



H. C. DUKE & SON, INC.

2116 - 8th Avenue • East Moline, Illinois 61244

REPLACEMENT PARTS MANUAL
with Illustrations



Arctic Rush®

Model 195

with Power Monitor

184640-01 11/10

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 orders by phone, FAX, letter or e-mail to:

H. C. Duke & Son, Inc.
Service Department
2116 - 8th Avenue
East Moline, IL 61244

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

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E-mail: service@hcduke.com



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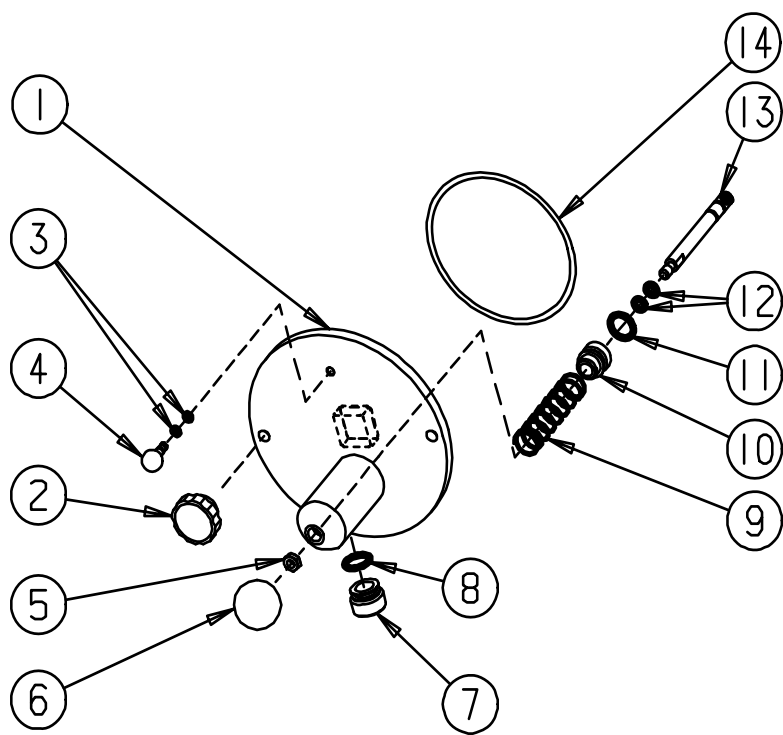


Figure 1 Door (Head) Assembly

Item	Part No.	Description
*	HC117897	Door (Head)-Assy. Complete
1	HC119674	Door (Head)- Assy. Pull Valve (Door ONLY)
2	HC162634	Knob-Fluted Torque Black 3/8-16 (Hand)
2A	HC114341	Stud-Assy. Cylinder 1-15/16 in. (not shown)
3	HC160561	O-Ring (Plug)
4	HC115416	Plug-Assy. Air Bleed
5	HC139274	Nut-Piston Rod
6	HC162629	Knob-Ball 3/8-10 THD Black
7	HC136249-01	Outlet-Valve (Nozzle)
8	HC160582	O-Ring (Outlet Valve)
9	HC162319	Spring-Pull Valve
10	HC136253	Piston-Valve
11	HC160582	O-Ring (Plunger)
12	HC160610	O-Ring (Rod)
13	HC113999	Rod-Assy. Piston
14	HC160504	Gasket

* Includes all items above except item #2 and 2A.

Not Shown:

HC116410 Kit-Dispense Head Switch

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

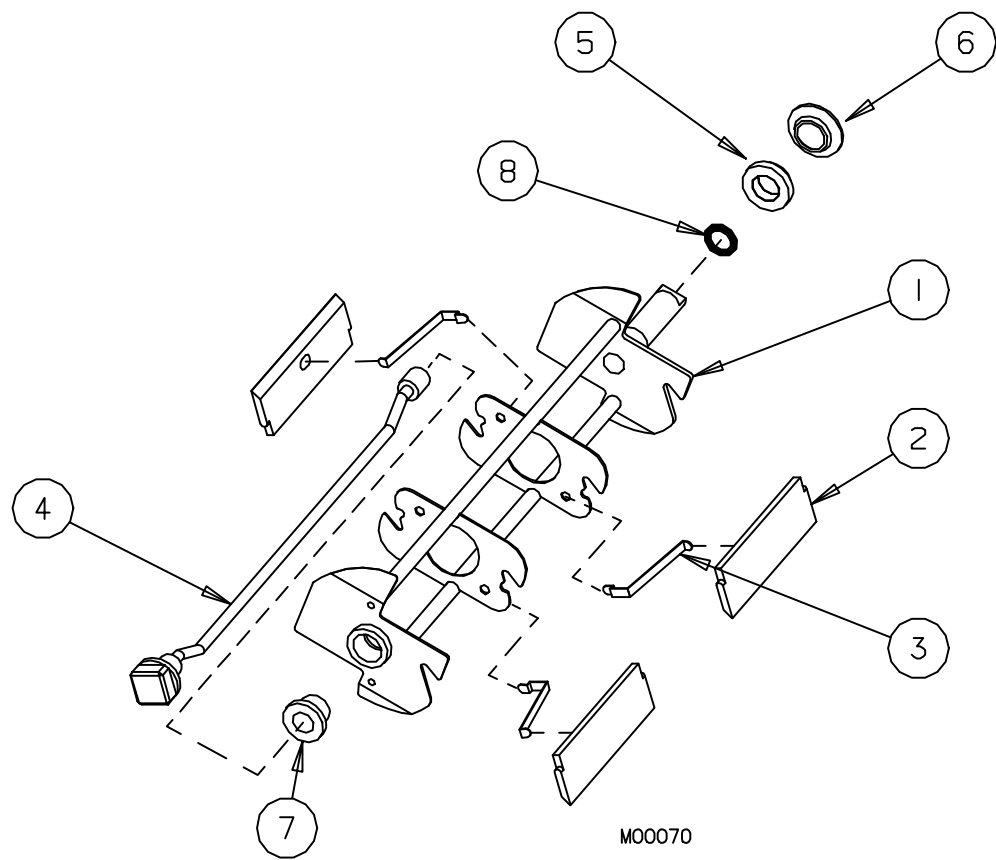
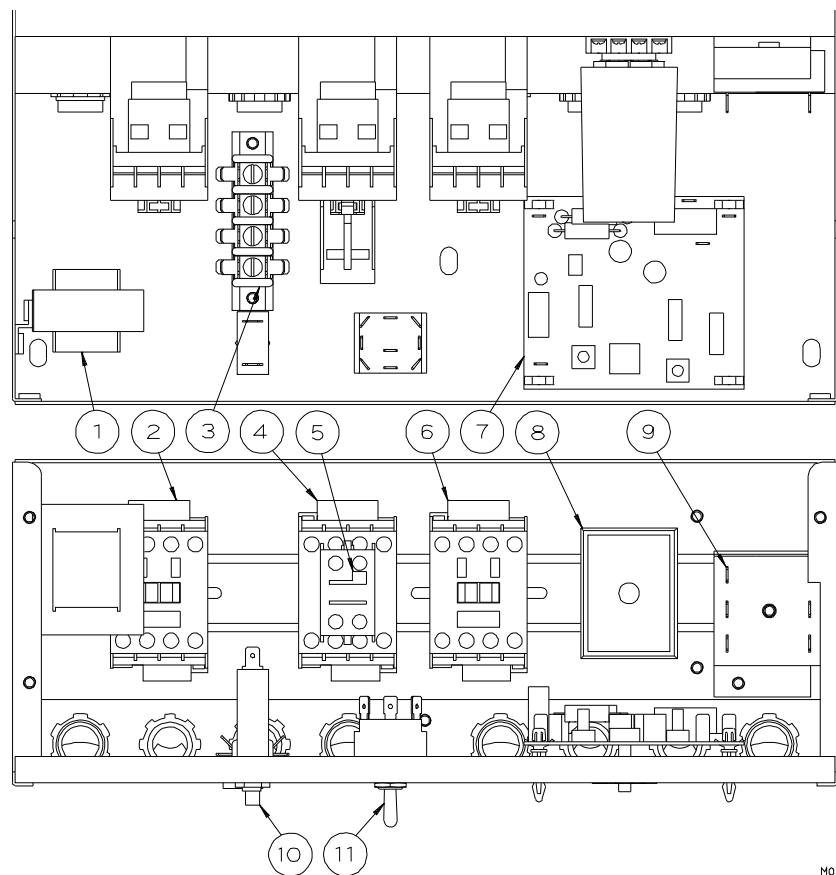


Figure 2 Beater Shaft Assembly

Item	Part No.	Description
1	HC118786	Reel-Assy. 6 in. Dia 26 in. Long (Beater Shaft)
2	HC139771	Blade-Scraper
3	HC134649	Spring-Blade
4	HC118784	Breaker-Assy.
5*	HC139006	Washer-Shaft Seal
6*	HC160557	Seal-Beater Shaft
7	HC138947	Bushing-Reel (Shaft)
8	HC160597	Quad Ring

