

PBD175 (SPIRE 3.0)

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.

This Product is warranted only as provided in Cornelius' Commercial Warrant applicable to this Product and is subject to all of the restrictions and limitations contained in the Commercial Warranty.

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Contact Information:

To inquire about current revisions of this and other documentation or for assistance with any Cornelius product contact:

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AGITATION & ICE DISPENSE SYSTEMS

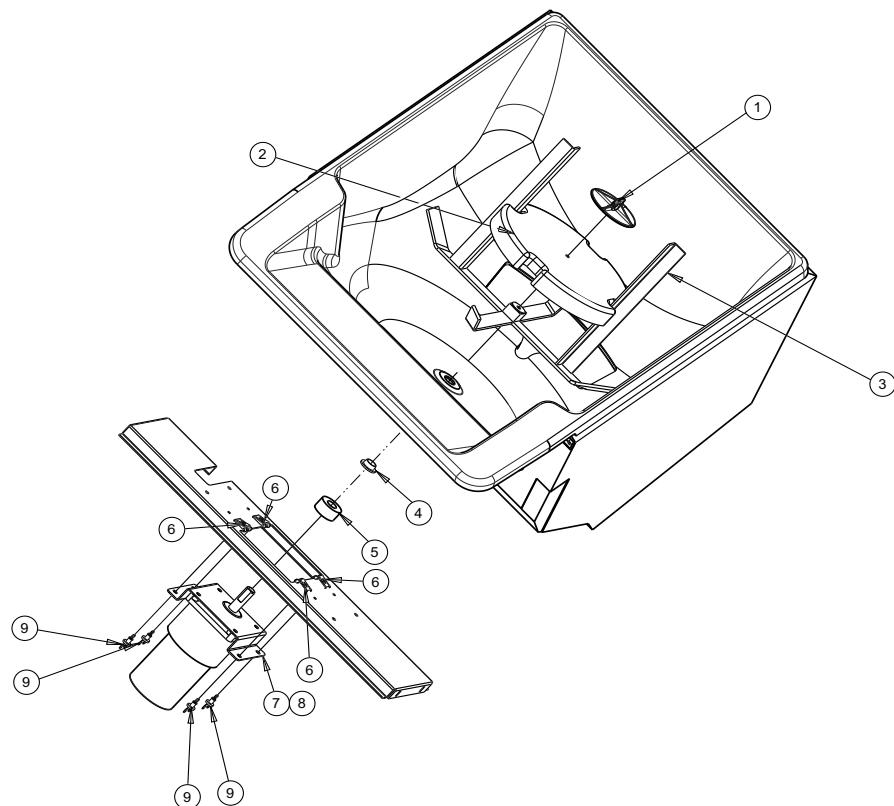


Figure 1.

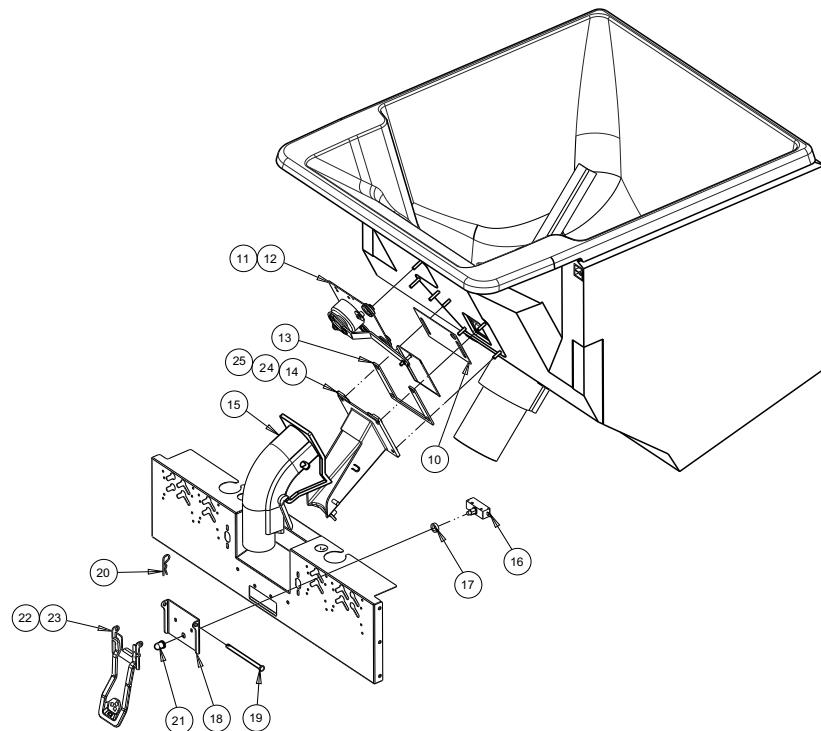
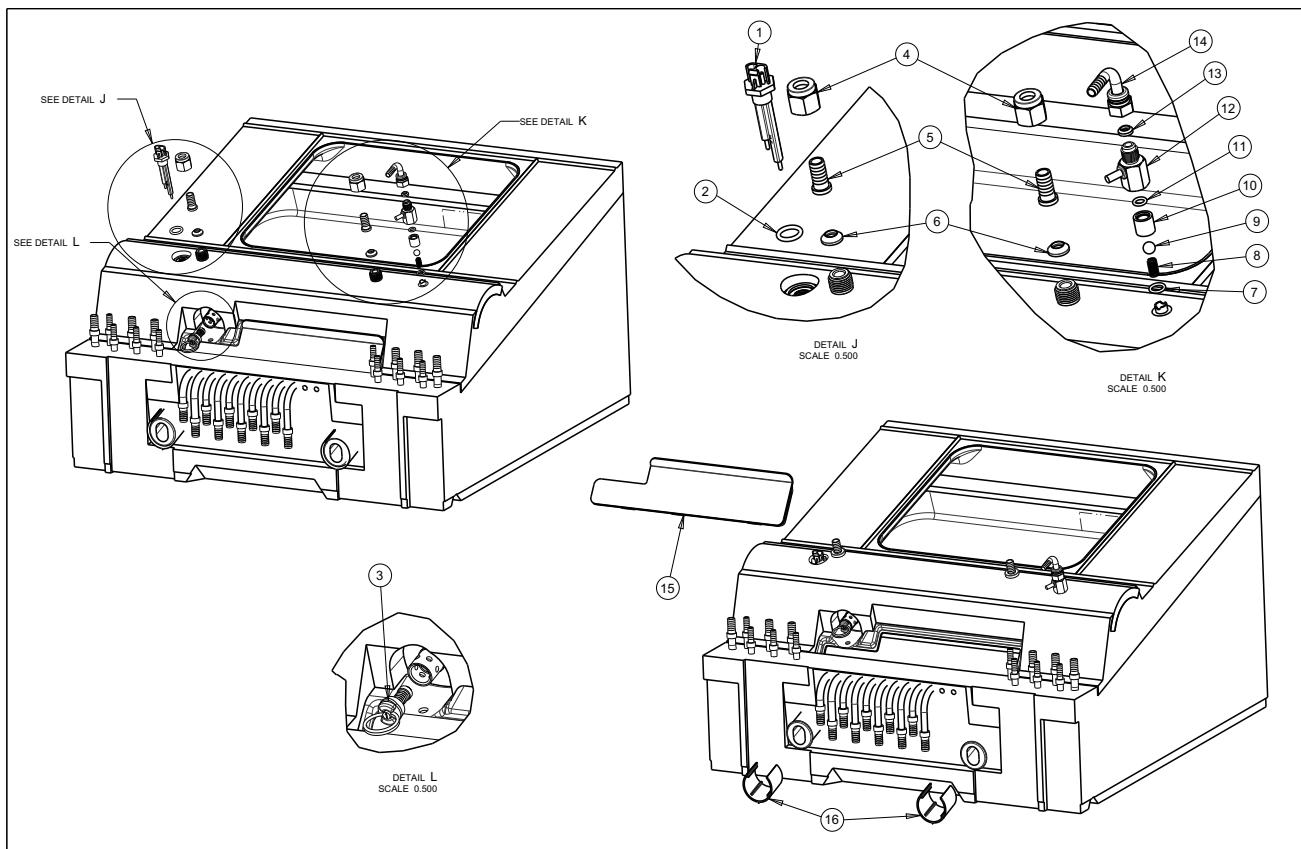


