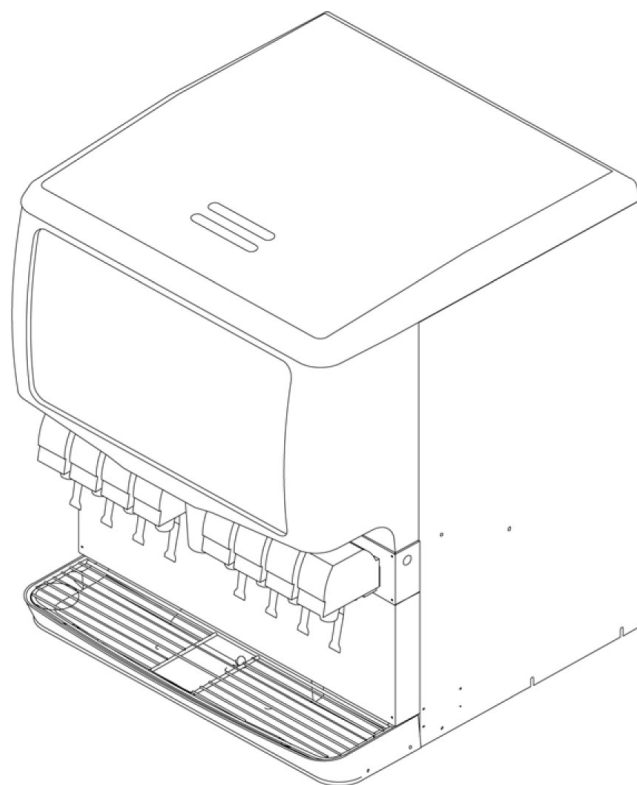




ILLUSTRATED PARTS LIST

ENDURO - 200/250



Release Date: April 01, 2004

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Revision Date: September 20, 2016

Revision: M

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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 Warranty 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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CABINET SECTION ASSEMBLY

