

ELECTRO FREEZE®

REPLACEMENT PARTS MANUAL with ILLUSTRATIONS



**KEEP YOUR FREEZER IN EXCELLENT CONDITION. ALWAYS CONTACT
YOUR ELECTRO FREEZE DISTRIBUTOR FOR REPLACEMENT PARTS.**

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

FAX: (309) 755-9858

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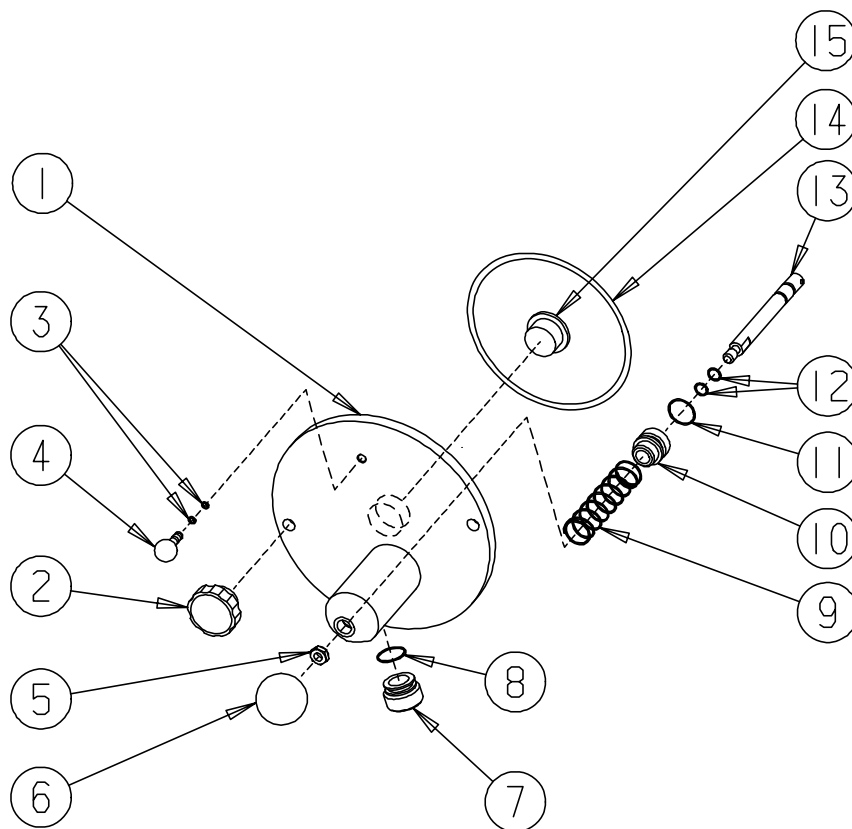


Figure 1 Head Assembly

Item	Part No.	Description
*	114991	Door-Assy. Complete (Head Assembly)
1	114988	Door-Assy. Pull Valve (only)(Head Assembly)
2	162634	Knob-Hand
2A	114341	Stud-Assy. Cylinder 1-15/16" (not shown)
3	160561	O-Ring (Plug)
4	115416	Plug-Assy. Air Bleed (Relief)
5	139274	Nut-Piston Rod
6	162629	Knob-Ball 3/8-16 Thd Black
7	136249-01	Outlet-Valve (Nozzle)
8	160582	O-Ring (Outlet-Nozzle)
9	162319	Spring -Pull Valve
10	136253	Piston-Valve (Plunger)
11	160582	O-Ring (Piston-Plunger)
12	160610	O-Ring (Rod)
13	113999	Rod-Assy. Piston (Plunger)
14	160622	O-Ring (Head)
15	136246	Bushing-Door

* Includes all items above except items 2, 2A and 14.

Use only original or authorized replacement parts with this freezer.

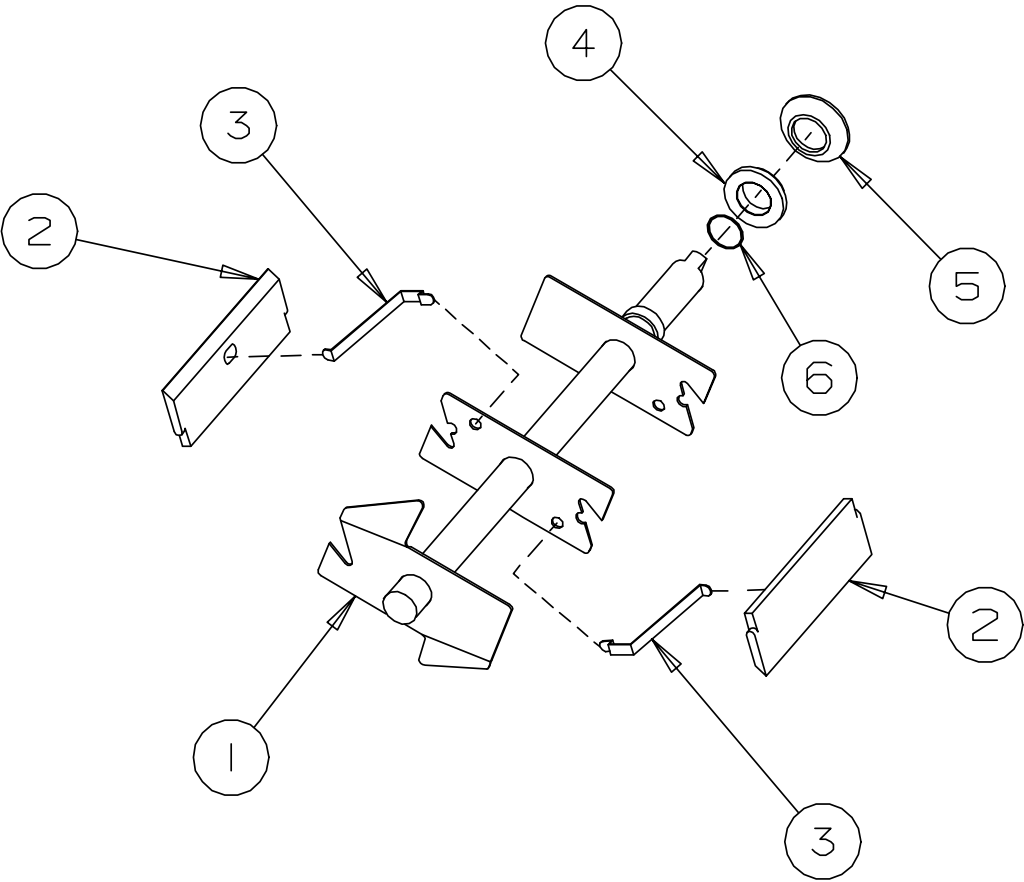


Figure 2 Beater Shaft Assembly

Item	Part No.	Description
1	114081	Shaft-Assy. Beater (Reel)
2	136382	Blade-Scraper
3	136381	Spring-Blade
4*	139006	Washer-Shaft Seal (Bushing)
5*	160557	Seal-Beater Shaft
6	160597	Quad Ring

* Can be ordered together as:
117215 Seal-Assy. Shaft

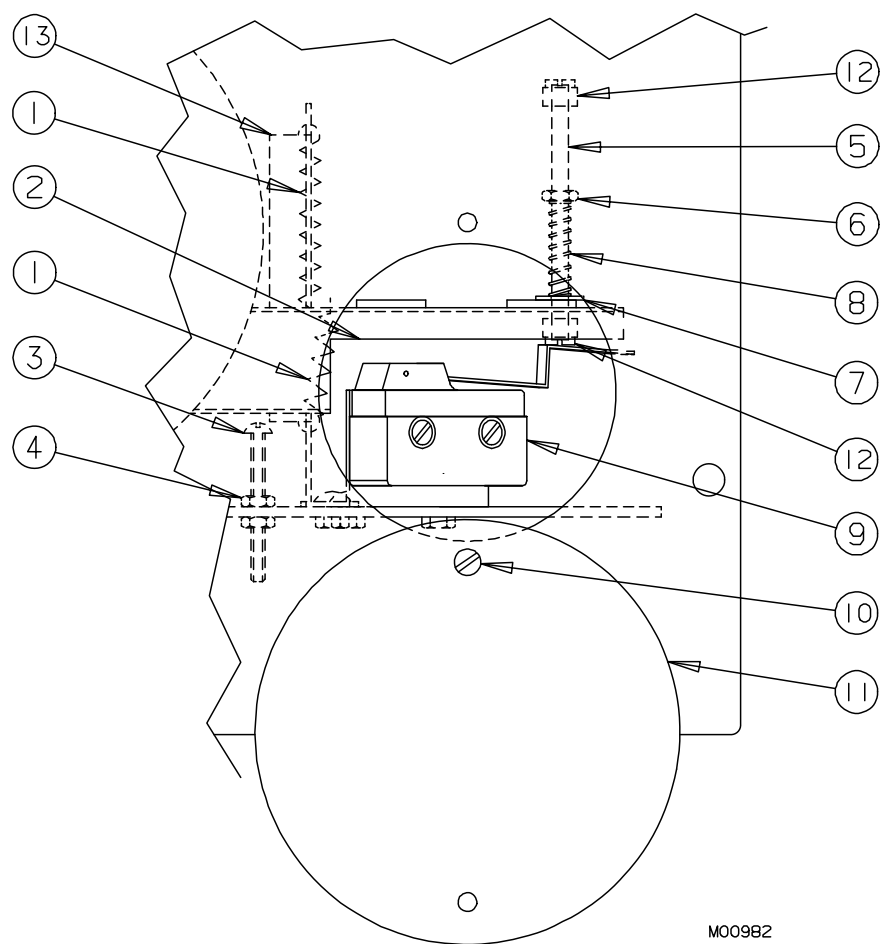


Figure 3 Consistency Control - Model 877, 877RH
(See page 4 for 877B, 877BRH)

