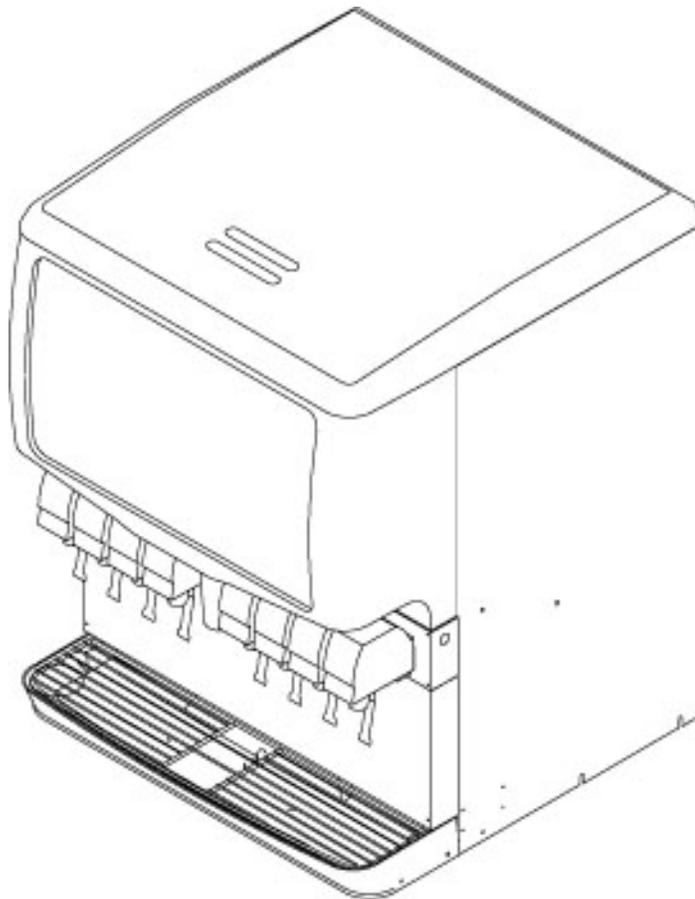


ILLUSTRATED PARTS LIST ENDURO-1XX INTELLICARB



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Revision: F

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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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Item No.	Part No.	Name
1	21491	Gate Slide
3	Not Used	
4	**29303R	Plate, Motor Mounting
5	15346	Agitator Assy
6	29483	Cover, Rear Wrapper (ED 100 & ED 150)
	620021201	Cover, Rear Wrapper (ED 175)
7	620050605	Lower Panel (For Drip Tray-150)
	620050606	Lower Panel (For Drip Tray-175)
	620050609	Lower Panel (Z Model-150)
	620050610	Lower Panel (Z Model-175)
8	15199	Extension Assy, Drip Tray
9	Not Used	
10	29313	Wrapper (ED 150)
	620033701	Wrapper (ED 100)
	620035401	Wrapper (ED 175)
11	Not Used	
12	Contact Sales	Panel Cold Plate/Faucet Assy
13	27107	Retainer, Lever, Ice Dispenser
14	10145	Pin, Drip Tray Mounting
15	31007	Boot, Switch
16	Not Used	
17	50767	Snap Bushing
18	Not Used	
19	15087	Retainer, Agitator
20	Not Used	
21	30794	Agitator Motor Heater, 120 Volt
	32826	Agitator Motor Heater, 220-240 Volt
22	30895	Dispense Switch
23	53011	Elbow, Cold Plate, Drain
24	31622	Bulb-Daylight 18"
25	**620307901	Agitator Motor, 120 Volt
	**620307902	Agitator Motor, 220-240 Volt
26	32954	Solenoid Assembly, 120 Volt
	33409	Solenoid Assembly, 220-240 Volt
27	Not Used	
28	Not Used	
29	Not Used	
30	620302001	Electrical Box Ass'y, 120 Volts (ED 150, ED 175 B and BC Models)