* Can be ordered together as:
 HC117215 Seal-Assy. Shaft

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N01677

Figure 3 Electrical Box

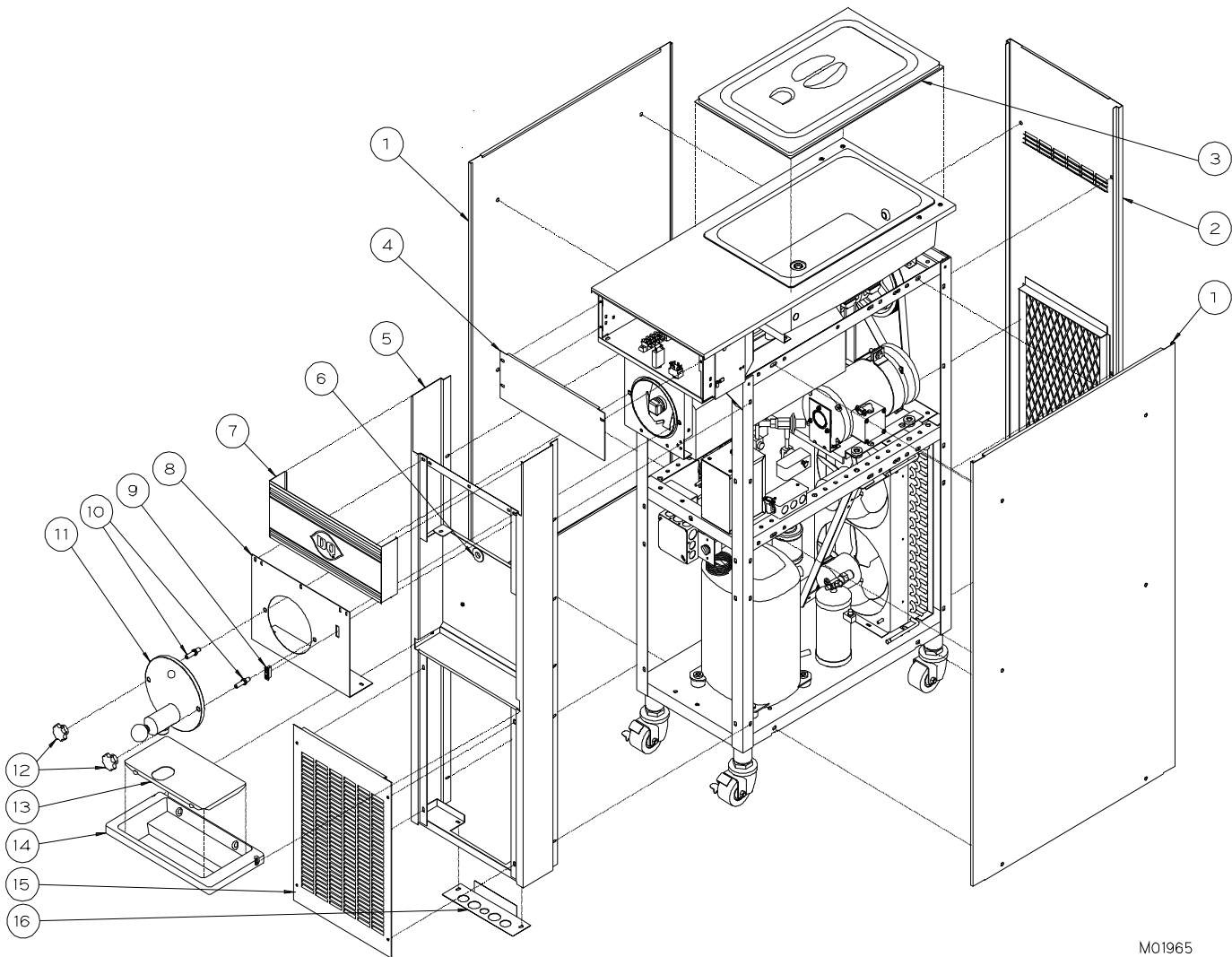
Item	Part No.	Description
1	HC150184	Transformer-Auto 230/115v 20VA
2	HC150155	Contacteur-IEC 23A 208-230V C (Beater)
2A	HC150156	Coil-A/B 208-230V (Replacement) (not shown)
3	HC150795	Strip-Terminal
4	HC150155	Contacteur-IEC 23A 208-230V C (Compressor)
4A	HC150156	Coil-A/B 208-230V (Replacement) (not shown)
5	HC150146	Deck-Adder 1 NO 1 NC
6	HC150155	Contacteur-IEC 23A 208-230V C (Hopper)
6A	HC150156	Coil-A/B 208-230V (Replacement) (not shown)
7	HC119538	Kit-Slush Power Monitor
7A	HC150927	Support-5/8 Circuit Board
8	HC150202	Indicator-Mix Level
8A	HC150119	Socket-Octal
8B	HC150120	Clip-Retainer (Set of 2)
8C	HC150540	Light-Indicator
9	HC150252-01	Timer-.5-60 Delay on Break 230
10	HC150472	Breaker-Circuit 2.5 Amps*
11	HC150465	Switch-Toggle 3PDT CTR OFF (Selector)

* Check amperage marked on circuit breaker — if different than 2.0 or 2.5 Amps-call to get proper part. 2.0 Amps replaced by 2.5 Amps.

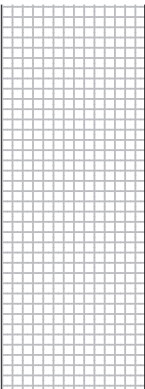
**Use only original or authorized replacement parts with this freezer.
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**Figure 4 Panels - Air Cooled &
Air Cooled Remote (Page 1 of 2)**



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**Use only original or authorized replacement parts with this freezer.
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Figure 4 Panels - Air Cooled & Air Cooled Remote (Page 2 of 2)

Item	Part No.	Description
1	HC132277-C	Panel-Side
2	HC118788	Panel-Assy. Rear (Air Cooled)
2A	HC140258	Panel-Upper Rear 16 inch (Air Cooled Remote)(Not Shown)
2B	HC140259	Panel-Lower Rear (Air Cooled Remote)(Not Shown)
3	HC196121	Cover-Hopper
4	HC116357	Cover-Assy. Electrical Box
5	HC116994	Panel-Assy. Front HC159175 ... Catch-Bullet .268 OD x .343 ST (Drip Tray) HC160289 ... Nut-Push Round .265
6	HC159063	Grommet-Rubber 1-5/8 OD x 3/4 ID x 1-1/4 GRV
7	HC119336-05	Trimstrip-Assy. 16 in. IDQ Power Monitor
8	HC137224-01	Panel-Dispense
9	HC150540	Light-Indicator 230v (Optional)
10	HC114341	Stud-Assy. Cylinder 1-15/16
11	HC117897	Door(Head)-Assy. Complete (See Figure 1)
12	HC162634	Knob-Fluted Torque Black 3/8-16
13	HC116980	Insert-Assy. Drip Tray HC199030 ... Bumper-Rubber
14	HC196119-01	Tray-Drip 16 in. White
15	HC136944	Panel-Lower Front 16 in.
16	HC132683	Panel-Service

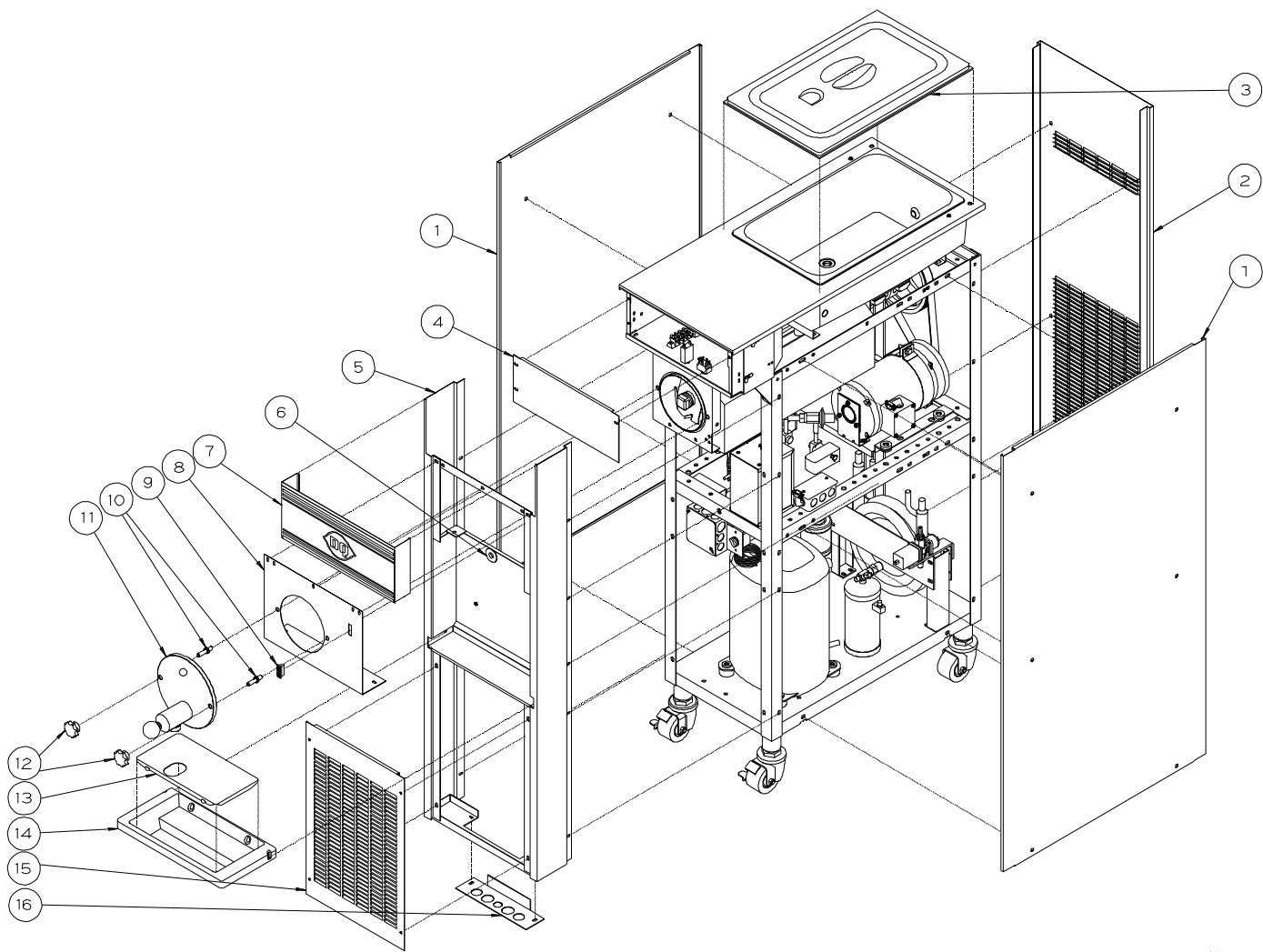
LH = Left hand side of the freezer facing the front of the freezer.