Item	Part No.	Description
1	162338	Spring-Extension Hi Torque Cocktail (Silver)
2	116414	Arm-Assy. Torque
3	160426	Screw-RDHM #8-32 x 1-3/4 ZN (Stop)
4	160102	Nut-Hex #8-32 ZN (Stop)
5	139544	Stud-Adjusting
6	160344	Nut-Hex #10-32 ZN
7	160138	Washer-Flat #10 ZN
8	162346	Spring-Adjusting Screw
9	114113	Switch-Assy. Torque (w/cord) includes:
	136388	Switch-Torque
	135003	Cover-Switch Top
	135004	Cover-Switch Bottom
9A	134632	Bracket-Switch Mounting
10	160076	Screw-TRPM #10-24 X 1/2 SST (Cover Access)
10A	159132	Nut-Speed #10-24 .025-.064 SST
11	136959	Cover-Adjustment Hole
12	160092	Nut-Cap #10-32 Nylon (Adjusting Screw)
13	134661	Bracket-Spring Torque Control

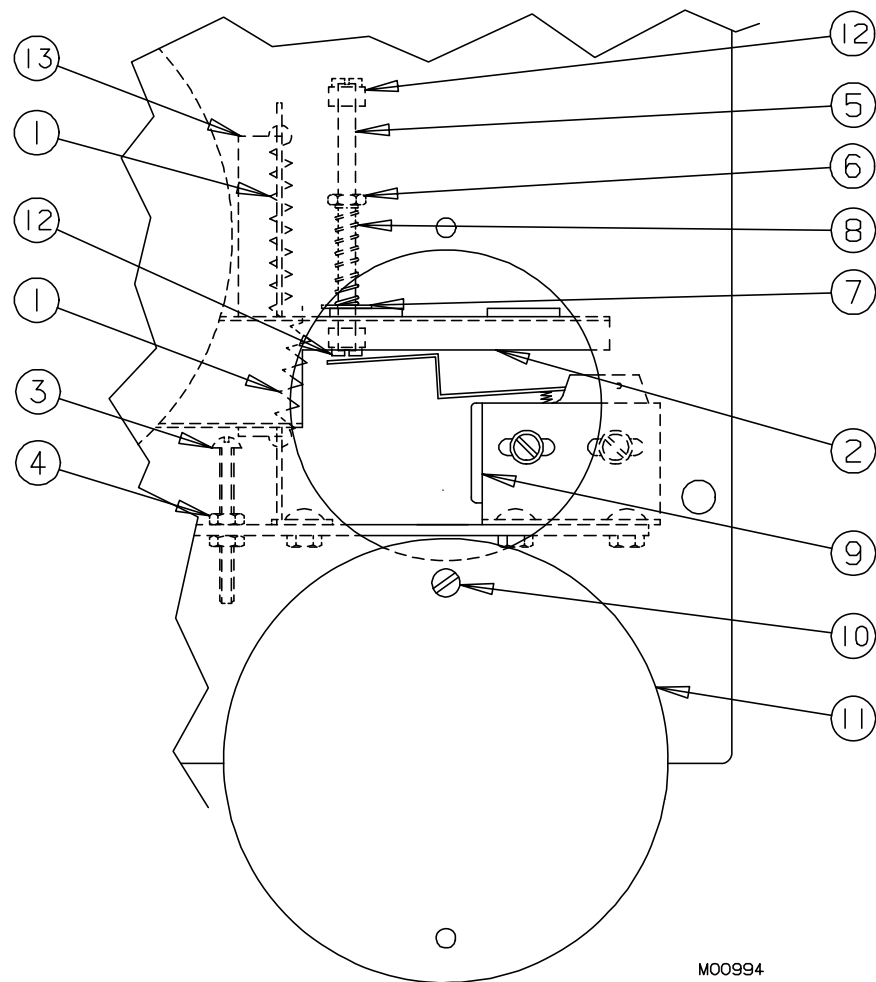


Figure 4 Consistency Control - Model 877B, 877BRH (See page 3 for 877, 877RH)

Item	Part No.	Description
1	162341	Spring-Extension Hi Torque Cocktail (Red)
2	116414	Arm-Assy. Torque
3	160426	Screw-RDHM #8-32 x 1-3/4 ZN (Stop)
4	160102	Nut-Hex #8-32 ZN (Stop)
5	139544	Stud-Adjusting
6	160344	Nut-Hex #10-32 ZN
7	160138	Washer-Flat #10 ZN
8	162346	Spring-Adjusting Screw
9	114113	Switch-Assy. Torque (w/cord) includes: 136388 Switch-Torque 135003 Cover-Switch Top 135004 Cover-Switch Bottom
9A	134632	Bracket-Switch Mounting
10	160076	Screw-TRPM #10-24 X 1/2 SST (Cover Access)
10A	159132	Nut-Speed #10-24 .025-.064 SST
11	136959	Cover-Adjustment Hole
12	160092	Nut-Cap #10-32 Nylon (Adjusting Screw)
13	134661	Bracket-Spring Torque Control

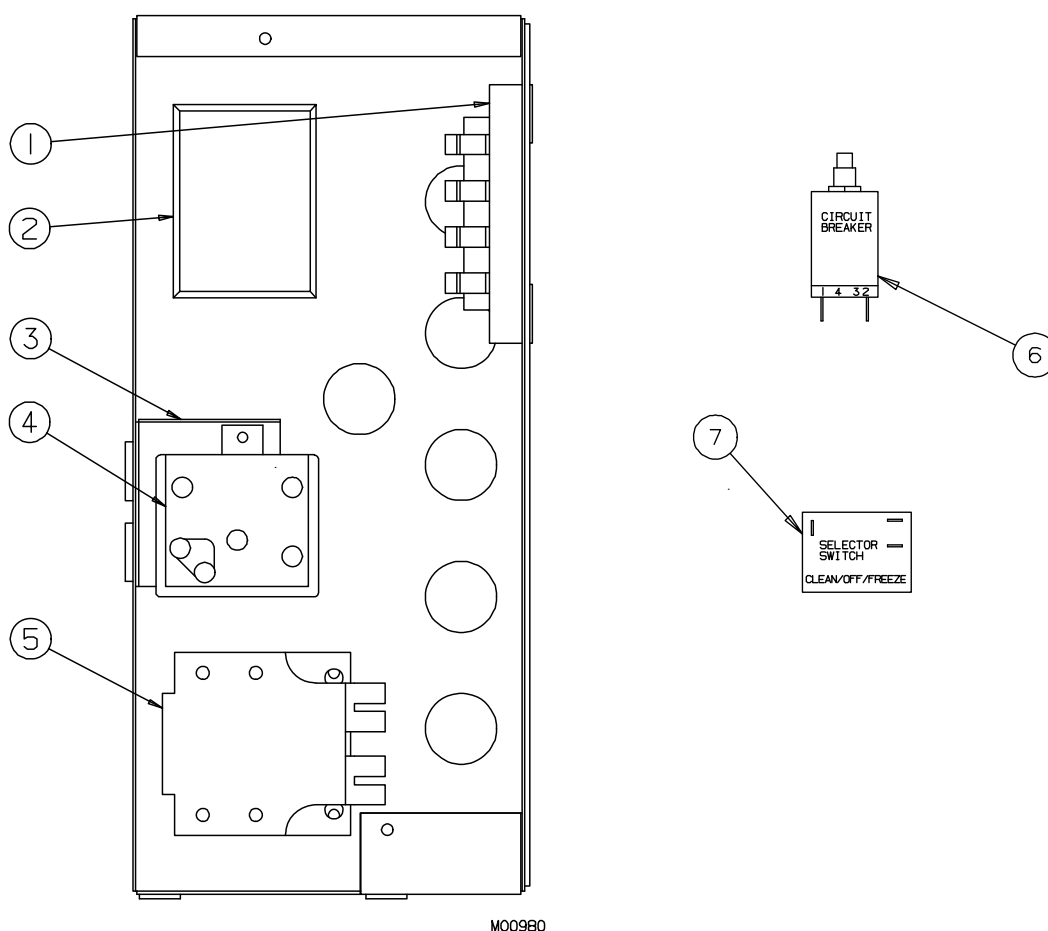


Figure 5 Electrical Box

Item	Part No.	Description
1	150795	Strip-Terminal
2	150263	Timer-DOM/DOB ADJ 120 VAC
2A	150119	Socket-Octal Terminal
2B	150120	Clip-Retainer
3	136535	Bracket-Current Relay
4	151410	Relay-Compressors
5	150339	Contactor-2 Pole 110v
6	150452	Breaker-Circuit-4.5 Amp
7	115816	Kit-Rotary Switch Replacement
7A	150462	Knob-Rotary Switch
7B	165022	Nameplate-CLEAN/OFF/FREEZE (Rotary Switch)
Not shown:		
	150465	Switch-Toggle CLEAN/OFF/FREEZE (Optional Night Switch)
	165023	Nameplate-CLEAN/OFF/FREEZE (Toggle Switch) (Optional Night Switch)
	150466	Switch-Toggle DAY/NIGHT(Optional Night Switch)