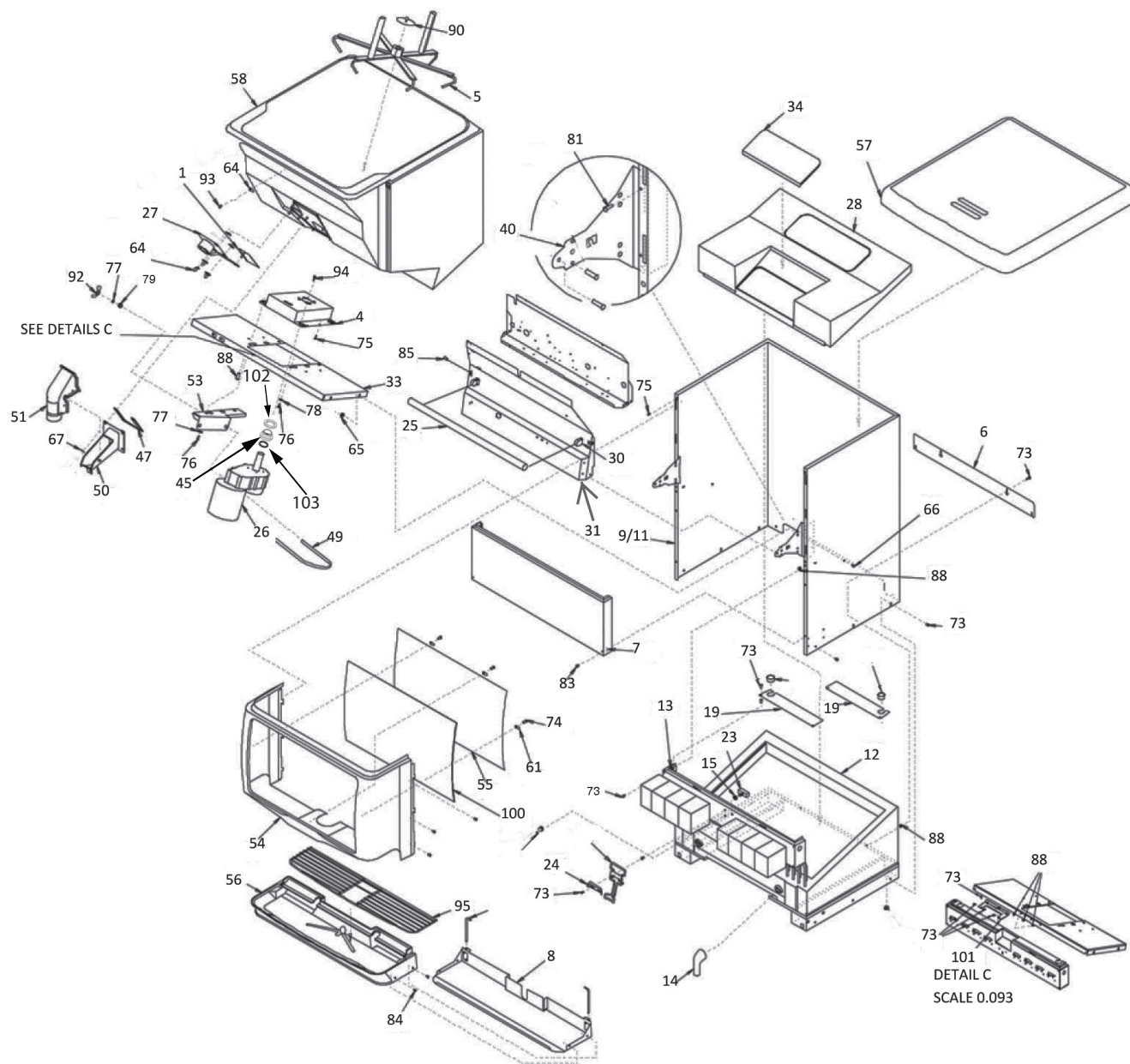


Figure 1

Item No.	Part No.	Name
1	21491	Slide, Gate
3	Not used	
4	29541R	Plate, Motor Mount
5	29694	Agitator
6	29555	Cover, Rear Wrapper
7	Not Used	

Item No.	Part No.	Name
8	620028702	Support, Drip Tray (Use for units built after 11/15/98. Serial number cut off: DF – ZRM1013131 and ED – 62A9841ED343)
9	29540R	Cabinet 200
11	29547	Cabinet 250
12	Not Used	
13	Contact Sales	Panel/Cold Plate/Valve Ass'y
14	53011	Fitting, Cold Plate

Item No.	Part No.	Name
15	Not Used	
16	31007	Boot, Switch
17	15500	Dispense Lever, Short (Cup Activated)
	15488	Dispense Lever, Long (Cup Activated)
	15502	Push Lever Ice Dispense
18	50767	Snap Bushing
19	10145	Pin, Drip Tray
20	Not Shown	
21	Not Used	
22	Not Used	
	Not Shown	
	Not Shown	
23	02070	Dispense Switch Kit (Includes switch #14, boot #22, spacer #91)
24	27107	Retainer, Ice Dispense lever
25	31928	Bulb, Florescent
26	620314922	Agitator Motor 120 Volt (Use for units beginning with serial number 62A0540ED248)
	33404	Agitator Motor 220-240 Volt
	620048092	Capacitor, 250V 20mfd.
27	32954	Solenoid Assembly, 120 Volt
	33409	Solenoid Assembly, 220-240 Volt
28	53255	Cover, Access (Cold Plate)
29	Not Shown	
30	Not Shown	
31	Not Used	
32	Not Shown	
33	29542	Bracket, Motor Mount
36	71010	Washer, Captivating No. 8
37	Not Shown	
38	Not Used	
39	Not Used	
40	Not Used	

Item No.	Part No.	Name
41	Not Used	
42	Not Used	
43	Not Used	
44	Not Used	
45	**620061600	Motor Shaft Seal
46	Not Shown	
47	Not Used	
48	Not Shown	
49	71025	Strap, Motor, 220-240V?
	620516432	Strap, Motor, 120V
50	620500901	Ice Chute
52	Not Shown	
53	15132	Motor Mount, 220-240V
	620052843	Motor Mount, 120V
54	53001	Merchandiser, Gray (ED250)
	53000	Merchandiser, Gray, (ED200)
	52912	Merchandiser, Black, (ED250)
	52911	Merchandiser, Black, (ED200)
	15754	Merchandiser, S.S., (ED250)
	15755	Merchandiser, S.S., (ED200)
	620011505	Merchandiser, S.S., (For Lid & Straw Holder ED250)
	620011509	Merchandiser, S.S., (For Lid & Straw Holder ED200)
	620011506	Merchandiser, S.S., (For Medalion ED250)
	620011510	Merchandiser, S.S., (For Medalion ED200)
	620011507	Merchandiser, S.S., (For Low Ice Light ED250)
	620011511	Merchandiser, S.S., (For Low Ice Light ED200)
55	52950	Panel, Inner, ED250
	52949	White Lens, ED200
56	53211	Drip Tray, Gray, Insulated
	53210	Drip Tray, Black, Insulated



Item No.	Part No.	Name
58	53018	Lid, Dispenser, Gray
	52909	Lid, Dispenser, Black
59	Not Shown	
60	Not Used	
61	52972	Tab, Retaining
62	Not Shown	
63	Not Used	
64	70016	Hex Nut, No. 10-32
65	70017	Hex Nut, No. 10-32, Nyloc
66	53299	Tab, Retaining
67	70242	Screw, No. 10-32 By 3/8-In. Long
68	Not Used	
69	Not Used	
70	Not Used	
71	Not Used	
72	Not Used	
73	Not Used	
74	70171	Screw, No. 8-32 By 3/8-In. Long
75	70178	Screw, No. 8-32 By 1/2-In. Long
76	70204	Screw, No. 8 By 1/2-In. Long
77	Not Used	
78	71033	Screw, 3/8-16 by 3/4In. long
79	Not Used	
80	Not Used	
81	70320	Pop Rivet, 1/8 Dia.
82	70341	Spring, Motor Heater