RH = Right hand side of the freezer facing the front of the freezer.

Panel Decals & Labels	
Part No.	Description
HC165119	6" Air Flow
HC165025	Beater Warning
HC165065	Cleaning Instructions
HC165091	Clear Overlay
HC165061	Logo
HC165126	Panel Removal
HC164081	Label-Trimstrip

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	HC160117	n/a	n/a
Side	HC159219	HC160114	HC138456	n/a
Trimstrip	HC160076	n/a	n/a	n/a
n/a – Not Applicable				

Figure 5 Panels - Water Cooled (Page 1 of 2)



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Figure 5 Panels - Water Cooled (Page 2 of 2)

Item	Part No.	Description
1	HC132277-C	Panel-Side
2	HC139856	Panel-Rear
3	HC196121	Cover-Hopper
4	HC116357	Cover-Assy. Electrical Box
5	HC116994	Panel-Assy. Front
	HC159175	... Catch-Bullet .268 OD x .343 ST (Drip Tray)
	HC160289	... Nut-Push Round .265
6	HC159063	Grommet-Rubber 1-5/8 OD x 3/4 ID x 1-1/4 GRV
7	HC119336-05	Trimstrip-Assy. 16 in. IDQ Power Monitor
8	HC137224-01	Panel-Dispense
9	HC150540	Light-Indicator 230v (Optional)
10	HC114341	Stud-Assy. Cylinder 1-15/16
11	HC117897	Door(Head)-Assy. Complete (See Figure 1)
12	HC162634	Knob-Fluted Torque Black 3/8-16
13	HC116980	Insert-Assy. Drip Tray
	HC199030	... Bumper-Rubber
14	HC196119-01	Tray-Drip 16 in. White
15	HC136944	Panel-Lower Front 16 in.
16	HC132683	Panel-Service

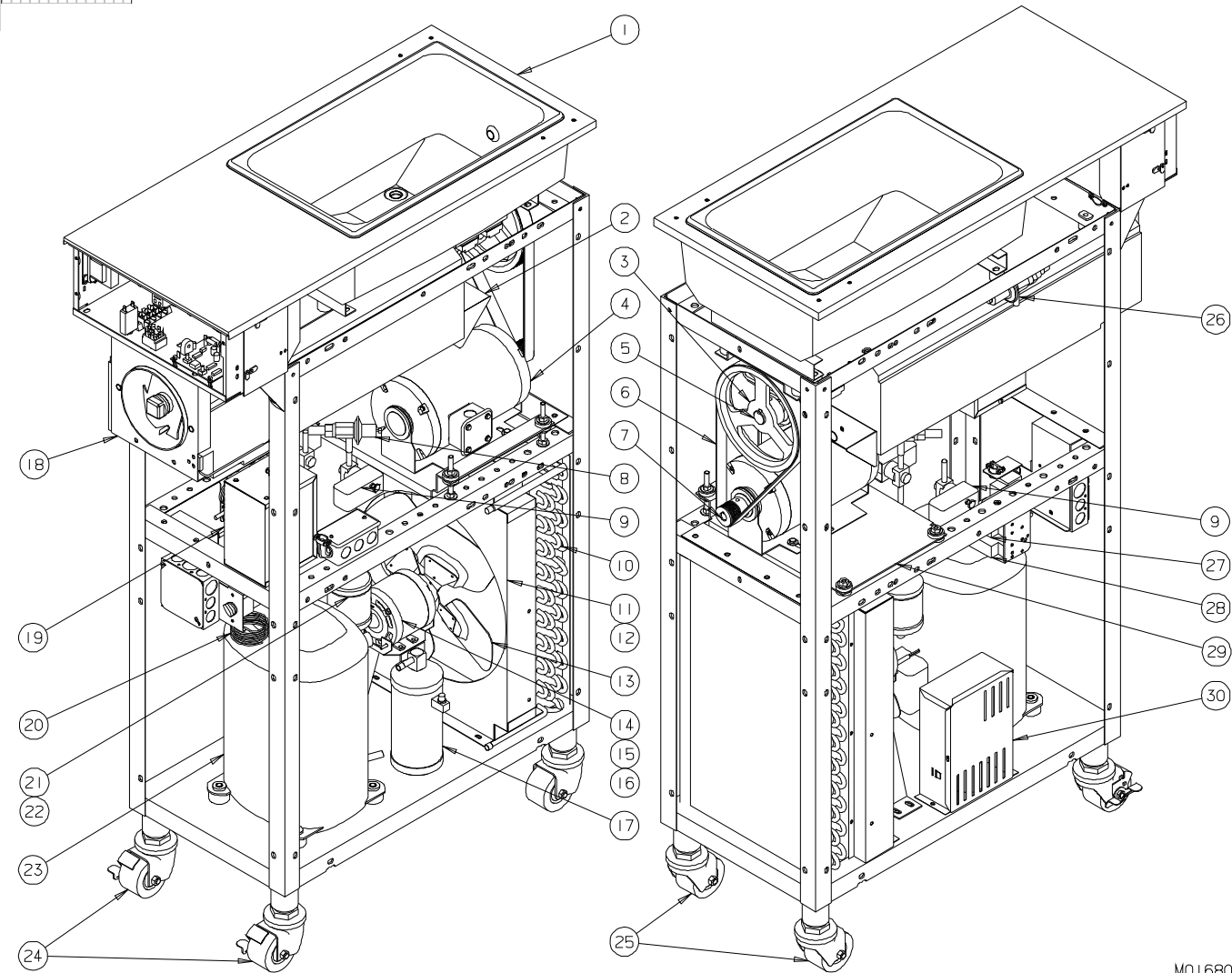
LH = Left hand side of the freezer facing the front of the freezer.

RH = Right hand side of the freezer facing the front of the freezer.

Panel Decals & Labels	
Part No.	Description
HC165119	6" Air Flow
HC165025	Beater Warning
HC165065	Cleaning Instructions
HC165091	Clear Overlay
HC165061	Logo
HC165126	Panel Removal
HC164081	Label-Trimstrip

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	HC160117	n/a	n/a
Side	HC159219	HC160114	HC138456	n/a
Trimstrip	HC160076	n/a	n/a	n/a
n/a – Not Applicable				

Figure 6 Assembly Views Air Cooled & Air Cooled Remote (Page 1 of 2)



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Item	Part No.	Description
1	HC118783	Panel-Assy. Hopper & Top
2	HC119290	Tube-Assy. Drain
3	HC153644	Sheave-1 Bore 8.00 OD/PD (Driven)
3A	HC153323	Key-Drive 1/4 SQ x 1-1/2
4	HC120117	Kit-Motor & Capacitors 1/2 HP Nema 208-230
	HC150293	Capacitor-Run
	HC150294	Capacitor-Start
5		Drive Shaft & Bearing Assy. (See Figure 8)
6	HC153124	Belt-Poly V
7	HC140478	Sheave-Drive 1.480 PD J10 (Driver)
7A	HC160495	Screw-SK Set 1/4-20 x 1/4 BKOX
8	HC155490	Valve-Automatic Expansion (Cylinder)
8A	HC165531	Insulator-Expansion Valve

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Figure 6 Assembly Views Air Cooled & Air Cooled Remote (Page 2 of 2)

Item	Part No.	Description	
9	HC155488	Valve-Solenoid 208/230v	
9A	HC151477	Coil-Solenoid Field 208-240v MKC-1TS	
10	HC155125	Condenser-Air (Air Cooled)	
11	HC118787	Shroud-Assy. Condenser (Air Cooled)	
12	HC137373	Baffle-Air Condenser (Air Cooled)	
13	HC159021	Blade-Fan 14 in. 20° (Air Cooled)	
14	HC151084	Motor-Fan 1/10 hp 208-230-1-50/60 (Air Cooled)	
15	HC139235	Bracket-Fan Motor Support (Bottom) (Air Cooled)	
16	HC117471	Bracket-Assy. Fan (Top) (Air Cooled)	
17	HC155071	Receiver-3 lb. 3/8 ID Sweat w/o Valve (Air Cooled)	
or	HC155064	Receiver-10-1/2 lb. 3/8 ID Sweat (Air Cooled Remote)(Not Shown)	
18	HC118779	Cylinder-Assy. Complete	
19	-----	Box-Assy. Capacitor & Relay (Motor)	
		HC150293	Capacitor-Run
		HC150294	Capacitor-Start
20	HC161202	Thermostat-5° Fixed Differential	
21	HC155054	Drier-Filter 16 cu in	
22	HC155059	Glass-Sight	
23	HC118234	Compressor-Assy. 208-230-1-60 AV includes compressor and:	
		HC150398	Capacitor-Start
		HC150399	Capacitor-Run
		HC155054	Drier-Filter 16 cu in
		HC150401	Relay
		HC155419	Valve-Access
23A	HC151433	Grommet-Compressor Mtg.	
23B	HC151434	Sleeve-Compressor Mtg.	
24	HC162133	Caster-Low Profile w/Brake	
24A	HC150736	Nut-Lock Conduit 1-1/4	
25	HC162134	Caster-Low Profile w/o Brake	
25A	HC150736	Nut-Lock Conduit 1-1/4	
26	HC155449	Valve-Automatic Expansion (Hopper)	
26A	HC165531	Insulator-Expansion Valve	
27	HC155450	Cut Out-High Pressure 450 PSI	
28	HC155703	Cut Out-Low Pressure 0 PSIG (Air Cooled)	
or	HC155705	Cut Out-Low Pressure 2 IN HG (Air Cooled Remote)(Not Shown)	
29	HC140479	Plate-Motor Adj.	
30	HC151362	Box-Assy. Capacitor & Relay	
		HC150398	Capacitor-Start
		HC150399	Capacitor-Run
		HC150401	Relay
30A	HC117821	Cover-Assy. Capacitor & Relay Box	