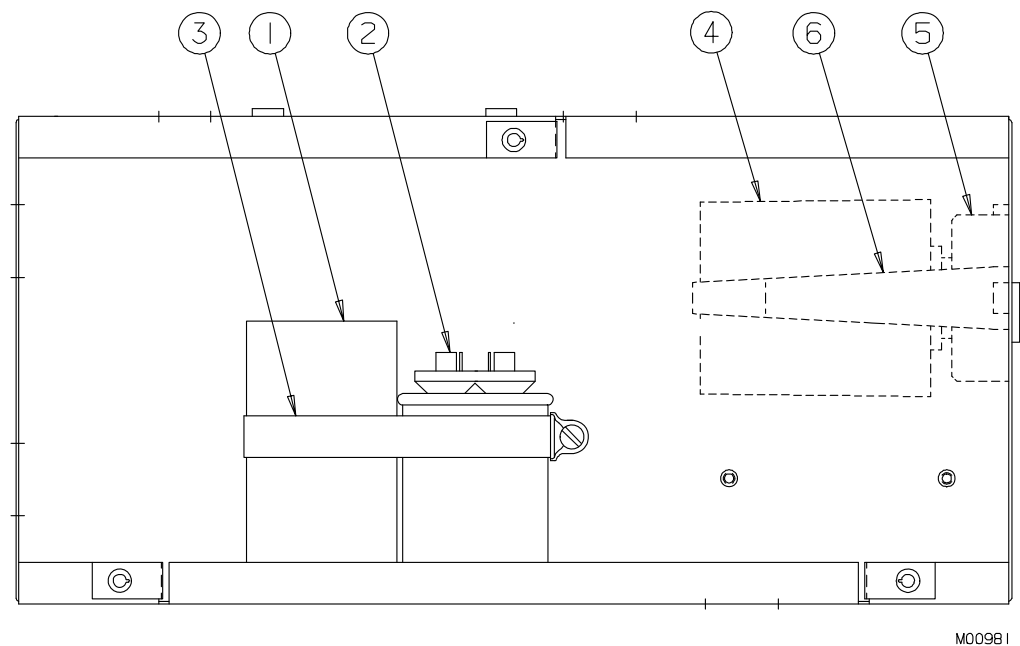
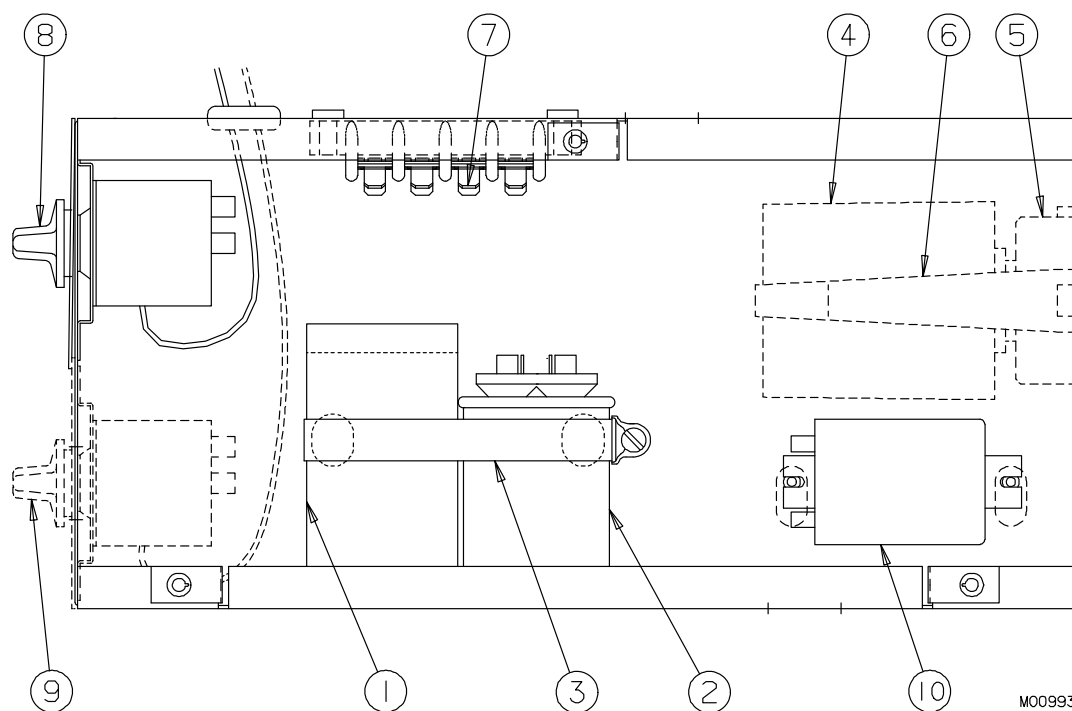


Figure 6 Capacitor Box - Models 877 and 877B

Item	Part No.	Description
1	151443	Capacitor-Start (Compressor)
2	151421	Capacitor-Run (Compressor)
3	160743	Clamp-Hose 3-1/16" to 4"
4	150124	Control-Liquid Level (Optional)
5	150119	Socket-Octal Terminal (Optional)
6	150120	Clip-Retainer (Optional)

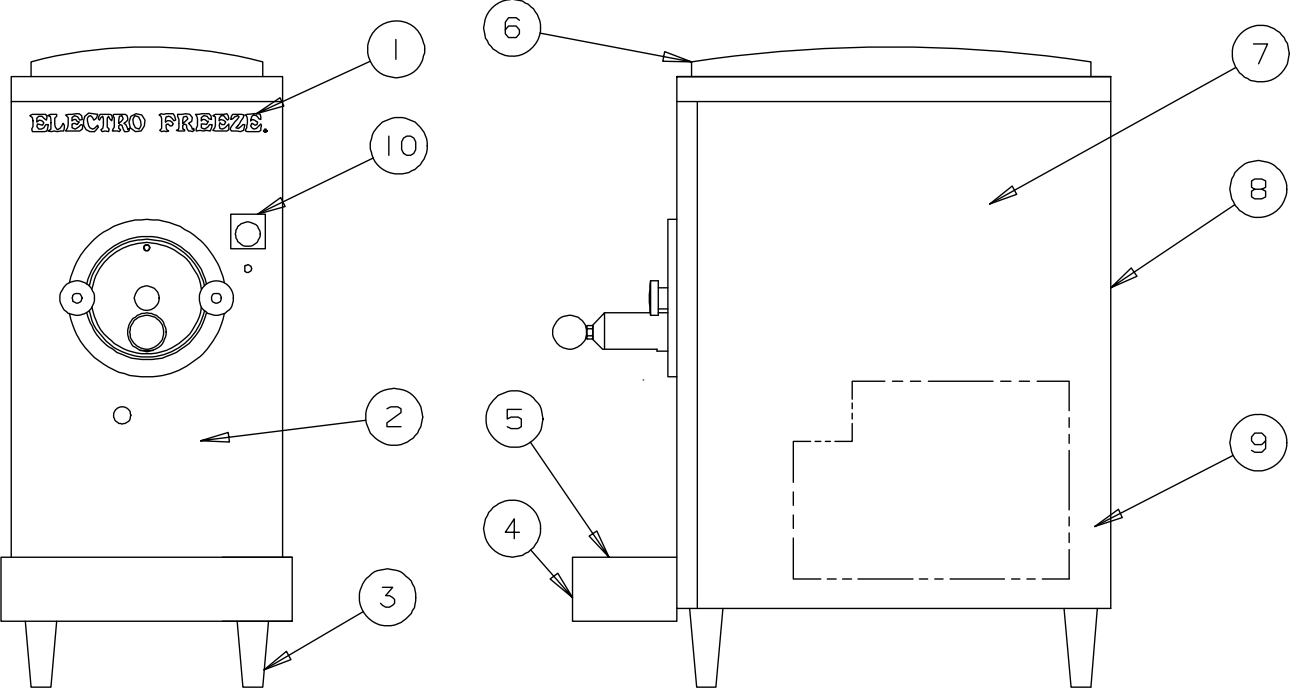


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Figure 7 Capacitor Box - Models 877RH and 877BRH

Item	Part No.	Description
1	151443	Capacitor-Start (Compressor)
2	151421	Capacitor-Run (Compressor)
3	160743	Clamp-Hose 3-1/16" to 4"
4	150124	Control-Liquid Level (Optional)
5	150119	Socket-Octal Terminal (Optional)
6	150120	Clip-Retainer (Set of 2) (Optional)
7	150795	Strip-Terminal
8	161202	Thermostat-5° Fixed Dif. (Hopper)
9	161202	Thermostat-5° Fixed Dif. (Cylinder) (Optional Night Switch)
10	150376	Relay-Flange Base

Figure 8 Panels (Page 1 of 2)



Hardware for 877 Series Counter Model Panels			
Panel	Screw	Nut-Speed	Spacer
Front	160048	--	163103
Rear	160048	--	--
Sides	160048	--	--
Drip Tray	160049	--	163103
Nameplate	--	160291	--

Decals	
Part No.	Description
165025	Beater Warning
165091	Clear Overlay
165126	Panel Removal

Figure 8 Panels (Page 2 of 2)

Item	Part No.	Description
1	165181	Nameplate-Electro Freeze
2	136383-01-C	Panel-Front
2A	136383-02	Panel-Front (Mix Low Option Only)
2B	136383-03	Panel-Front (Night Switch Option Only)
3	118616	Kit-4" Adjustable Leg w/anti Slip Pad (Kit of 4) includes: 162114 Leg-4" Adjustable 162130 Pad-Anti Slip
4	136065	Pan-Drip w/o Bottles (5 Bottle Style)
	116088	Tray-Assy. Drip & Flavor w/Decals w/o Bottles (4 Bottle Style)
	117529	Tray-Assy. Drip & Flavor w/o Decals w/o Bottles (4 Bottle Style)
5	136064	Insert-Drip Pan w/o Bottles (5 Bottle Style)
	138174	Insert-Drip Pan w/o Bottles (4 Bottle Style)
6	196121	Cover-Hopper (877, 877B)
6A	118691	Cover-Assy. Hopper Insulate (877RH, 877BRH)
7	139340	Panel-Side RH*
8	136360-01	Panel-Back
9	139339	Panel-Side LH*
10	165022	Nameplate-CLEAN/OFF/FREEZE (Rotary Switch)

Not Shown:

136959	Cover-Adjustment Hole
150548	Light-Indicator "Mix Low" (Optional)
165151	Label-Trimstrip (Optional Night Switch)
165023	Nameplate-CLEAN/OFF/FREEZE (Optional Night Switch)
165065	Decal-Cleaning Instructions (877RH and 877BRH)

* Left or right hand is determined as you face the front of the freezer.