Figure 2.

Item No.	Part No.	Name
1	15087	RETAINER AGITATOR
2	53227	AGITATOR DISK
3	15346	AGITATOR ASSEMBLY
4	51859	SEAL SHAFT MOTOR
5	52876	GASKET MOTOR SHAFT
6	70992	RECEPTACLE 1/4 TURN
7	32498	MOTOR GEAR 1/20 HP 115V 50/60HZ 5 RPM
	32824	MOTOR GEAR 1/20 HP 230V 50/60HZ 5.0 RPM
8	29303R	PLATE MOTOR MOUNTING
9	70994	STUD WING HEAD 1/4 TURN
10	22081R	GATE RESTRICTOR
11	32954	SOLENOID ASSEMBLY 115V
	33409	SOLENOID ROTARY ASY 220V

Item No.	Part No.	Name
12	21491	GATE ICE
13	51891	GASKET GATE
14	620500901	CHUTE ICE
15	53168	COVER ICE CHUTE
16	30895	ACTUATOR SWITCH
17	70847	SPACER SWITCH
18	620062243	BRKT PIVOT ICE LEVER
19	620709445	CLEVIS PIN
20	620709432	PIN COTTER
21	31007	BOOT SWITCH
22	620062244	BRKT ICE LEVER
23	620062331	LEVER ICE DISPENSE
24	70056	WASHER- FT 219 500 049 SS #10
25	70017	NUT HEX 10-32 SS NYLOC
*	30794	HEATER AGIT MTR 2230AK6 115V
*	32826	HEATER MOTOR 220V 50/60,230V

NOTE: * (Not Shown)

COLD PLATE & CARBONATOR SYSTEMS

Figure 3.

Item No.	Part No.	Name
1	560004687	PROBE LEVEL CNTL QUAD
2	31525007	.488ID .103CS 60DU BU-N
3	630001122	VALVE RELIEF ASY BLACK
4	77030100	NUT SWIV 5/8-18 BRNI
5	77030500	FITG-NIPL .375 TUBE 3/8 FL NUT SS
6	311304000	GASKET 3/8 MALE FLARE FITG
7	150058000	O-RING .301ID .070CS 60DU EY-P
8	64678	SPRING
9	64560	BALL

Item No.	Part No.	Name
10	64686	SLEEVE SS CHK VLV
11	317015000	O-RING .239ID .070CS 70DU EY-P
12	560006103	VALVE CHK BODY
13	178025100	GASKET
14	77040100	FITG L-SWV
15	620513603	COVER ACC ED175 HICARB
16	620063987	DEFLECTOR C-PLT DRAIN ED-STYLE