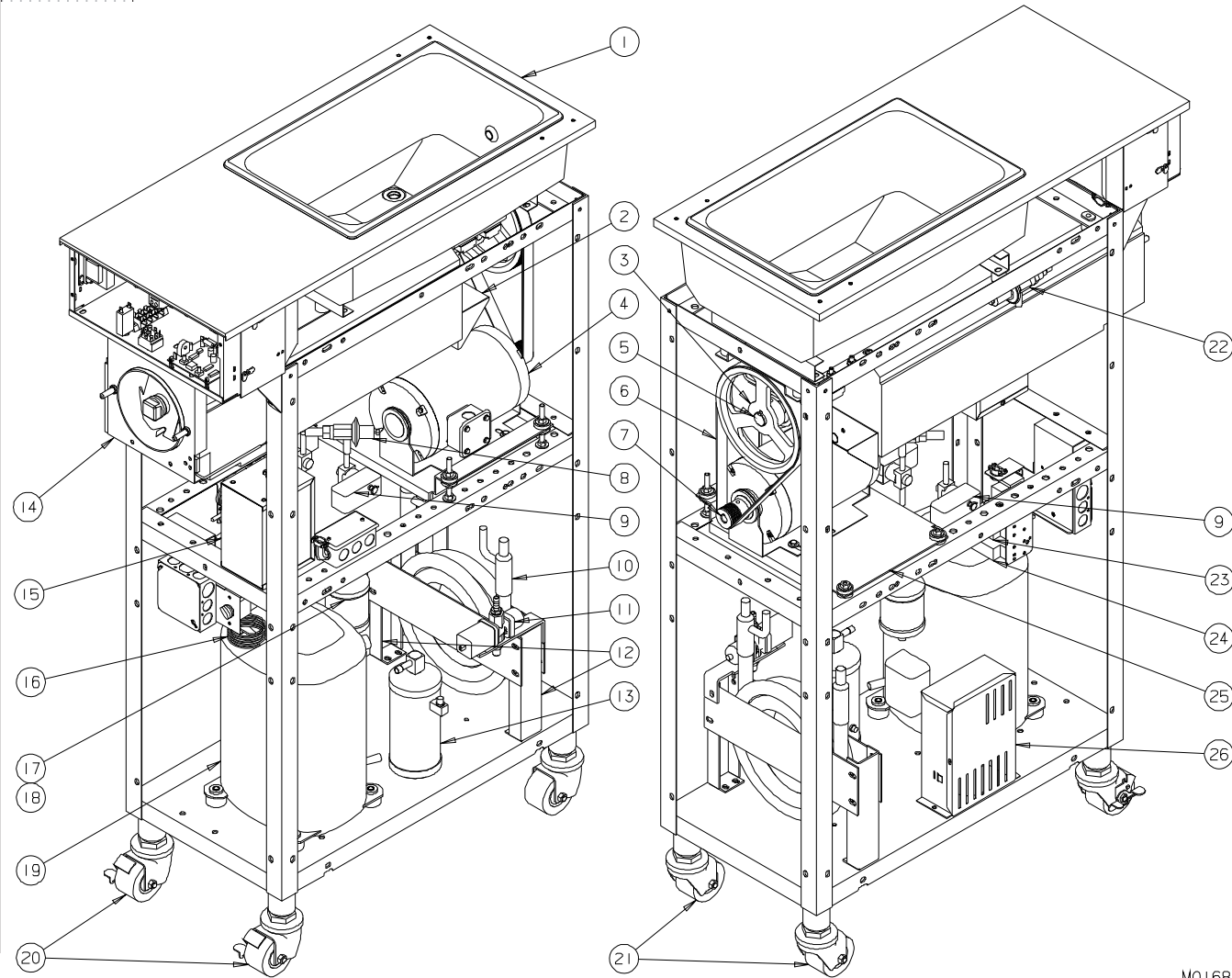
Not Shown:

HC116410	Kit-Dispense Head Switch
HC112978	Leg-Assy. Six Inch
HC155419	Valve-Access (Air Cooled)
HC155497	Valve-Access 3/16" w/ 1/4 & 3/8 Step

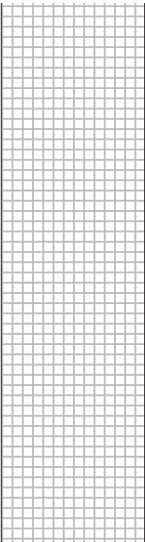
Use only original or authorized replacement parts with this freezer.
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Figure 7 Assembly Views Water Cooled (Page 1 of 2)



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Item	Part No.	Description
1	HC118783	Panel-Assy. Hopper & Top
2	HC119290	Tube-Assy. Drain
3	HC153644	Sheave-1" Bore 8.00 OD/PD (Driven)
3A	HC153323	Key-Drive 1/4 SQ x 1-1/2
4	HC120117	Kit-Motor & Capacitors 1/2 HP Nema 208-230
	HC150293	Capacitor-Run
	HC150294	Capacitor-Start
5		Drive Shaft & Bearing Assy. (See Figure 8)
6	HC153124	Belt-Poly V
7	HC140478	Sheave-Drive 1.480 PD J10 (Driver)
7A	HC160495	Screw-SK Set 1/4-20 x 1/4 BKOX

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Figure 7 Assembly Views Water Cooled (Page 1 of 2)

Item	Part No.	Description
8	HC155490	Valve-Automatic Expansion (Cylinder)
8A	HC165531	Insulator-Expansion Valve
9	HC155488	Valve-Solenoid 208/230v
9A	HC151477	Coil-Solenoid Field 208/240v MKC-1TS
10	HC155030	Condenser-Water
11	HC112080	Valve-Assy. Water includes HC155410 Valve-Water 3/8
11A	HC155444	Kit-Water Valve Repair
12	HC139813	Bracket-Water Condenser
13	HC155071	Receiver-3 lb. 3/8 ID Sweat w/o Valve
14	HC118779	Cylinder-Assy. Complete
15	----	Box-Assy. Capacitor & Relay (Motor) HC150293 Capacitor-Run HC150294 Capacitor-Start
16	HC161202	Thermostat-5° Fixed Differential
17	HC155054	Drier-Filter 16 cu in
18	HC155059	Glass-Sight
19	HC118234	Compressor-Assy. 208-230-1-60 AV includes compressor and: HC150398 Capacitor-Start HC150399 Capacitor-Run HC155054 Drier-Filter 16 cu in HC150401 Relay HC155419 Valve-Access
19A	HC151433	Grommet-Compressor Mtg.
19B	HC151434	Sleeve-Compressor Mtg.
20	HC162133	Caster-Low Profile w/Brake
20A	HC150736	Nut-Lock Conduit 1-1/4
21	HC162134	Caster-Low Profile w/o Brake
21A	HC150736	Nut-Lock Conduit 1-1/4
22	HC155449	Valve-Automatic Expansion (Hopper)
22A	HC165531	Insulator-Expansion Valve
23	HC155702	Cut Out-High Pressure 375 PSI
24	HC155703	Cut Out-Low Pressure 0 PSIG
25	HC140479	Plate-Motor Adj.
26	HC151362	Box-Assy. Capacitor & Relay HC150398 Capacitor-Start HC150399 Capacitor-Run HC150401 Relay
26A	HC117821	Cover-Assy. Capacitor & Relay Box

Not Shown:

HC116410

Kit-Dispense Head Switch

HC112978

Leg-Assy. Six Inch

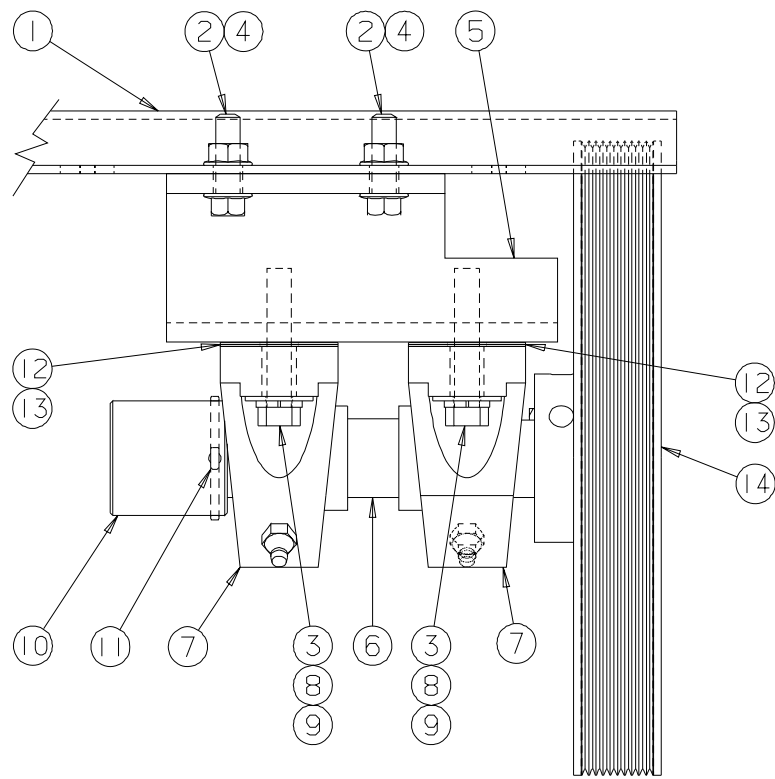
HC155419

Valve-Access (Air Cooled)

