118897	*	E2N-1860 —
Kit-Pressure Switch Field Repl. (30 psi)	HC118712	*	E2N-1860 —
Kit-Reducer Shaft Seal HCD920	HC116537	*	E2N-1860 —
Kit-RMT Double EF Redline	HC118747	*	E2N-1860 —
Kit-Roller (MTS)	HC116009-01	*	E2N-1860 —
Kit-Solenoid Valve Repair	HC155434	1	E2N-1860 —
Kit-Thermostat CAB (Cabinet)	HC118813	1	E2N-1860 —
Kit-Thermostat & Retainer (Day and Night)	HC119989	4	E2N-1860 —
Kit-Water Valve Repair	HC155444	*	E2N-1860 —
Knob-Ball 3/8-16 Thd. Black (Handle)	HC162629	3	E2N-1860 —
Knob-Cover RMT (w/o Wire)	HC138889	2	E2N-1860 —
Knob-Hand (Dispense Head)	HC162625	4	E2N-1860 —
Knob-Timer (Switch Box)	HC162604	2	E2N-1860 —
Leg-Assy. 6"	HC112978	*	E2N-1860 —
Lever Assy.-Reset	HC118550	2	E2N-1860 —
Light-Indicator "ADD MIX"	HC150540	2	E2N-1860 —
Lubricant-Petrol-Gel 4 oz. Tube	HC158000A	*	E2N-1860 —
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)			
(Franklin Ele. #HC1201007109-motor)	HC119816	1	E2N-1860 —
Capacitor-Motor Start	HC150294	2	E2N-1860 —
Capacitor-Run	HC150244	1	E2N-1860 —
* 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. NLA No Longer Required			

**Use only original or authorized replacement parts with this freezer.
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Alphabetized Parts List for Model 88T-RMT

Important: All parts shown are for standard models designed for 230V/1PH/60HZ Water Cooled.

PART DESCRIPTION	PART NUMBER	QTY	SERIAL NUMBER (FROM – TO)
Motor-Gearmotor 1/8 HP (MTS-RMT)	HC151132	2	E2N-1860 —
MOV-Assy.	HC116188	2	E2N-1860 —
MTS-Assy. (Complete)	HC118751	2	E2N-1860 —
Nameplate-Electro Freeze Large	HC165181	1	E2N-1860 —
Nozzle-Serrated	HC196185	3**	E2N-1860 —
Nut-Assy. Pressure Switch	HC116105	2	E2N-1860 —
Nut-Hex 1/4-20 ZN (Switch Assy.)	HC160104	3	E2N-1860 —
Nut-Hex 3/8-16 sst (MTS)	HC155927	4	E2N-1860 —
Nut-HXSF 1/4-40 SST (MTS)	HC159933	6	E2N-1860 —
Nut-Lock Conduit 1-1/4" (Casters)	HC150736	4	E2N-1860 —
Nut-Speed #10-24 .025-.064 (Dispense and Front Panels)	HC159132	8	E2N-1860 —
Nut-Speed #10-24 .100-.125 (Frame)	HC159067	8	E2N-1860 —
Nut-Speed 1/4-20 (Rear and Side Panels)	HC160114	18	E2N-1860 —
O-Ring (Beater Shaft Seal)	HC160500	2**	E2N-1860 —
O-Ring (Head)	HC159309	1**	E2N-1860 —
O-Ring (Swing Clamp MTS-RMT)	HC160628	1**	E2N-1860 —
O-Ring (Plug)	HC160610	4**	E2N-1860 —
O-Ring (Plunger)	HC160501	8**	E2N-1860 —
O-Ring (Roller Shoe MTS-RMT)	HC160612	1**	E2N-1860 —
O-Ring (Tube-Assy. Inlet)	HC160502	1**	E2N-1860 —
Oil-Special Gear Lube 460 (PAG)(Per Quart)	HC158063	*	E2N-1860 —
Overload Block	See "Relay-Assy. Overload"		
Pan-Assy. Condensate	HC116560	1	E2N-1860 —
Panel-Assy. Front Misto®	HC117441-02	1	E2N-1860 —
Panel-Assy. Top	HC118001	1	E2N-1860 —
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Alphabetized Parts List for Model 88T-RMT

Important: All parts shown are for standard models designed for 230V/1PH/60HZ Water Cooled.