Item No.	Part No.	Name
83	Not Shown	
84	70478R	Clip, Push-on
85	70555	Screw, No. 8-32 By 2 5/8-In. Long
86	Not Shown	
87	620701601	Sheet Metal Screw, No. 10 By 1/2-In. Long
88	Not Used	
89	70959	Hex Nutsert, No. 8-32
90	15087	Disk Agitator
91		
92		
93		
94		
95	Contact Sales	
96	Not Used	
97	Not Used	
98	Not Used	
99	Not Used	
100	Not Used	
101	620045417	Bracket, Support
102	**620061992	Gasket
103	**620062926	Quad-ring

NOTE:* Not Shown

****Parts included in Agitator Motor Kit**

*****For 220-240V Models, 51908 Plug Replaced by 62303001 Push Button Switch Actuator and 620303002 Switch Block.**

KIT ICE CHUTE DOUBLE GASKET

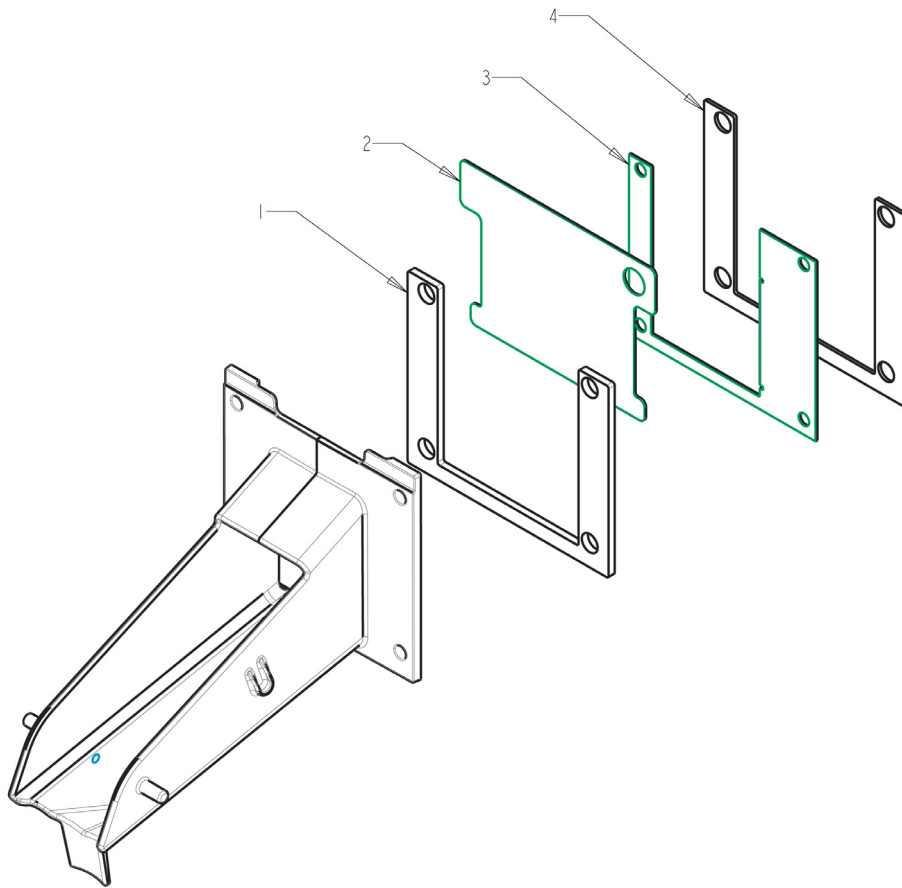


Figure 2

Item No.	Part No.	Name
1	620059717	Gasket Out Gate Outer (Red)
2	620059707	Gate Restrictor
3	620059705	*Deflector Ice Gate
	620059706	*Deflector Ice Gate RH ED300
4	620059718	Gasket Ice Gate Inner (Black)

NOTE: * Used on soft Ice models only.



CAUTION:

Tighten #10-32 Nuts to 3.0 IN* LBS of Torque. Red gasket will deform slightly under load, but should not squeeze out of seal path.

