



REPLACEMENT PARTS MANUAL

with Illustrations

GENESIS SERIES
Combination Soft Serve and
Shake Freezer
Model GES-2080

185264— 6/19

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.

Place your parts order through your local authorized Electro Freeze Distributor. Returned parts must receive authorization prior to shipment.

Name: _____

Address: _____

Phone: _____

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

Phone: (309) 755-4553

(800) 755-4545

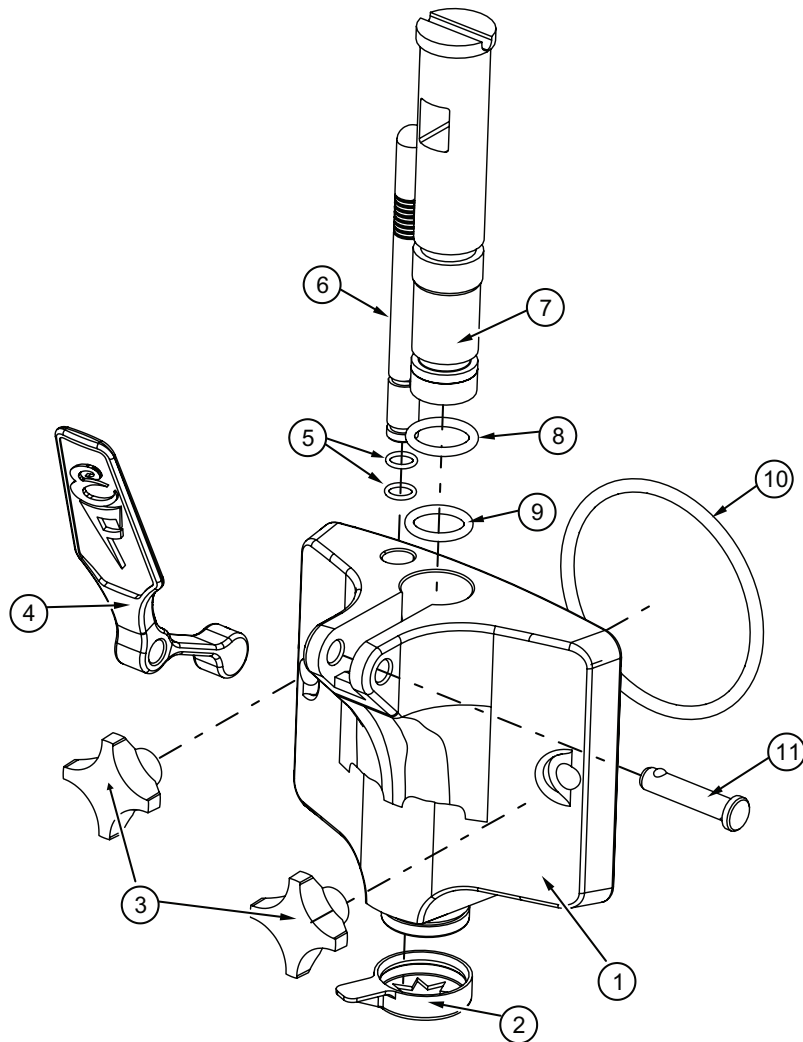
FAX: (309) 755-9858

E-Mail: Service@hcduke.com



Replacement Parts

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Figure 1 Soft Serve Head Assembly

Item	Part No.	Description
*	HC118902	Head - Assy. Ported w/Actuator & Bleed (Complete)
1	HC118566	Head - Assy. (Head only)
2	HC196185	Nozzle - Serrated
3	HC136798	Knob - Hand
4	HC191021	Handle - Assy
5	HC160610	O-ring (Plug)
6	HC138149	Plug - Air Bleed
7	HC139581	Plunger - Dispense Self Close
8	HC160501	O-ring (Plunger - Upper)
9	HC160582	O-ring (Plunger - Lower)
10	HC160583	O-ring (Head)
11	HC160268	Pin - Handle

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

Not Shown:

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

Figure 2 Shake Head Assembly (sheet 1 of 2)

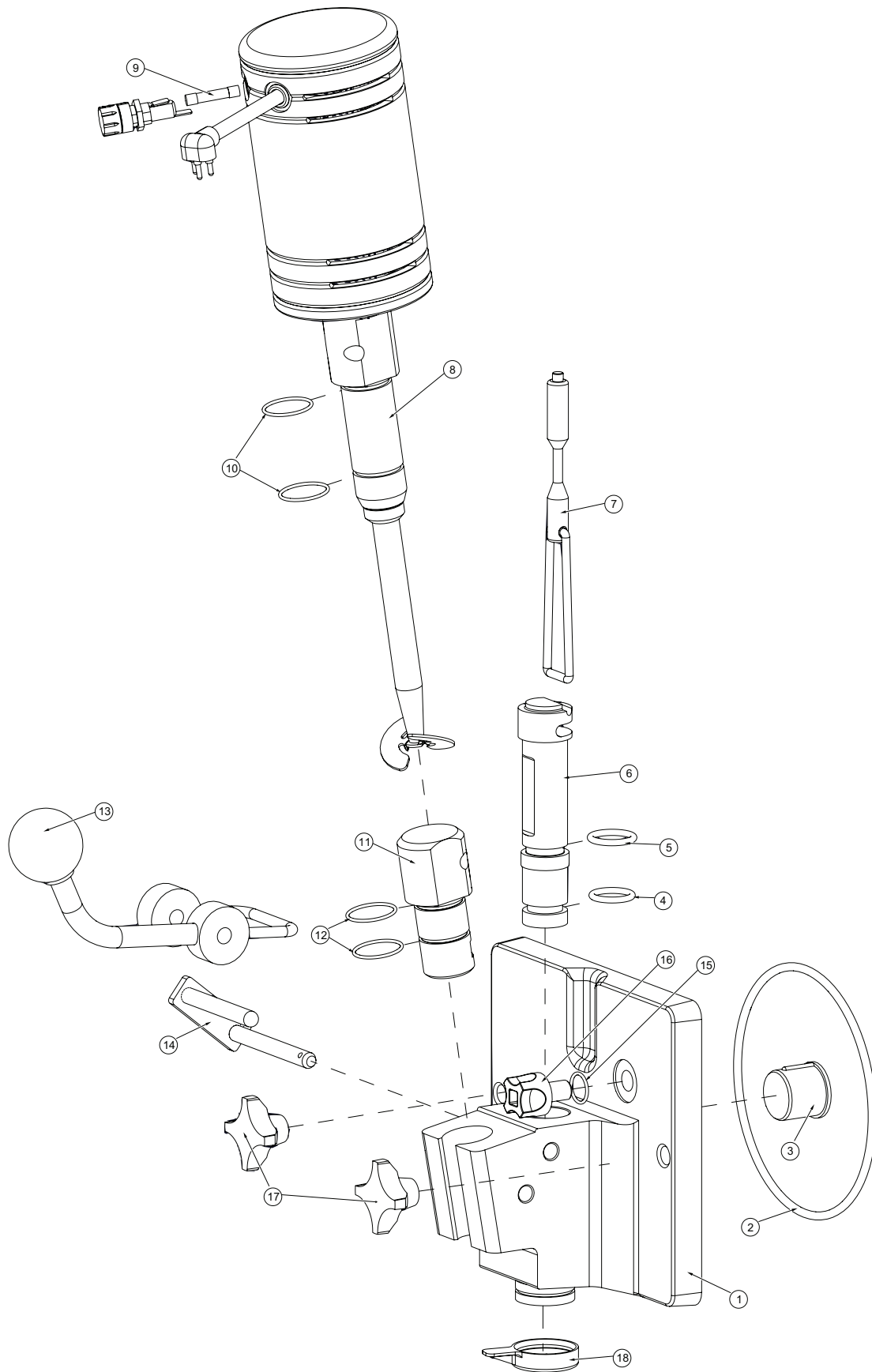


Figure 2 Shake Head Assembly (sheet 2 of 2)

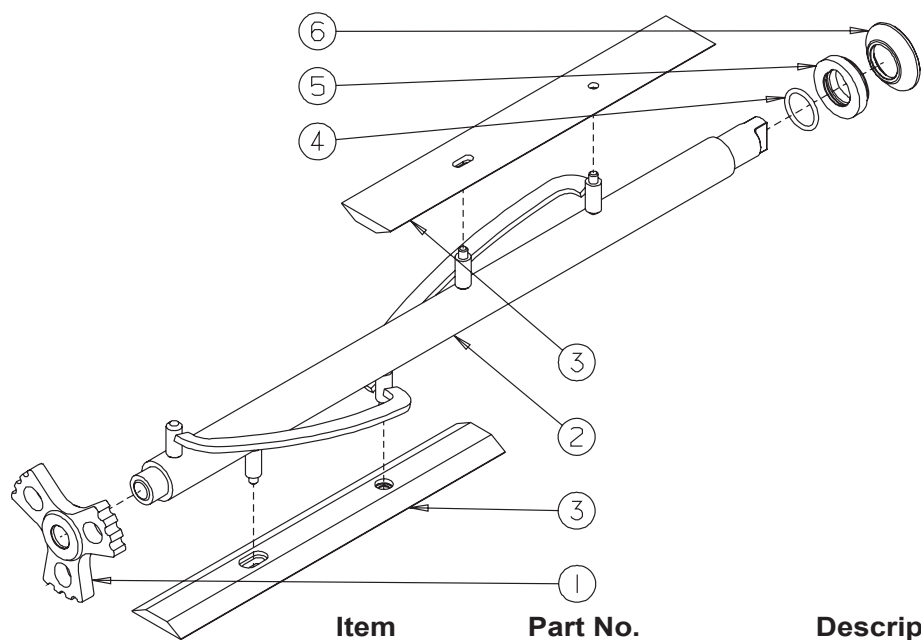
Item	Part No.	Description
*	HC118909.....	Head - Assy. Dispense (Complete)
1	HC118908.....	Head - Assy. w/Actuator (Head only)
2	HC160622	O-Ring (Head)
3	HC196072	Bushing - Beater Bearing
4	HC160582	O-Ring (Plunger - Lower)
5	HC160501	O-Ring (Plunger - Upper)
6	HC136922	Plunger - Dispensing Black
7	HC114340.....	Push Rod - Assy. Plunger Switch
8	HC119168.....	Spindle - Assy. 22 oz. Front Mount 30° includes HC150889..... Fuse - Slo Blo 1.0A HC151140..... Motor - Spindle HC150891..... Set - Motor Brush(2)
or.....	HC119324-03	Spindle - Assy. 24 oz. Front Mount 30° includes HC150889..... Fuse - Slo Blo 1.0A HC151140..... Motor - Spindle HC150891..... Set - Motor Brush(2)
9	HC150889	Fuse - Slo Blow 1A 1/4 x 1-1/4
10	HC160555	O-Ring (Spindle)
11	HC135182	Post - Pivot (Optional)
12	HC160555	O-Ring (Pivot Post)
13	HC113123.....	Handle - Assy. Spindle Head HC162629..... Knob - Ball
14	HC113435.....	Keeper - Assy. Spindle
15	HC160621	O-Ring (Plug)
16	HC196066	Plug - Air Relief
17	HC136798	Knob - Hand
18	HC196334	Nozzle - Dispense - 1/2 IN Dia

Not shown:

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

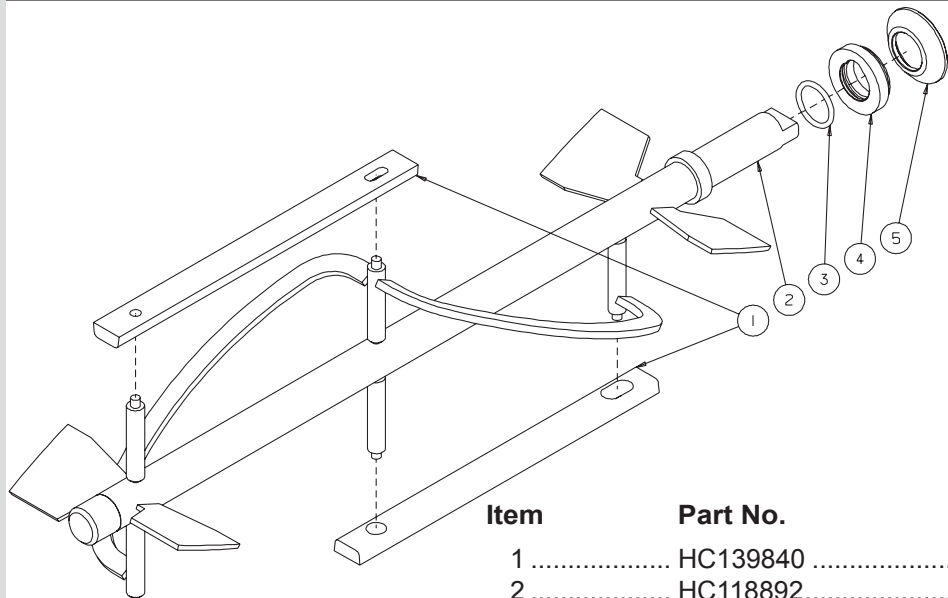
* Includes Items 1-6, 13, 14, 15-18

Figure 3 Soft Serve Beater Shaft Assembly

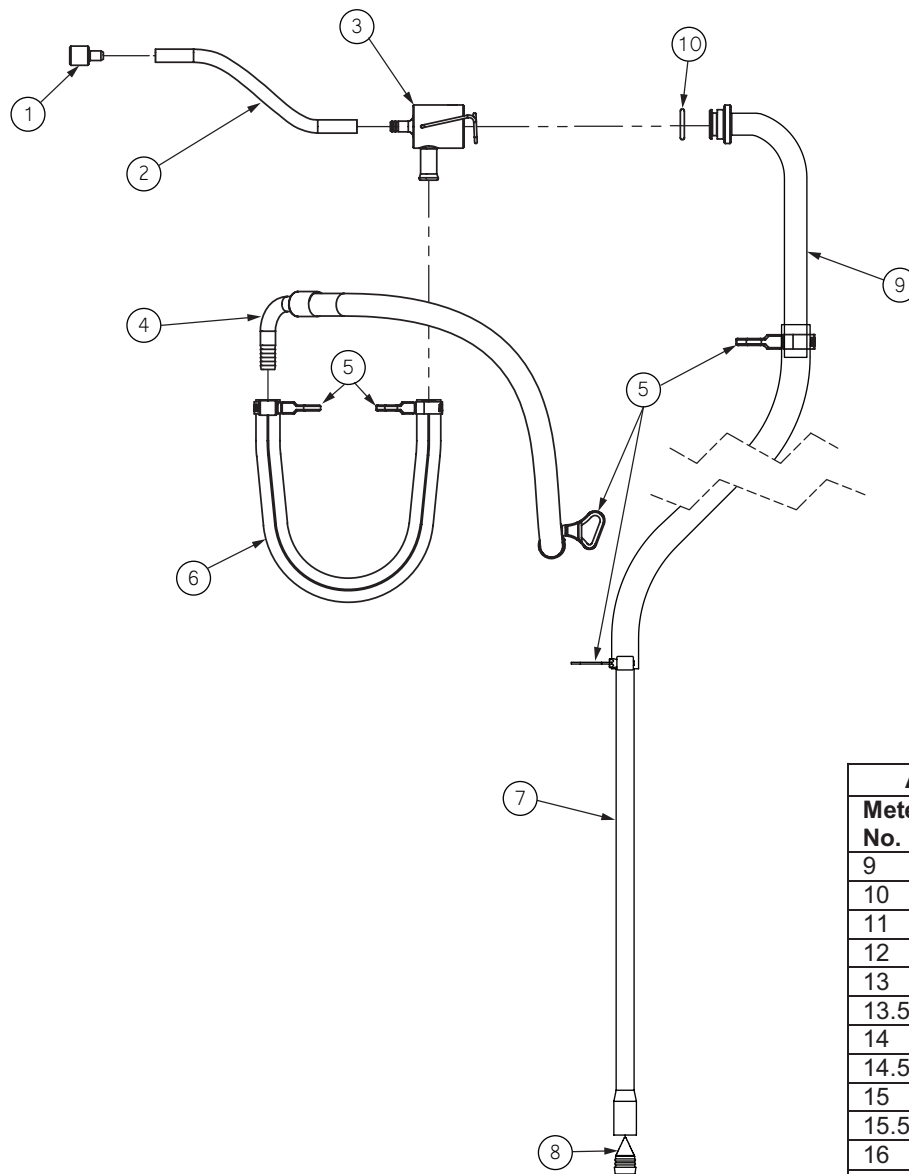


Item	Part No.	Description
1	HC196085	Bushing - Cylinder
2	HC113438.....	Shaft - Beater ..
3	HC137334	Blade - Scraper Soft Serve
4*.....	HC160500	O-ring (Seal)
5*.....	HC133098	Washer - Shaft Seal (Bushing)
6*.....	HC160557	Seal - Beater Shaft (Cup)
* Items 4,5,6 can be ordered together as:		
	HC111875.....	Seal - Assy. Shaft

Figure 4 Shake Beater Shaft Assembly



Item	Part No.	Description
1	HC139840	Blade - Shake Scraper
2	HC118892.....	Beater - Assy. Shake Long
3*.....	HC160500	O-ring (Seal)
4*.....	HC133098	Washer - Shaft Seal (Bushing)
5*.....	HC160557	Seal - Beater Shaft (Cup)
* Items 4,5,6 can be ordered together as:		
	HC111875.....	Seal - Assy. Shaft

Figure 5 MTS—RMT Hose Assembly

Item	Part No.	Description
1	Meter-Air	(Order by meter number)
2	HC138170-02	Tube - Air
3	HC184765	Port - Assy Inlet Mix
4	HC121638	Hose - Assy Mix Braided
5	HC116065	Clamp - Assy Soft Hose 5/8"
6	HC138836	Hose - Transfer Red
7	HC141412	Tube - Lower Pickup
8	HC199032-01	Duckbill - Inlet
9	HC121357	Tube - Assy Upper Pickup
10	HC160502	O-ring

AIR METERS	
Meter No.	Part No.
9	HC163423
10	HC163424
11	HC163425
12	HC163426
13	HC163421
13.5	HC163421-05
14	HC163427
14.5	HC163427-05
15	HC163428
15.5	HC163428-05
16	HC163429
16.5	HC163429-05
17	HC163430
17.5	HC163430-05
18	HC163431
18.5	HC163431-05
19	HC163432
19.5	HC163432-05
20	HC163433
20.5	HC163433-05
21	HC163434
21.5	HC163434-05
22	HC163435
22.5	HC163435-05
23	HC163436
24	HC163437
25	HC163438
26	HC163439
28	HC163440
30	HC163441
31	HC163442

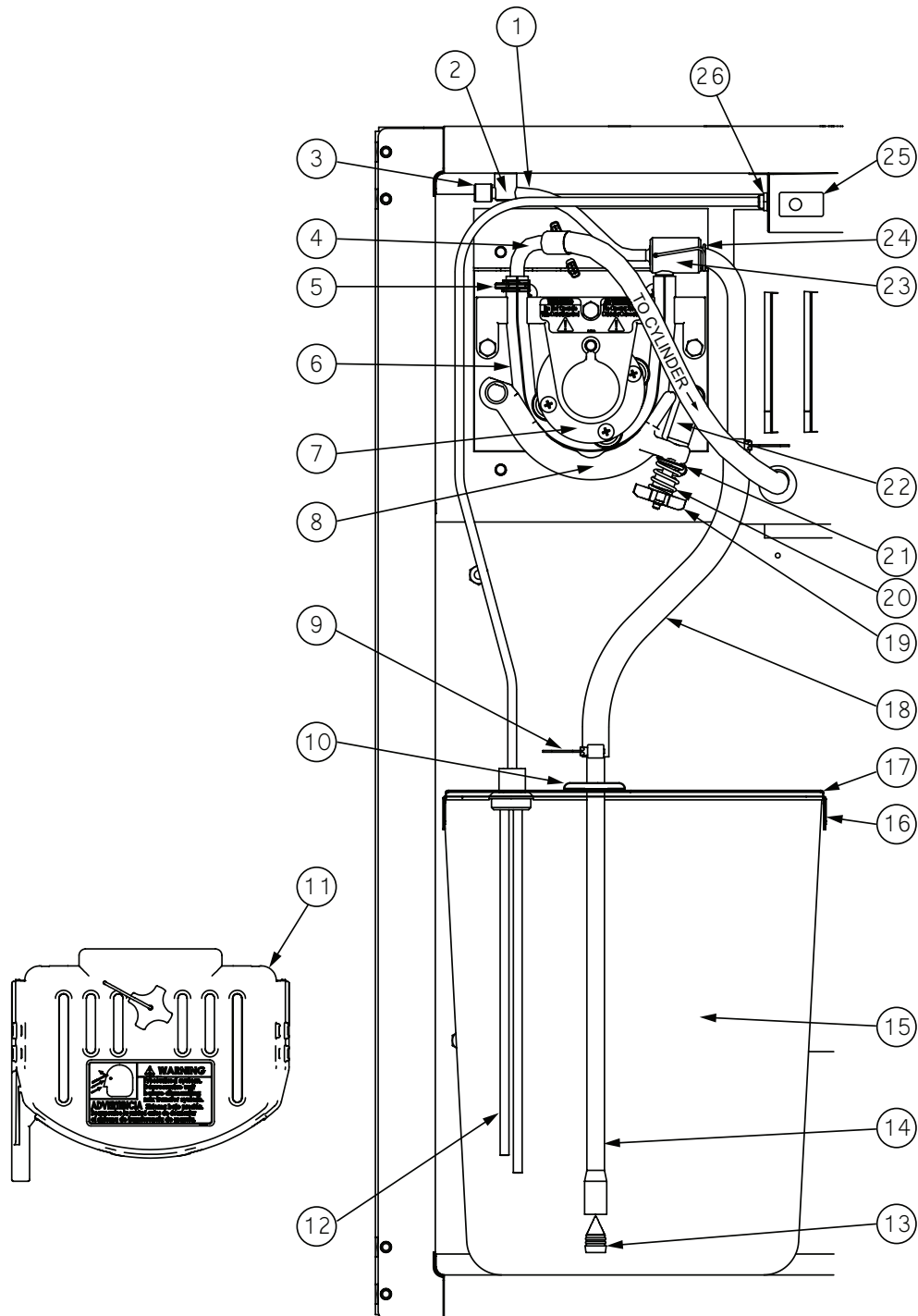
Figure 6 Cabinet Parts

Figure 6 Cabinet Parts (continued)

Item	Part No.	Description
1	HC138170-02.....	Tube - Air
2	HC117092	Retainer - Air Line
3	Meter-Air	(Order by meter number)
4	HC121638.....	Hose - Assy Mix Braided
5	HC116065	Clamp - Assy Soft Hose 5/8"
6	HC138836.....	Hose - Transfer Red
7	HC116009	Roller - Assy Complete
8	HC139751.....	Shoe - Roller
9	HC116065	Clamp - Assy Soft Hose 5/8"
10	HC199016.....	Grommet - Rubber 5/8" ID
11.....	HC121798.....	Cover - Assy Mix Pump Molded
12	HC115397	Probe - Assy Mix Level 10-3/4"
13	HC199032-01	Duckbill - Inlet
14	HC141412.....	Tube - Lower Pickup
15	HC196100.....	Tank - Mix 6 Gallon
16	HC117553	Cover - Assy Mix Tank Front
17	HC140446.....	Cover - Rear Mix
18	HC141650-01.....	Tube Flex Mix Pickup
19	HC140706.....	Knob - Fluted 1/4-20 Custom
20	HC162330.....	Spring - Compression SS SIDE
or	HC162327.....	Spring - Compression SH SIDE
21	HC140711	Washer - Spring End
22	HC120504.....	Clamp - Assy Swing 1/4 - 20
23	HC184765.....	Port - Assy Inlet Mix
24	HC162324.....	Clip - Tube Retainer
25	HC150612.....	Switch - Door Push Button
26	HC150536.....	Receptacle - Molded Level Sensor