HC155497

Valve-Access 3/16" w/ 1/4 & 3/8 Step

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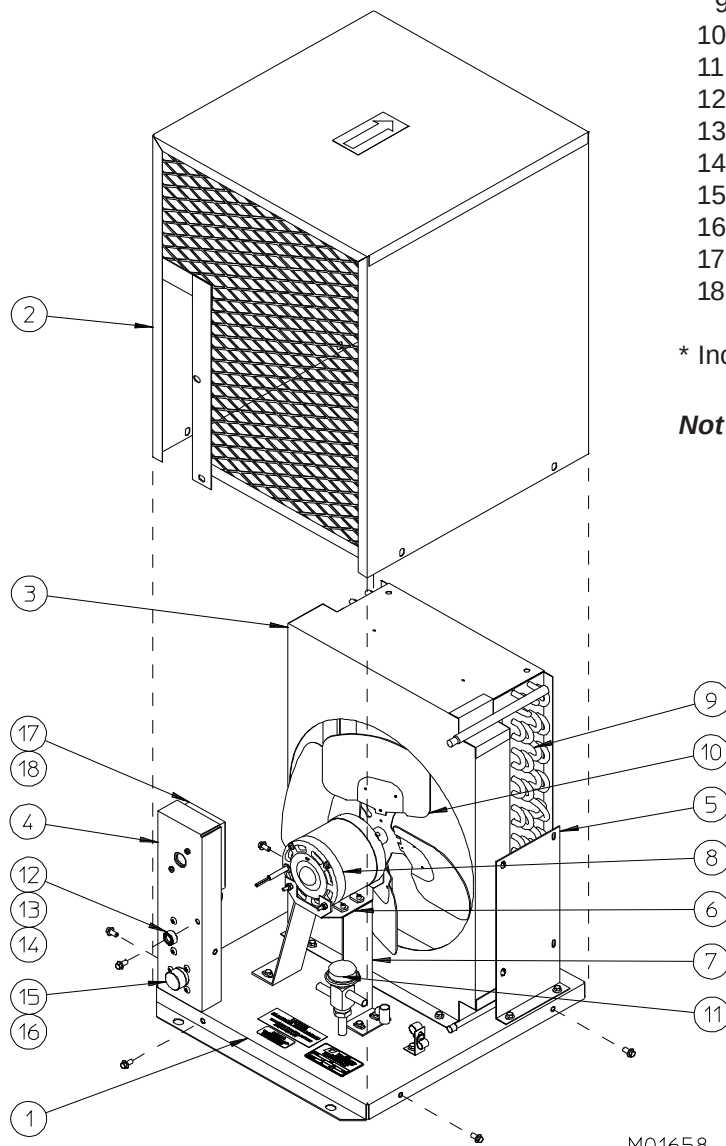
Figure 8 Drive Shaft and Bearing Assembly

Item	Part No.	Description
1	HC118777	Plate-Assy. Cylinder and Bearing Mtg
2	HC159944	Screw-HXSF 5/16-18 X 1 ZN
3	HC160131	Washer-Flat 5/16 ZN
4	HC159947	Nut-HXSF 5/16-18 ZN
5	HC139772	Plate-Bearing Mounting
6	HC139774	Shaft-Drive
7	HC153030	Bearing-1 In. Pillow Block (w/ring and collar)
8	HC160347	Screw-HXHC 5/16-18 x 1-3/8 ZN
9	HC160142	Washer-Lock 5/16 ZN
10	HC133415	Cap-Coupling
11	HC159248	Pin-Cotter 2-1/4 x 1/8 ZN
12	HC135380	Shim-Bearing
13	HC135381	Shim-Bearing 24GA
14	HC153644	Sheave-1 Bore 8.00 OD/PD (Driven)
14A	HC153323	Key-Drive 1/4 SQ x 1-1/2

Not Shown:
HC118776 Bar-Assy. Bearing Alignment Loaner
HC118776-01 Bar-Assy. Bearing Alignment

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Figure 9 Air Cooled Remote Condenser Assembly (Page 1 of 2)



Item	Part No.	Description
*	HC119483	Condenser-Assy. 2 Hp 1 Fan Remote (Complete)
1	HC119484	Base-Assy. Condenser
2	HC119485	Cover-Assy. Condenser
3	HC118787	Shroud-Assy. Condenser
4	HC119192	Bracket-Assy. Electric Box
5	HC140257	Brace-Condenser
6	HC117471	Bracket-Assy. Fan
7	HC139235	Bracket-Fan Motor Support
8	HC151084	Motor-1/10 HP 208-230-1-50/60
9	HC155125-C	Condenser-Air
10	HC159021	Blade-Fan 14" 20°
11	HC155454	Valve-Head Pressure Control
12	HC153420	Coupling-Refr. 3/8 MQC 3/8 SW
13	HC191538	Plate-Coupling Mtg.
14	HC140040	Retainer-Coupling Mtg.
15	HC153418	Coupling-Refr. 1/2MQC 1/2 SW
16	HC153502	Flange-Refr. Coupling Mount 1/2
17	HC150732	Box-Electric 2-3/4 x 4-1/2 x 2
18	HC150737	Cover-Electric Box 2-3/4 x 4-1/2

* Includes all items above.

Not Shown:

HC155064	Receiver-10-1/2 lb. 3/8 ID Sweat
HC155705	Cut Out-Low Pressure 2 IN HG
HC155450	Cut Out-High Pressure 450 PSI
HC155466	Control-Fan Pressure
HC155487	Check-Valve 5/8 OD Sweat
HC119124	Kit-25 Foot Line Sets 404a
HC119125	Kit-50 Foot Line Sets 404a

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Accessories

Part Number	Description
HC199504	Bottle-Flavor Plastic
HC158010	Brush-6 in. w/o handle (see HC158012 for handle)
HC158012	Handle-Brush Fiberglass (see HC158010 for brush)
HC158022	Brush-1/4 in. dia. 2 LG 6-1/2 Overall
HC158077	Brush-1 in. dia. 12 in. Long
HC158026	Brush-9/16 in. w/36 in. Handle
HC165241	Decal-Six Flavor Slush
HC169212	Dispenser-Cup (EL20 6-12 oz.)
HC169213	Dispenser-Cup (EL30 16-24 oz.)
HC155634	Fitting-Tank 3/4 (15 Gallon Container)
HC118169	Kit-O-ring 185 & 195
HC158054A	Lubricant-Lubri-Film Plus 4 oz. Tube
HC169124	Pump-Slush Flavor Plastic (For use with HC199504)
HC118148	Rack-Assembly 5 Jar Flavor Complete
HC158043	Rod-Stir Stainless
HC158014	Sanitizer-Stera Sheen Case/4
HC158014A	Sanitizer-Stera Sheen 4 lb. jar
HC113324	Spigot-Assy. w/Fitting & Gasket
HC162703	Spigot- 3/4 Plastic Drum (Spigot only for 15 Gallon Container)
HC169302	Pump-Submersible
HC113073	Tank-Assy. 15 Gallon Mix (w/lid and spigot)
HC163300	Tank-15 Gallon PVC w/lid
HC169374	Tool-O-Ring Removal
HC196119-01	Tray-Drip 16 in. White
HC196058	Tubing-1/2" I.D. x 5/8 O.D. PVC
HC184857	Sheet-Clean & Sanitize

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Cleaning & Sanitizing Models 185/195 and 810/812 Slush 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 freezer Operator's Manual.

CLEANING



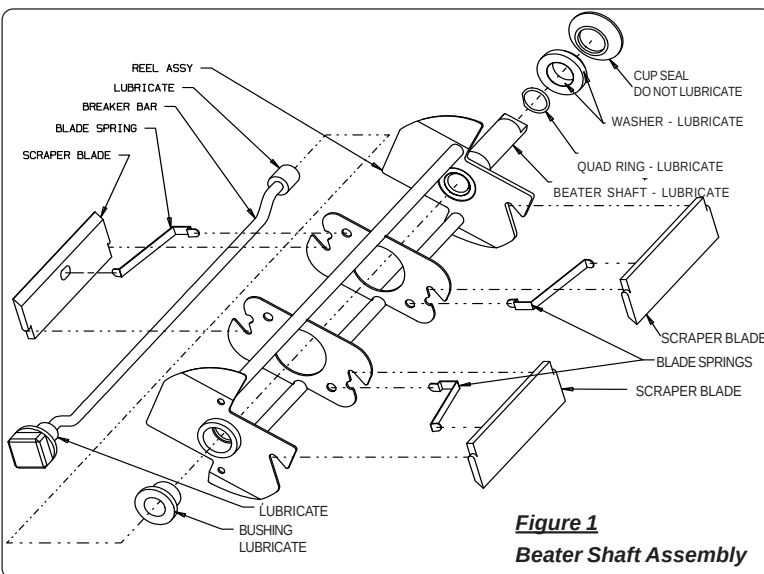
CAUTION

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.