BEVERAGE VALVE & NOZZLE SYSTEMS

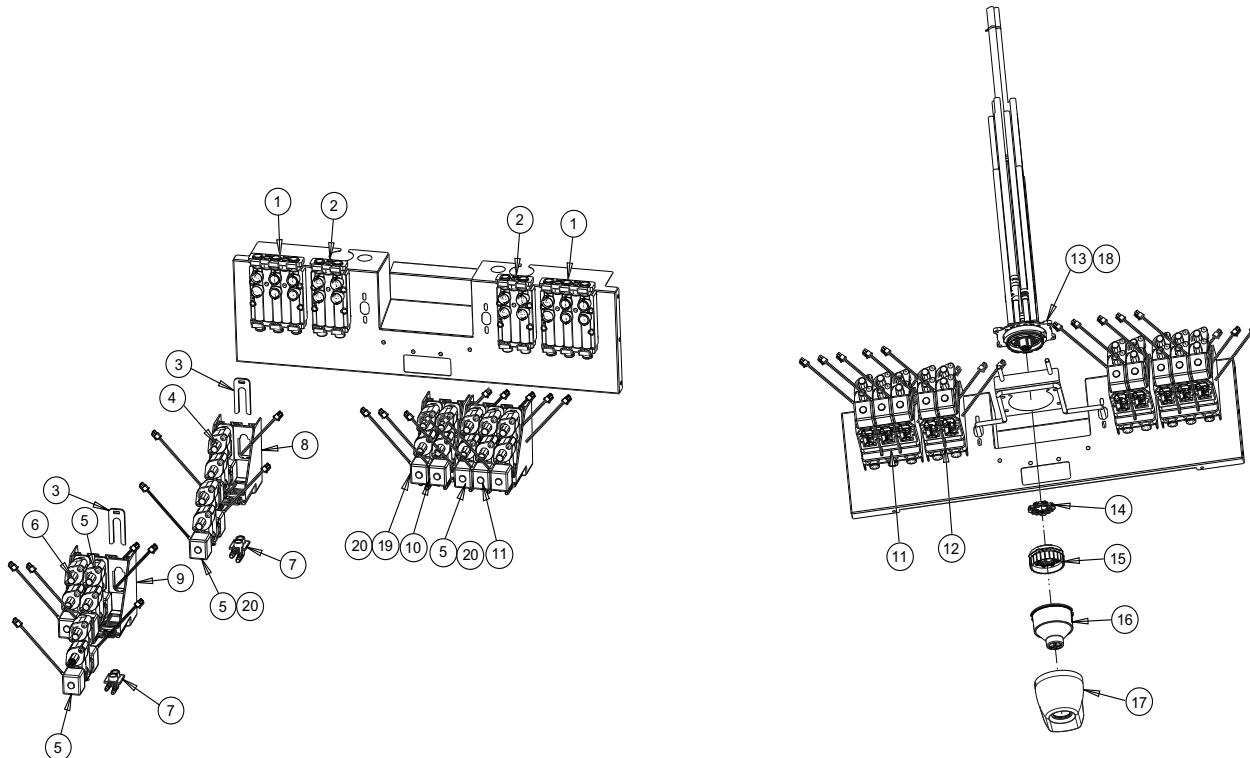


Figure 4.



Item No.	Part No.	Name
1	620056838	BLOCK BACK 3X2 W/SHUT-OFF MFV
2	620056832	BLOCK BACK 2X2 W/SHUT-OFF MFV
3	620058297	CLIP VALVE MODULE MFV
4	620056892W210	BODY VALVE W210 WATER MFV
*	1934	CYLINDER F-CNTL CERAMIC UF1
*	620052858	ISTON WTR REG CRMIC SFV1
*	620711131	SEAL ARMATURE - WATER SIDE
5	620056892S	BODY VALVE SYRUP MFV
*	1934	CYLINDER F-CNTL CERAMIC UF1
*	560006005	PISTON SYR REG CRMIC 2-4 OZ /SEC
*	620711132	SEAL ARMATURE - SYRUP SIDE
6	620056892F	BODY VALVE FLAVOR MFV
*	620048459	SLEEVE CYLINDER F-CNTL UF VALVE
*	620048460	PISTON SYRUP 30:1
*	620711132	SEAL ARMATURE - SYRUP SIDE
7	620057859	FITG SYRUP BARB MFV
8	620057857	BASE 2 MODULE MFV
9	620057858	BASE 3 MODULE MFV
10	620058272-008	VALVE ASSY 2 LOW FLOW WATER +2 BRAND
11	620058272-012	VAL ASSY 2 FLAVOR + 4 HY BRAND
12	620058272-009	VALVE ASSY 2 LOW FLOW WATER + HY BRAND
13	620062638	NOZZLE ASY 12 X 4 PBD

Item No.	Part No.	Name
14	620059737	SEAL DIFFUSER MULTIFLAVOR NOZZLE, GEN 2
15	620059736	VALVE DIFFUSER MFV TOWER 2.0
16	620516543	HOUSING INNER NOZZLE MFV
17	620059223	NOZZLE OUTER PBD
18	620716317	O-RING 2.05ID 103CS 65DU E14
19	620056892W90	BODY VALVE W90 WATER MFV
*	1934	CYLINDER F-CNTL CERAMIC UF1
*	560005177	PISTON WTR REG CRMIC LBIT
*	620711131	SEAL ARMATURE - WATER SIDE
20	620057860	FITG WATER BARB MFV
*	629097448	KIT FLOW CONTROLS HYDIET SPIRE
*	620058279	SOLENOID ASY 24V MFV WATER
*	620058280	SOLENOID ASY 24V MFV SYRUP
*	620059773	QUAD-RING 364ID 070CS 70DU 559PE

NOTE: * (Not Shown)