AIR METERS	
Meter No.	Part No.
9	HC163423
10	HC163424
11	HC163425
12	HC163426
13	HC163421
13.5	HC163421-05
14	HC163427
14.5	HC163427-05
15	HC163428
15.5	HC163428-05
16	HC163429
16.5	HC163429-05
17	HC163430
17.5	HC163430-05
18	HC163431
18.5	HC163431-05
19	HC163432
19.5	HC163432-05
20	HC163433
20.5	HC163433-05
21	HC163434
21.5	HC163434-05
22	HC163435
22.5	HC163435-05
23	HC163436
24	HC163437
25	HC163438
26	HC163439
28	HC163440
30	HC163441
31	HC163442

Figure 7 Mix Transfer System RMT 1Ph. (sheet 1 of 2)

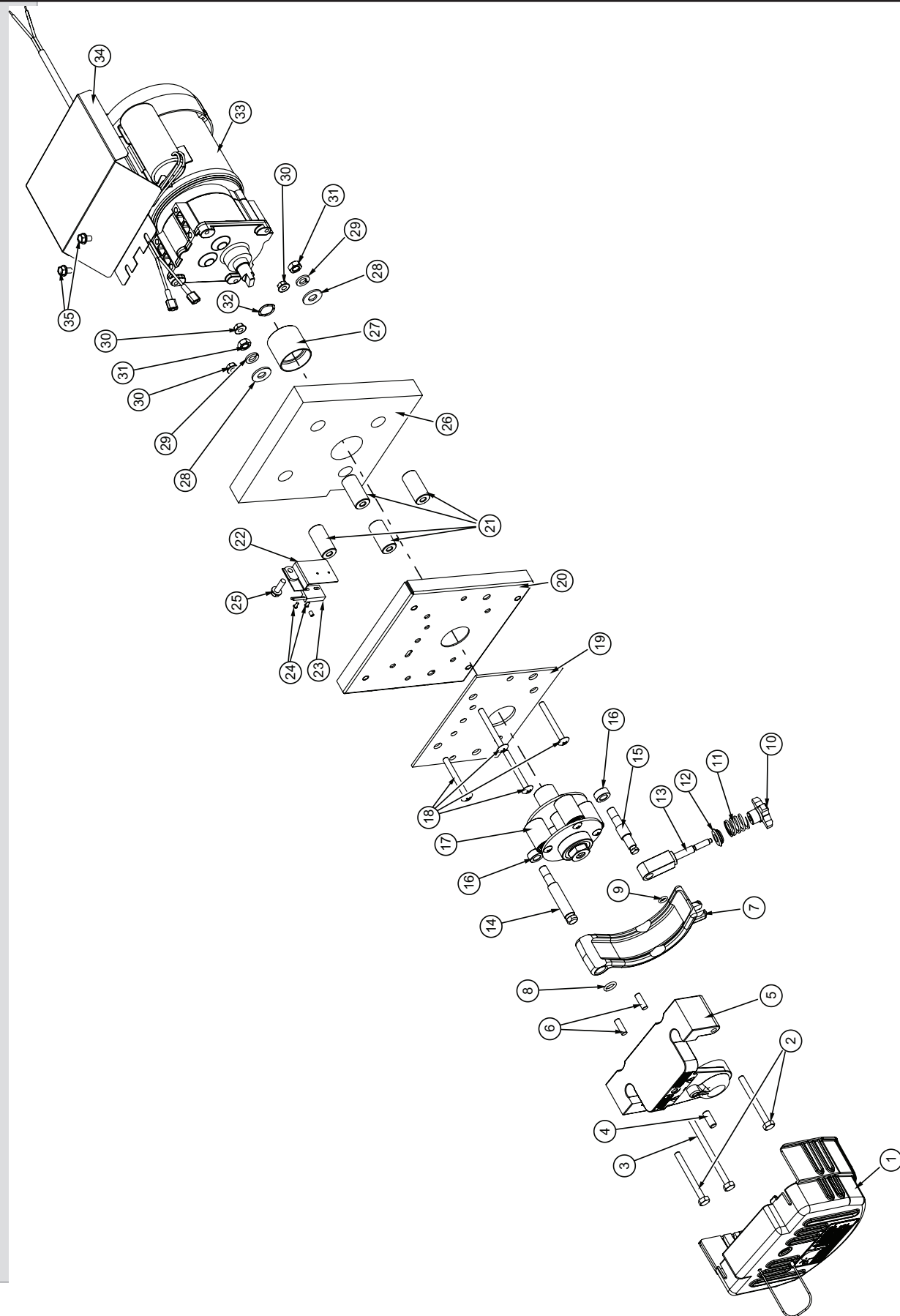


Figure 7 Mix Transfer System RMT 1Ph. (Sheet 2 of 2)

Item	Part No.	Description
*	HC121634	Mt - Assy Cab Red Line/Relief Bsn (LEFT)
	HC121634-05	Mt - Assy Cab Red Line/Relief Bsn (RIGHT SH)
1	HC121798	Cover - Assy Mix Pump Molded
	HC165246	Decal - Warning Pressurized
	HC138889	Knob - Cover RMT
	HC138890	Lanyard - Wire
	HC160508	Sleeve - Cable Stop 3/64
2	HC160464	Screw - HXHC 1/4-20X2 1/2 SST
3	HC160465	Screw - HXHC 1/4-20X3 1/2 SST
4	HC160386	Stud - 5/16-18 X 3/4 SST
5	HC138783-01	Support - Roller Bearing
6	HC160338	Pin - Dowel 1/4 Dia X 3/4 Sst
7	HC139751	Shoe - Roller
8	HC160612	O Ring
9	HC160628	O Ring
10	HC140706	Knob - Fluted 1/4-20 Custom
11	HC162330	Spring - Compression (SS Side)
	HC162327	Spring - Compression (SH Side)
12	HC140711	Washer - Spring End
13	HC140709	Stud - Threaded Spacer 1/4-20
14	HC138797	Arm - Shoe Pivot
15	HC138799	Arm - Swing Clamp
16	HC138800	Spacer - Swing Arm
17	HC138122	Shaft - Roller
18	HC160093	Screw - TRPS 1/4-28X2-1/4 SST
19	HC191527	Blank - Backup MTS
20	HC121633	Faceplate - Assy MTS Liner Left
21	HC138793	Spacer - Motor
22	HC139747	Bracket - Switch Mounting
23	HC161302	Switch - Slide/Cover
24	HC160357	Screw - RDHM #4-40X1/4 STL
25	HC159939	Screw - HXSF 1/4-20X11/16 SST
26	HC165524-01	Block - Insulation GES
27	HC139756	Shield - DRIP
28	HC160169	Washer - FLAT 3/8 SST
29	HC160170	Washer - LOCK 3/8 SST
30	HC159933	Nut - HXSF 1/4-20 SST
31	HC159927	Nut - HEX 3/8-16 SST
32	HC160173	Washer - Spring Wave SST
33	HC151147-01	Gearmotor - 1/6 HP 115/208-230/1/60 270R
34	HC141607-01	Cover - RMT Pump Motor
35	HC159919	Screw - HXSF 1/4-20 X 3/8 ZN

Figure 8 Mix Transfer System RMT 3Ph. (Sheet 1 of 2)

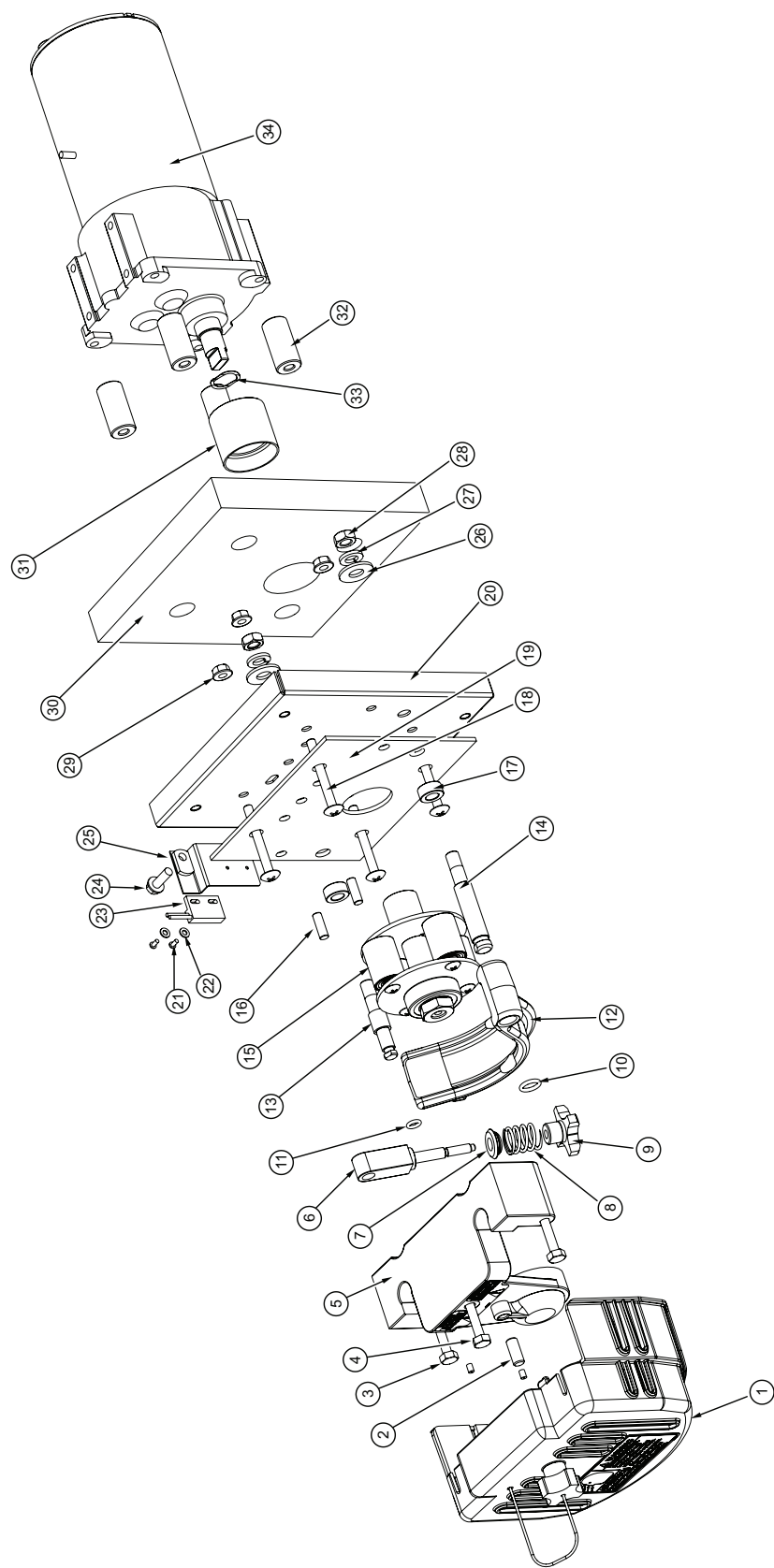


Figure 8 Mix Transfer System RMT 3Ph. (Sheet 2 of 2)