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. Wash all parts removed from the freezer thoroughly with a warm, mild dish detergent solution. The following parts should be cleaned with the appropriate brush supplied.
 - a. The head piston opening, breaker bar cavity, air bleed hole, dispense outlet valve opening, and the head mounting holes.
 - b. The shaft cup seal, washer, outlet valve, piston and piston rod.
 - c. The beater shaft inside spring mounting holes and the scraper blade mounting indentations.
3. After all parts are washed and rinsed, place in sanitizing solution. For proper sanitizing, the parts must remain in the sanitizing solution for 5 minutes. Allow parts to air dry.
4. Remove hopper cover and bottle rack, take to sink area to wash with the dish detergent solution. Rinse with clean water.
5. With the dish detergent solution thoroughly brush the inside of the hopper, the mix feed port to the cylinder, the drain tube, and the inside of the cylinder making certain to clean the back wall of the cylinder. Rinse with clean water.
6. Wipe down the freezer with the dish detergent solution and rinse with clean water.

ASSEMBLY

1. Assemble and lubricate in accordance with Operator's Manual. Use figures 1 - 3 as reference.



The sanitizing procedure is always done just prior to starting the freezer.

SANITIZING

1. Wash and sanitize your hands and forearms.
2. Prepare 4 gallons (15.2 liters) of sanitizing solution in a container. The sanitizing solution must be mixed according to manufacturer's instructions to yield 100 PPM (parts per million) available chlorine solution (i.e., Stera-Sheen or equivalent).
3. Pour sanitizing solution into the hopper pan. Using a clean brush, wash down the hopper walls, and the hopper cover.
4. When the cylinder has filled with sanitizing solution, reconnect the main power supply to the freezer. Turn the selector switch to the "CLEAN" position and allow the beater to run for 5 minutes.
5. At this time check for leaks around the head, piston and drain tube.
6. Place an empty container under the dispensing head, and drain the solution by opening the piston to allow the cylinder and hopper to empty.
7. When the sanitizing solution has drained from the freezer, turn the selector switch to the "OFF" position.

Go to Production Preparation and Priming the Freezer. (back side)

Figure 2
Install blades and springs

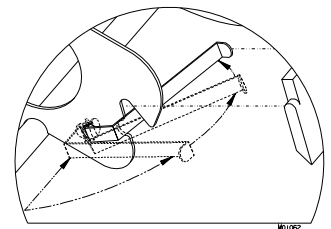
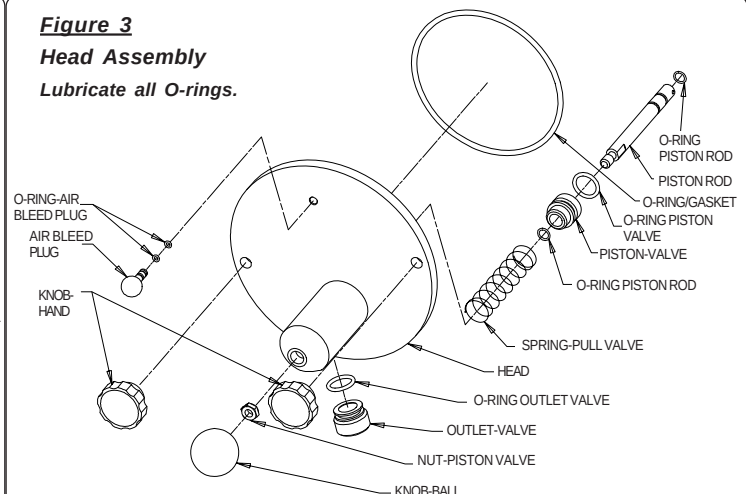
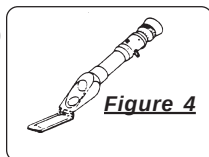


Figure 3
Head Assembly
Lubricate all O-rings.



PRODUCT PREPARATION

1. Dissolve contents of base powder packets and 5 pounds of sugar in sufficient water to make 5 gallons. Mix thoroughly.
2. If using an autofill system check syrup to water ration. Ratio must be 5-1.
3. Acceptable brix level is 11-13 using a refractometer. See Figure 4.



PRIMING THE FREEZER

1. Make sure that your hands, forearms and all freezer assemblies are sanitized.

Important:

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

2. While holding the piston open, pour the mix directly into the hopper, allowing the mix to force out any remaining sanitizer (approximately 16 ounces).
3. Close the piston.

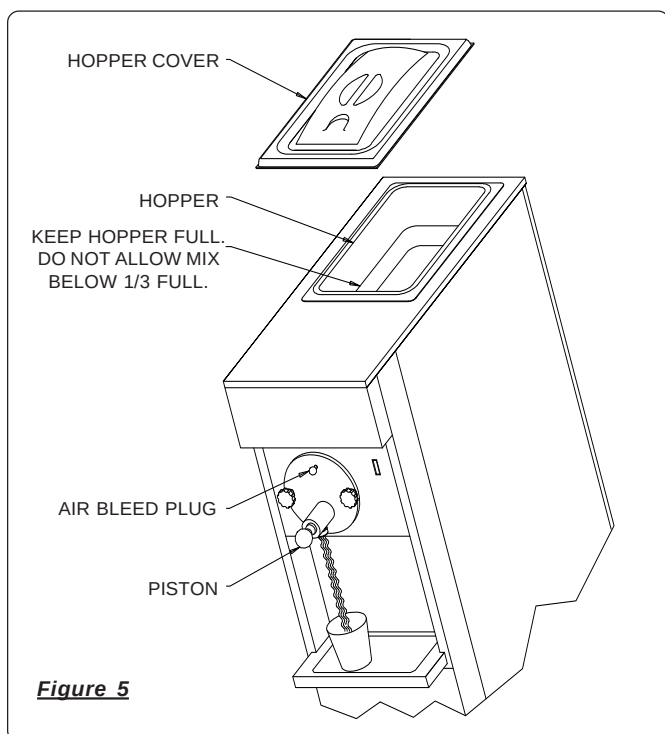


Figure 5

PRIMING THE FREEZER

(continued)

4. Remove the air bleed plug and allow the cylinder to fill with mix. Replace the air plug when the mix reaches the bottom of the air plug opening.
5. Finish filling the hopper with mix. The freezer will hold 7.25 gallons (27.4 liters) — 9 quarts (8.5 liters) in the freezer cylinder and 20 quarts (18.9 liters) in the hopper.

NOTE: If the proper mix level is not maintained, operational problems will occur. Do not allow the level of mix in the hopper to fall below 1/3 full. See Figures 5 and 6.

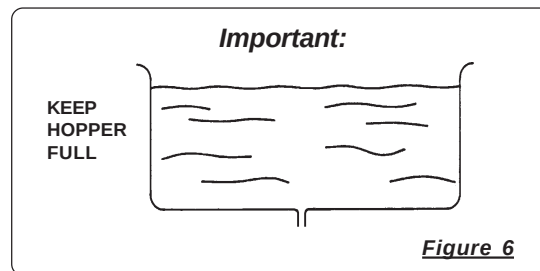
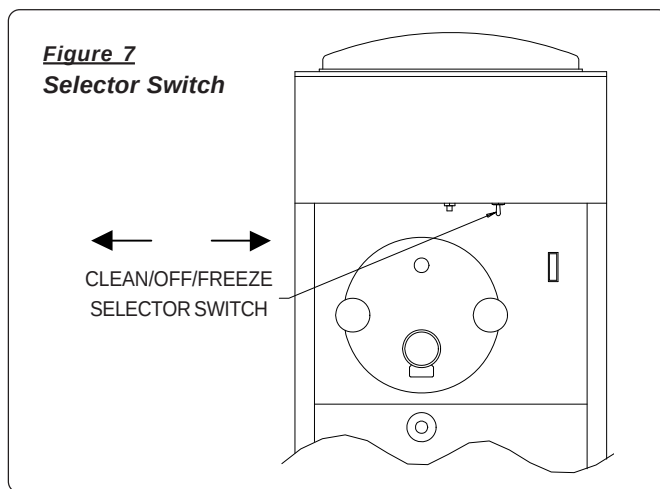


Figure 6

6. Turn the selector switch to the "FREEZE" position. See Figure 7.



7. Place the hopper cover over the hopper.
8. When the mix has been frozen to the proper consistency, the compressor will automatically shut off. It will restart whenever the product consistency changes. The beater will run continuously.

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



ELECTRO FREEZE

Alphabetized Parts List

IMPORTANT: All parts shown are for standard models designed for 230V/1PH/60Hz.