ELECTRICAL SYSTEM

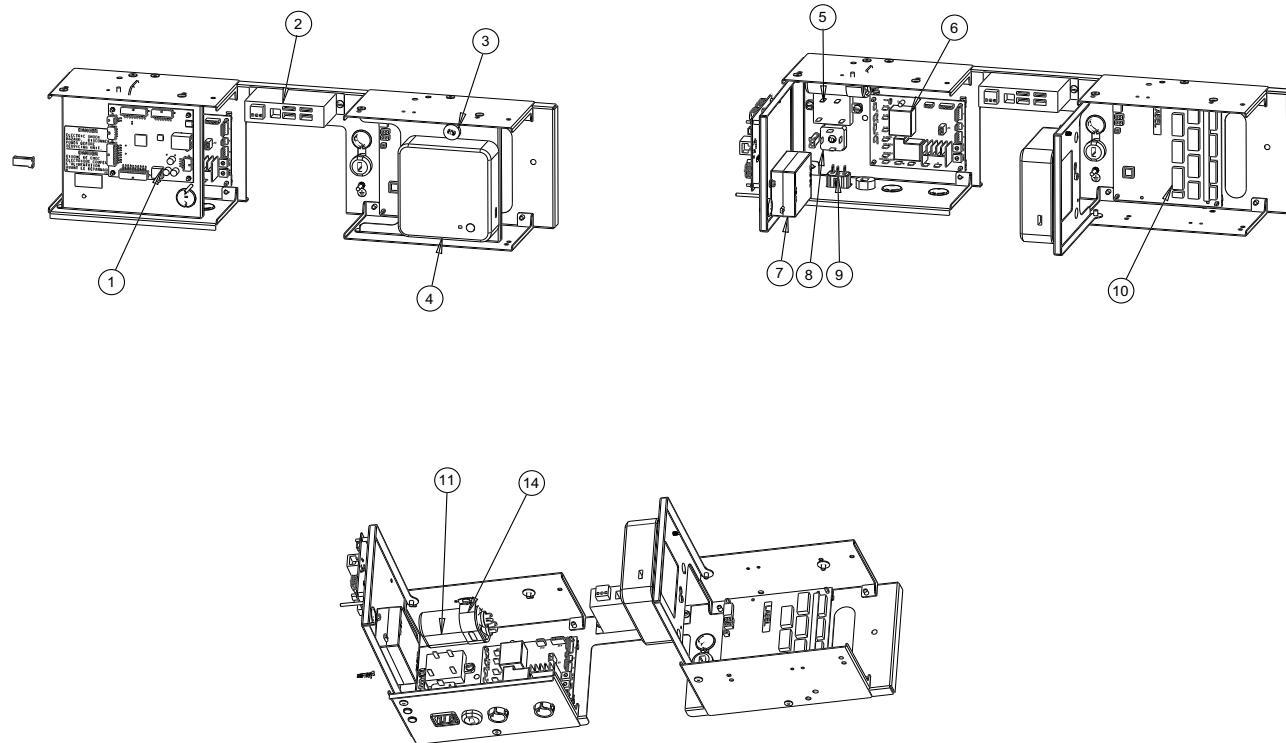


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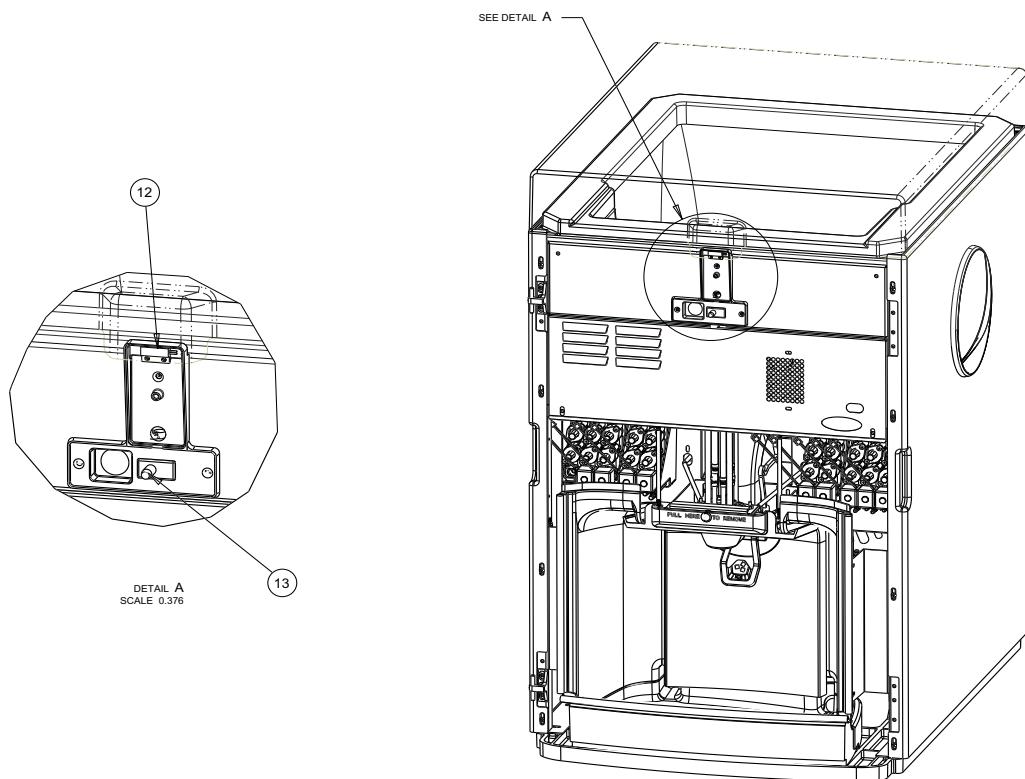


Figure 6.