PART DESCRIPTION	PART NUMBER	QTY	SERIAL NUMBER (FROM – TO)
Panel-Dispense Misto®	HC139194-04	1	E2N-1860 —
Panel-Rear	HC139196	1	E2N-1860 —
Panel-Side LH	HC139198	1	E2N-1860 —
Panel-Side RH	HC139197	1	E2N-1860 —
Pickup Tube-Assy. Mix	see "Tube-Assy. Pickup"		
Pin-Dowel 1/4" Dia x 3/4" SST (MTS-RMT)	HC160338	2	E2N-1860 —
Pin-Handle	HC160269	1	E2N-1860 —
Plate-Back MTS	HC139746	2	E2N-1860 —
Plate-Switch	HC140701	3	E2N-1860 —
Plug-Air Bleed	HC138149	2	E2N-1860 —
Plug-Button Flush Type	HC162006	4	E2N-1860 —
Plunger-Dispense, Center	HC138009	1	E2N-1860 —
Plunger-Side Self Dispense	HC137174	2	E2N-1860 —
Port-Assy. Inlet Mix/Air	HC118765	1	E2N-1860 —
Probe-Assy. Mix Level 10-3/4"	HC115397	2	E2N-1860 —
Pull-Door (Handle)	HC136199	1	E2N-1860 —
Pulley	See "Sheave"		
Pump-Assy. Aux Mix	HC120481	2	E2N-1860 —
Pumphead-Watso. Marlow	IC570100148	2	E2N-1860 —
Push Rod-Assy. Plunger Switch	HC116089	3	E2N-1860 —
Receiver-3 lb 3/8 ID Sweat w/o Valve	HC155071	1	E2N-1860 —
Receptacle-Molded Level Sensor	HC150536	2	E2N-1860 —
Reducer-Gear LH 5/1 HCD	HC153360	1	E2N-1860 —
Reducer-Gear RH 5/1 HCD	HC153361	1	E2N-1860 —
Relay-Assy. Overload 1 Phase 5-15A	HC118359	1	E2N-1860 —
Adaptor-Overload Din Rail	HC150145	1	E2N-1860 —
Button-Overload Reset Adaptor	HC150150	1	E2N-1860 —
Relay-SS Overload 1 Phase 5-15A	HC150140	1	E2N-1860 —
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Alphabetized Parts List for Model 88T-RMT

Important: All parts shown are for standard models designed for 230V/1PH/ 60HZ Water Cooled.

PART DESCRIPTION	PART NUMBER	QTY	SERIAL NUMBER (FROM – TO)
Relay-Control Flange DPDT 24VDC	HC150617	2	E2N-1860 —
Relay-Flange Base w/Cover (DPDT)	HC150381	4	E2N-1860 —
Relay-Flange Base w/Cover (3PDT)	HC150380	2	E2N-1860 —
Relay-Compressor Start (1 Phase-Bristol Compressor)	HC141462	1	E2N-1860 —
Ring-Retaining 5/8 Ext SST (Mix Feed Seal Assy.)	HC160312	2	E2N-1860 —
Roller-Assy. Kit (MTS)	HC116009-01	2	E2N-1860 —
Sanitizer-Stera Sheen 4 lb. Jar	HC158014A	*	E2N-1860 —
Scale-Overrun Z32	HC158049	*	E2N-1860 —
Screw-HSHM 1/4 -20 x 2-1/2 ZN (Switch Assy.)	HC159965	3	E2N-1860 —
Screw-HXHC 1/4-20 x 2-1/2 SST MTS-RMT)	HC160464	4	E2N-1860 —
Screw-HXHC 1/4-20 x 3-1/2 SST(MTS-RMT)	HC160465	2	E2N-1860 —
Screw-HXSF 1/4 -20 x 11/16 SST(MTS-RMT)	HC159939	4	E2N-1860 —
Screw-RDHM #4-40 x 1/4 STL (MTS-RMT)	HC160357	4	E2N-1860 —
Screw-RHMS 1/4-28 x 2-1/4 SST(MTS-RMT)	HC160093	8	E2N-1860 —
Screw-SK Set 5/16:-18 x 3/8	HC160033	2	E2N-1860 —
Screw-SKHC #6-32 x 1 BKOX (Switch Assy.)	HC160381	6	E2N-1860 —
Screw-SKHC #10-24 x 1-3/4 SST (Mix Feed Seal Assy.)	HC160320	3	E2N-1860 —
Screw-TRPM #10-24 x 1/2 SST (Dispense and Front Panels, Trimstrip)	HC160076	16	E2N-1860 —
Screw-TRPM #10-24 x 3/8 SST (Top Panel)	HC160305	4	E2N-1860 —
Screw-TRPM 1/4 x 20 x 1/2 SST (Rear Panel)	HC160048	6	E2N-1860 —
Screw-TRPM 1/4 x 20 x 1 SST (Side Panel)	HC159219	12	E2N-1860 —
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Alphabetized Parts List for Model 88T-RMT