Figure 9 Assembly (Sheet 1 of 2)

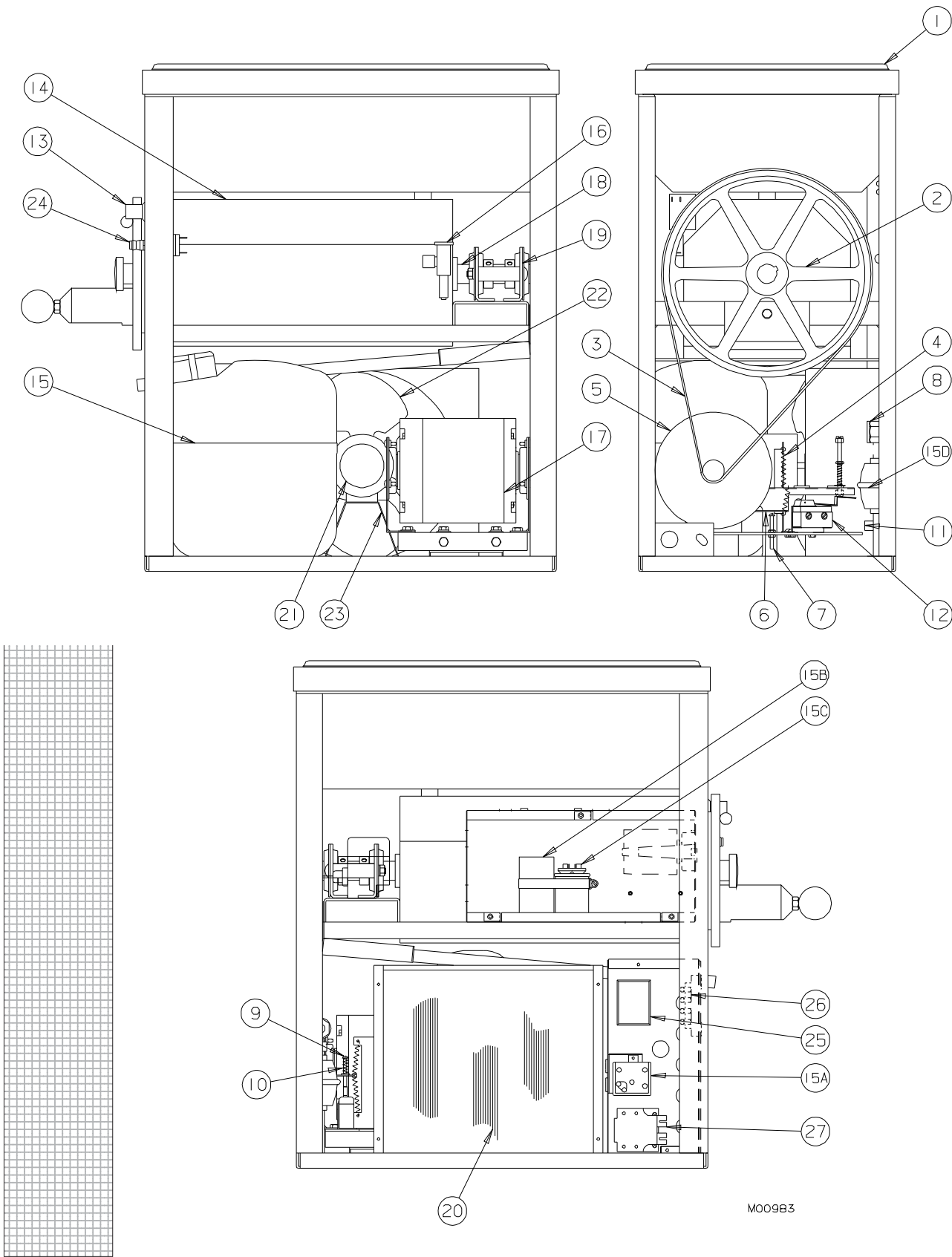


Figure 9 Assembly (Sheet 2 of 2)

Item	Part No.	Description
1	116142	Panel-Assy. Hopper and Top
2	153614	Sheave-Driven (Pulley)
3	153125	Belt-V (Drive)
4	162338	Spring-Extension Torque (Slush)
4A	162341	Spring-Extension Hi Torque (Cocktail)
5	153610	Flywheel-Driver Sheave (Pulley)
6	116414	Arm-Assy. Torque
7	160426	Screw-RDHM #8-32 x 1-3/4 ZN
7A	160102	Nut-Hex #8-32 ZN (not shown)
8	155459	Glass-Sight
9	139544	Stud-Adjusting
10	162346	Spring-Adjusting Screw
11	155450	Cut Out-High Pressure
12	114113	Switch-Assy. Torque
	136388	Switch-Torque
13	115816	Kit-Rotary Switch Replacement
13A	150462	Knob-Rotary Switch (not shown)
14	114060-C	Cylinder-Assy. Complete (877, 877B)
	116116-C	Cylinder-Assy. Complete (877RH, 877BRH)
15	117937	Compressor-Assy. 115-1-60 also includes:
15A	151410	Relay-Compressor (also see Figure 5)
15B	151443	Capacitor-Start (also see Figure 6 or 7)
15C	151421	Capacitor-Run (also see Figure 6 or 7)
15D	155063	Drier-Filter
16	155453	Valve-Automatic Expansion (Cylinder)
17	117094	Motor & Bearing Assy. (also see Figure 8)
18	136367	Shaft-Drive (also see Figure 7)
19	153024	Bearing-Wide Inner Ring & Collar
20	155128	Condenser-Air
21	151003	Motor-Fan 16 Watt 115V
22	162612	Blade-Fan-11 in 22 deg.
23	139341	Bracket-Fan Motor
24	150452	Breaker-Circuit 4.5A (also see Figure 5)
25	150263	Timer-DOM/DOB Adj. 120V (also see Figure 5)
26	150795	Strip-Terminal (also see Figure 5)
27	150339	Contact-2-Pole 110V (also see Figure 5)
Not Shown:		
	155476	Valve-1/2 Service Rotolock
	155419	Valve-Access
	151435	Kit-Compressor Mounting also includes:
	151431	Grommet-Compressor Mounting
	151432	Sleeve-Compressor Mounting
	155452	Valve-Automatic Expansion (Hopper) (877RH and 877BRH)
	155435	Valve Assy.-Solenoid (877RH and 877BRH)

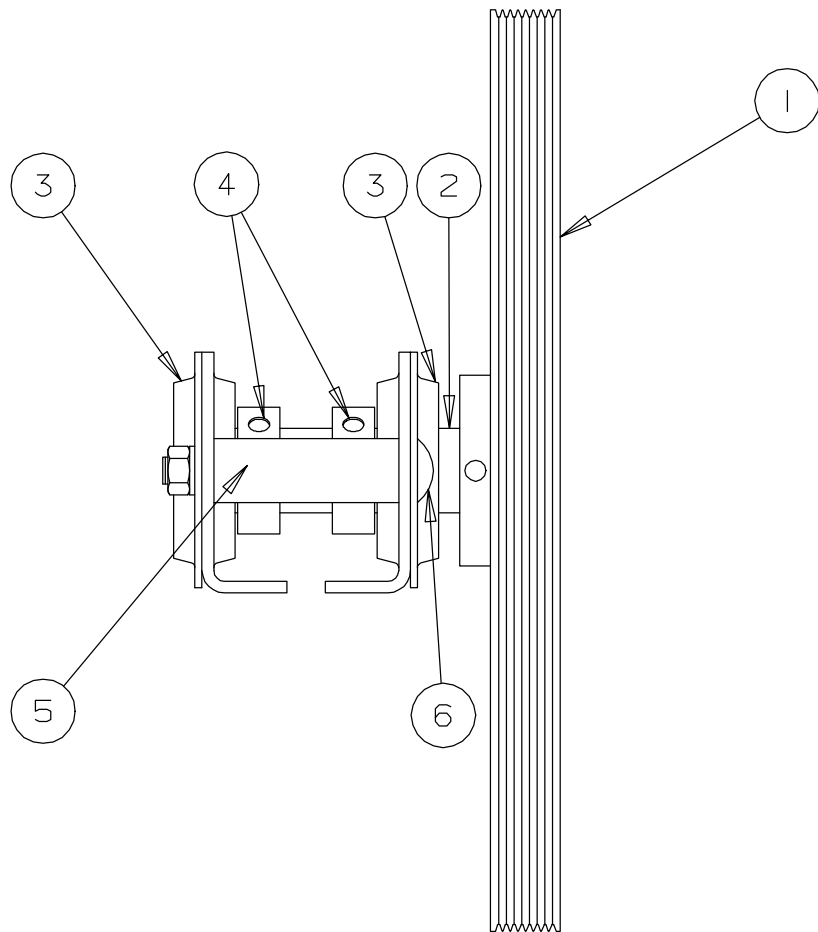


Figure 10 Drive Shaft and Bearing Assembly

Item	Part No.	Description
*	114065	Bearing Assy.-Rear w/Shaft (Includes items 2 thru 6B)
1	153614	Sheave-Driven (Pulley)
1A	160033	Screw-SK Set 5/16-18 x 3/8
2	136367	Shaft-Drive
3	153025	Stamping-Retainer Plate (Bearing)
3A	153026	Stamping-Main (Bearing)
4	153024	Bearing-Wide Inner Ring and Collar
5	130189	Spacer-Rear Bearing
6	160415	Bolt-Carriage 5/16 – 18 x 3 ZN
6A	160142	Washer-Lock 5/16 ZN
6B	160105	Nut-Hex 5/16-18 ZN