Item	Part No.	Description
*	HC121634-02	MTS - Assy Cab Red Line/Relief Bism (3 Ph) LH
*	HC121634-04	MTS - Assy Cab Red Line/Relief Bism (3 Ph) RH SH
1	HC121798	Cover - Assy RMT
	HC165246	Decal - Warning Pressurized
	HC138889	Knob - Cover RMT
	HC138890	Lanyard - Wire
	HC160508	Sleeve - Cable Stop 3/64
2	HC160386	Stud - 5/16 - 18 X 3/4 SST
3	HC160464	Screw - HXHC 1/4 - 20X2 1/2 SST
4	HC160465	Screw - HXHC 1/4 - 20X3 1/2 SST
5	HC120633	Support - Assy
6	HC120504	Clamp - Assy Swing 1/4 - 20
7	HC140711	Washer - Spring End
8	HC162330	Spring - Compression (SS Side)
	HC162327	Spring - Compression (SH Side)
9	HC140706	Knob - Fluted 1/4 - 20 Custom
10	HC160612	O Ring
11	HC160628	O-Ring
12	HC139751	Shoe - Roller
13	HC138799	Arm - Swing Clamp
14	HC138797	Arm - Shoe Pivot
15	HC116009	Roller - Assy Bearing
16	HC160338	Pin - Dowel 1/4 Dia X 3/4 SST
17	HC138800	Spacer - Swing Arm
18	HC160093	Screw - Trps 1/4 - 28X2 - 1/4 SST
19	HC191527	Blank - Backup MTS
20	HC121633	Faceplate - Assy MTS Liner LH
or	HC121633-01	Faceplate - Assy MTS Liner RH
21	HC160357	Screw - Rdhm #4 - 40X1/4 STL
22	HC160393	Washer - Flat #6 Brass
23	HC161302	Switch - Slide/Cover
24	HC159939	Screw - Hxsf 1/4 - 20X11/16 SST
25	HC118763	Bracket - Assy Switch Mntg
26	HC160169	Washer - Flat 3/8 SST
27	HC160170	Washer - Lock 3/8 SST
28	HC159927	Nut - Hex 3/8 - 16 SST
29	HC159933	Nut - Hxsf 1/4 - 20 SST
30	HC165524-01	Block - Insulation GES
31	HC139756	Shield - Drip
32	HC138793	Spacer - Motor
33	HC160173	Washer - Spring Wave SST
34	HC151161	Gearmotor - 1/8 Hp 208 - 230/3/60 270 RPM

* Includes all items above.

Figure 9 Switch Box (Sheet 1 of 2)

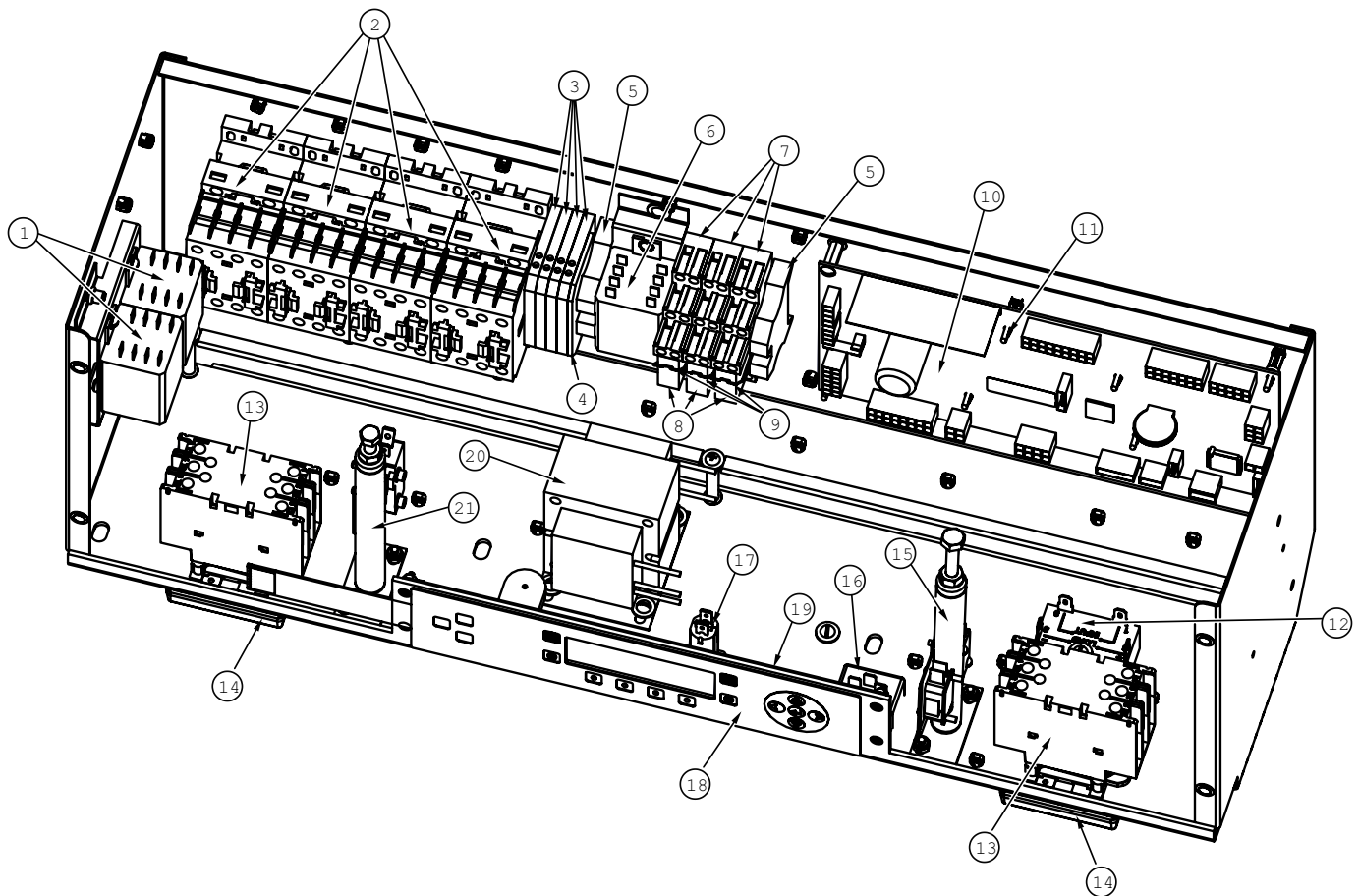
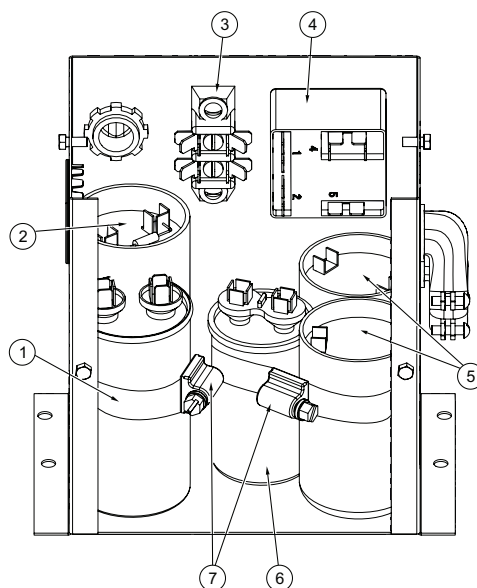


Figure 9 Switch Box (Sheet 2 of 2)

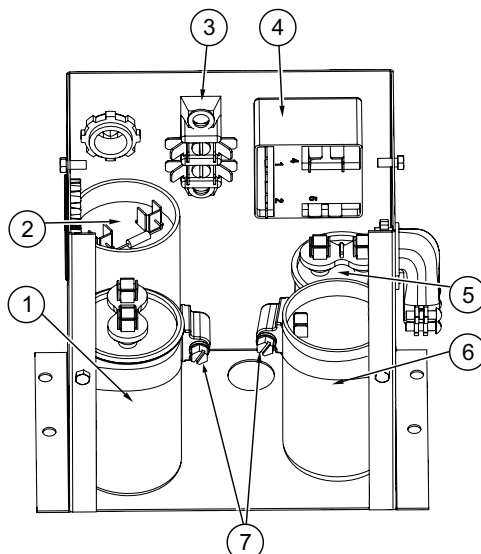
Item	Part No.	Description
*	HC121659.....	Box - Assy Electric 208-230/1/60 WC (Includes 1-21)
or	HC121659-01.....	Box - Assy Electric 208-230/1/60 AC (Includes 1-21)
or	HC121904.....	Box - Assy Electric 208-230/3/60 WC
or	HC121904-01.....	Box - Assy Electric 208-230/3/60 AC
1	HC150343-01.....	Relay - Control Flange DPDT 12 VDC
2	HC150076.....	Contactor - 3P 25A 24V COIL BF25
3	HC150591-01.....	Block - Terminal Screw
4	HC150591-02.....	Stop - Terminal Block End Screw
5	HC150999.....	Anchor - Din Rail
6	HC150343-01.....	Relay - Control Flange DPDT 12VDC
7	HC150098.....	Socket - Miniature Relay DPDT
8	HC150044.....	Relay - Miniature DPDT 230V AU Contact
9	HC150166.....	Clip - Miniature Relay Retaining
10	HC151698.....	Board - PC Main WIFI
11	HC150968.....	Support - 5/8 Circuit Board
12	HC150697-02.....	Control - Speed 230VAC TO DC Motor
13	HC151708.....	Switch - Disconnect
14	HC134709.....	Knob - Rotary Disconnect
15	HC120305-01.....	Switch - Assy. Plunger Shake Press.
16	HC150629-01.....	Receptacle - Snap In IEC60320
17	HC150182-01.....	Breaker - Circuit 4A Threaded
18	HC150033.....	Membrane - Cab
19	HC150994.....	Board - PCB UI
20	HC150181-02.....	Transformer - CL2 208/240PRI/24SEC
21	HC114176-01.....	Switch - Assy. Self Closing Plunger (SS Side)

Not Shown:

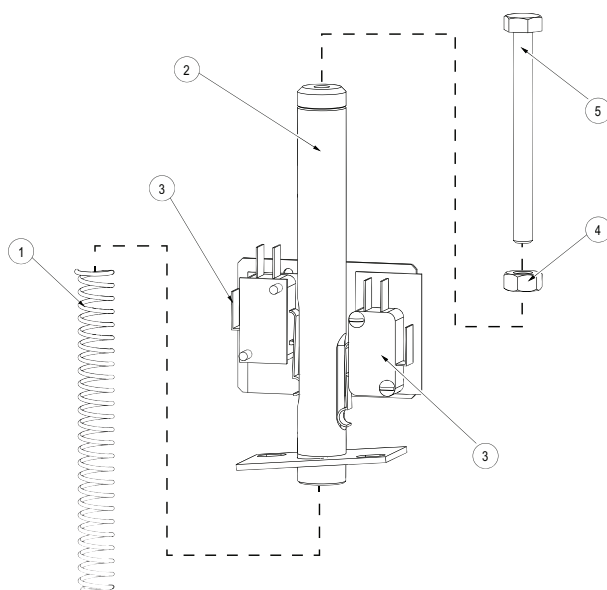
HC150010-04 Harness - Fan Wire AC (AC Only)
 HC1500000-02 Harness - Wire UI
 HC150010-06 Harness - Wire Relay Board Extension

Figure 10 Capacitor & Relay Box 1Ph. SS Side

Item	Part No.	Description
1	HC150403	Capacitor - Run
2	HC151445	Capacitor - Start W/Bleed
3	HC150798	Strip - Terminal
4	HC150029	Relay - Compressor COPZS
5	HC150294	Capacitor - Start
6	HC150244	Capacitor - Run
7	HC160739	Clamp - Hose 3 9/16-4 1/2,Screw

Figure 11 Capacitor & Relay Box 1Ph. SH Side

Item	Part No.	Description
1	HC150357	Capacitor - Run
2	HC151445	Capacitor - Start W/Bleed
3	HC150798	Strip - Terminal
4	HC150029	Relay - Compressor COPZS
5	HC150244	Capacitor - Run
6	HC150235	Capacitor - Start
7	HC160739	Clamp - Hose 3 9/16-4 1/2,Screw

Figure 12 Switch Assembly - SH Side

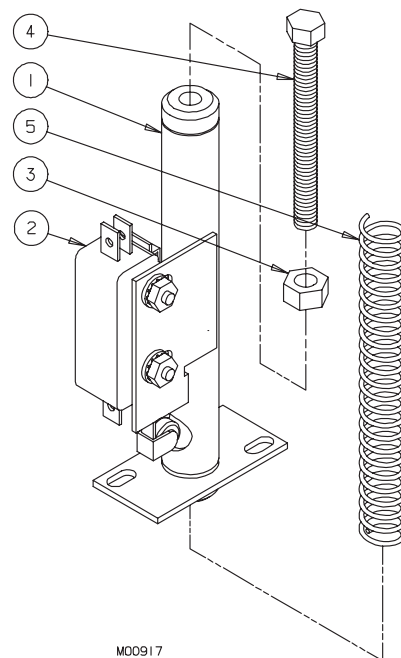
Item	Part No.	Description
*	HC120305-01	Switch-Assy. Plunger Shake Press.
1	HC162323	Spring - Compression
2	HC120304	Guide - Assy. Push Rod
3	HC150476	Switch - SPST Simul Roller
4	HC160104	Nut-Hex 1/4x20 ZN (Adjusting Bolt)
5	HC159993	Screw-HXHM 1/4-20x2-3/4 ZN

*Includes all items above.