Important: All parts shown are for standard models designed for 230V/1PH/60HZ Water Cooled.

PART DESCRIPTION	PART NUMBER	QTY	SERIAL NUMBER (FROM – TO)
Seal-Assy. Shaft	HC111875	2**	E2N-1860 —
O-Ring	HC160500	2**	E2N-1860 —
Seal-Beater Shaft (Cup)	HC160557	2**	E2N-1860 —
Washer-Shaft Seal (Bushing)	HC133098	2**	E2N-1860 —
Seal-Kit Reducer Shaft HCD920	HC116537	2	E2N-1860 —
Sealant-Clear Silicone	HC162509-01	*	E2N-1860 —
Sealant-Gray Silicone	HC162513-01	*	E2N-1860 —
Sensor-10K Thermistor	HC161216	2	E2N-1860 —
Shaft-Assy. Beater	HC117080	2	E2N-1860 —
Sheave-5/8 Bore 7.25 OD (Driven)	HC153602	1	E2N-1860 —
Sheave-7/8 Bore 2.25 OD (Driver)	HC153611	1	E2N-1860 —
Shield-Drip (MTS)	HC139756	2	E2N-1860 —
Shoe-Roller (MTS)	HC139751	2	E2N-1860 —
Shroud-Assy. Evaporator (Cabinet)	HC117443-01	1	E2N-1860 —
Coil-Evaporator	HC155111	1	E2N-1860 —
Cord-Assy. Male Plug	HC150532	1	E2N-1860 —
Fan-Intake (Cabinet)	HC151105	1	E2N-1860 —
Guard-Fan Open	HC151076	1	E2N-1860 —
Switch Door Push Button	HC150509	1	E2N-1860 —
Thermometer-Barrel	HC161004	1	E2N-1860 —
Sleeve-Cable Stop 3/64 (MTS-RMT Cover)	HC160508	4	E2N-1860 —
Socket-Octal Terminal (Switch Box)	HC150119	2	E2N-1860 —
Spacer-Motor (MTS-RMT)	HC138793	8	E2N-1860 —
Spacer-Panel	HC138456	18	E2N-1860 —
Spacer-Swing Arm (MTS-RMT)	HC138800	4	E2N-1860 —
Spring-Compression (Plunger Switch)	HC162323	3	E2N-1860 —
Spring-Pivot Hinge LH	HC162052	1	E2N-1860 —
Stud-Assy. Cylinder 3-5/16"	HC114341-05	4	E2N-1860 —
Support-Roller Bearing (MTS-RMT)	HC138783-01	2	E2N-1860 —
Switch-Assy. Center Self Closing Plunger	HC114178-01	1	E2N-1860 —
Spring-Compression	HC162323	1	E2N-1860 —
Switch-Roller Actuator DPDT	HC150478	1	E2N-1860 —
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Alphabetized Parts List for Model 88T-RMT

Important: All parts shown are for standard models designed for 230V/1PH/60HZ Water Cooled.