ELECTRICAL BOX ASSEMBLY - FLUORESCENT LIGHTING

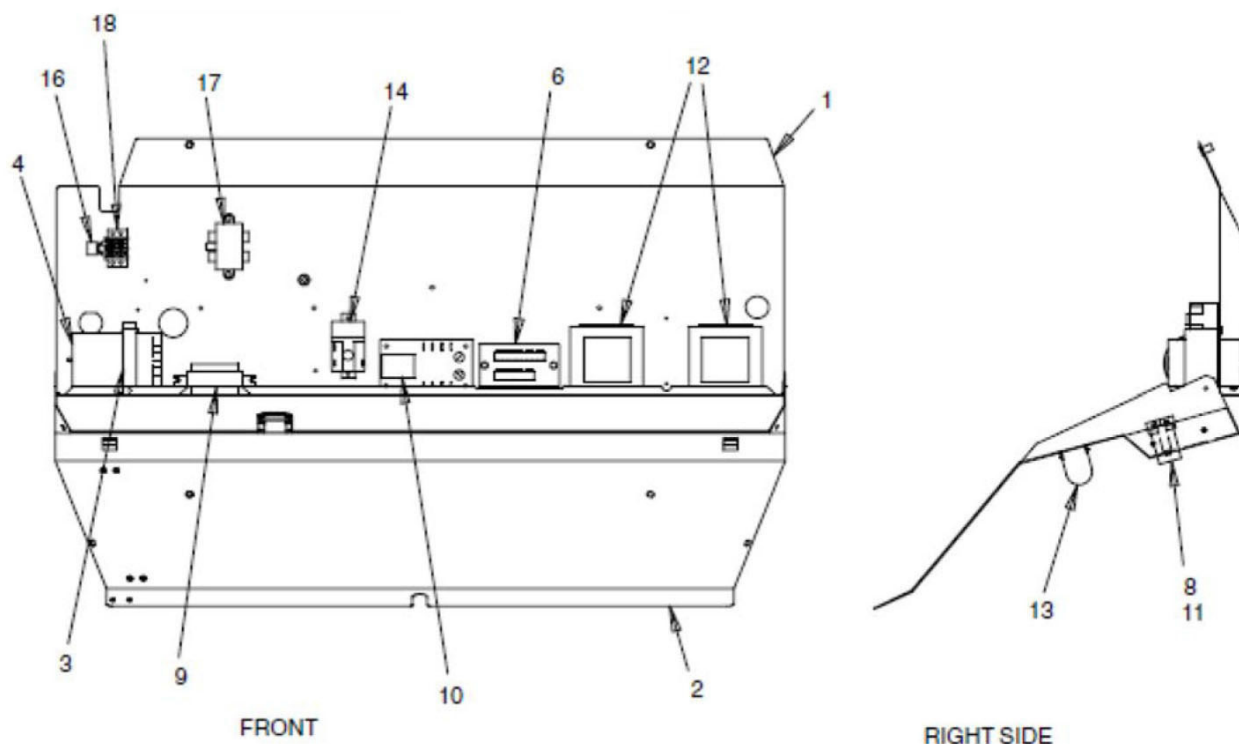


Figure 3

Item No.	Part No.	Description
1	620022001	Electrical Box (ED250)
	620020902	Electrical Box (ED200)
2	620022101	Reflector Panel (ED250)
	620020901	Reflector Panel (ED200)
3	620021101	Clamp, Capacitor, 220-240V
4	33160R	Capacitor, Agitator Motor, 220-240V
5	30995	Power Cord, 120 Volts
	620302901	Power Cord, 220-240 Volts
6	30960	Terminal Board, 120 Volts?
	31107	Terminal Board, 220-240 Volts
7	Not Used	
8	31620	Starter 110 Volt
	620054076	Starter 240 Volt

Item No.	Part No.	Description
9	31621	Ballast, 120 Volt
	33662	Ballast, 220-240 Volt
10	629087448	Agitation Timer Kit, 120 Volts
	629087451	Agitation Timer Kit, 220-240 Volts
11	620302201	Socket, Starter
12	32682	Transformer, 120 Volts
	32829R	Transformer, 220-240 Volts
13	620302101	Lamp-holder
14	620306601	Relay, Start, 220-240 Volts
15	Not Used	
16	620304601	Varistor, 220-240 Volts
17	620307301	Filter, 220-240 Volts
18	32244	Terminal Strip, 220-240 Volts