To align bearings to cylinder:

113948	Bar-Assy. Bearing Alignment (Loaner) (not shown)
113948-01	Bar-Assy. Bearing Alignment (Purchase) (not shown)

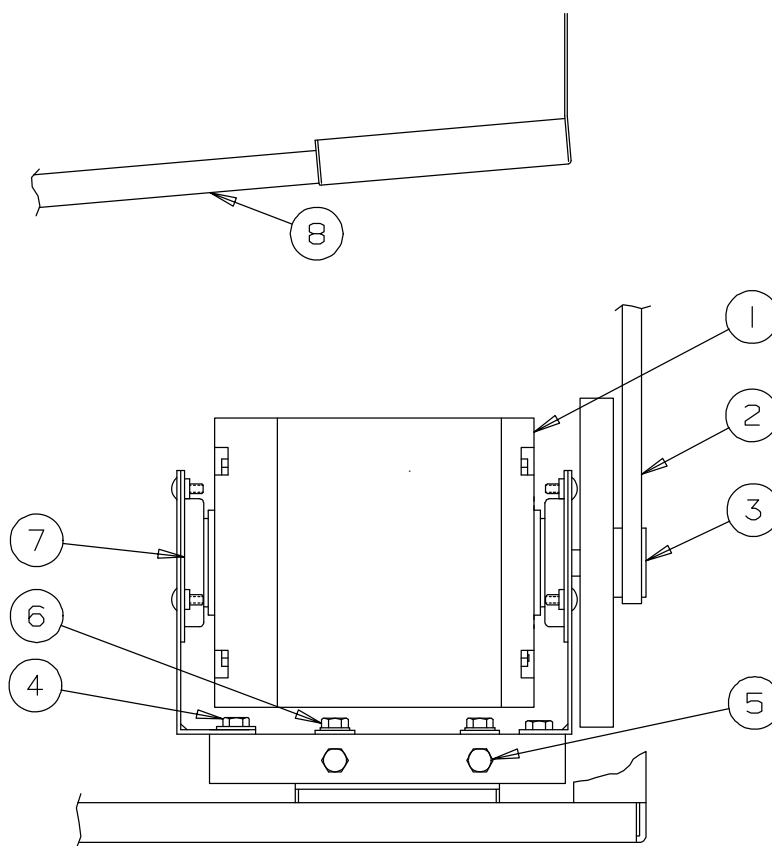


Figure 11 Motor and Bearing Assembly

Item	Part No.	Description
1*	117094	Motor & Bearing Assy.
2	153125	Belt-Poly V (Drive)
3	153610	Flywheel-Driver Sheave (Pulley)
3A	160495	Screw-SK Set 1/4-20 x 1/4
4	160021	Screw-HXHC 1/4-20 x 3/4 ZN
4A	160130	Washer-Flat 1/4 ZN
4B	160141	Washer-Lock 1/4 ZN
4C	160104	Nut-Hex 1/4-20 ZN
5	160011	Screw-HXHC 5/16-18 x 1-1/2 ZN
5A	160105	Nut-Hex 5/16-18 ZN
6	160292	Screw-HXHC 5/16-18 x 3/4 ZN
6A	160131	Washer-Flat 5/16 ZN
6B	160142	Washer-Lock 5/16 ZN
6C	160105	Nut-Hex 5/16-18 ZN
7	153027	Bearing-Motor Mount
7A	115790	Bearing-Assy. Retainer-(Front)
7B	115791	Bearing-Assy. Retainer-(Rear)
8	116106	Tube-Assy. Drain

Includes items 7, 7A and 7B.

Accessories

Part Number	Description
116110	Ad Kit-Slush Posters
199504	Bottles-Flavor Plastic
158026	Brush-1 in Dia 12 in Long
158077	Brush-9/16 in w/36 in Handle
150604	Cord-Molded Plug
165241	Decals-Six Flavor Slush
169212	Dispenser-Cup (EL20 6-12 oz.)
169213	Dispenser-Cup (EL30 16-24 oz.)
155634	Fitting & Gaskets-3/4" 15 Gallon Container
138174	Insert-Drip Pan (Flavor Tray 4 Bottle Style)
136064	Insert-Drip Pan w/o Bottles (Flavor Tray 5 Bottle Style)
118186	Kit-Drip Tray Complete (4 Bottle Style)
115543	Kit-O-ring (for models w/ removable hopper)
116278	Kit-O-ring (for models w/o removable hopper)
116110	Kit-Slush Poster
162114	Leg-Adjustable Four Inch
158054A	Lubricant-Lubri Film 4 oz. tube
169124	Pumps-Slush Flavor Plastic
110014	Rack-Assy 5 Jars Complete (5 Bottle Style)
113851	Rack(only)-Assy. Five Flavor (5 Bottle Style)
158043	Rod-Stir Stainless
116228	Sign-Assy. Illuminated w/Mounting
118503	Sign-Kit Cocktail 877
118502	Sign-Kit Lemonade 877
118501	Sign-Kit Slush 877
118500	Sign-Kit Smoothie 877
113324	Spigot-Assy. w/Fitting & Gasket
162703	Spigot (only) 15 Gallon Container
169302	Pump (only)-Submersible
113073	Tank-Assy. 15 Gallon (w/lid and spigot)
163300	Tank-15 Gallon PVC (only)
116088	Tray-Assy. Drip & Flavor w/Decals w/o Bottles (4 Bottle Style)
136065	Tray-Drip & Flavor w/o Bottle (5 Bottle Style)
196058	Tubing 1/2" I.D. x 5/8 O.D.

Alphabetized Parts List

IMPORTANT: All parts shown are for standard models designed for 115V/60Hz/1phase.

PART DESCRIPTION	PART NUMBER	QTY	SERIAL NUMBER (FROM – TO)	
Ad Kit-Slush Signs	116110	*		
Arm-Assy. Torque	116414	1	396	–
Arm-Assy. Torque	115792	1	591-13992	– 296
Arm-Assy. Torque (NLA)	112897	1	582-10467	– 591-13992
Bearing-Assy. w/shaft	114065	1	582-10467	–
Bearing w/locking-Drive Shaft Assy.	153024	2	582-10467	–
Bearing-Motor Mount	153027	1	582-10467	–
Belt-Poly V 430J4 (Drive)	153125	1	582-10467	–
Blade-Fan 10 in 22 deg.	162610	1	582-10467	– 1298
Blade-Fan 11 in 22 deg.	162612	1	199	–
Blade-Scraper	136382	2	582-10467	–
Board-Terminal	150827	1	582-10467	–
Bottles-Flavor Glass (NLA use 199504)	199501	*		
Bottles-Flavor Plastic	199504	*		
Bracket-Current Relay	136535	1	582-10467	–
Bracket-Fan Motor	162611	1	582-10467	– 1298
Bracket-Fan Motor	139341	1	199	–
Bracket-Torque Spring	134661	1	582-10467	–
Bracket-Torque Switch	134632	1	582-10467	–
Breaker-Circuit-4.5 Amp	150452	1	199	–
Breaker-Circuit-5.0 Amp	150451	1	591-13992	– 1298
Breaker-Circuit-4.5 Amp	150452	1	885-11839	– 591-13992
Bushing-Head (Door)**	136246	1	582-10467	–
* As Required ** Items Included In O-Ring Kit No. 116278 *** LH or HR — Left or right hand is determined as you face the front of freezer. NLA No longer available.				

Alphabetized Parts List

IMPORTANT: All parts shown are for standard models designed for 115V/60Hz/1phase.