	620303301	Electrical Box Ass'y, 120 Volts (ED 150 Ice Only)
	620302301	Electrical Box Ass'y, 220-240 Volts (ED 150, ED 175 B and BC Models)
	620303302	Electrical Box Ass'y, 220-240 Volts (ED 150 Ice Only)
	620310701	Electrical Box Ass'y, 120 Volts (ED 100 B and BC Models)
31	Not Used	
32	620045913	Bracket, Motor Mounting (ED 100 & ED 150)
	620045912	Bracket, Motor Mounting (ED 175)
33	Not Used	
34	71010	Washer, Captivating No. 8
35	Not Used	
36	Not Used	
37	Not Used	
38	Not Used	
39	620019701	Hinge, Gusset
40	Not Used	
41	Not Used	
42	Not Used	
43	Not Used	
44	**620061993	Seal, Agitator Motor Shaft
45	Not Used	
47	**51908	Plug (120 Volt Models Only)
48	**52876	Gasket, Motor Shaft
49	620500901	Ice Chute
50	53168	Cover, Ice Chute
51	620513603	Access Cover
52	53227	Agitator Disk
53	52878	Merchandiser, Black (ED 150)
	15756	Merchandiser, S.S. (ED 150)
	620011513	Merchandiser, S.S. (ED 150 For Lid and Straw Holder)
	620011503	Merchandiser, S.S. (ED 150 For Medallion)
	620011502	Merchandiser, S.S. (ED 150 For Low Ice Light)
	620511802	Merchandiser, Black (ED 100)
	620044201	Merchandiser, Black (ED 175)
54	52877	Panel, Plexiglass, Inner (ED 150 & ED 175)
	620511804	Panel, Plexiglass, Inner (ED 100)



55	53202	Drip Tray, Black (ED 100 & ED 150)
	620502701	Drip Tray, Black (ED 175)
56	52879	Lid, Dispenser, Black (ED 100 & ED 150)
	620513503	Lid, Dispenser, (ED 175)
57	52872	Hopper Assy., Foamed (ED 150)
	620511805	Hopper Assy., Foamed (ED 100)
	620513502	Hopper Assy., Foamed (ED 175)
58	15437	Baffle
59	52967	Plug
60	52972	
61	620513602	Cover (Cold Plate Models Only)
62	70016	Hex Nut, No. 10-32
63	70017	Hex Nut, No. 10-32, Nyloc
64	**70018	Hex Nut, 1/4-20
65	Not Used	
66	**70048	Washer, .255 I.D.
67	70056	Washer, No. 10, .219 I.D.
68	70067	Washer, .218 I.D.
69	70076	Hex Nut, No. 8-32
70	70104	Insert, Threaded, No. 8-32
71	Not Used	
72	70171	Machine Screw, Phil Truss Hd, No. 8-32 By 3/8-In. Long
73	70178	Machine Screw, Phil Truss Hd, No. 8-32 By 1/2-In. Long
74	70204	Sheet Metal Screw, Phil Truss Hd, No. 8 By 1/2-In. Long
75	Not Used	
76	Not Used	
77	15500	Lever, Dispense, Short (Cup Activated)

	15501	Lever, Dispense (Ice Dispense)
78	Not Used	
79	**70260	Machine Screw, Phil Rd Hd, 1/4-20 By 1-In. Long
80	70320	Pop Rivet, 1/8
81	70341	Spring, Motor Heater
82	620701601	Thread Forming Screw, Phil Pan Hd, No. 10-16 By 1/2-In. Long
83	70478R	Clip, Push On
84	70555	Machine Screw, Phil Truss Hd, No. 8-32 By 2 5/8-In. Long
*85	70750	Hose Clamp, Worm
86	71006	Machine Screw, Phil Truss Hd, No. 8-32 By 2 1/8-In. Long
87	53299	Clip, Black
88	70959	Hex Nutsert, No. 8-32
*89	71011	Leg
90	70992	Receptacle, 1/4 Turn
91	**70993	Retainer, 1/4 Turn
92	**70994	Stud Wing Head, 1/4 Turn
93	70847	Spacer, Switch
94	70456	Pop Rivet, 3/16
95	71036	Cup Rest
96	71089	Shoulder Screw, No. 8-32
*97	51288	Adapter, 1" Barb x 3/4 MPT
*98	50952	Adapter, 3/4 Soc x 3/4 FPT
*99	620702201	Cold Plate Cleaning Brush
100	**620061994	Gasket
101	**620062925	Quad-ring