Item No.	Part No.	Name
1	620058677-200	BOARD DX3.2 SENSOR/LIGHTING PCBA PBD
2	620057734-100	HUB USB 4-PORT
3	71825248	WASHER
4	620059692-200	BOARD PRG'D SPIRE 3.0 NUC ASY
5	560000359	RELAY SPST SSTATE
6	620314825-100	BOARD AGITATOR PCB W/SAFETY FUNCTIONS
7	620057649-A01	PWR-SUPPLY 24VDC 35W LED ASSY
8	32958	RECTIFIER 10AMP 800V
9	4345	RECEPTACLE PUSHIN
10	620057808-600	BOARD MFV PCBA 12-4-4 CONFIG, NO RELAY
11	30774	CAPAC MOTOR AGIT 2230AK6 115V
	620314307	CAPAC RUN 2.5MFD 450 VAC 50/60H
12	620314527	SENSOR POSITION
13	720500713	SWITCH CUTOUT
14	30514	STRAP CAPAC 115V
	620308102	STRAP MTG ELEC CONDUIT RIGID+ 230V
*	620057826-012	CABLE USB CABLE HUB TO ADA PEPSI BRIDGE 2M LONG
*	620057826-014	CABLE USB NUC TO USB HUB/MFV TO USB HUB 8" LONG
*	620057826-032	CABLE USB HUB TO DX3 PCB PEPSI BRIDGE 8" MALE-TYPE TO MINI B
*	620057849-112	CABLE HDMI CABLE PEPSI BRIDGE
*	620057861-125	HARN TOUCHSCREEN POWER 48"
*	620061847-002	HARN CPC CABLE SPIRE 3.0 11FT

NOTE: * (Not Shown)

ENCLAVE

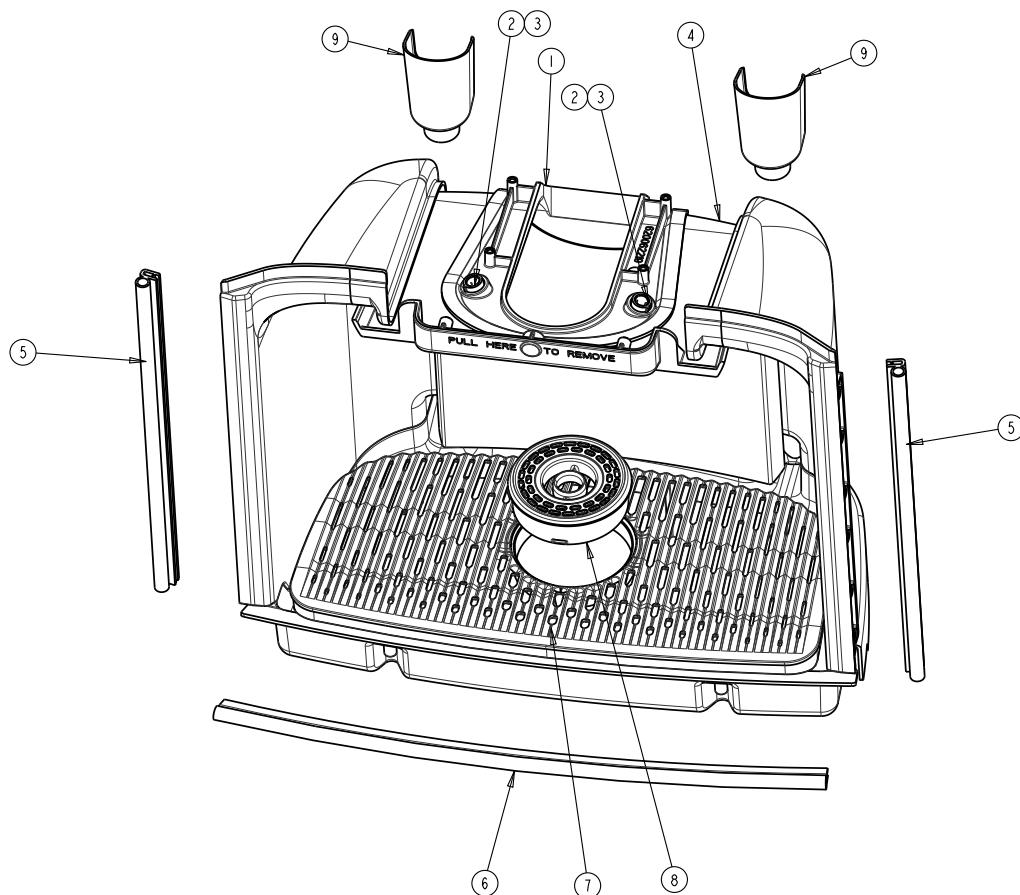


Figure 7.

Item No.	Part No.	Name
1	620059225-001	PANEL STATIC CLADDING WHITE PBD
	620059225-002	PANEL STATIC CLADDING TUNGSTEN PBD
	620059225-003	PANEL STATIC CLADDING MIDNIGHT PBD
2	620059226	LENS SPOTLIGHT PBD
3	620057864-003	HARN LED DOWNLIGHT
4	620059250-001	PANEL SPLASH PEARL PBD
	620059250-002	PANEL SPLASH TUNGSTEN PBD
	620059250-003	PANEL SPLASH MIDNIGHT PBD

Item No.	Part No.	Name
5	620059429-001	GASKET BULB SIDE
6	620059430-001	GASKET BULB BOTTOM
7	620062201-001	SLIDE ICE PEARL PBD255
	620062201-002	SLIDE ICE TUNGSTEN PBD255
	620062201-003	SLIDE ICE MIDNIGHT PBD255
8	620057781	PEDESTAL CUP REST
9	620063617	FUNNEL C-PLT DRAIN SPIRE 3.0