PART DESCRIPTION	PART NUMBER	QTY	SERIAL NUMBER (FROM – TO)
Baffle-Air Condenser (AC)	HC137373	2	K2P –
Bar-Assy. Bearing Alignment	HC118776-01	1	K2P –
Bar-Assy. Bearing Alignment Loaner	HC118776	1	K2P –
Base-Assy. Condenser (ACR)	HC119484	1	K2P –
Bearing-1" Pillow Block	HC153030	2	K2P –
Beater-Slush	HC118786	1	K2P –
Belt-Poly V (Drive)	HC153124	1	K2P –
Blade-Fan 14 in 19/20° (AC)	HC159021	1	K2P –
Blade-Scraper	HC139771	3	K2P –
Bottles-Flavor Plastic	HC199504	*	
Box Assy.-Capacitor & Relay (Compressor 1 Phase)			
Capacitor-Run	HC150399	1	K2P –
Capacitor-Start	HC150398	1	K2P –
Relay-Start/Run	HC150401	1	K2P –
Box Assy.-Capacitor & Relay (Beater Motor 1 Phase)			
Capacitor-Run	HC150293	1	K2P –
Capacitor-Start	HC150294	1	K2P –
Box-Electric 2-3/4 x 4-1/2 x 2 (ACR)	HC150732	1	K2P –
Brace-Condenser (ACR)	HC140257	1	K2P –
Bracket-Assy. Fan (AC) (ACR)	HC117471	1	K2P –
Bracket-Fan Motor Support (AC) (ACR)	HC139235	1	K2P –
Bracket-Water Condenser (WC)	HC139813	1	K2P –
Breaker-Assy. (Beater Shaft)	HC118784	1	K2P –
Breaker-Circuit 2.5 Amp	HC150472	1	K2P –
Brush-6 in. dia.w/36 in. Handle	HC158005	1	K2P –
Brush-1 in dia. 12 inches long	HC158026	1	K2P –
Bumper-Rubber (Drip Tray)	HC199030	4	K2P –
* As Required ** Items Included In O-Ring Kit No. HC118169 *** LH or RH — Left or right hand is determined as you face the front of freezer. NLA = No Longer Available WC = Water Cooled AC = Air Cooled ACR = Air Cooled Remote			

Alphabetized Parts List

IMPORTANT: All parts shown are for standard models designed for 230V/1PH/ 60Hz.

PART DESCRIPTION	PART NUMBER	QTY	SERIAL NUMBER (FROM – TO)
Bushing-Reel (Beater Shaft)	HC138947	1	K2P —
Cap-Access Valve	HC155574	1	K2P —
Cap-Coupling	HC133415	1	K2P —
Cap-Dust Refr. Coupling (ACR)	HC153503	1	K2P —
Capacitor-Run (Compressor)	HC150399	1	K2P —
Capacitor-Run (Motor)	HC150293	1	K2P —
Capacitor-Start (Compressor)	HC150398	1	K2P —
Capacitor-Start (Motor)	HC150294	1	K2P —
Caster-Low Profile w/Brake	HC162133	2	K2P —
Caster-Low Profile w/o Brake	HC162134	2	K2P —
Check-Valve 5/8 OD Sweat (ACR)	HC155487	1	K2P —
Catch-Bullet .268 OD x .343 ST (Front Panel) .	HC159175	2	K2P —
Clip-Retainer	HC150120	4	K2P —
Coil-A/B 208-230V (Replacement coil for contactor p/n HC150155)	HC150156	3	K2P —
Coil-Solenoid Field 208/240v MKC-1TS (Replacement coil only p/n 155488)	HC150352	1	See Valve-Solenoid
Compressor-Assy. 208-230-1-60 AV	HC118234	1	K2P —
Capacitor-Start	HC150398	1	K2P —
Capacitor-Run	HC150399	1	K2P —
Drier-Filter 16 cu in	HC155054	1	K2P —
Relay-Start\Run	HC150401	1	K2P —
Valve-Access	HC155419	1	K2P —
Condenser-AC	HC155125-C	1	K2P —
Condenser-Assy. 2 Hp 1 Fan Remote (ACR)	HC119483	1	K2P —
Condenser-WC	HC155030	1	K2P —
Contactor-IEC 23A 208-230V C (Electrical Box)	HC150155	3	K2P —
Container-15 Gallon (only)	HC163300	1	K2P —
* As Required ** Items Included In O-Ring Kit No. HC118169 *** LH or RH — Left or right hand is determined as you face the front of freezer. NLA = No Longer Available WC = Water Cooled AC = Air Cooled ACR = Air Cooled Remote			

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Alphabetized Parts List

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PART DESCRIPTION	PART NUMBER	QTY	SERIAL NUMBER (FROM – TO)
Container-15 Gallon (w/lid and spigot)	HC113073	1	K2P –
Control-Fan Pressure (ACR)	HC155466	1	K2P –
Coupling-Refr. 1/2MQC 1/2 SW	HC153418	1	K2P –
Coupling-Refr. 3/8 MQC 3/8 SW	HC153420	1	K2P –
Cover-Assy. Capacitor Box (Compressor).....	HC117821	1	K2P –
Cover-Assy. Condenser (ACR)	HC119485	1	K2P –
Cover-Assy. Electrical Box	HC116357	1	K2P –
Cover-Electric Box 2-3/4 x 4-1/2 (ACR)	HC150737	1	K2P –
Cover-Hopper	HC196121	1	K2P –
Cut Out-High Pressure 450 PSI (AC & ACR) ..	HC155450	1	K2P –
Cut Out-High Pressure 375 PSI (WC)	HC155702	1	K2P –
Cut Out-Low Pressure 0 PSIG (AC & WC)	HC155703	1	K2P –
Cut Out-Low Pressure (ACR)	HC155465	1	K2P –
Cut Out-Low Pressure 2 in. HG (ACR)	HC155705	1	K2P –
Cylinder-Assy. Complete	HC118779	1	K2P –
Decal-Beater Warning	HC165025	1	K2P –
Decal-Cleaning Instructions	HC165065	1	K2P –
Decal-Clear Overlay	HC165093	1	K2P –
Decal-Panel Removal	HC165126	3	K2P –
Decal-Pre-Cooled Product	HC167006	2	K2P –
Decal-Six Flavor Slush	HC165241	1	K2P –
Decal-Ventilation 6 in. RR	HC169053	1	K2P –
Deck-Adder 1 NO 1 NC	HC150146	1	K2P –
Dispenser-Cup-EL20 6-12 oz.	HC169212	1	K2P –
* As Required ** Items Included In O-Ring Kit No. HC118169 *** LH or RH — Left or right hand is determined as you face the front of freezer. NLA = No Longer Available WC = Water Cooled AC = Air Cooled ACR = Air Cooled Remote			

Alphabetized Parts List

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PART DESCRIPTION	PART NUMBER	QTY	SERIAL NUMBER (FROM – TO)
Dispenser-Cup-EL30 16-24 oz.	HC169213	1	K2P —
Door(Head) -Assy. Complete	HC117897	1	K2P —
Door (Head) -Only	HC119674	1	K2P —
Gasket (Door/Head)	HC160504	1	K2P —
Knob-Ball	HC162629	1	K2P —
Nut-Piston Rod	HC139274	1	K2P —
Outlet-Valve	HC136249-01	1	K2P —
O-Ring (Outlet-Valve)	HC160582	1	K2P —
O-Ring (Piston)	HC160582	1	K2P —
O-Ring (Plug)	HC160561	2	K2P —
O-Ring (Rod)	HC160610	2	K2P —
Piston-Valve	HC136253	1	K2P —
Plug-Air Bleed	HC115416	1	K2P —
Rod-Assy. Piston	HC113999	1	K2P —
Spring-Pull Valve	HC162319	1	K2P —
Drier-Filter 16 cu in	HC155054	1	K2P —
Filter-Air Cleanable (Optional)	HC155137	1	K2P —
Fitting & Gaskets-3/4" 15 Gal. Container	HC155634	1	K2P —
Flange-Ref. Coupling Mount 1/2 (ACR)	HC153502	1	K2P —
Gasket (Door/Head Assembly)	HC160504**	1	K2P —
Glass-Sight	HC155059	1	K2P —
Grommet-Compressor Mounting	HC151433	4	K2P —
Hanger-Drain Tube	HC139773	1	K2P —
Head-Assy. Complete	See "Door-Assy."		
Indicator-Mix Level	HC150202	1	K2P —
* As Required ** Items Included In O-Ring Kit No. HC118169 *** LH or RH — Left or right hand is determined as you face the front of freezer. NLA = No Longer Available WC = Water Cooled AC = Air Cooled ACR = Air Cooled Remote			

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Alphabetized Parts List

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PART DESCRIPTION	PART NUMBER	QTY	SERIAL NUMBER (FROM – TO)
Insert-Assy. Drip Tray	HC116980	1	K2P –
Bumper-Rubber	HC199030	4	K2P –
Insert-Drip Tray	HC138791	1	K2P –
Insulator-Expansion Valve	HC165531	2	K2P –
Key-Drive 1/4 SQ x 1-1/2	HC153323	1	K2P –
Key-Drive 3/16 SQ x 1-1/2	HC153322	1	K2P –
Kit-25 Foot Line Sets 404a (ACR)	HC119124	1	K2P –
Kit-Dispense Head Switch	HC116410	1	K2P –
Kit-Motor & Bearing Assy. Replacement (Beater Motor)	HC117342	1	K2P –
Kit-O-Ring	HC117337	1	K2P –
Kit-Solenoid Valve Repair	HC155434	1	K2P –
Kit-Water Valve Repair	HC155444	1	K2P –
Knob-Ball 3/8-16 THD Black	HC162629	1	K2P –
Knob-Fluted Torque (Hand)	HC162634	2	K2P –
Label-Set Six Flavor Slush	HC165241	*	K2P –
Label-Trimstrip	HC164081	1	K2P –
Leg-Adjustable 6-inch	HC112978	4	K2P –
Light-Indicator	HC150540	1	K2P –
Lubricant-Lubri-Film Plus 4 oz Tube	HC158054A	*	K2P –
Motor & Brg Assy.-Assy. Field	HC117342	1	K2P –
Motor-1/10 hp (Fan)(AC & ACR)	HC151084	1	K2P –
Nut-Hex #1/4-20 ZN (Motor & Brg Assy.)	HC160104	4	K2P –
Nut-Hex 5/16-18 ZN	HC160105	2	K2P –
* As Required ** Items Included In O-Ring Kit No. HC118169 *** LH or RH — Left or right hand is determined as you face the front of freezer. NLA = No Longer Available WC = Water Cooled AC = Air Cooled ACR = Air Cooled Remote			