PART DESCRIPTION	PART NUMBER	QTY	SERIAL NUMBER (FROM – TO)	
Compressor-Assy. R-404a				
AJA2419ZXA AJ303AT-336-A4	117937	1	500-19418	–
Capacitor-Run (Compressor)	151421	1	500-19418	–
Capacitor-Start (Compressor)	151443	1	500-19418	–
Relay-Compressor	151410	1	500-19418	–
Drier-Filter	155063	1	500-19418	–
Compressor-Assy. R502 (BRH)				
AJ570AT-205-A4	116824	1	500-19413	– 500-19417
Capacitor-Run (Compressor)	151421	1	500-19413	– 500-19417
Capacitor-Start (Compressor)	151426-01	1	500-19413	– 500-19417
Relay-Start/Run	151427-01	1	500-19413	– 500-19417
Drier-Filter	155063	1	500-19413	– 500-19417
Compressor-Assy. R-404a				
AJA2419ZXA AJ303AT-336-A4	117937	1	199	– 500-19412
Capacitor-Run (Compressor)	151421	1	199	– 500-19412
Capacitor-Start (Compressor)	151443	1	199	– 500-19412
Relay-Compressor	151410	1	199	– 500-19412
Drier-Filter	155063	1	199	– 500-19412
Compressor-Assy. R-12				
AJ2425AAJ601AT-336-A4	115192	1	582-10467	– 1298
Capacitor-Start	151430	1	582-10467	– 1298
Drier-Filter	155063	1	582-10467	– 1298
Relay-Compressor	151429	1	582-10467	– 1298
Condenser-Air	155128	1	199	–
Condenser Assy.- Air 1/2 HP 1ph	115808	1	582-10467	– 1298
Conduit-1/2 Thinwall Extra Flex	150665	1	582-10467	–
Connector-3/8 x 45 Deg	150712	1	582-10467	–
Contacto-2-Pole 110V	150339	1	582-10467	–
Container (Tank)-15 Gallon (only)	163300	1	582-10467	–
Container (Tank)-15 Gallon (w/lid & spigot)	113073	1	582-10467	–
Cord-Molded Plug (Power Cord)	150601	1	201	–
Cord-Molded Plug (Power Cord)	150604	1	992-14686	– 201
* As Required ** Items Included In O-Ring Kit No. 116278 *** LH or RH — Left or right hand is determined as you face the front of freezer. NLA No longer available.				

Alphabetized Parts List

IMPORTANT: All parts shown are for standard models designed for 115V/60Hz/1phase.

PART DESCRIPTION	PART NUMBER	QTY	SERIAL NUMBER (FROM – TO)	
Cord-Molded Plug (Power Cord) (NLA use 150604)	150603	1	582-10467	– 992-14686
Cotter-Pin (NLA)	160326	1	582	– 693
Cover-Adjustment Hole (Access)	136959	1	582-10467	–
Cover-Hopper	196121	1	594-15788	–
Cover-Hopper (NLA use 196121)	196029	1	582-10467	– 594-15788
Cover-Hopper Insulated (877RH and 877BRH)	118691	1	200-19300	–
Cover-Switch Bottom	135004	1	582-10467	–
Cup Seal (Beater Shaft)	160557	1	582-10467	–
Cup Seal Assy.-Complete (Beater Shaft)	117215	1	1098	–
Cut Out-High Pressure (404A)	155450	1	1098	–
Cut Out-High Pressure (R12)	155402	1	795-16483	– 1098
Cylinder-Assy. Complete	114060-C	1	582-10467	–
Cylinder-Assy. Complete (877BRH, 877RH with night switch)	116116-C	1	200-19300	–
Cylinder-Assy Complete (877BRH, 877RH)	116116-C	1	401	–
Decal-Beater Warning	165025	1	582-10467	–
Decal-Cleaning Instructions (877BRH, 877RH)	165065	1	700	–
Decal-Clear Overlay	165093	1	582-10467	–
Decal-Panel Removal	165126	6	582-10467	–
Decal-Six Flavors Slush	165241	1	582-10467	–
Dispenser-Cup-EL20 6-12 oz.	169212	1	582-10467	–
Dispenser-Cup-EL30 16-24 oz.	169213	1	582-10467	–
Door-Assy.	See "Head-Assy."			
Drier-Filter (Sweat)	155063	1	197	–
Drier-Filter (Flare)(NLA use 155063)	155463	1	582-10467	– 1296
Drive Shaft	136367	1	582-10467	–
* As Required ** Items Included In O-Ring Kit No. 116278 *** LH or HR — Left or right hand is determined as you face the front of freezer. NLA No longer available.				

Alphabetized Parts List

IMPORTANT: All parts shown are for standard models designed for 115V/60Hz/1phase.

PART DESCRIPTION	PART NUMBER	QTY	SERIAL NUMBER (FROM – TO)
Fitting & Gaskets-3/4" 15 Gal. Container	155634	1	582-10467 –
Flywheel-Driver Pulley	153610	1	582-10467 –
Glass-Sight (Flare) (NLA use 155459)	155460	1	582-10467 – 1296
Glass-Sight (Sweat)	155459	1	197 –
Head Assy.-Complete (Door)	114991	1	792-14561 –
Bushing-Door	114988	1	792-14561 –
Head w/Valve Body & Air Relief Hole (Door)	114988	1	792-14561 –
Knob-Ball 3/8-16 THD Black	162629	1	792-14561 –
Nut-Piston Rod	139274	1	792-14561 –
O-ring (Plug)	160561	2	792-14561 –
O-ring (Outlet-Nozzle & Piston-Plunger)	160582	2	792-14561 –
O-ring (Rod)	160610	2	792-14561 –
Outlet-Valve (Nozzle)	136249-01	1	792-14561 –
Piston-Valve	136253	1	792-14561 –
Plug-Assy. Air Bleed	115416	1	792-14561 –
Rod-Assy. Piston	113999	1	792-14561 –
Spring-Pull Valve	162319	1	792-14561 –
Insert-Drip Pan (5 Bottle Style)	136064	1	582-10467 –
Insert-Drip Pan (4 Bottle Style)	138174	1	582-10467 –
Kit-Compressor 3/4 HP Mounting	151435	1	582-10467 –
Knob-Ball	162629	1	582-10467 –
Knob-Hand	162634	2	582-10467 –
Knob-Rotary Switch	150462	1	582-10467 –
Label-Trimstrip (Optional Night Switch)	165151	1	1096 –
Leg-Adjustable 4-inch w/o slip pad	162114	4	894-15955 –
Leg-Adjustable 4-inch (NLA use 162114)	162102	4	582-10467 – 894-15955
Leg-Adjustable Kit of 4 w/slip pad	118616	1	894-15955 –
* As Required ** Items Included In O-Ring Kit No. 116278 *** LH or RH — Left or right hand is determined as you face the front of freezer. NLA No longer available.			

Alphabetized Parts List

IMPORTANT: All parts shown are for standard models designed for 115V/60Hz/1phase.

PART DESCRIPTION	PART NUMBER	QTY	SERIAL NUMBER (FROM – TO)	
Motor & Bearing Assy. (4.5 Amp)	117094	1	199	–
Motor & Bearing Assy. (5.0 Amp) (NLA use 117094)	114633	1	591-13992	– 1298
Motor & Bearing Assy. (4.5 Amp)	117094	1	885-11839	– 591-13992
Motor-Fan 16 Watt 115V	151003	1	199	–
Motor-Fan 9 Watt 115V	151002	1	582-10467	– 1298
Nameplate-CLEAN/OFF/FREEZE (Rotary Switch)	165022	1	582-10467	–
Nameplate-CLEAN/OFF/FREEZE (Toggle Switch-Optional Night Switch)	165023	1	582-10467	–
Nameplate -Electro Freeze	165181	1	582-10467	–
Nozzle (Outlet-Valve)	136249-01	1	582-10467	–
Nut-Cap #10-32 Adjusting Screw	160092	1	582-10467	–
Nut-Hex #8-32 ZN	160102	1	582-10467	–
Nut-Hex 1/4-20 ZN	160104	1	582-10467	–
Nut-Hex 5/16-18 ZN	160105	1	582-10467	–
Nut-Jam (NLA use 139274 Nut-Piston Rod)	160452	1	582-10467	–
Nut-Piston Rod	139274	1	582-10467	–
Nut-Speed #10-24	159132	1	582-10467	–
O-ring-Head**	160622	1	582-10467	–
O-ring-Kit (For Secured Hopper)	116278	1	193	–
O-ring-Kit (For Removable Hopper)	115543	1	582-10467	– 193
O-ring-Nozzle and Plunger**	160582	1	582-10467	–
O-ring-Plug Air Relief**	160561	1	582-10467	–
O-ring-Rod**	160610	1	582-10467	–
* As Required ** Items Included In O-Ring Kit No. 116278 *** LH or HR — Left or right hand is determined as you face the front of freezer. NLA No longer available.				

Alphabetized Parts List

IMPORTANT: All parts shown are for standard models designed for 115V/60Hz/1phase.