ELECTRICAL BOX ASSEMBLY - LED LIGHTING

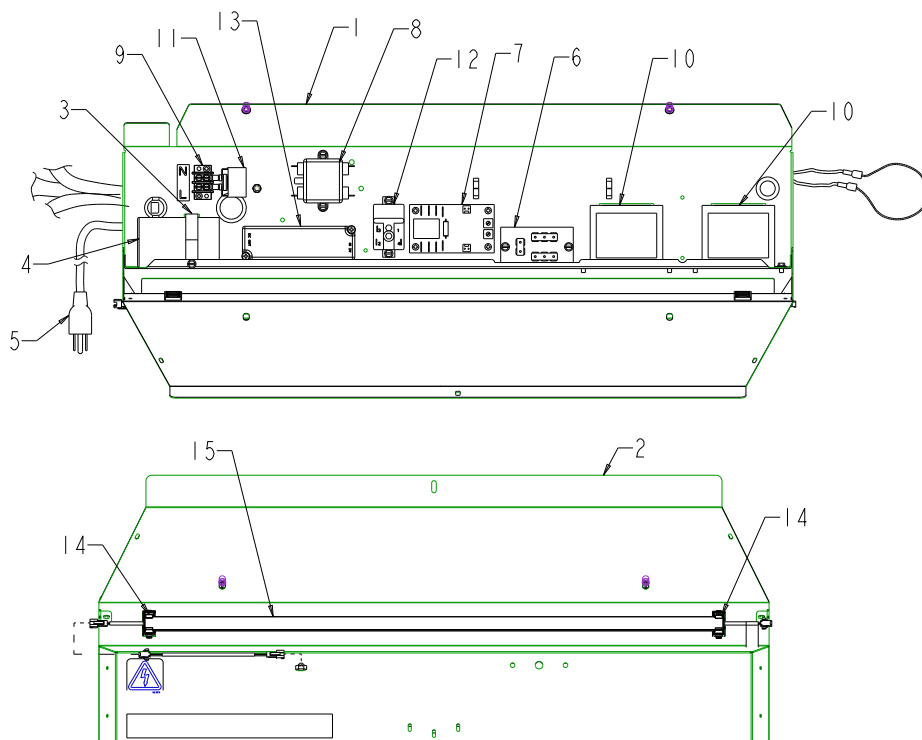


Figure 4

Item No.	Part No.	Description
1	620022001	BOX ELEC ED/DF 250
	620020902	BOX ELEC ED/DF 200
2	620200102	REFLECTOR PANEL ED/DF 200
	620200103	REFLECTOR PANEL ED/DF 250
3	620021101	CLAMP CAPACITOR 220-240 V
4	33160R	CAPACITOR 220 -240 V (AGITATOR MOTOR)
5	30995	POWER CORD, 120V
	620302901	POWER CORD, 220-240 V
6	30960	TERMINAL BLOCK 120V
	31107	TERMINAL BLOCK 220-240V

Item No.	Part No.	Description
7	629087448	AGITATION TIMER KIT, 120V (USE FOR UNITS BUILT AFTER 1/22/02)
	629087444	AGITATION TIMER KIT, 120V (USE FOR UNITS BUILT AFTER 1/23/02)
	629087451	AGITATION TIMER KIT, 220 - 240 V
8	620307301	FILTER, POWER LINE, 220 - 240 V
9	32244	TERMINAL STRIP, 220 -240 V
10	32682	TRANSFORMER, 120 V
	32829R	TRANSFORMER, 220 - 240 V
11	620304601	VARISTOR, 220 - 240 V
12	620306601	RELAY, AGITATOR MOTOR 220-240 V
13	620057649-018	PWR-SUPPLY 24VDC 20W LED ASSY
14	620064161	CLIP RETAINING LED LIGHT BAR
15	620064030-001	LIGHT TUBE 24" 10W 24VDC