Figure 13 Switch Assembly - SS Side

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

*Includes all items above.



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Figure 14 Panels (Sheet 1 of 2)

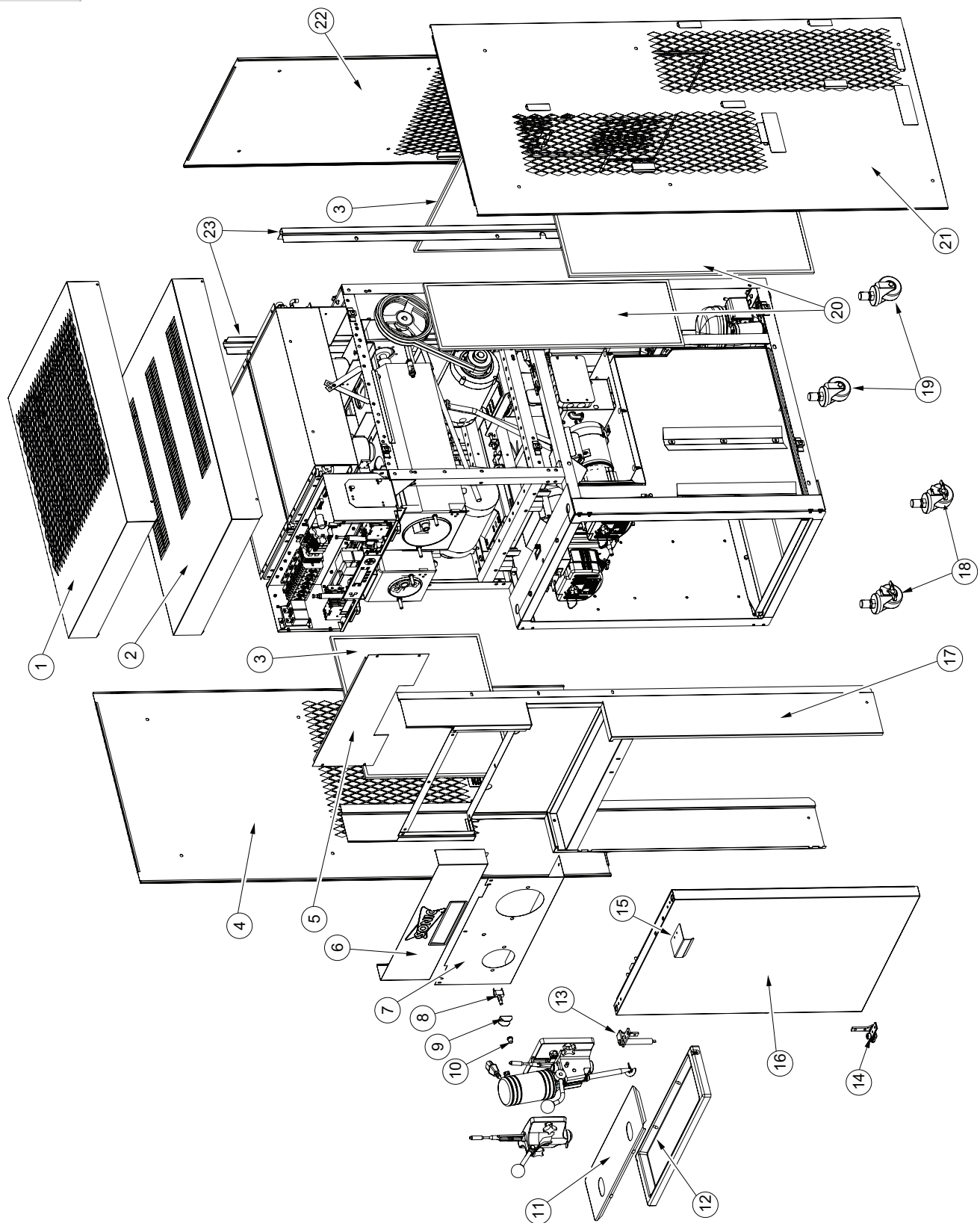


Figure 14 Panels (Sheet 2 of 2)

Item	Part No.	Description
1	HC116492	Panel-Assy Top
2	HC121978	Panel-Top Assy W/C
3	HC155151	Filter-Air Cleanable
4	HC121914	Panel-Assy Side LH
5	HC141583	Cover-Electric Box
6	HC121485-01	Trimstrip-Assy Sonic
7	HC141582	Panel-Dispense
8	HC150438	Switch-Momentary Push SPST
9	HC137896	Shield-Switch
10	HC160512	Seal-Switch Boot
11	HC114608	Insert-Assy Drip Tray
12	HC196108-03	Tray-Drip 26 Inch White No Sump
13	HC162045	Hinge-Pivot 1 3/8 Top LH
14	HC162046	Hinge-Pivot 1-3/8 120 Deg
15	HC136199	Pull-Door
16	HC121649-01	Door-Assy Complete GES
17	HC121651	Panel-Assy Front
18	HC162131-01	Caster-1-14 Stem W/Brake
19	HC162132-01	Caster-1-14 Stem W/O Brake
20	HC155150	Filter-Air Cleanable
21	HC121913	Panel-Assy Side RH
22	HC121915	Panel-Assy Rear
23	HC141729	Channel-Rear

Panel Decals & Labels	
Part No.	Description
HC165119	6" Air Flow (A/C and W/C)
HC165025	Beater Warning
HC164031	Blade Installation
HC164119	Cleaning Instructions-Shake
HC164113	Cleaning Instructions-Soft Serve
HC165093	Clear Overlay
HC164110	MTS Connect Red line
HC164122	MTS Trimstrip LH (switches)
HC164123	MTS Trimstrip RH (switches)
HC164004-01	Operating Instructions
HC165126	Panel Removal
HC-164135	Shake Push Button
HC165188-01	Trimstrip EF Logo 26"
HC165172	Trimstrip Sonic 26"
HC165124	Top Air Discharge
HC165246	Warning - Pressurized

Figure 15 A/C Assembly - Rear View (Sheet 1 of 4)

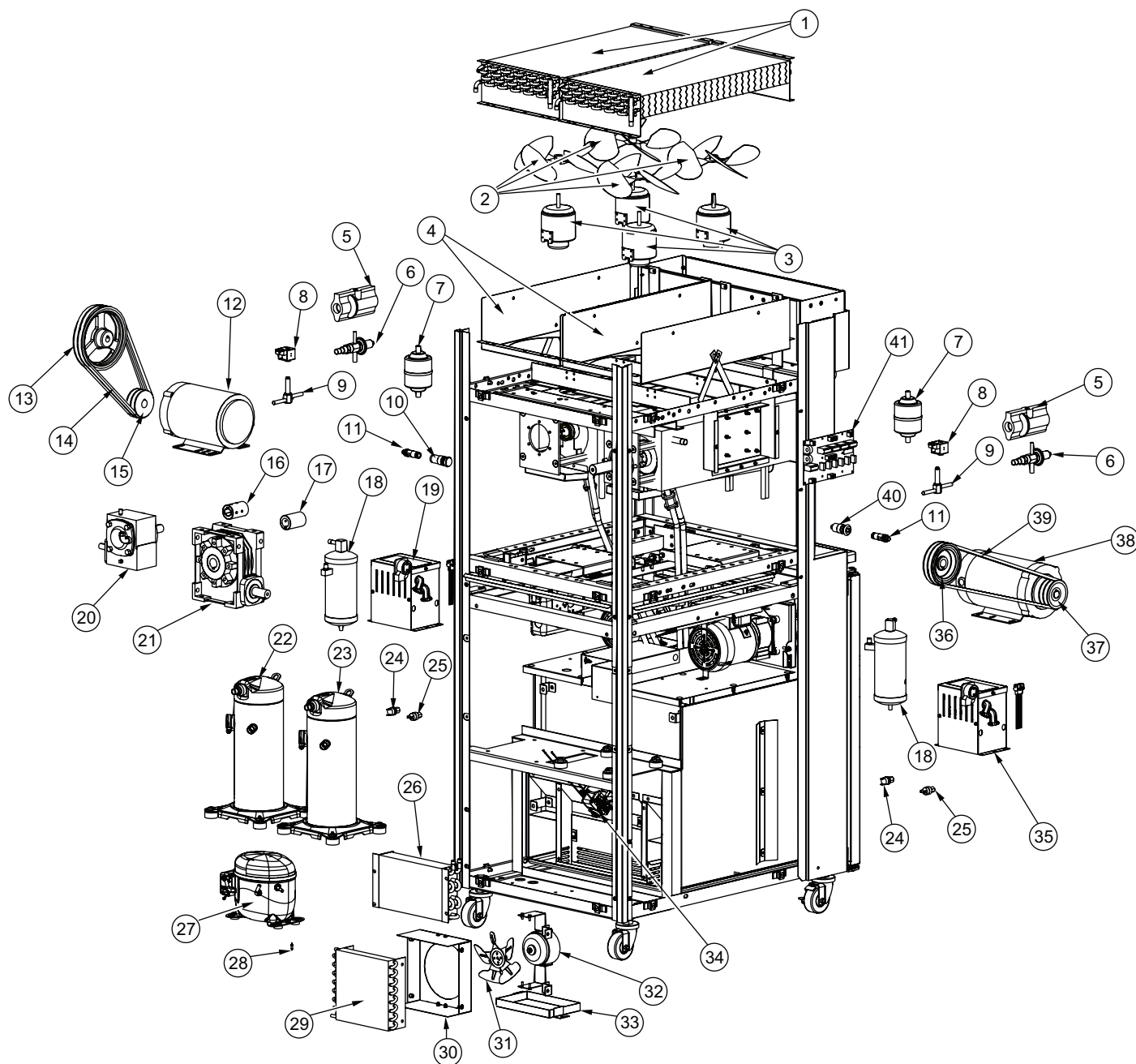


Figure 15 A/C Assembly - Rear View (Sheet 2 of 4)