CLADDING NON-ICE MAKER & ICE MAKER

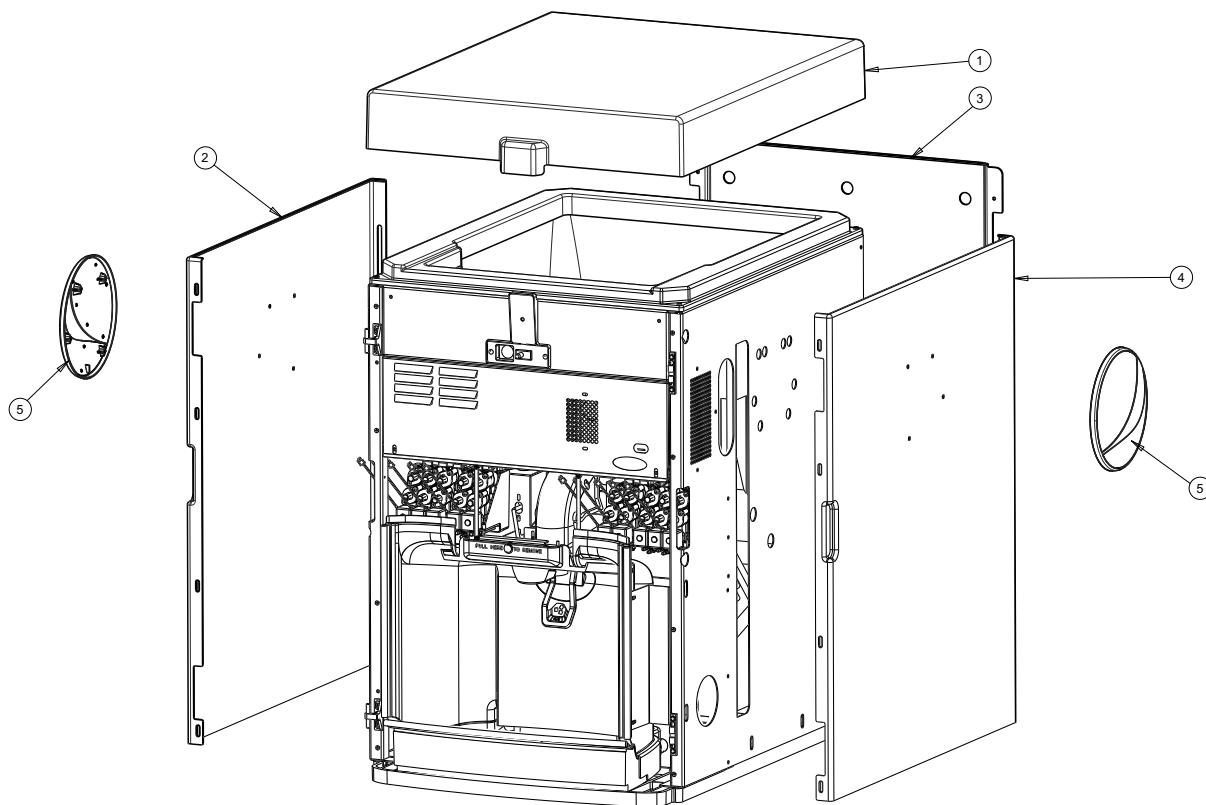


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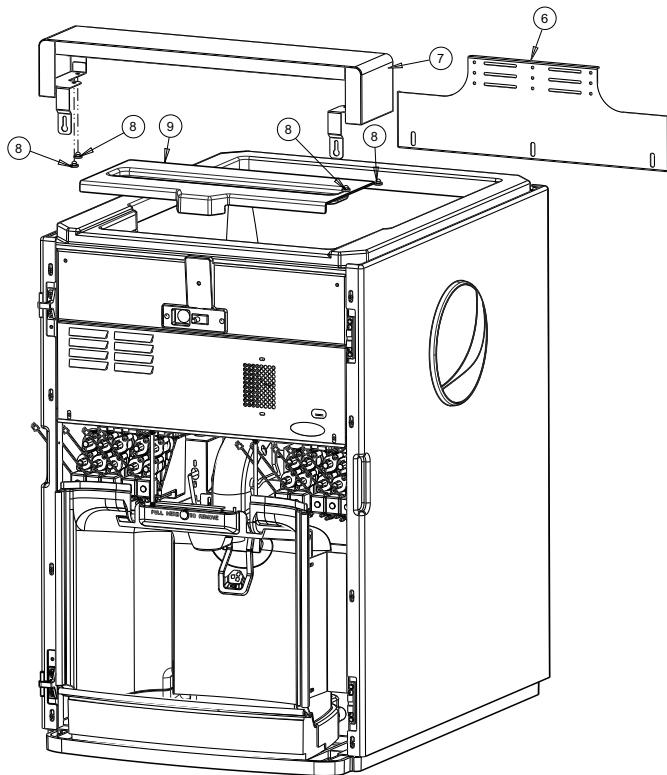


Figure 9.

Item No.	Part No.	Name
1	620062175-001	LID TOP PEARL PBD175
	620062175-002	LID TOP TUNGSTEN PBD175
	620062175-003	LID TOP MIDNIGHT PBD175
2	620062174-001	PANEL SIDE LEFT PEARL PBD175
	620062174-002	PANEL SIDE LEFT TUNGSTEN PBD175
	620062174-003	PANEL SIDE LEFT MIDNIGHT PBD175
3	620062362-001	PANEL BACK PEARL PBD175
	620062362-002	PANEL BACK TUNGSTEN PBD175
	620062362-003	PANEL BACK MIDNIGHT PBD175
4	620059431-001	PANEL BACK PEARL NON-ICEMKR PBD
	620059431-002	PANEL BACK TUNGSTEN NON-ICEMKR PBD
	620059431-003	PANEL BACK MIDNIGHT NON-ICEMKR PBD

Item No.	Part No.	Name
5	07-1-003361	MEDALLION PEPSI GLOBE ;8.84" DIA.
6	620062363	BRKT ICEMAKER MTG
7	620062866	FILLER ASSY COVER IM PBD
8	620057101	BUMPER PUSH-IN
9	620062360	COVER MANUAL ICE FILL W/ ICEMKR
*	629097467-001	KIT UNIT LID PEARL SPIRE 3.0
*	629097467-002	KIT UNIT LID TUNGSTEN SPIRE 3.0
*	629097467-003	KIT UNIT LID MIDNIGHT SPIRE 3.0