SOLENOID ASSEMBLY

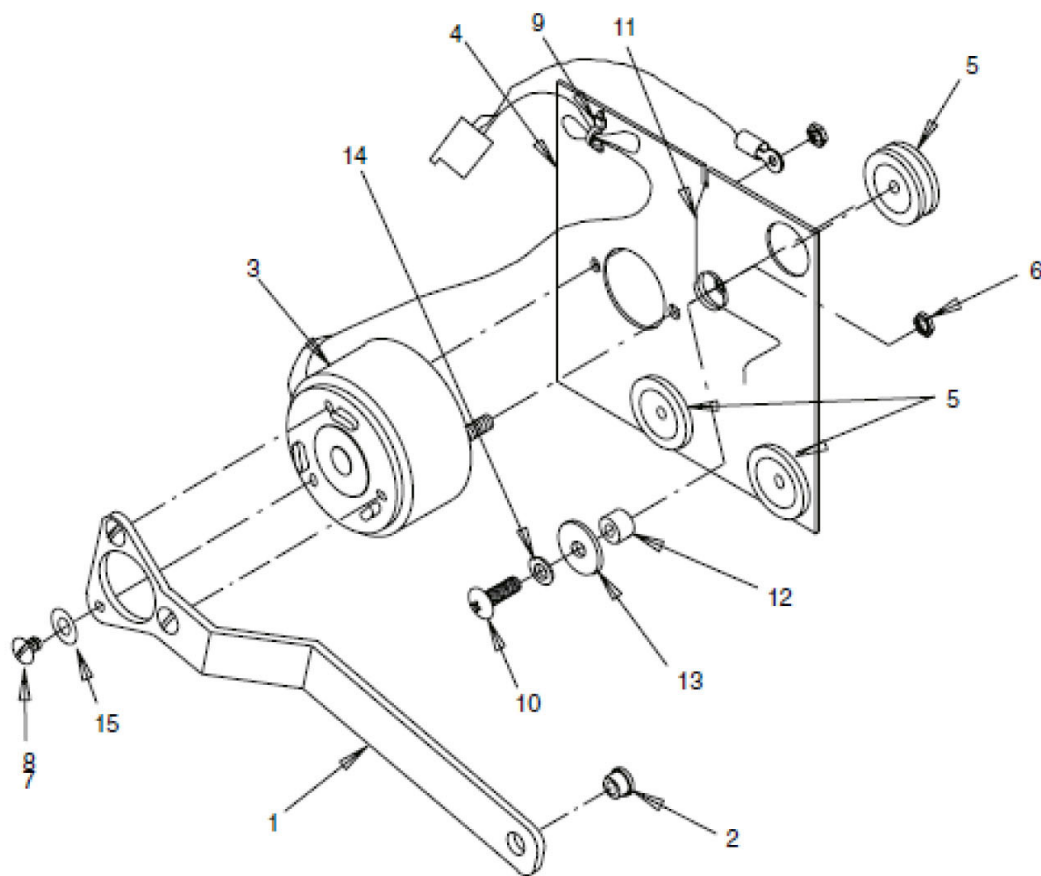


Figure 5

Item No.	Part No.	Description
1	28173	Arm, Gate Lift
2	50754	Bearing, Gate Arm
3	32957	Solenoid, 120 Volts
	33397	Solenoid, 220-240 Volts
4	28172	Plate, Solenoid Mounting
5	50752	Isolator
6	70015	Hex Nut, No. 10-32
7	51689	Locktite
8	70162	Screw, No. 8-32 By 1/4-In. Long

Item No.	Part No.	Description
9	50705	Tie Cable
10	70165	Screw, No. 8-32 By 5/8-In. Long
11	71007	Spring, Solenoid Arm
12	51348	Space
13	70067	Washer, .218 I.D. By .875 O.D.
14	70057	Lockwasher, No. 10
15	70052	Flatwasher, No. 8
*	70485	Gate Slide Spring (Attaches to gate lift arm on Solenoid Assy. Need Qty. 2.)

NOTE: * Not Shown

DRAIN ASSEMBLY

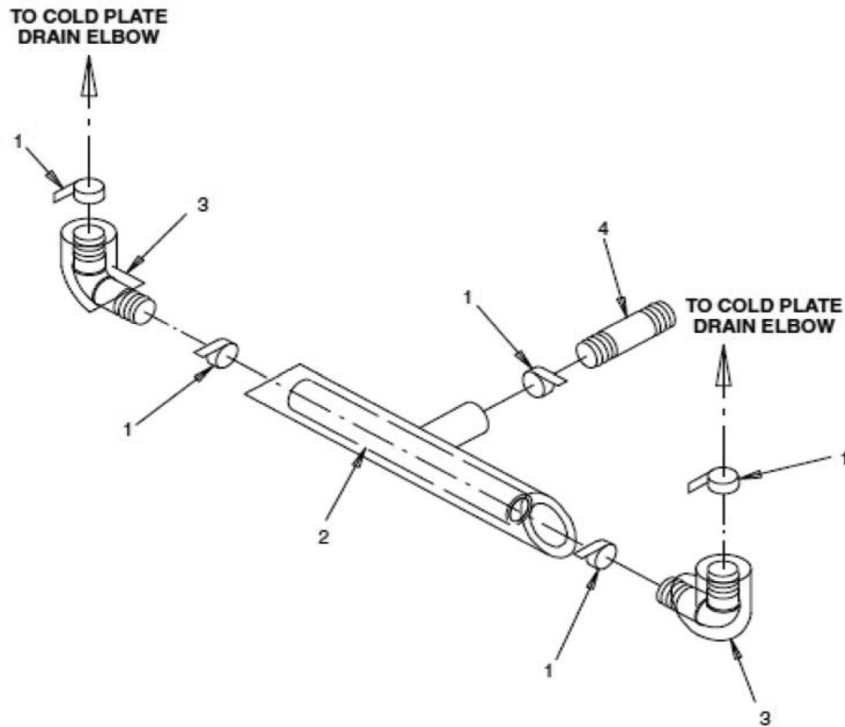


Figure 6

Item No.	Part No.	Description
1	70750	Hose Clamp
2	53169	Drain Tube 1
3	51280	Elbow 2
4	53293	Coupler 1
*	629080104	Kit Sink to Z Style DF200/250 (Z = no drip tray or cup-rest. This kit removes tray and cup rest. Allows unit to sit on counter with built in tray and cup rest.)
*	629080304	Kit Z Style to Sink DF200/250 Gray (Z = no drip tray or cup rest. This kit adds drip try and cup rest to unit.)
*	629080303	Kit Z Style to Sink DF200/250 Black (Z = no drip tray or cup rest. This kit adds drip try and cup rest to unit.)