Item	Part No.	Description
1	HC155101	CONDENSER-AIR RIFLED
2	HC159023	BLADE-FAN 11 IN 36 DEG
3	HC151077-02	MOTOR-FAN 50W 230V 50/60HZ W/PLUG
4	HC138465	SHROUD-FAN
5	HC165531	Insulator - Expansion Valve
6	HC155493	Valve - Automatic Expansion
7	HC155054	Drier - Filter 16 cu in
8	HC151477	Coil - Solenoid 208-240V MKC-1TS
9	HC155395	Valve - Solenoid Body 3/8 ODM
10	HC150502	Switch - Pressure 30PSI
11	HC121432	Connector - Assy Pressure Switch
12	HC151087-01	Motor - 1-1/2HP 208-230/1/60 W/Connector (1 Phase)
		Needs: HC150235 - Capacitor - Start
		HC150244 - Capacitor - Run
or	HC151088-01	Motor - 1 1/2HP 208/230-3-60 W/Connector (3 Phase)
13	HC153602	Sheave - 5/8 Bore 7.25 OD 7.00PD (Driven - SH Side)
14	HC153114	Belt-V (SH Side)
15	HC153620	Sheave - 7/8 Bore 3.05 OD 2.80 PD (Driver - SH Side)
16	HC111780	Coupling - Assy 7/9 Drive (SH Side)
17	HC111964	Coupling - Assy. 1 In. Drive (SS Side)
18	HC155071	Receiver - 3LB 3/8 ID Sweat W/O Valve
19	HC121645-02	Box - Assy Cap & Relay GES SH (SH Side)
20	HC153361	Reducer - Gear RH 5/1 HCD
21	HC121119	Reducer - Assy Gear 10/1 UI75 LH
22	HC121796	Comp - Assy 208-230-1-60 ZS13KAE (1 Pahse) (SH Side)
or	HC121797	Comp - Assy 208-230-3-60, ZS13KAE (3 Phase) (SH Side)
23	HC121507	Comp - Assy 208-230/1/60 ZS19KAE (1 Pahse) (SS Side)
or	HC121508	Comp - Assy 208-230/3/60 ZS19KAE (3 Phase) (SS Side)
24	HC155405	Cut Out - High Pressure
25	HC155701	Cut Out - Low Pressure
26	HC155111	Coil - Evaporator
27	HC121872	Kit - Cabinet Compressor W/Relay & Cap
28	HC155649	Valve - Core
*	HC121619	Condenser - Assy Gen High Cap (Includes 29,30,31,32)
29	HC155139*	Condenser - Air 8 X 8
30	HC120151*	Shroud - Assy Condenser
31	HC159032*	Blade - Fan 6 IN 20 DEG
32	HC151017-01*	Motor - Fan 5 Watt 230V
33	HC121630	Pan - Assy Condensate Drain
34	HC151102	Fan - Exhaust, 230V 105CFM
35	HC121645	Box - Assy Cap&Relay BF/COPZS (SS Side)
36	HC153652	Sheave - 24MM Bore 4.75OD 4.5PD SPL (SS Side)
37	HC153626	Sheave - 7/8 Bore 3.25 OD 3.00PD (SS Side)
38	HC121424	Kit - Motor & Caps 208-230/1/60 2HP (1 Phase) (SH Side)
or	HC151052-01	Motor - 2HP 208/230/460-3-60 (3 Phase) (SS Side)
39	HC153171	Belt-V (SSSide)
40	HC150017	Transducer-Pressure SH W/Temp Sensor
41	HC151702	Board - PC Relay

SS side (A Side or LH) = Soft Serve side

SH side (B Side or RH) = Shake side

LH or RH = Left or right hand is determined as you face the front of freezer.

WC = Water Cooled

AC = Air Cooled

ACR = Air Cooled Remote

Figure 16 W/C Assembly - Rear View (Sheet 3 of 4)

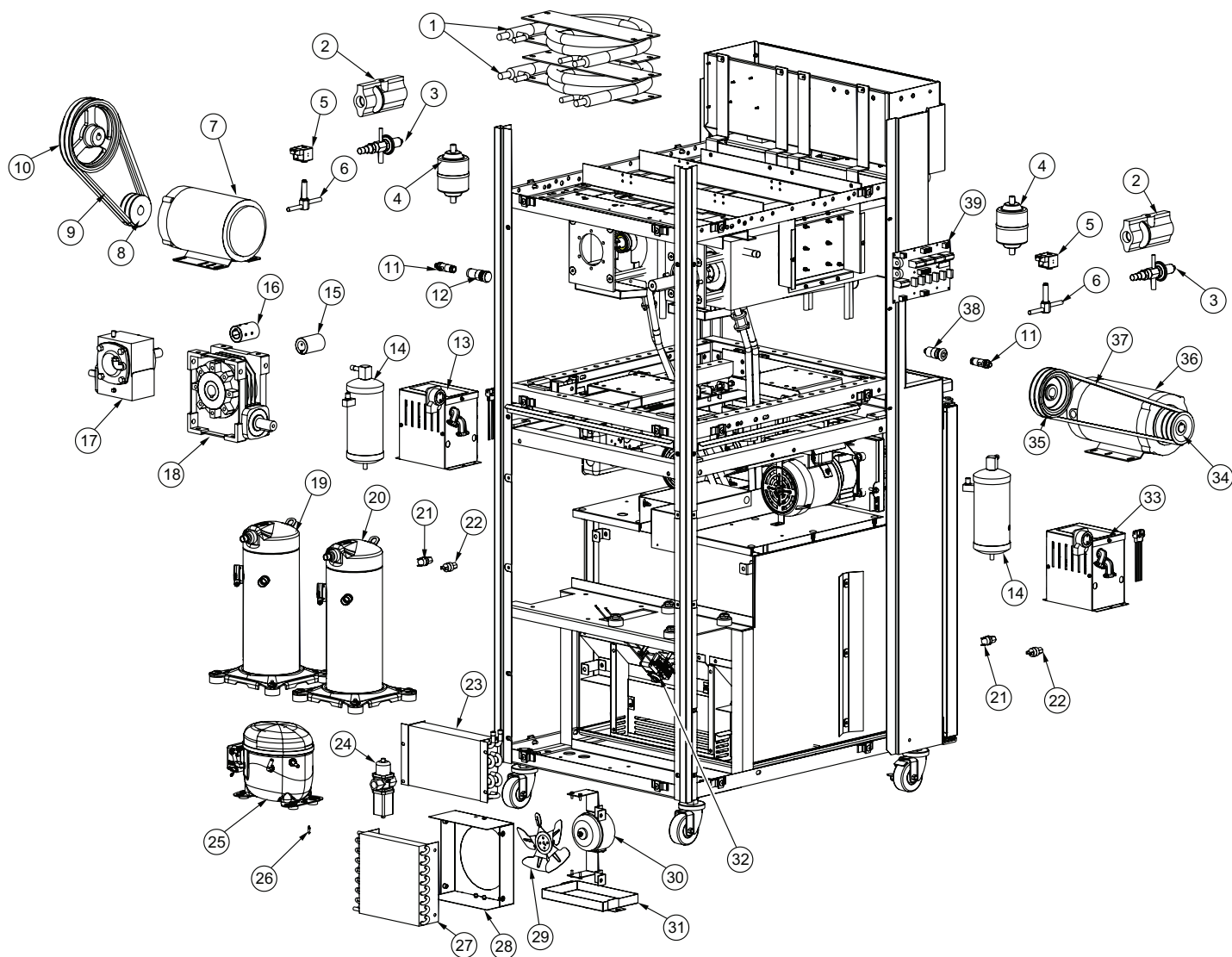


Figure 16 W/C Assembly - Rear View (Sheet 4 of 4)

Item	Part No.	Description
1	HC155029	Condenser - Water
2	HC165531	Insulator - Expansion Valve
3	HC155493	Valve - Automatic Expansion
4	HC155054	Drier - Filter 16 cu in
5	HC151477	Coil - Solenoid 208-240V MKC-1TS
6	HC155395	Valve - Solenoid Body 3/8 ODM
7		
or	HC151088-01	Motor - 1 1/2HP 208/230-3-60 W/Connector (SH Side)
8	HC153620	Sheave - 7/8 Bore 3.05 OD 2.80 PD (Driver - SH Side)
9	HC153114	Belt-V (SH Side)
10	HC153602	Sheave - 5/8 Bore 7.25 OD 7.00PD (Driven - SH Side)
*	HC121441	Kit - Transducer 30 PSIG GEN Models (Includes 11&12)
11	HC121432	Connector - Assy Pressure Switch
12	HC150502	Switch - Pressure 30PSI
13	HC121645-02	Box - Assy Cap & Relay GES SH (SH Side)
14	HC155071	Receiver - 3LB 3/8 ID Sweat W/O Valve
15	HC111964	Coupling - Assy. 1 In. Drive (SS Side)
16	HC111780	Coupling - Assy 7/9 Drive (SH Side)
17	HC153361	Reducer - Gear RH 5/1 HCD
18	HC153372	Reducer - Gear 10/1 UI75
19	HC154942	Compressor - Scroll ZS13KAE-TF5 (SH Side)
or		
20	HC154948	Compressor - Scroll ZS19KAE-TF5 (SS Side)
or		
21	HC155405	Cut Out - High Pressure
22	HC155701	Cut Out - Low Pressure
23	HC155111	Coil - Evaporator
24	HC112080	Valve - Assy Water
25	HC154936	Compressor - GL60TG
26	HC155649	Valve - Core
27	HC155139	Condenser - Air 8 X 8
28	HC120151	Shroud - Assy Condenser
29	HC159032	Blade - Fan 6 IN 20 DEG
30	HC151017-01	Motor - Fan 5 Watt 230V
31	HC121630	Pan - Assy Condensate Drain
32	HC151102	Fan - Exhaust, 230V 105CFM
33	HC121645	Box - Assy Cap&Relay BF/COPZS (SS Side)
34	HC153626	Sheave - 7/8 Bore 3.25 OD 3.00PD (SS Side)
35	HC153652	Sheave - 24MM Bore 4.75OD 4.5PD SPL (SS Side)
36		
or	HC151052-01	Motor - 2HP 208/230/460-3-60 (SS Side)
37	HC153171	Belt-V (SSSide)
38	HC121558	Kit - Pressure Transducer Shake
or	HC117159	Kit - Shake Press Switch O Ring
		HC121432 Connector - Assy Pressure Switch
39	HC151702	Board - PC Relay

SS side (A Side or LH) = Soft Serve side

SH side (B Side or RH) = Shake side

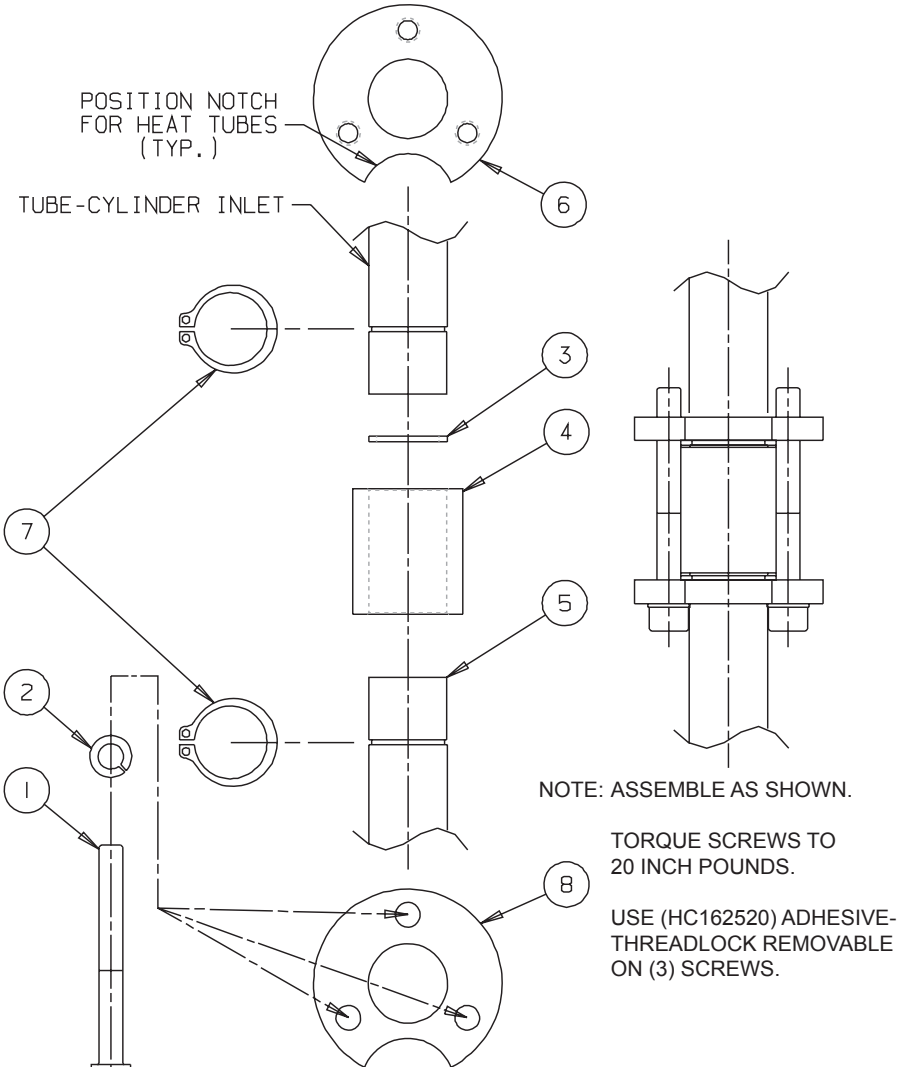
LH or RH = Left or right hand is determined as you face the front of freezer.