NOTE: * (Not Shown)

DOOR ASSEMBLY & HINGING SYSTEM

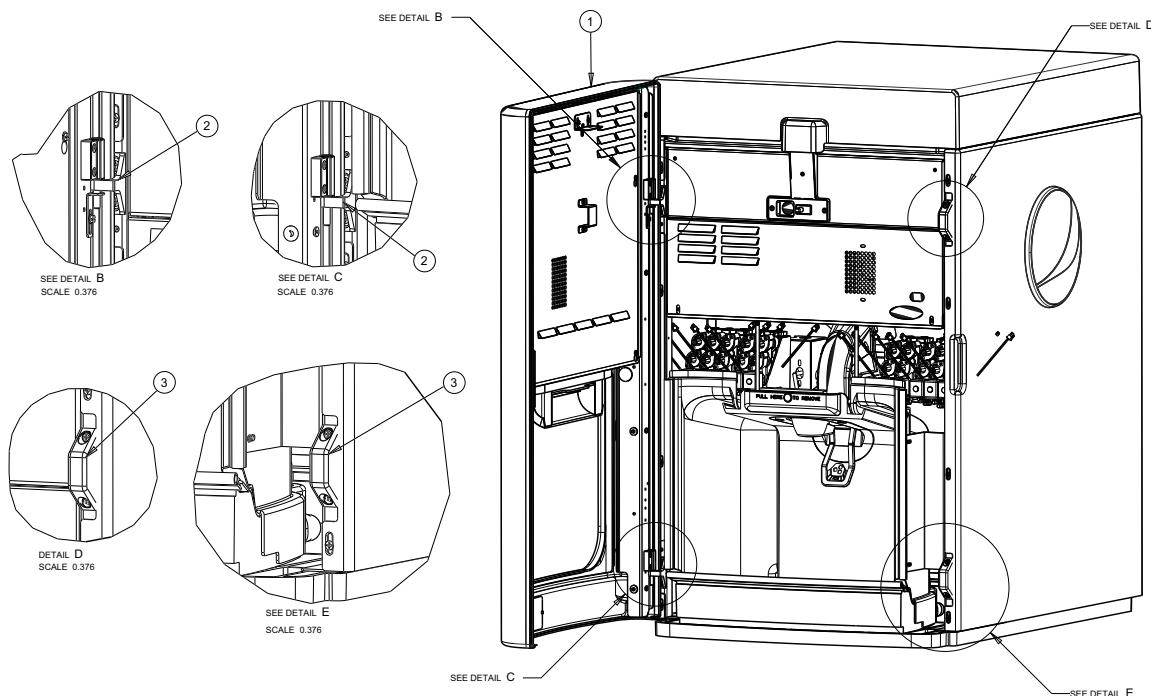


Figure 10.

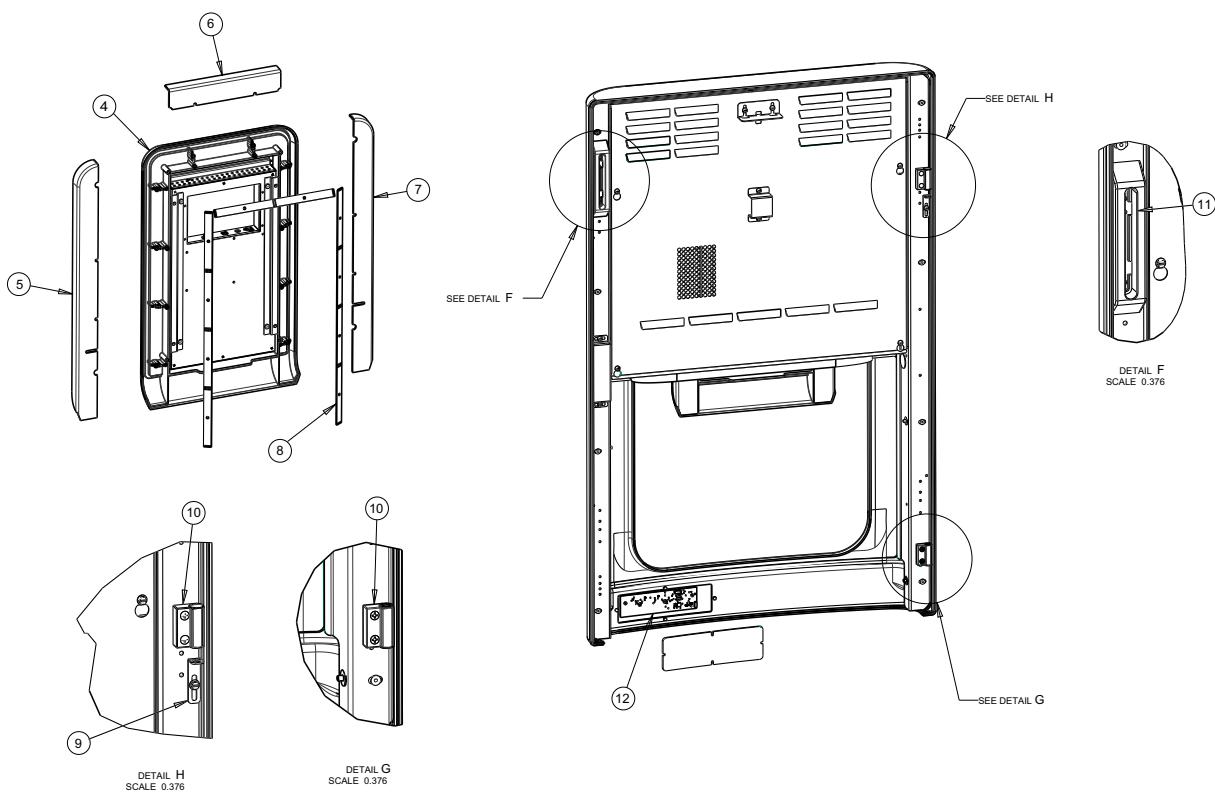


Figure 11.