COMPONENTS FOR FLAVOR UNITS

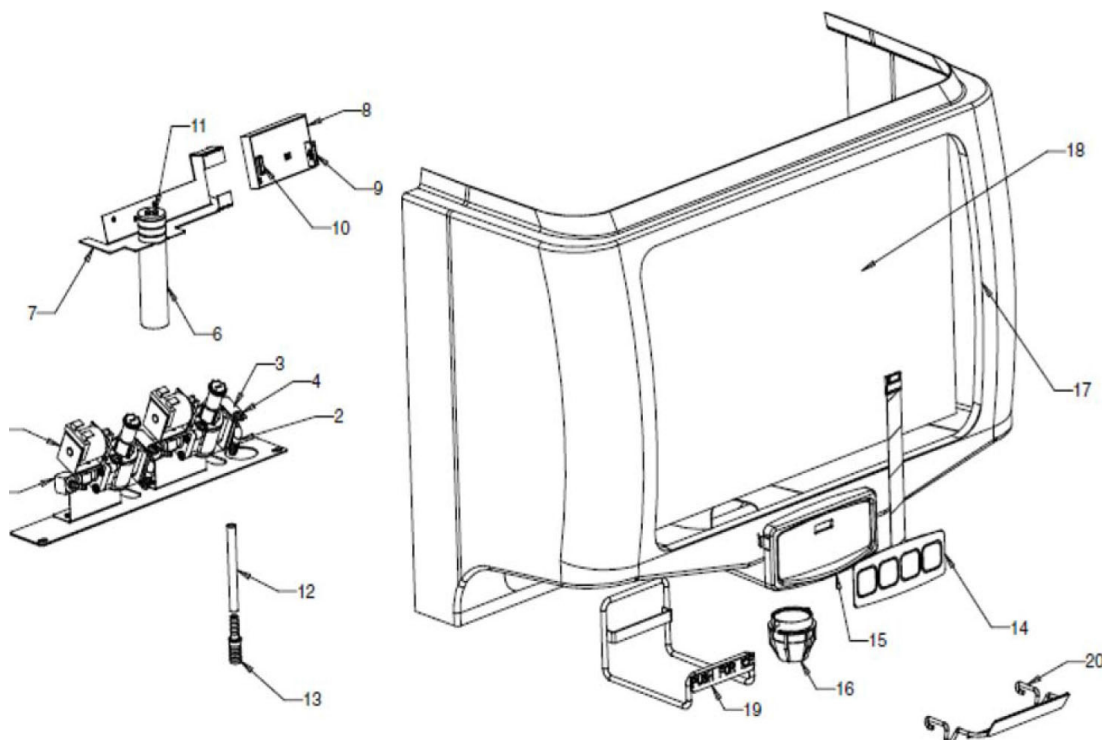


Figure 7

Item No.	Part No.	Description
1	2487	Flow control assembly
2	620709068	Fitting elbow 1/4 barb
3	620046335	Retainer valve
4	319941000	Screw tr 08-32 hxws
5	620718932	Fitting 90 swivel 1/8 barb
6	620715821	Inner nozzle
7	620052042	Nozzle bracket 200/250
8	620314823	PC Board
*9	620313657	Jumper PCB to keypad 4
	620313658	Jumper PCB to keypad 2 fl
*10	620316443	Harness solenoid 4
	620316442	Harness solenoid 2
*11	770000119	Tubing syrup 1/8 id

Item No.	Part No.	Description
12	50299	Tubing bev 265 id x 465 od
13	77040700	Fitg splicer 1/4 x 3/8
14	620313239	Membrane switch 4 button
15	620516527	Housing – keypad/nozzle
16	1945	Outer nozzle
17	620519217	Merch FlavorBlast, ED200 blk
	620519213	Merch FlavorBlast, ED250 blk
	620519214	Merch FlavorBlast, ED250 gry
	620519212	Merch FlavorBlast, ED200 gry
*18	620920066	Graphic FlavorBlast, ED200
	620920067	Graphic FlavorBlast, ED200
19	620709313	Lever Ice Push Bar – FlavorBlast
20	620516221	Splashshield FlavorBlast