W/C = Water Cooled

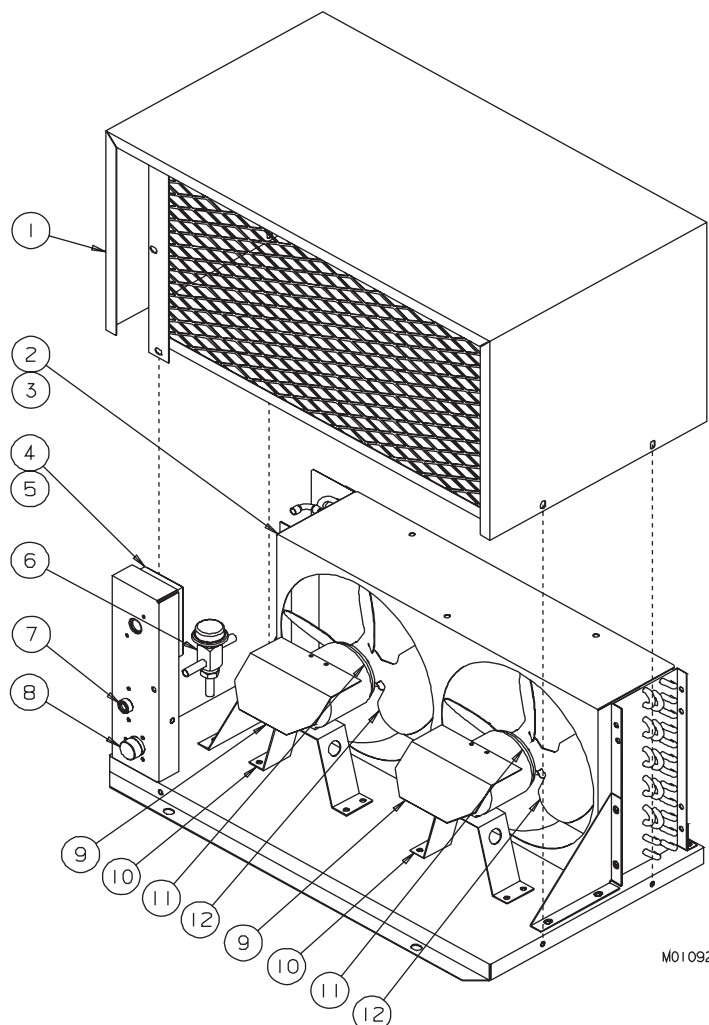
A/C = Air Cooled

ACR = Air Cooled Remote

Figure 17 Mix Feed Seal Assembly



Item	Part No.	Description
1	HC160320	Screw - SKHC #10-24 x 1-3/4 SST
2	HC160166	Washer - Lock #10 SST
3	HC160556	Gasket - Mix Joint
4	HC139351	Collar - Alignment
5	HC141757	Tube-Mix Feed Clamp LT
	HC141758.....	Tube-Mix Feed Clamp RT
6	HC139352	Clamp - Ring Threaded
7	HC160312	Ring - Retaining 5/8 Ext. SST
8	HC139353	Clamp - Ring

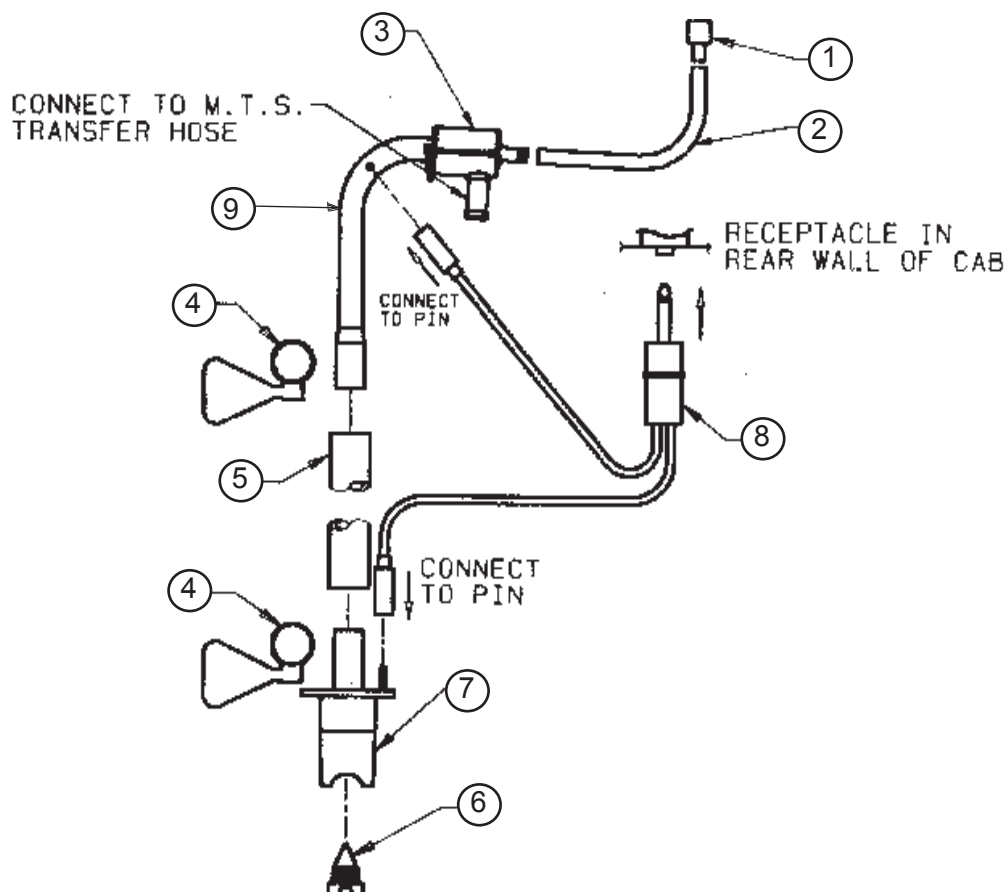
Figure 18 Air Cooled Remote Condenser**Not Shown:**

HC155058 Receiver - 12 lb. Horizontal Mount
 HC155425 Cut Out - High Pressure
 HC155465 Cut Out - Low Pressure
 HC155466 Control - Pressure Fan
 HC155487 Valve - Check 5/8 ODF Sweat
 HC119124 Kit - 25 Foot Line Sets 404a
 HC119125 Kit - 50 Foot Line Sets 404a

Item	Part No.	Description
*	HC116781-02	Condenser - Assy. 2 Hp Remote (Complete)
1	HC117207	Cover - Assy. Condenser
2	HC155101	Condenser - Air Rifled
3	HC138465	Shroud - Fan
4	HC150732	Box - Electric 2-3/4 x 4-1/2 x 2
5	HC150737	Cover - Electric Box 2-3/4 x 4-1/2
6	HC155454	Valve - Head Pressure Control
7	HC153420	Coupling - Refr. 3/8 MQC 3/8 SW
8	HC153418	Coupling - Refr. 1/2MQC 1/2 SW
8A	HC153502	Flange - Refr. Coupling Mount
8B	HC153503	Cap - Dust Refr. Coupling
9	HC139017	Shield - Motor Rain
10	HC137632	Bracket - Fan Condenser
11	HC151072	Motor - Fan 50W 230V 60Hz
12	HC159029	Blade - Fan 11" Dia 36°

* Includes all items above.

Figure 19 Single Bag-In-Box (Optional)



Item	Qty.	Part No.	Description
*	1	HC119112	Sensor-Assy. Bag-In-Box Single RMT
1	1	**	Meter-Air
2	1	HC138170	Tube-Air 11 in.
3	1	HC118765	Port-Assy. Inlet Mix/Air
3A	1	HC162324	Clip-Tube Retainer (not shown)
4	2	HC114572	Clamp-Assy. Hose
5	1	HC138891	Tubing-Inlet Bag in Box
6	1	HC199032	Duckbill-Inlet
7	1	HC117021	Connector-Assy. Bag-In-Box (Stainless Steel)
8	1	HC150551	Cordset-Mix Level Split
9	1	HC118996	Tube-Assy Mix Inlet
9A	1	HC160502	O-ring (not shown)

Not Shown:

2HC116065.....Clamp-Assy. Soft Hose 5/8

* Includes all parts above except item #1, #3, #3A, and #9A.

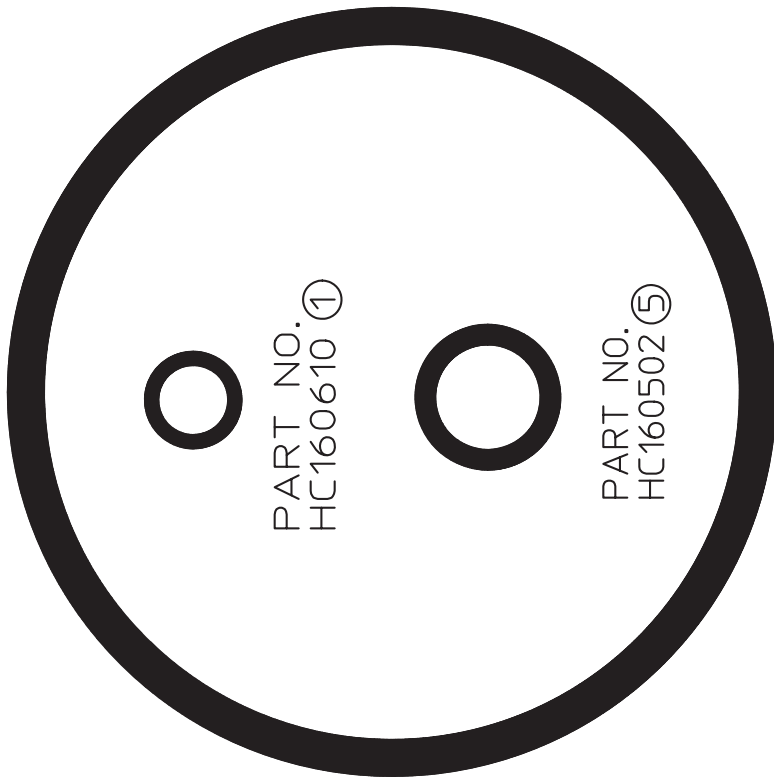
** Order by meter number.