PART DESCRIPTION	PART NUMBER	QTY	SERIAL NUMBER (FROM – TO)
Nozzle (Outlet-Valve)	136249-01	1	582-10467 –
Pad-Foot Anti Slip	162130	4	894-15955 –
Pan-Reservoir Removable (NLA)	114057	1	582 – 1096
Panel-Assy. Hopper and Top	116142	1	295-16270 –
Panel-Assy. Hopper and Top (877RH and 877BRH)	117134	1	200-19300 –
Panel-Back (Stainless Steel)	136360-01	1	1096 –
Panel-Back (Woodgrain) (NLA use 136360-01)	136360	1	582-10467 – 1096
Panel-Front (Mix Low Option Only)	136383-02	1	1096 –
Panel-Front (Night Switch Option Only)	136383-03	1	1096 –
Panel-Front (Stainless Steel)	136383-01-C	1	1096 –
Panel-Front (Woodgrain) (NLA use 136383-01-C)	136838	1	582-10467 – 1096
Panel-Side LH* (Stainless Steel)	139339-C	1	1098 –
Panel-Side LH* (Stainless Steel)	136361-01-C	1	1096 – 1098
Panel-Side LH* (Woodgrain) (NLA use 139339-C)	136361	1	582-10467 – 1096
Panel-Side RH* (Stainless Steel)	139340-C	1	1098 –
Panel-Side RH* (Stainless Steel)	136362-01-C	1	1096 – 1098
Panel-Side RH* (Woodgrain) (NLA use 139340-C)	136362	1	582-10467 – 1096
Plunger (Piston-Valve)	136253	1	582-10467 –
Plate-Bearing Main	153026	1	286-11983 –
Plate-Bearing Retainer	153025	1	286-11983 –
Plug-Air Relief	115416	1	582-10467 –
Plunger (Piston-Valve)	136253	1	582-10467 –
Probe-Mix Level Indicator	137061	1	582-10467 –
Pulley-Driven (Sheave)	153614	1	185 –
* As Required ** Items Included In O-Ring Kit No. 116278 *** LH or RH — Left or right hand is determined as you face the front of freezer. NLA No longer available.			

Alphabetized Parts List

IMPORTANT: All parts shown are for standard models designed for 115V/60Hz/1phase.

PART DESCRIPTION	PART NUMBER	QTY	SERIAL NUMBER (FROM - TO)
Pulley-Driven (Sheave)(NLA)	135689	1	582-10467 – 185
Pulley-Driver (Flywheel Sheave)	153610	1	582-10467 –
Pump (only)-Submersible	169302	1	582-10467 –
Pump-Submersible-Hook & Hose (NLA)	110027	1	582-10467 –
Pumps-Flavor Glass Bottles (NLA use 169124)	169125	1	582-10467 –
Pumps-Flavor Plastic Bottles	169124	1	582-10467 –
Quad Ring**	160597	1	398-18024 –
Quad Ring-Screw Air Relief	160605	1	582-10467 – 688
Rack Assy.-5 Jar-Complete (NLA)	114062	1	1092-14727 –
Rack-Assy.(only)-Five Flavor Jars	113851	1	1092-14727 –
Relay-Flange Base (877RH and 877BRH)	150376	1	200-19300 –
Relay-Start/Run (Compressor)	151410	1	199 –
Relay-Start/Run (Compressor)	151429	1	582-10467 – 1298
Rod-Assy. Piston (Plunger)	113999	1	582-10467 –
Rod-Stir-Stainless	158043	1	582-10467 –
Screw-HXHC 1/4-20-3/4 ZN	160021	1	582-10467 –
Screw-HXHC 5/16-18 x 3/4 ZN	160292	1	582-10467 –
Screw-HXHC 5/16-18 x 1-1/2 ZN	160011	1	582-10467 –
Screw-Product Adjusting (Plastic)	196015	1	582-10467 – 202
Screw-SK Set 1/4-20 x 1/4	160495	1	582-10467 –
Screw-SK Set 5/16-18 x 3/8 BKOX	160033	1	582-10467 –
Screw-Stop	160426	1	582-10467 –
Screw-TRPM 1/4-20 X 1/2 (Panels)	160048	1	582-10467 –
Screw-TRPM #10-24 x 1/2 SST (Cover Access)	160076	1	582-10467 –
* As Required ** Items Included In O-Ring Kit No. 116278 *** LH or HR — Left or right hand is determined as you face the front of freezer. NLA No longer available.			

Alphabetized Parts List

IMPORTANT: All parts shown are for standard models designed for 115V/60Hz/1phase.

PART DESCRIPTION	PART NUMBER	QTY	SERIAL NUMBER (FROM – TO)
Screw-TRPM #8-32 x 1/2 SST	160049	1	582-10467 –
Seal-Assy. Shaft-Complete	113824	1	582-10467 – 1096
Seal-Assy. Shaft-Complete**	117215	1	1196 –
Seal-Beater Shaft (Cup Only)	160557	1	1196 –
Shaft-Beater (Reel-Assy.)	114081	1	582-10467 –
Shaft-Drive	136367	1	582-10467 –
Sign-Illuminated Slush (NLA)	113860	1	1093-15390 –
Spacer-Rear Bearing	130189	1	582-10467 –
Sign-Kit Cocktail	118503	*	
Sign-Kit Lemonade	118502	*	
Sign-Kit Slush	118501	*	
Sign-Kit Smoothie	118500	*	
Spacer-Drip Tray and Flavor Rack	163103	1	582-10467 –
Spigot (only) 15 Gallon Container	162703	1	582-10467 –
Spigot Assy. (w/Fitting & Gasket)	113324	1	582-10467 –
Spring-Adjusting Screw	162346	1	582-10467 –
Spring-Pull Valve Plunger	162319	1	582-10467 –
Spring-Scraper Blade	136381	2	582-10467 –
Spring-Torque Cocktail (Red)	162341	1	582-10467 –
Spring-Torque Slush (Silver)	162338	1	582-10467 –
Strip-Terminal	150795	1	582-10467 –
Stud-Adjusting (Consistency Control)	139544	1	202 –
Stud-Assy. Cylinder 1-15/16 in.	114341	2	582-10467 –
Switch-Rotary Replacement Kit (CLEAN/OFF/FREEZE)	115816	1	991-14142 –
Switch-Rotary Selector (NLA use 115816)	150459	1	582-10467 – 991-14142
Switch-Toggle (CLEAN/OFF/FREEZE) (Optional Night Switch)	150465	1	582-10467 –
* As Required ** Items Included In O-Ring Kit No. 116278 *** LH or RH — Left or right hand is determined as you face the front of freezer. NLA No longer available.			

Alphabetized Parts List

IMPORTANT: All parts shown are for standard models designed for 115V/60Hz/1phase.

PART DESCRIPTION	PART NUMBER	QTY	SERIAL NUMBER (FROM – TO)	
Switch-Torque	136388	1	582-10467	–
Switch-Torque (w/cord)	114113	1	582-10467	–
Thermostat-Hopper (877RH and 877BRH)	161202	1	200-19300	–
Timer-30 Sec Delay on Make (2 prong)	150206	1	582-10467	–
Timer-60 Sec Delay on Break (5 prong)	150205	1	582-10467	–
Tray-Drip Kit (4 Bottle Style)	118186	1	1092-14727	–
Bottle-Flavor Plastic	199504	4	1092-14727	–
Decal-Six Flavor Slush	165241	1	1092-14727	–
Insert-Drip Pan	138174	1	1092-14727	–
Pump-Slush Flavor Plastic	169124	4	1092-14727	–
Tray-Assy. Drip & Flavor	116088	1	1092-14727	–
Tray-Assy. Drip & Flavor (Tray only)	117529	1	1092-14727	–
Decal-Self Serve	165236	1	1092-14727	–
Tray-Drip (5 Bottle Style) (Pan-Drip)	136065	1	1092-14727	–
Tray-Drip (NLA)	113840	1	582-10467	– 1092-14727
Tube-Assy. Drain	116106	1	395-16312	–
Tubing-1/2" ID x 5/8" OD	196058	*	582-10467	–
Valve-1/2 Service Rotolock (Sweat)	155476	1	901	–
Valve-Access	155419	1	582-10467	–
Valve-Automatic Expansion (Sweat)(Cyl.)	155453	1	199	–
Valve-Automatic Expansion (Flare)(Cyl.)	155412	1	993-15299	– 1298
Valve-Automatic Expansion (Flare)(Cyl.)	155416	1	582-10467	– 993-15299
Valve-Automatic Expansion (Hopper) (877RH and 877BRH)	155452	1	200-19300	–
Valve-Solenoid 115V (RH Model Only)	155435	2	200-19300	–
Washer-Flat 1/4 ZN	160130	1	582-10467	–
Washer-Flat #10 ZN-Adjusting Screw	160138	1	582-10467	–
* As Required ** Items Included In O-Ring Kit No. 116278 *** LH or HR — Left or right hand is determined as you face the front of freezer. NLA No longer available.				

Alphabetized Parts List

IMPORTANT: All parts shown are for standard models designed for 115V/60Hz/1phase.

PART DESCRIPTION	PART NUMBER	QTY	SERIAL NUMBER (FROM – TO)
Washer-Flat 5/16 ZN	160131	1	582-10467 –
Washer-Lock 1/4 ZN	160141	1	582-10467 –
Washer-Lock 5/16 ZN	160142	1	582-10467 –
Washer-Shaft Seal	139006	1	582-10467 –
* As Required ** Items Included In O-Ring Kit No. 116278 *** LH or RH — Left or right hand is determined as you face the front of freezer. NLA No longer available.			

Cleaning & Sanitizing Electro Freeze® 876/877 Series 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 as detailed in the Electro Freeze 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 dish detergent. The following parts should be cleaned with the appropriate brush supplied.
 - a. The head plunger openings, bushing cavities, air relief hole, dispense nozzle, mounting holes and mix ports.
 - b. The shaft seal, bushing, nozzle, plunger O-ring grooves, and rod.
 - c. The beater shaft inside spring mounting holes and the scraper blade mounting indentations.
3. After all parts are washed, rinse and place in sanitizer solution. For proper sanitizing, the parts must remain in the sanitizer for 5 minutes. Allow parts to air dry.
4. Wipe down the freezer with the approved sanitizing solution and thoroughly brush out the inside of the hopper, the hopper cover and mix feed port to the cylinder.
6. Brush the inside of the cylinder, making certain to clean the back wall of the cylinder.
7. Brush the inside of the drain tube.