NOTE: * Not Shown

WATER MANIFOLD ASSEMBLY

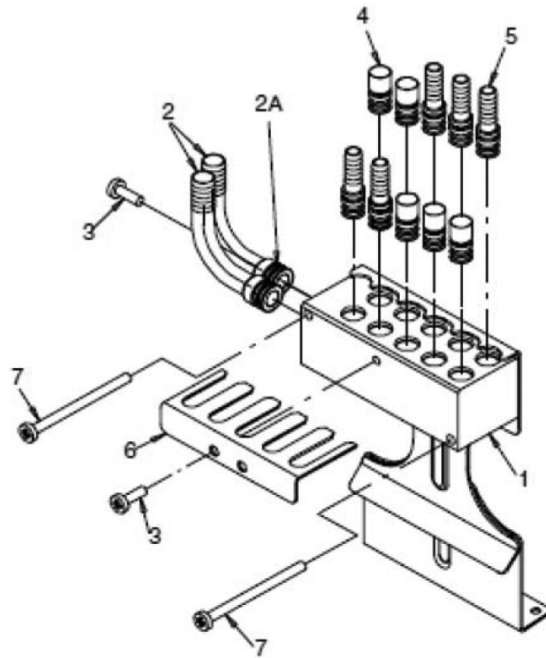
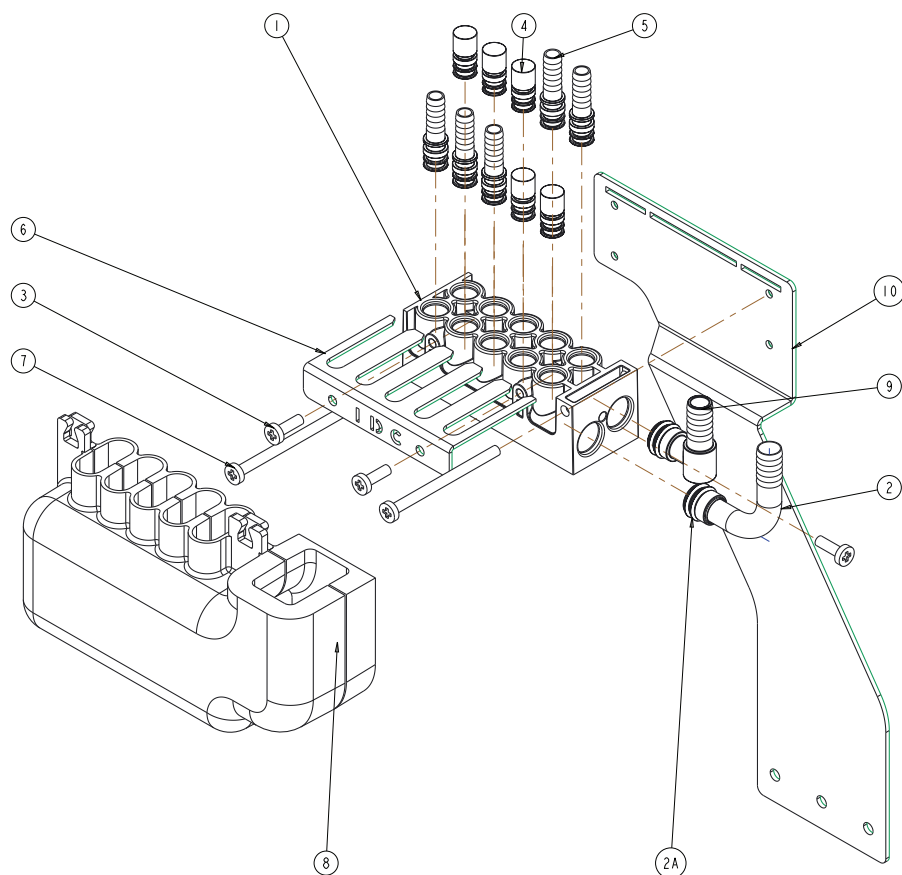


Figure 8

Item No.	Part No.	Description
1	620407726	Manifold Flex
2	620709065	Fitg Elbow 1/2 X 3/8 Brb
2A	100057	O-ring
3	70204	Screw Sm #8 X 1/2
4	620519005	Plug 3/8 w/O-ring
5	620709066	Fitg Straight 3/8 X 1/4 Brb
6	620046316	Retainer Clip
7	620706632	Screw TRPH #8-18 X 2 Waxed
*	620711913	Insulation Block, RH
*	620711914	Insulation Block, LH
*	620715408	Hook and Loop Fastener

NOTE: * Not Shown

WATER MANIFOLD ASSEMBLY (SKU P/N 0511812Q1544)



Item No.	Part No.	Description
1	620407726	Manifold Flex
2	620709065	Fitg Elbow 1/2 X 3/8 Brb
2A	100057	O-ring
3	70204	Screw Sm #8 X 1/2
4	620519005	Plug 3/8 w/O-ring
5	620709066	Fitg Straight 3/8 X 1/4 Brb
6	620046316	Retainer Clip

Item No.	Part No.	Description
7	630901579	Screw MA 08-32PAPH 56 SS
8	620711913	Insulation Block, RH
	620711914	Insulation Block, LH
9	770000534	Fitg L-Brb 3/8Brb X 1/2Dole SS
10	620064700	Brkt-RH-Manifold MTG ED Series
	620062667	Brkt-LH-Manifold MTG ED Series
*	620715408	Hook and Loop Fastener

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