Item No.	Part No.	Name
1	620062211-001	DOOR ASSY PEARL W/DISPLAY PBD175
	620062211-002	DOOR ASY TUNGSTEN W/DISPLAY PBD175
	620062211-003	DOOR ASY MIDNIGHT W/DISPLAY PBD175
2	620062635	HINGE DOOR MALE
3	620062937	CATCH MAGNETIC SPIRE
4	620062216-001	TOUCHSCREEN & FRAME ASSY 15.6" PEARL PBD175
	620062216-002	TOUCHSCREEN & FRAME ASSY 15.6" TUNGSTEN PBD175
	620062216-003	TOUCHSCREEN & FRAME ASSY 15.6" MIDNIGHT PBD175

Item No.	Part No.	Name
5	620062233	DIFFUSER COVE RS
6	620062235	DIFFUSER COVE TOP
7	620062234	DIFFUSER COVE LS
8	620057652-A10	BOARD ASY COVE LIGHTING
9	620062240	BRKT DOOR ANTI-REMoval
10	620058683	HINGE DOOR FEMALE
11	620063156	RAMP MAGNETIC CATCH SPIRE
12	620057647-P14	BOARD SERVICE ADA KEY-PAD SPIRE 3.0 & 5.0

EXTERNAL ELECTRICAL SYSTEM

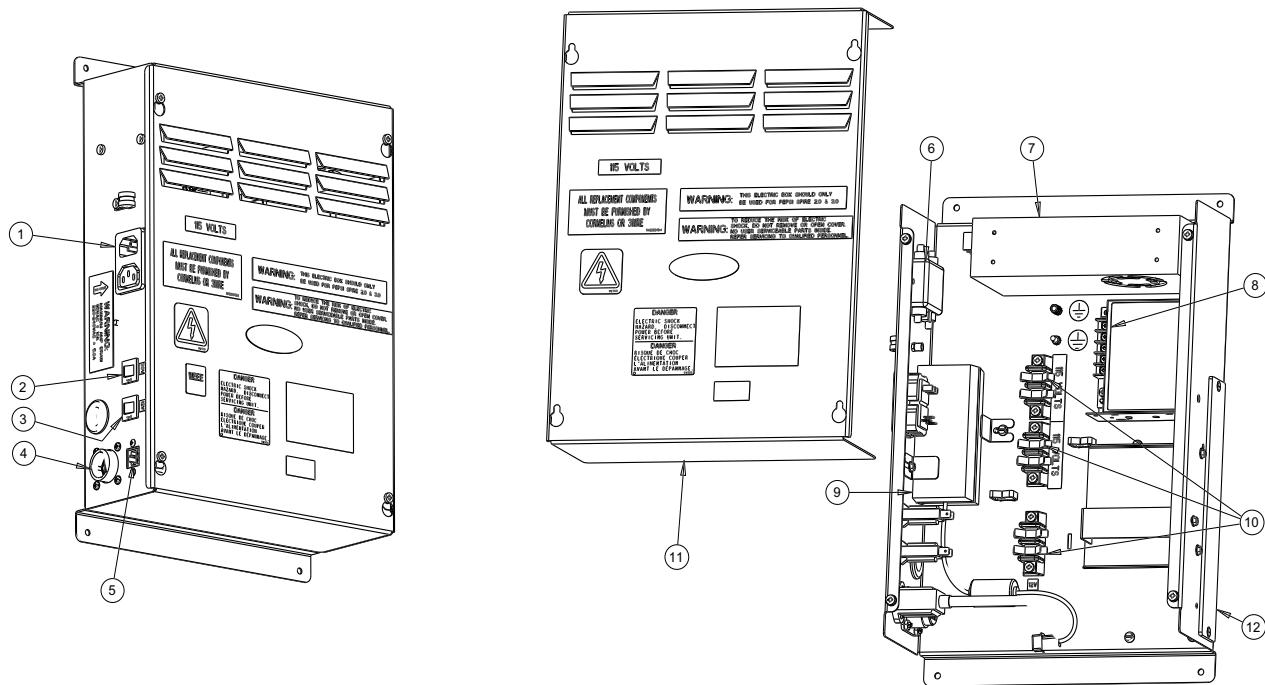


Figure 12.

Item No.	Part No.	Name
1	620062236-001	INLET IEC INLET/OUTLET
2	620058545-003	BREAKER 3A CIRCUIT BREAKER
3	620058545-002	BREAKER 5A CIRCUIT BREAKER
4	620061915-A01	HARN CPC PANEL MOUNT ASSY PEPSI SPIRE
5	620062251-002	HARN ETHERNET CAT-6 PANELMOUNT 12"
6	620307301	FILTER RF1 POWER LINE CE
7	620057649-015	PWR SUPPLY 30VDC 350W

Item No.	Part No.	Name
8	620057649-004	PWR-SUPPLY 88-264V 50/60HZ 12VDC 50W
9	620061964-A01	PWR SUPPLY ASSY 19V NUC
10	620059150-002	BLOCK TERMINAL FASTON 2-CIRCUIT 600V
11	620059036	COVER E-BOX
12	620059332	WINDOW MODEM PBD
*	620049959-013	CORD IEC60320-C13, 12FT, STRAIGHT
*	620049959-014	HARN C13 TO C14 EXTENSION 10FT

NOTE: * (Not Shown)



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