ASSEMBLY

1. Assemble and lubricate in accordance with Operator's Manual.

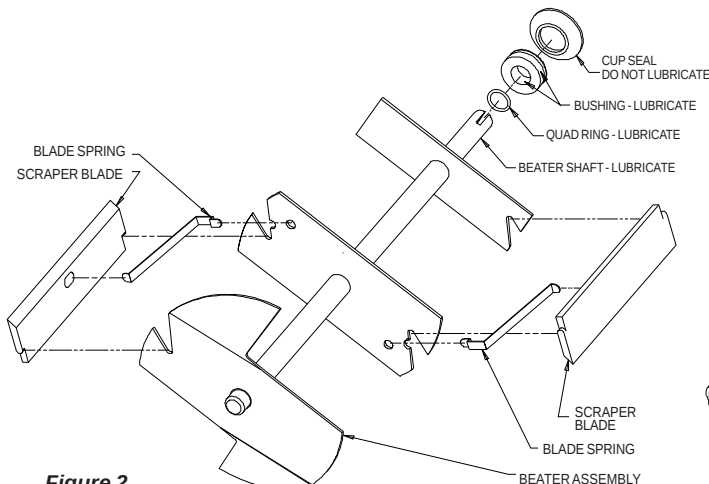


Figure 2
Beater Shaft Assembly

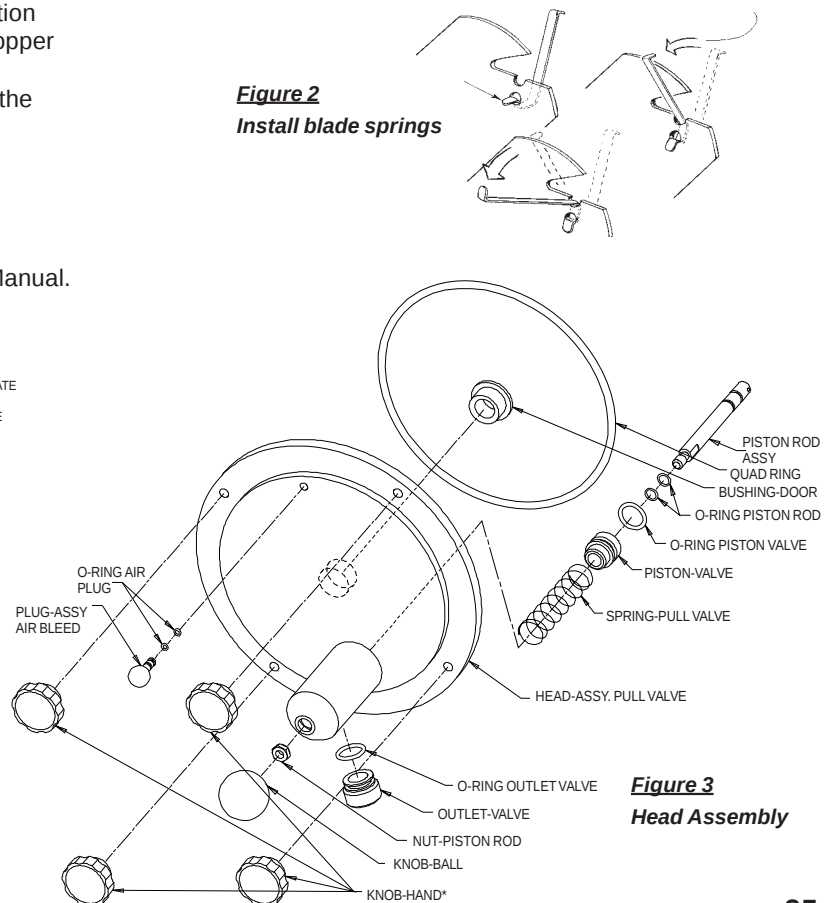


Figure 3
Head Assembly

* NOTE: 877 SERIES HAS ONLY 2 HAND KNOBS.

SANITIZING

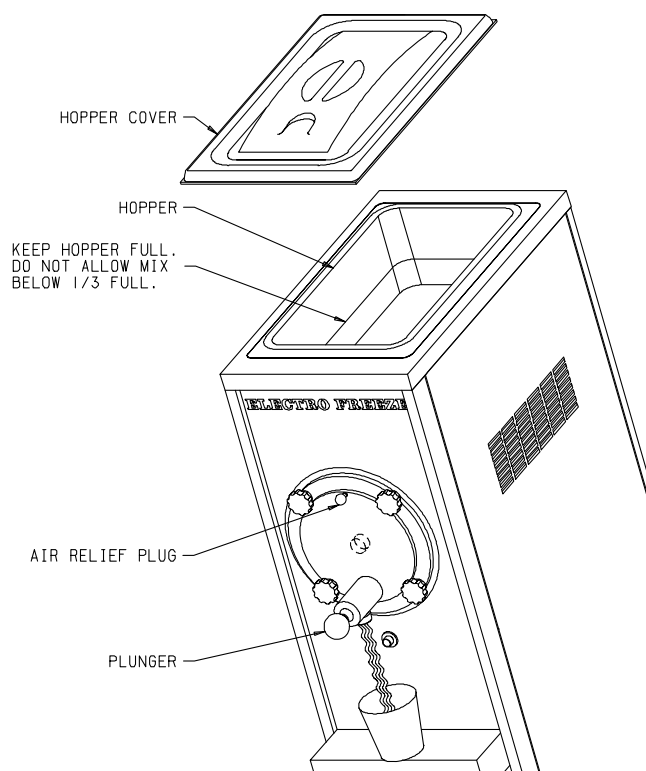
1. Wash and sanitize your hands and forearms.
2. Prepare 4 gallons (15.2 liters) of sanitizing solution in a container. The sanitizing solution must be mixed according to manufacturer's instructions to yield 100 PPM (parts per million) available chlorine solution (i.e., Stera-Sheen or equivalent). The sanitizing procedure is always done just prior to starting the freezer.
3. Pour sanitizing solution into the hopper pan. Using a clean brush, wash down the hopper walls, hopper cover and the mix feed port from the hopper to the cylinder.
4. Remove the air relief plug and allow the sanitizer to flow into the cylinder. Replace the plug when sanitizer reaches the bottom of air plug opening.
5. 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.
6. At this time check for leaks around the head, plunger and drain tube.
7. Place an empty container under the dispensing head, and drain the solution by opening the plunger to allow the cylinder and hopper to empty.
8. When the sanitizing solution has drained from the freezer, turn the selector switch to the "OFF" position.

See Priming the Freezer.

Figure 2
Install blade springs

PRIMING THE FREEZER

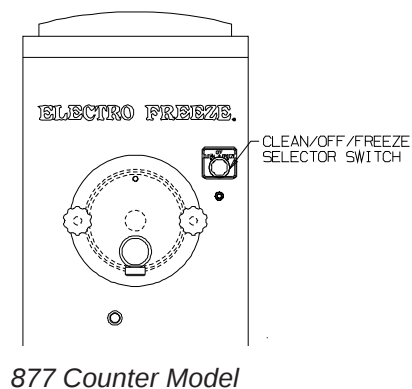
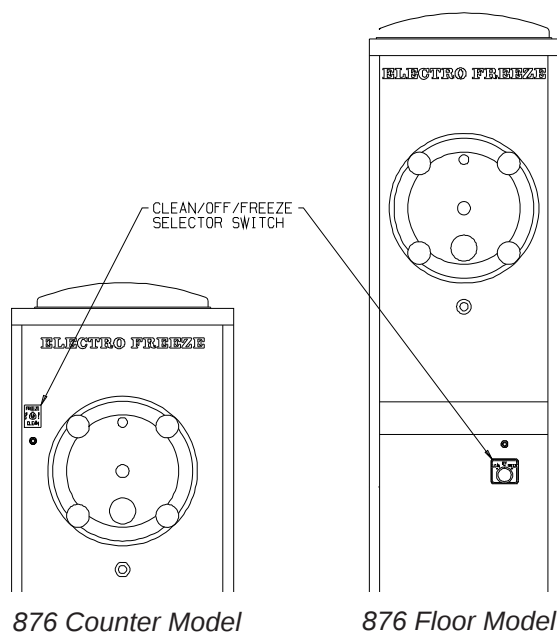
1. Make sure that your hands, forearms and all freezer assemblies are sanitized.
2. While holding the plunger open, pour the mix directly into the hopper, allowing the mix to force out any remaining sanitizer (approximately 8 ounces).
3. When *pure* mix appears (all sanitizer has been expelled), close the plunger.
4. Remove the air relief plug and allow the cylinder to fill with mix. Replace air plug when the mix reaches the bottom of the air plug opening.



5. Finish filling the hopper with mix. The 876 freezers will hold 8.5 gallons (32.3 liters)—3.5 gallons (13.2 liters) in the freezer cylinder and 5 gallons (18.9 liters) in the hopper. The 877 freezers will hold 6.5 gallons (24.6 liters)—1.5 gallons (5.7 liters) in the freezer cylinder and 5 gallons (18.9 liters) in the hopper.

NOTE: Do not allow the level of mix in the hopper to fall below 1/3 full.

6. Turn the selector switch to the “FREEZE” position.



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 distributor or the freezer manufacturer, Electro Freeze Service Department, 2116 Eighth Avenue, East Moline, IL 61244, (309) 755-4553 or FAX (309) 755-9858.