PART DESCRIPTION	PART NUMBER	QTY	SERIAL NUMBER (FROM – TO)
Switch-Assy. Self Closing Plunger (Sides)	HC114176-01	2	E2N-1860 —
Spring-Compression	HC162323	2	E2N-1860 —
Switch-Roller Actuator SPDT	HC150477	2	E2N-1860 —
Switch-Assy. Kit Pressure (MTS)	HC118712	1	E2N-1860 —
Switch-Centrifugal	HC150877	2	E2N-1860 —
Switch-Cover RMT Freezer Kit	HC118894	2	E2N-1860 —
Switch-Door Push Button	HC150509	1	E2N-1860 —
Switch-Kit Dispense Head	HC116410	2	E2N-1860 —
Switch-Roller Actuator DPDT (Center Plunger)	HC150478	1	E2N-1860 —
Switch-Roller Actuator SPDT (Side Plungers)	HC150477	2	E2N-1860 —
Switch-Toggle 4PDT Center Off (Selector)(Switch Box)	HC150436	2	E2N-1860 —
Switch-Toggle MOM/OFF/ON SPDT (Mix Dispense Switch)	HC150429	1	E2N-1860 —
Switch-Toggle SPST (MTS)(Switch Box)	HC159235	2	E2N-1860 —
Switch-Toggle SPST (DAY/NIGHT)(Switch Box)	HC159235	2	E2N-1860 —
Switch-Toggle SPST (Cabinet)(Switch Box)	HC159235	1	E2N-1860 —
Tank-Mix 5 Gal.(8-9/16" wide x 14-1/16" deep)	HC196255	2	E2N-1860 —
Thermometer-Barrel (Cabinet)	HC161004	1	E2N-1860 —
Thermostat-Kit CAB (Cabinet)	HC118813	1	E2N-1860 —
Thermostat & Retainer-Kit (Day and Night)	HC119989	4	E2N-1860 —
Timer-5-60 Delay on Break (Switch Box)	HC150252-01	2	E2N-1860 —
Timer-12 Sec. Delay on Break (Switch Box)	HC150208	2	E2N-1860 —
Timer-5 Minute (Switch Box)	HC150218	1	E2N-1860 —
Timer-Multi Function 23-240v SPDT 16A			
Tool-O-Ring Removal	HC169374	*	E2N-1860 —
Tool-Pressure Switch Installation	HC117013	*	E2N-1860 —
Tray-Drip-24" Black	HC196107	1	E2N-1860 —
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Alphabetized Parts List for Model 88T-RMT

Important: All parts shown are for standard models designed for 230V/1PH/60HZ Water Cooled.

PART DESCRIPTION	PART NUMBER	QTY	SERIAL NUMBER (FROM – TO)
Trimstrip-Assy. EF Decal 24"	HC117442	1	E2N-1860 —
Tube-Air 7-1/2" (MTS Hose Assy.)	HC138170-02	2	E2N-1860 —
Tube-Assy. Drain 14-1/4"	HC115004	1	E2N-1860 —
Tube-Assy. Mix Pickup (2 piece)	HC118842	1	E2N-1860 —
Clip-Tube Retainer	HC162324	1	E2N-1860 —
O-ring	HC160502	1	E2N-1860 —
Port-Assy. Inlet Mix/Air	HC118765	1	E2N-1860 —
Tube-Assy. Mix Inlet	HC118836	1	E2N-1860 —
Tube-Assy. Peristaltic Pump (Misto®)	IC157245040	2	E2N-1860 —
Tube-Aux. Mix Pickup	HC140690	2	E2N-1860 —
Tube-Dispense Rita	HC140698	2	E2N-1860 —
Tube-Drain Support	HC139384	1	E2N-1860 —
Tube-Mix Feed Clamp (Mix Feed Seal Assy.)	HC139797	2	E2N-1860 —
Tubing-3/8 ID x 1/8 Wall Inner Braid (Cabinet)	HC196057-01		
Tubing (Misto®)	HC196057-014 Feet ...		E2N-1860 —
Valve-Access (Bristol Compressor)	HC155419	1	E2N-1860 —
Valve-Assy. Water	HC113769	2	E2N-1860 —
Valve-Water 3/8"	HC155410	2	E2N-1860 —
Valve-Check 1/2 OD Sweat (Refrigeration)	HC155409	2	E2N-1860 —
Valve-Duckbill Inlet	HC199032	2	E2N-1860 —
Valve-Expansion Automatic (Cabinet)	HC155449	1	E2N-1860 —
Valve-Expansion Automatic (Cylinder)	HC155490	2	E2N-1860 —
Valve-Solenoid	HC155421	3	E2N-1860 —
Valve-Solenoid Kit	HC155434	*	E2N-1860 —
Valve-Water Repair Kit	HC155444	*	E2N-1860 —
Washer-Spring Wave (MTS)	HC160173	2	E2N-1860 —
Washer-Flat #6 Brass (MTS)	HC160393	4	E2N-1860 —
Washer-Flat 3/8 SST (MTS)	HC160169	4	E2N-1860 —
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