Alphabetized Parts List

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PART DESCRIPTION	PART NUMBER	QTY	SERIAL NUMBER (FROM – TO)
Nut-HXSF 5/16-18 ZN (Drive Shaft Assy.)	HC159947	4	K2P —
Nut-Piston Rod (Head Assy.)	HC139274	1	K2P —
Nut-Push Round .265 (Front Panel Assy.)	HC160289	2	K2P —
Nut-Speed 1/4-20 (Rear Panel)	HC160117	*	K2P —
Nut-Speed 1/4-20 BP&O (Side Panel)	HC160114	*	K2P —
Nut-Speed #10-24 (On Frame)	HC159067	*	K2P —
Nut-Speed #10-24 SST (Front & Dispense Panels)	HC159132	*	K2P —
Nut-Speed 1/8 SPR STL	HC160291	2	K2P —
O-ring (Door/Head)	See Gasket		
O-ring-Kit	HC118169	*	K2P —
O-ring (Outlet-Valve)	HC160582**	1	K2P —
O-ring (Plug)	HC160561**	1	K2P —
O-ring (Piston)	HC160582**	1	K2P —
O-ring (Piston Rod)	HC160610**	2	K2P —
Outlet-Valve	HC136249-01	1	K2P —
Panel-Assy. Hopper & Top	HC118783	1	K2P —
Panel-Assy. Rear (AC)	HC118788	1	K2P —
Panel-Dispense	HC137224-01	1	K2P —
Panel-Assy. Front	HC116994	1	K2P —
Panel-Lower Front 16 in.	HC136944	1	K2P —
Panel-Lower Rear (ACR)	HC140259	1	K2P —
Panel-Rear (WC)	HC139856	1	K2P —
Panel-Service	HC132683	1	K2P —
* As Required ** Items Included In O-Ring Kit No. HC118169 *** LH or RH — Left or right hand is determined as you face the front of freezer. NLA = No Longer Available WC = Water Cooled AC = Air Cooled ACR = Air Cooled Remote			

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Alphabetized Parts List

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PART DESCRIPTION	PART NUMBER	QTY	SERIAL NUMBER (FROM – TO)
Panel-Side	HC132277	1	K2P –
Panel-Upper Rear 16 in (ACR)	HC140258	1	K2P –
Pin-Cotter 2-1/4 x 1/8	HC159248	1	K2P –
Piston-Valve (Head Assy.)	HC136253	1	K2P –
Plate-Assy. Cylinder & Bearing	HC118777	1	K2P –
Plate-Assy. Motor Adjust.	HC118903	1	K2P –
Plate-Bearing Mounting	HC139772	1	K2P –
Plate-Coupling Mtg. (ACR)	HC191538	1	K2P –
Plug-Assy. Air Bleed	HC115416	1	K2P –
Power-Monitor Slush Kit (Board)	HC119538	1	K2P –
Pulley-Driven	See "Sheave"		
Pulley-Driver	See "Flywheel"		
Pump-Slush Flavor Plastic (Bottles)	HC169124	*	
Pump-Submersible	HC169302	1	K2P –
Quad-Ring (Beater Shaft Assembly)	HC160597**	1	K2P –
Rack-Assy. 5 Jar Flavor	HC118148	1	K2P –
Receiver-3 lb. 3/8 ID Sweat w/o Valve (AC & WC)	HC155071	1	K2P –
Receiver-10-1/2 lb. 3/8 ID Sweat (ACR)	HC155064	1	K2P –
Reel-Assy. 6 in. Dia 26 in. Long (Beater Shaft Assy.)	HC118786	1	K2P –
Relay-Start/Run (Compressor)	HC150401	1	K2P –
Retainer-Coupling Mtg.	HC140040	1	K2P –
Rod-Assy. Piston	HC113999	1	K2P –
Rod-Stir Stainless	HC158043	1	K2P –
* As Required ** Items Included In O-Ring Kit No. HC118169 *** LH or RH — Left or right hand is determined as you face the front of freezer. NLA = No Longer Available WC = Water Cooled AC = Air Cooled ACR = Air Cooled Remote			

Alphabetized Parts List

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PART DESCRIPTION	PART NUMBER	QTY	SERIAL NUMBER (FROM – TO)
Screw-FSHC 3/8-16 x 1 BKOX	HC159953	4	K2P —
Screw-HXHC 1/4-20 x 3/4 (Motor & Brg Assy.) .	HC160021	4	K2P —
Screw-HXHC 5/16-18 x 1-3/8ZN (Drive Shaft Assy.)	HC160347	1	K2P —
Screw-HXSF 1/4-20 x 1/2 ZN (Motor & Brg Assy.)	HC159950	2	K2P —
Screw-HXSF 5/16-18 x 1 ZN (Plate Assy.)	HC159944	4	K2P —
Screw-SK Set 1/4-20 x 1/4 (Motor & Brg Assy.)	HC160495	2	K2P —
Screw-TRPM #10-24 x 1/2 SST (Front Panel)	HC160076	*	K2P —
Screw-TRPM 1/4-20 x 1/2 (Rear Panel)	HC160048	*	K2P —
Screw-TRPM 1/4-20 x 1 SST (Side Panel)	HC159219	*	K2P —
Seal Assy.-Complete	HC117215**	1	K2P —
Seal-Beater Shaft	HC160557	1	K2P —
Washer-Shaft Seal	HC139006	1	K2P —
Seal-Beater Shaft (Drive Shaft)	HC160557	1	K2P —
Shaft-Beater	HC118786	1	K2P —
Shaft-Drive	HC139774	1	K2P —
Sheave-1 Bore 8.00 OD/PD (Driven)	HC153644	1	K2P —
Sheave-Drive 1.480 PD J10	HC140478	1	K2P —
Shim-Bearing	HC135380	1	K2P —
Shim-Bearing 24GA	HC135381	1	K2P —
Shroud-Assy. Condenser (AC)	HC118787	1	K2P —
Sleeve-Compressor Mounting	HC151434	4	K2P —
Socket-Octal	HC150119	2	K2P —
Spacer-Panel (Side)	HC138456	1	K2P —
Spigot (only) 15 Gallon Container	HC162703	1	K2P —
Spigot-Assy. (w/Fitting & Gasket)	HC113324	1	K2P —
* As Required ** Items Included In O-Ring Kit No. HC118169 *** LH or RH — Left or right hand is determined as you face the front of freezer. NLA = No Longer Available WC = Water Cooled AC = Air Cooled ACR = Air Cooled Remote			

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Alphabetized Parts List

IMPORTANT: All parts shown are for standard models designed for 230V/1PH/60Hz.

PART DESCRIPTION	PART NUMBER	QTY	SERIAL NUMBER (FROM – TO)
Spring-Pull Valve (Piston)	HC162319	1	K2P –
Spring-Blade (Beater Shaft Assy)	HC134649	3	K2P –
Strip-Terminal	HC150795	1	K2P –
Stud-Assy. Cylinder	HC114341	2	K2P –
Support-5/8 Circuit Board	HC150927	4	K2P –
Switch-Dispense Headt Kit	HC116410	1	K2P –
Switch-Toggle 3PDT CTR OFF	HC150465	1	K2P –
Tank-15 Gallon PVC w/Lid (only)	HC163300	1	K2P –
Tank-Assy. 15 Gallon Mix (w/lid and spigot) .	HC113073	1	K2P –
Thermostat-5° Fixed Diff. (Hopper)	HC161202	1	K2P –
Timer-.5-60 Delay on Break 230	HC150252-01	1	K2P –
Transformer-Auto 230/115v 20VA	HC150184	1	K2P –
Tray-Drip	HC196119	1	K2P –
Trimstrip-Assy. Decal 16 in IDQ			
Power Monitor	HC119336-05	1	K2P –
Tube-Assy. Drain	HC119290	1	K2P –
Tubing-1/2" ID x 5/8 OD PVC	HC196058	1	K2P –
Valve-Access (Receiver)	HC155419	1	K2P –
Valve-Access 3/16" with 1/4 & 3/8 Step			
(Used with Receiver p/n 155071)	HC155497	1	K2P –
Valve-Automatic Expansion (Cylinder)	HC155490	1	K2P –
Valve-Automatic Expansion (Hopper)	HC155449	1	K2P –
Valve-Head Pressure Control (ACR)	HC155454	1	K2P –
Valve-Solenoid 208-240v	HC155488	1	K2P –
Valve-Assy. Water	HC112080	1	K2P –
Valve-Water	HC155410	1	K2P –
Valve-Water Repair Kit	HC155444	1	K2P –
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Alphabetized Parts List

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PART DESCRIPTION	PART NUMBER	QTY	SERIAL NUMBER (FROM – TO)
Washer-Flat 1/4 ZN (Motor & Brg Assy.)	HC160130	8	K2P —
Washer-Lock 1/4 ZN (Motor & Brg Assy.)	HC160143	4	K2P —
Washer-Lock 5/16 ZN (Bearing Assy.)	HC160142	2	K2P —
Washer-Shaft Seal	HC139006	1	K2P —
* As Required ** Items Included In O-Ring Kit No. HC118169 *** LH or RH — Left or right hand is determined as you face the front of freezer. NLA = No Longer Available WC = Water Cooled AC = Air Cooled ACR = Air Cooled Remote			

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