Accessories

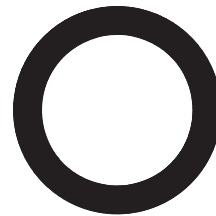
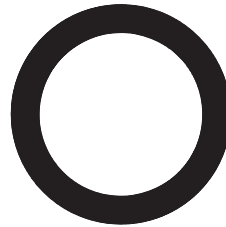
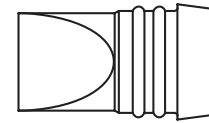
PART No.	DESCRIPTION
HC196109	Beaker-150ml (Syrup Calibration)
HC196103	Bottle-Wash 500ml (Plunger and MTS)
HC158004	Brush-4-inch w/36-inch Handle (Cylinder)
HC158009	Brush-4-inch w/o Handle (Cylinder)
HC158005	Brush-6-inch w/36-inch Handle (Cylinder)
HC158010	Brush-6-inch w/o Handle (Cylinder)
HC158018	Brush-7/16-inch dia. 12-inches Overall Length
HC158019	Brush-9/16-inch dia. 30-inches Overall Length
HC158026	Brush-1-inch dia. 12-inches Long
HC158037	Brush-1/4-inch dia. 18-1/2-inches Overall Length
HC162105	Caster-1-1/4 ST PT w/Brake
HC162106	Caster-1-1/4 ST PT w/o Brake
HC184257	Chart-O-Ring Shake RMT (Laminated)
HC184256	Chart-O-Ring Soft Serve (Laminated)
HC118747.....	Kit-RMT EF Redline
HC112978.....	Leg-6-inch
HC158000A.....	Lubricant-Petrol Gel (4 oz. tube)
HC150736	Nut-Lock Conduit 1-1/4 (Casters)
HC158014	Sanitizer-Stera Sheen (Case of 4 jars)
HC158014A.....	Sanitizer-Stera Sheen (4 lb. jar)
HC158049	Scale-Overrun
HC169374	Tool-O-Ring Removal

SOFT SERVE DISPENSING HEADS

HC184244



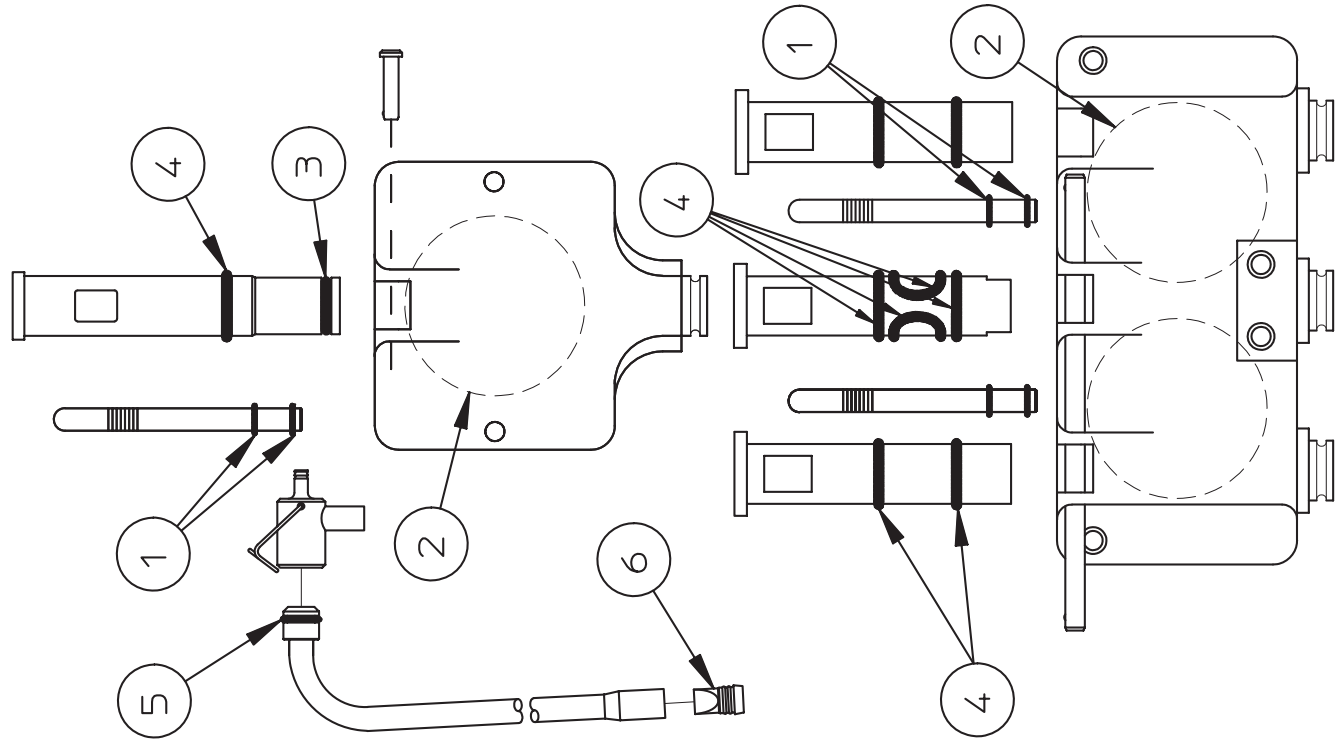
PART NO.
HC160583 ②



PART NO. HC160582 ③

PART NO. HC160501 ④

PART NO. HC199032-01 ⑥



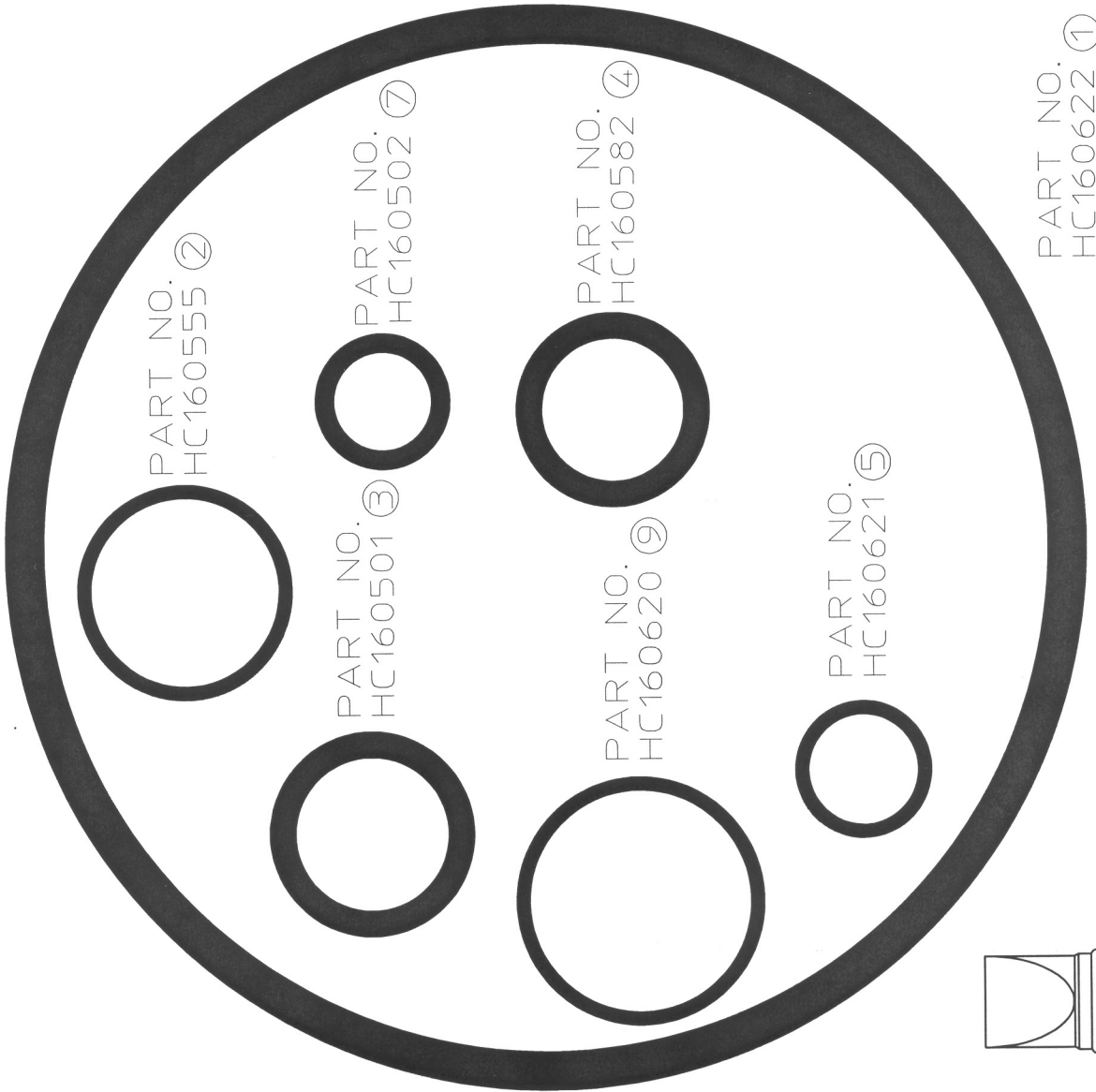
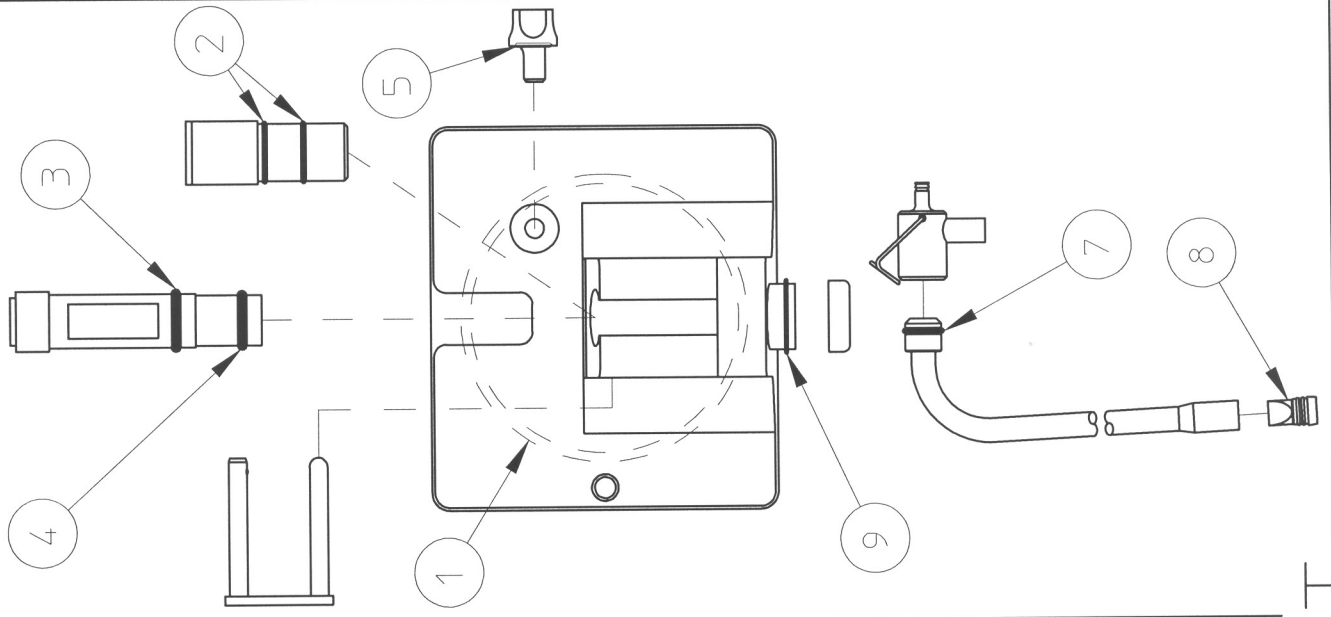
O-RING CHART

PH.NO. 309-755-4553

H.C.DUKE & SON, INC.

SHAKE DISPENSING HEAD

ELECTRO FREEZE Soft Serve Model GES-2080



PART NO. ①
HC160622

PART NO. ⑧
HC199032-01

O-RING CHART

NOTES:

