

SPIRE 4.2

Illustrated Parts List



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The products, technical information, and instructions contained in this manual are subject to change without notice. These instructions are not intended to cover all details or variations of the equipment, nor to provide for every possible contingency in the installation, operation or maintenance of this equipment. This manual assumes that the person(s) working on the equipment have been trained and are skilled in working with electrical, plumbing, pneumatic, and mechanical equipment. It is assumed that appropriate safety precautions are taken and that all local safety and construction requirements are being met, in addition to the information contained in this manual.

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This document contains the original instructions for the unit described.

CORNELIUS INC
101 Regency Drive
Glendale Heights, IL
Tel: + 1 800-238-3600

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CLADDING SYSTEM

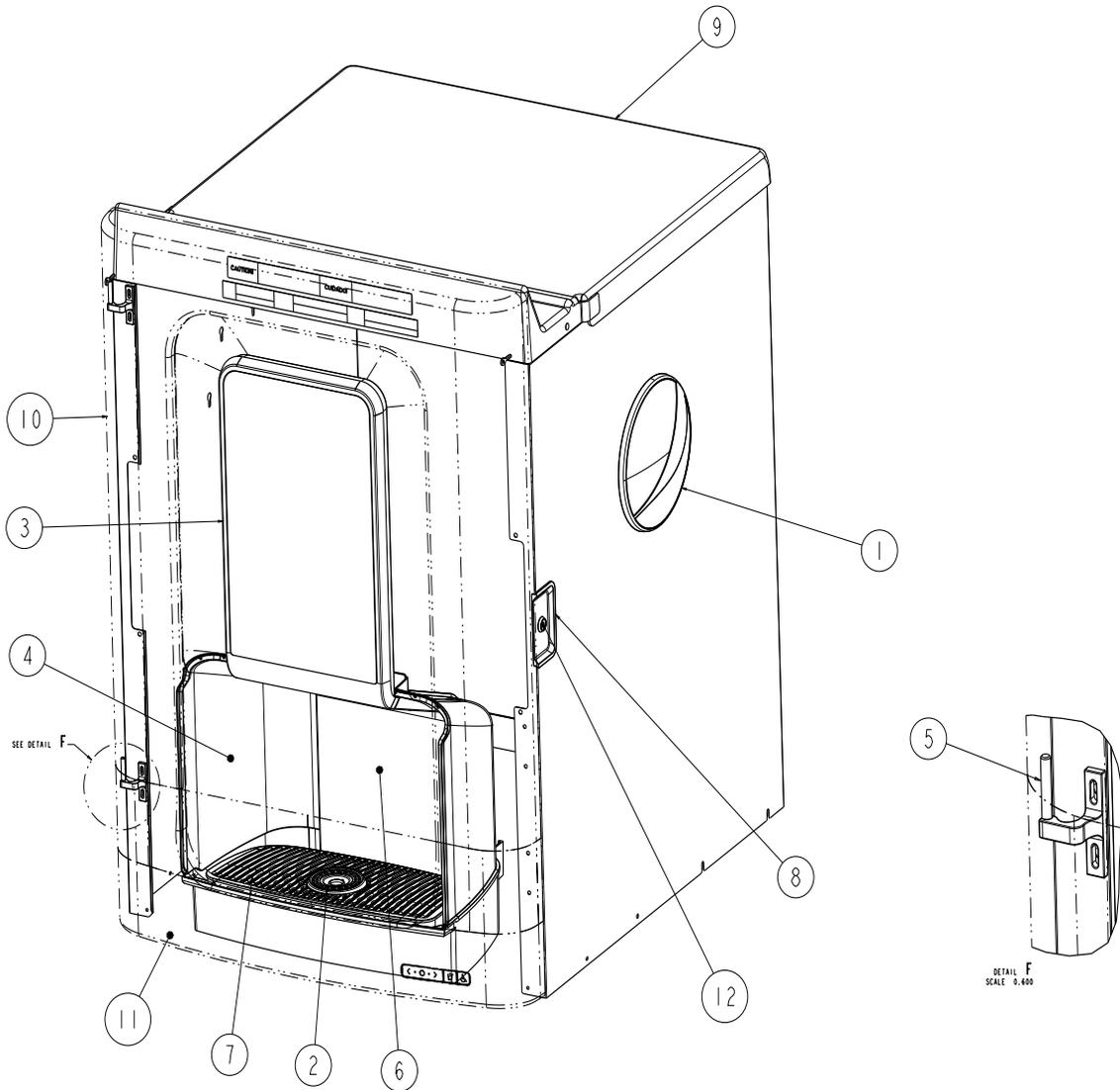


Figure 1. - Cladding System



Table 1: Cladding System

Item No	Part No	Description
1	07-1-003361	MEDALLION PEPSI GLOBE 8.84" DI
2	620057781	PEDESTAL CUP REST PEPSI TWR 2.0
3	620070222ATT	DISPLAY 15.6" AIO W/ATT SIM
	620070222ROG	DISPLAY 15.6" AIO W/ROGERS SIM
	620070222TEL	DISPLAY 15.6" AIO W/TELUS SIM
	620070222VER	DISPLAY 15.6" AIO W/VERI- ZON SIM
4	620065658	ENCLAVE SPIRE 4.1

Table 1: Cladding System (Continued)

Item No	Part No	Description
5	620065811	HINGE DOOR MALE SPIRE 4.1
6	620065912	PANEL SPLASH SPIRE 4.1
7	620066256	SLIDE ICE BLACK SPIRE 4.1
8	620066547	POCKET DOOR SPIRE 4.1
9	629097709	KIT 30" UNVRSL IM ADAPT W/ CVR SPIRE 4.1
10	620070489	DOOR SPIRE 4.1
11	629097704	KIT - DRIPTRAY REPLACE- MENT SPIRE 4.1
12	720703901	LOCK & KEY DOOR QST
*	720703902	KEY DOOR REPLACEMENT
*	629097689	KIT ANTI-TIP/DRPTRY ANTI- SAG SPIRE 4.1

* =NOT SHOWN

DOOR SYSTEM

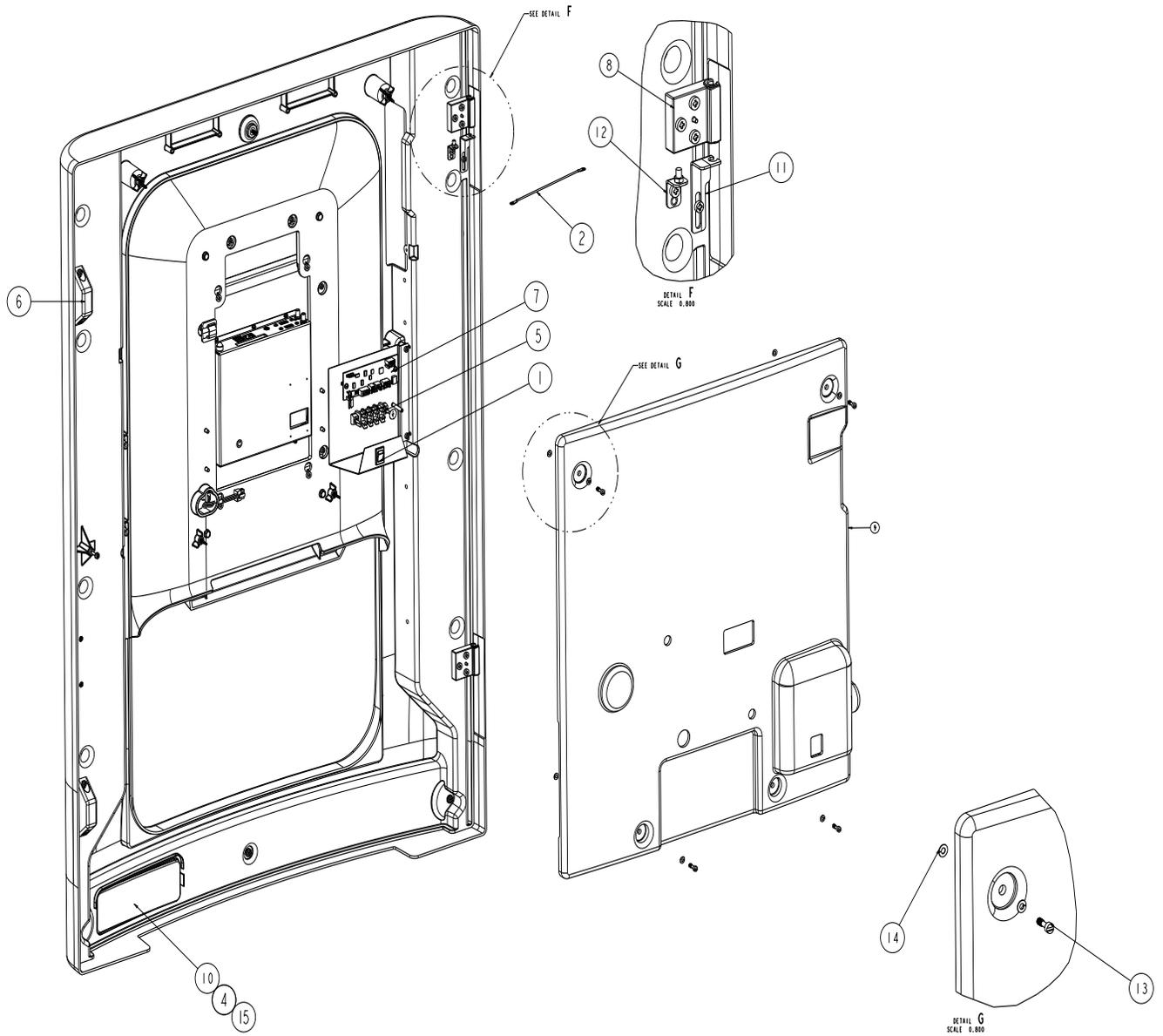


Figure 2. - Door System



Table 2: Door System

Item No	Part No	Description
1	45432	SWITCH ROCKER SEALED
2	620051892	CATCH LANYARD SS 6"
4	620057826-063	CABLE USB ADA SPIRE AIO
5	620059150	BLOCK TERMINAL 4 POLE
6	620062937	CATCH MAGNETIC SPIRE
7	620064016	BOARD LX3, PCBA
8	620065812	HINGE DOOR FEMALE SPIRE 4.1
9	620070273	COVER DOOR SERVICE VACFRM SPIRE 4.1
10	620065862	COVER ADA SPIRE 4.1
11	620065937	BRKT DOOR ANTI-REMOVAL SPIRE 4.1
12	620066519	BRKT DOOR STRAP SPIRE 4.1
13	620066824	SCREW- CAPTIVE #8-32 S.S. FISL

Table 2: Door System (Continued)

Item No	Part No	Description
14	620066825	RETAINER CAPTIVE SCREW S.S. #8-32
15	620057647-P14	KIT ADA BOARD SERVICE
*	620064253-001	HARN LX3 DC INPUT AIO
*	620067274-001	CABLE POWER SPIRE AIO
*	620070445	KIT ANTENNA FLEX W/ CLIPS SPIRE
*	620064253-002	HARN COVE LIGHT POWER AIO
*	620057826-035	CABLE USB TYPA RA TO MINI-B STR 0.3M LONG
* = Not Shown		

BEVERAGE VALVE & NOZZLE SYSTEMS

BEVERAGE VALVE & NOZZLE SYSTEMS

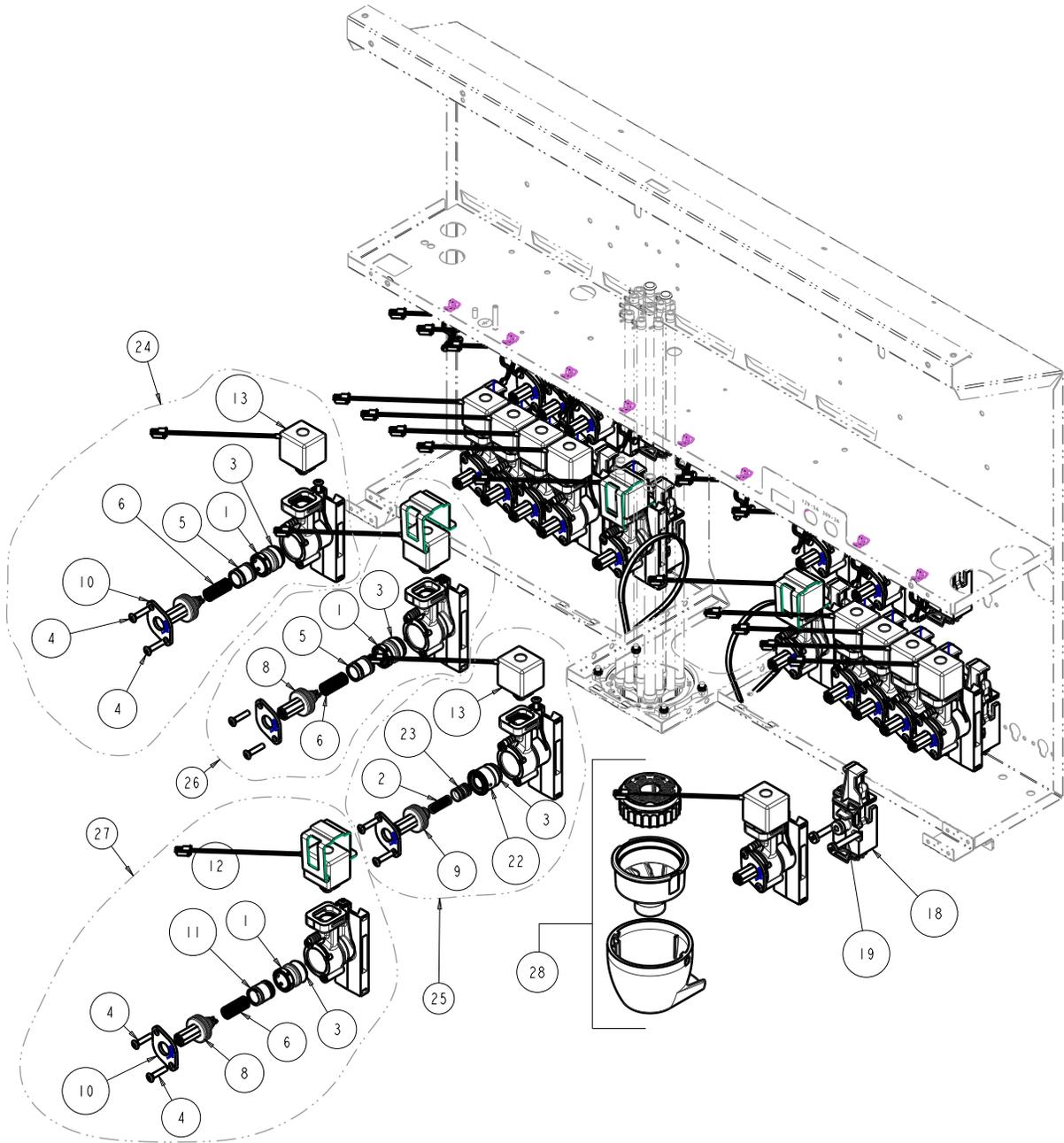


Figure 3. - Beverage Valve & Nozzle Systems



Table 3: Beverage Door & Nozzle Systems

Item No	Part No	Description
1	1934	CYLINDER, UF-1 FLOW CONTROL, CERAMIC
2	48258005	SPRING SYRUP SLJ
3	317816000	O-RING 676ID 070CS 70DU E16
4	560001108	SCREW TT 08-16 OVPH 26 SSPA
5	560006005	PISTON SYR REG CRMIC 2-4 OZ/SEC
6	560006176	SPRING FLOW-CNTL UFB 2-4 OZ
7	560007207	SCW ADJ UF-1 FLOW ASSY
8	560007207	1 SCW ADJ FLOW ASSY CRUSH RIB
9	560007207	2 SCW ADJ FLOW ASSY O-RING
10	620046317	RETAINER FLOW-CNTL BODY GRAPPA
11	620052858	PISTON WTR REG CRMIC SFV1
12	620058279	SOLENOID ASY 24V MFV WATER
13	620058280	SOLENOID ASY 24V MFV SYRUP
14	NA	
15	NA	
16	NA	
17	NA	
18	620518139	BLOCK BACK MOUNT ASY DUAL BULLFROG
19	620700601	SCREW TF SM 10-16 RDPH 40 SS

Table 3: Beverage Door & Nozzle Systems

Item No	Part No	Description
20	620709632	CLIP RETAINER GRAPPA SOLENOID
21	620715715	BODY VALVE GRAPPA BLK UT408
22	740002075	CYLINDER, FLOW CONTROL, 30:1 SYRUP, UF FAMILY, CERAMIC
23	740002076	PISTON, FLOW CONTROL, 30:1 SYRUP, UF FAMILY, CERAMIC
24	620065647S	VALVE SYRUP ASY MFV LITE
25	620065648F	VALVE FLAVR ASY MFV LITE
26	620066481W090	VALVE WATER ASY 90 MFV LITE
27	620066481W210	VALVE WATER ASY 210 MFV LITE
28	629097705	KIT GEN 5 NOZZLE TITANIUM SERVICE SPIRE
*	620711131	SEAL ARMATURE WATER VALVE
*	620711132	SEAL ARMATURE SYRUP/FLAVOR VALVE
*	321471000	LUBE O-RING DOW 111 (SEE NOTE BELOW)
*	629097745	KIT VAL CONV TO 14+6 SPIRE 4.2
*	620070434	NOZZLE ASSY BLK TUBG 4.2 SPIRE SERVICE KIT
* = Not Shown		

IMPORTANT !

Only Non-Petroleum based lubricants should be used on o-rings. Failure to use the correct lubricants can cause O-ring failure. Reference Cornelius Tech Tip TT-20170103.

ELECTRICAL SYSTEM

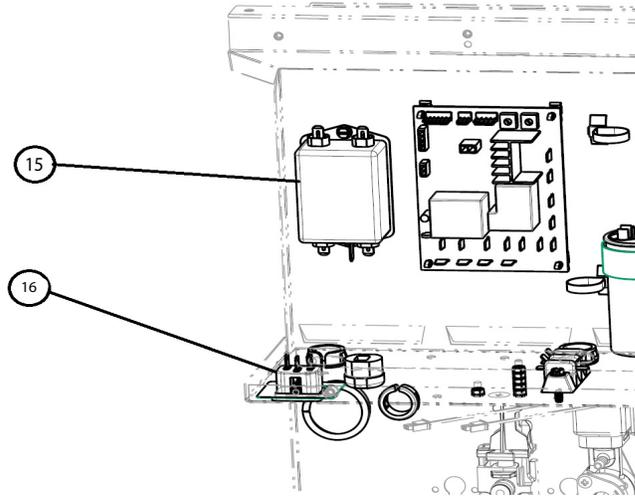


Figure 4.- Electrical System

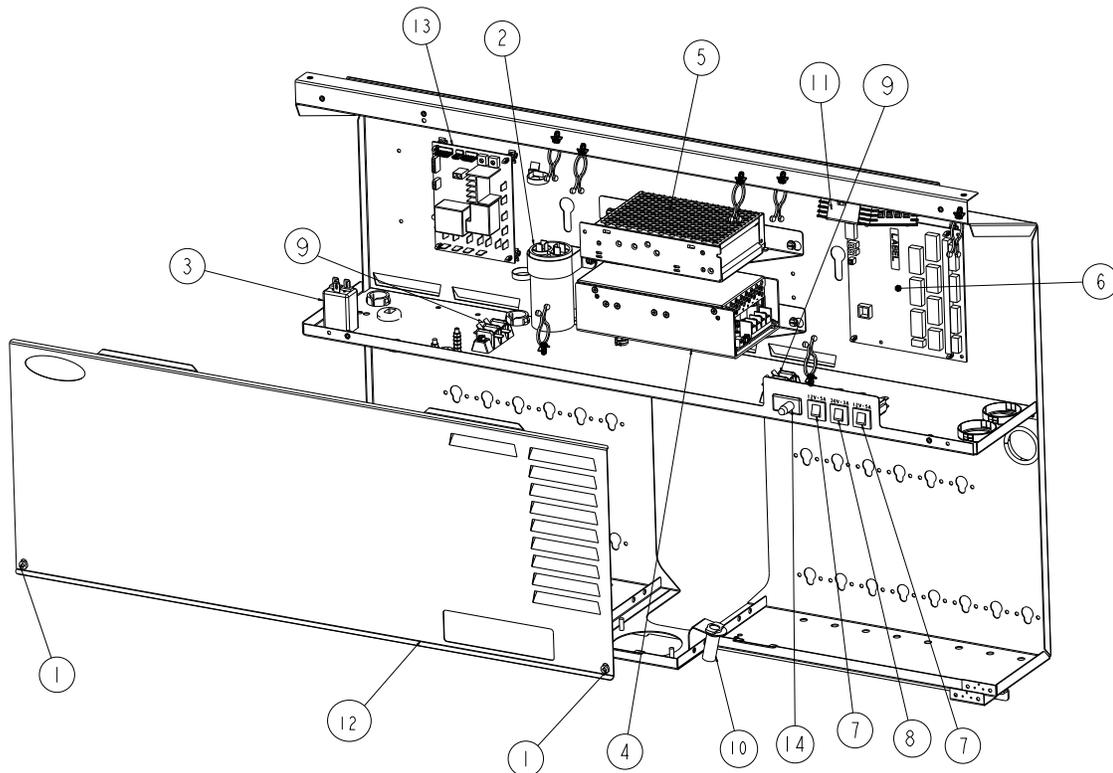


Figure 5.- Electrical System



Table 4: Electrical System

Item No	Part No	Description
1	70171	SCREW MA 08-32 TRPH 12 SS
2	620314324	CAPACITOR RUN AGITATOR MOTOR IDC 230VAC
3	620049958	CONN POWER ENTRY MODULE FILTERED (115V)
4	620057649-015	PWR SUPPLY 30VDC 350W
5	620057649-019	POWER SUPPLY 100W 12VDC
6	620070523-200	BOARD ASSY MFV EMI-ENHANCED 4W/16BR/8FL
7	620058545-002	BREAKER 5A CIRCUIT BREAKER
8	620058545-003	BREAKER 3A CIRCUIT BREAKER
9	620059150-002	BLOCK TERMINAL FASTON 2-CIRCUIT 300V
10	620066264	GUIDE LIGHT CUP LED SPIRE 4.1
11	620066493	HUB, USB 2.0, 4-1 HUB
12	620070411	COVER ELEC BOX SPIRE 4.1

Table 4: Electrical System (Continued)

Item No	Part No	Description
13	620314825-100	BOARD AGITATOR PCB W/SAFETY
14	720500713	SWITCH CUTOOUT 10 A MOM E6900A
15	4345	RECEPTACLE PUSHIN 125/230V CE (230V ONLY)
16	620307301-001	FILTER RFI POWER LINE CE 10 AMP DUAL STAGE(230V ONLY)
*	620049959-013	CORD POWER 115V USA (SEE ADDITIONAL CORDS BELOW)
*	620057864-001	HARN SPOTLIGHT LED CUP PEDESTAL
*	620058733-003	FILTER FERRITE SNAP-ON 240 OHM @ 100MHZ(230V ONLY)
*	620069617	HARN ASSY VARISTOR MODULE 240V(230V ONLY)
* = Not Shown		

Power Cord: 620049959-XXX	
Suffix	Country
- 002	JAPAN
- 003	GERMANY
- 004	CHINA
- 005	AUSTRALIA
- 006	INDIA
- 007	BRAZIL
- 008	U.K, DUBAI, SINGAPORE
- 009	ITALY, CHILE
- 012	KOREA
- 013'	USA



Table 5: Agitation & Dispense

Item No.	Part No	Description
1	15087	RETAINER AGITATOR
2	52876	GASKET MOTOR SHAFT
3	70066	WSHR-FT-A025-0265-0750-055-S8-XX
4	186294000	WSHR-SL-A025-0262-0487-078-S8-XX
5	620042770	AGITATOR DISK
6	620048706	GATE ICE IDC
7	620051502	CLEVIS PIN .25 DIA X 2.75 LONG
8	620065218	AGITATOR ARM REMOVABLE IDC2XX
9	620065220	AGITATOR ASY 2-PC IDC2XX
10	620065643	ICE LEVER SPIRE
11	620067459	COVER HOPPER FOAM IDC255
12	620314527	SENSOR POSITION ICE CHUTE IDC NGF
13	620314913	MOTOR GEAR 1/10 HP 110V 50HZ 6 RPM
13	620717110	GEAR MOTOR IDC2XX 230 VOLT 50/60

Table 5: Agitation & Dispense (Continued)

Item No.	Part No	Description
13	620314923	SERVICE MOTOR 115V (W/O GEAR BOX)
13	CALL CUSTOMER SERVICE	SERVICE MOTOR 230V (W/O GEAR BOX)
14	620518535	CHUTE ICE LOWER IDC
15	620067748	CHUTE ICE MECH ASY SPIRE 3.1/4.1/5.0
16	620518908	PLATE ICE GATE RESTRICTOR IDC
17	620709132	NUT- HEX 1/4-20 SS NYLOCK
18	620709346	LEVER ICE CHUTE BRACKET NGF/IDC/CF/FF
19	620709432	PIN- HAIRPIN COTTER 18-8SS IDC
20	620710129	GASKET ICE CHUTE IDC LOW DURO
21	620711105	SEAL GEARBOX SHAFT
22	620720590	SCREW- 1/4-20 SHCS SELF-LOCKING 32 SS
*	30794	HEATER MOTOR 115V
*	32826	HEATER MOTOR 220V 50/60
* = Not Shown		

COLD PLATE & CARBONATOR SYSTEMS

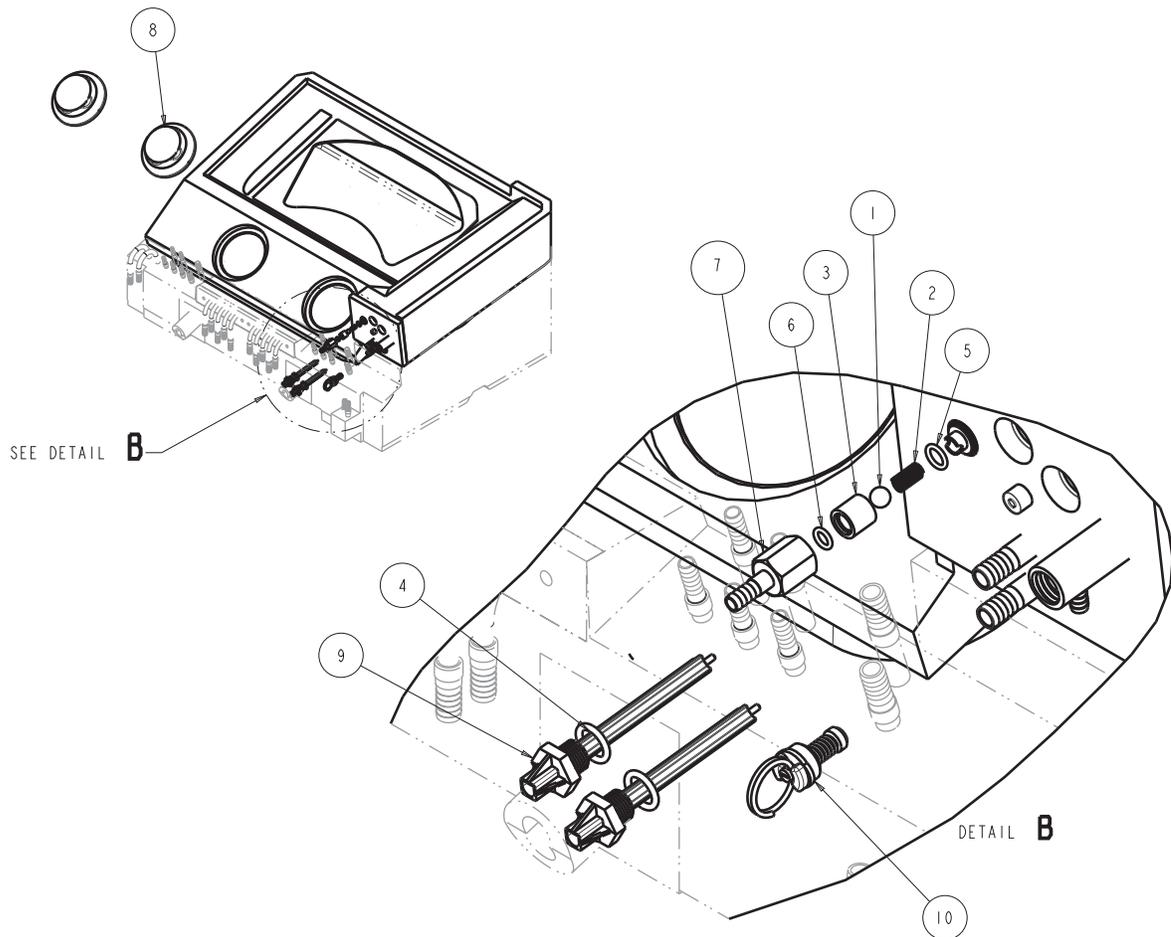


Figure 7. - Cold Plate & Carbonator Systems

Table 6: Cold Plate & Carbonator Systems

Item No	Part No	Description
1	64560	BALL .3125 SS (CHECK VALVE)
2	64678	SPRING
3	64686	SLEEVE SS CHK VLV
4	31525007	O-RING 488ID 103CS 60DU
5	150058000	O-RING 301ID 070CS 70DU

Table 6: Cold Plate & Carbonator Systems (Continued)

Item No	Part No	Description
6	317015000	O-RING 239ID 070CS 70DU
7	770000743	FITG- CHK VLV W/ 1/4 BRB
8	620516645	COVER COLDPLATE ACCESS
9	620607108	PROBE LEVEL CONTROL IDC
10	630001122	VALVE RELIEF ASY BLACK

CARBONATOR PUMP SYSTEM

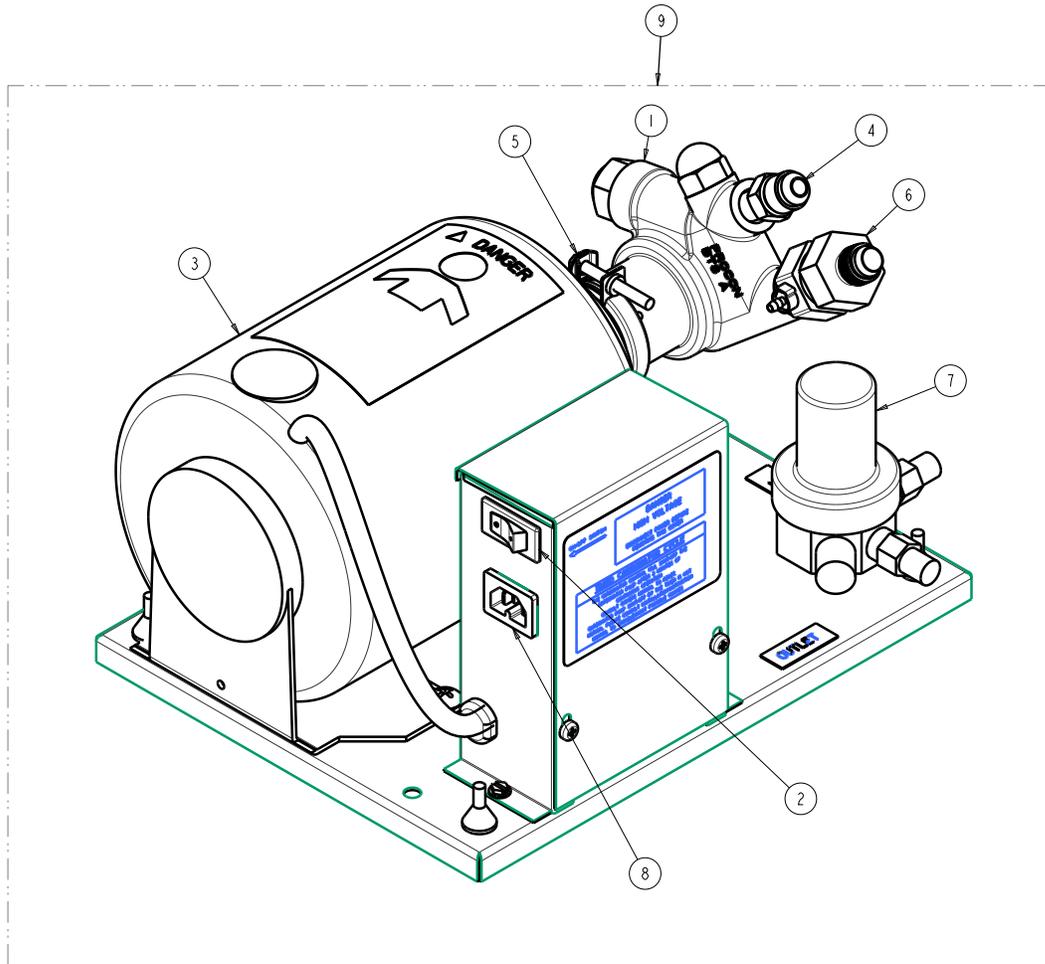


Figure 8. - Carbonator Pump Systems

Table 7: Carbonator Pump System

Item No	Part No	Description
1	60170LL	PUMP 125GPH W/S TRN PROCON LOW
2	397250003	SWITCH ROCKER 20A SNAP-IN
3	60030058	MOTOR PUMP 1/3 120/60 1725RPM
3	71860673	MOTOR PUMP 1/3 120/60 1725RPM
4	111337000	FITG STGHT 3/8MPT X 3/8 MF BR
5	187483000	CLAMP V 2"D PUMP&MOTOR

Table 7: Carbonator Pump System (Continued)

Item No	Part No	Description
6	620608773	VALVE CHK VENTED 3/8 MPT 5/8-16
7	620709802	REG PRESSURE 75PSI NON-ADJUSTABLE
8	620316456	CORD POWER PUMP/MTR
9	620408124	PUMP & MOTOR ASY 115 50/60
	620408153	PUMP & MOTOR ASY 230 50/60