NOTE: * Not Shown****Parts Included in Agitator Motor Kit*******For 220-240V Models, 51908 Plug Replaced By 620303001 Push-Button Switch 620303002 Switch Block**

KIT ICE CHUTE DOUBLE GASKET

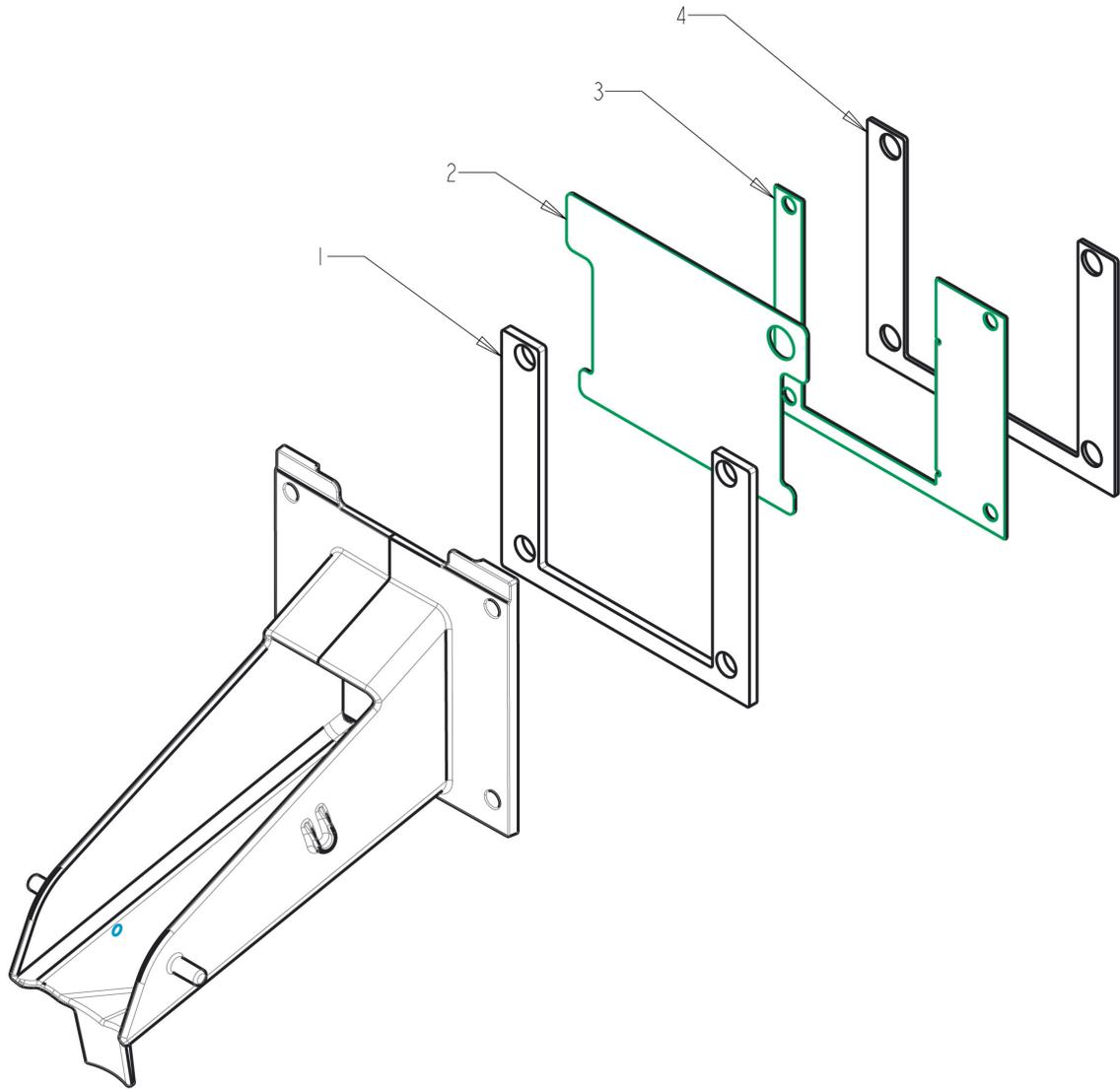


Figure 2. Kit Ice Chute Double Gasket

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 LIGHTNING

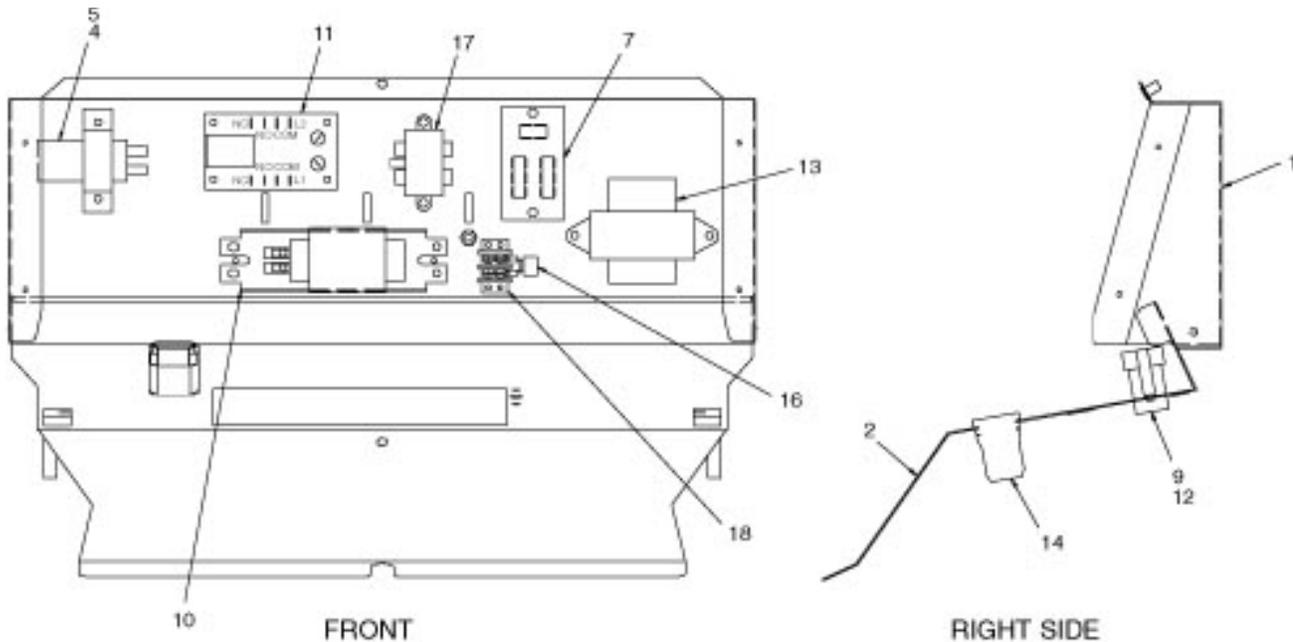


Figure 3. Electrical Box Assembly Exploded View

Item No.	Part No.	Name
1	620019001	Electrical Box (ED 150 & ED 175)
	620033704	Electrical Box (ED 100)
2	620019101	Reflector, Panel (ED 150 & ED 175)
	620033703	Reflector, Panel (ED 100)
3	30514	Clamp, Capacitor, 120 Volts
	620308102	Clamp, Capacitor, 220-240 Volts
4	30774	Capacitor, 120 Volt
	620308101	Capacitor, 220-240 Volt
5	31107	Terminal Board
6	31620	Starter
7	31621	Ballast, 120 Volt
	33662	Ballast, 220-240 Volt
8	620314803	Timer, Repeat Cycle, 120 Volt
	620314802	Timer, Repeat Cycle, 220-240 Volt
9	620302201	Socket, Starter
10	32682	Transformer, 120 Volt
	32829R	Transformer, 220-240 Volt
11	620302101	Lamp-holder
12	620304601	Varistor, 220-240 Volt
13	620307301	Filter, 220-240 Volt
14	32244	Terminal Strip, 220-240 Volt

ELECTRICAL BOX ASSEMBLY - LED LIGHTNING

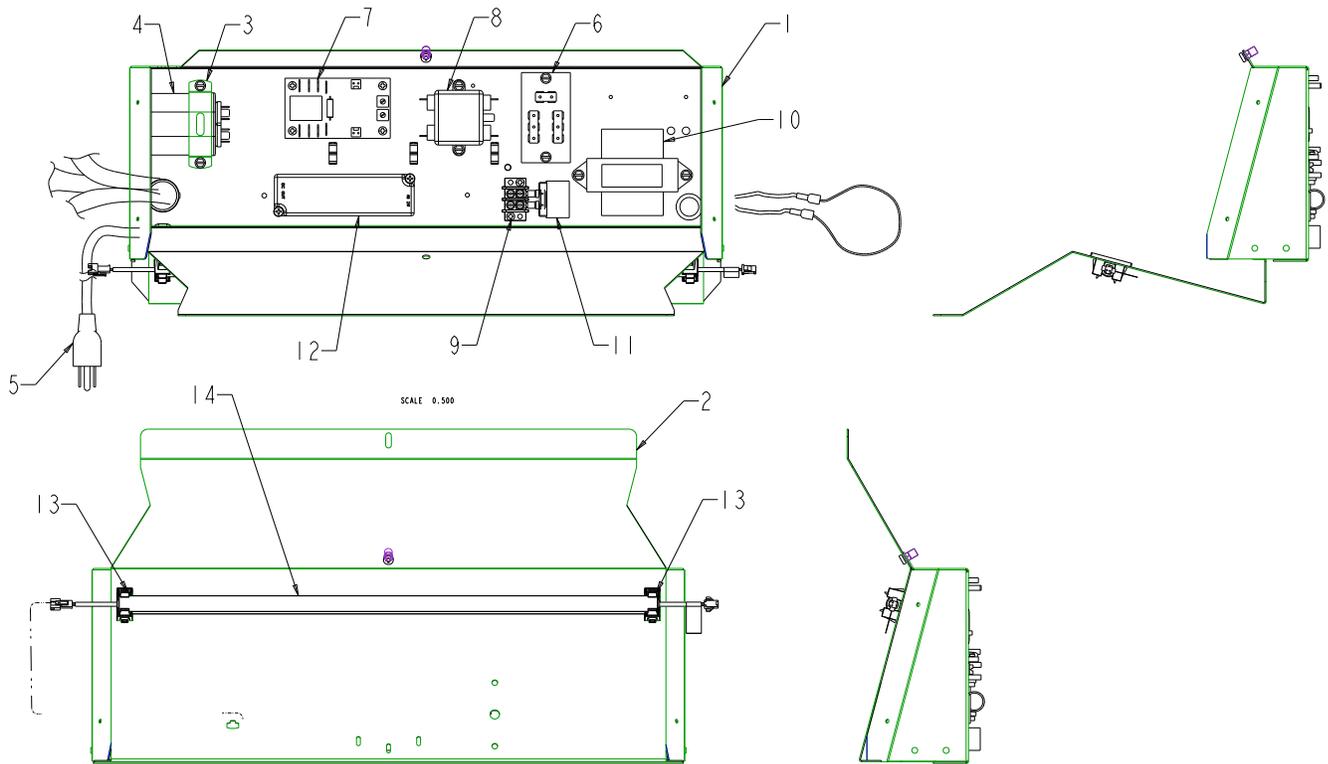


Figure 4. Electrical Box Assembly Exploded View

Item No.	Part No.	Name
1	620019001	Box Elec Ed150
2	620200105	Reflector Panel Ed150
3	30514	Clamp Capacitor 120 V
	620308102	Clamp Capacitor 220-240 V
4	30774	Capacitor 120V (Agitator Motor)
	620308101	Capacitor 220-240 V (Agitator Motor)
5	30995	Power Cord, 120V
	620302901	Power Cord, 220-240 V
6	31107	Terminal Block
7	620314803	Imer, Agitation, 120 V
	620314802	Timer, Agitation, 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	620057649-018	Pwr-supply 24vdc 20W Led Assy
13	620064161	Clip Retaining Led Light Bar
14	620064030-002	Light Tube 18" 8w 24VDC

SOLENOID ASSEMBLY

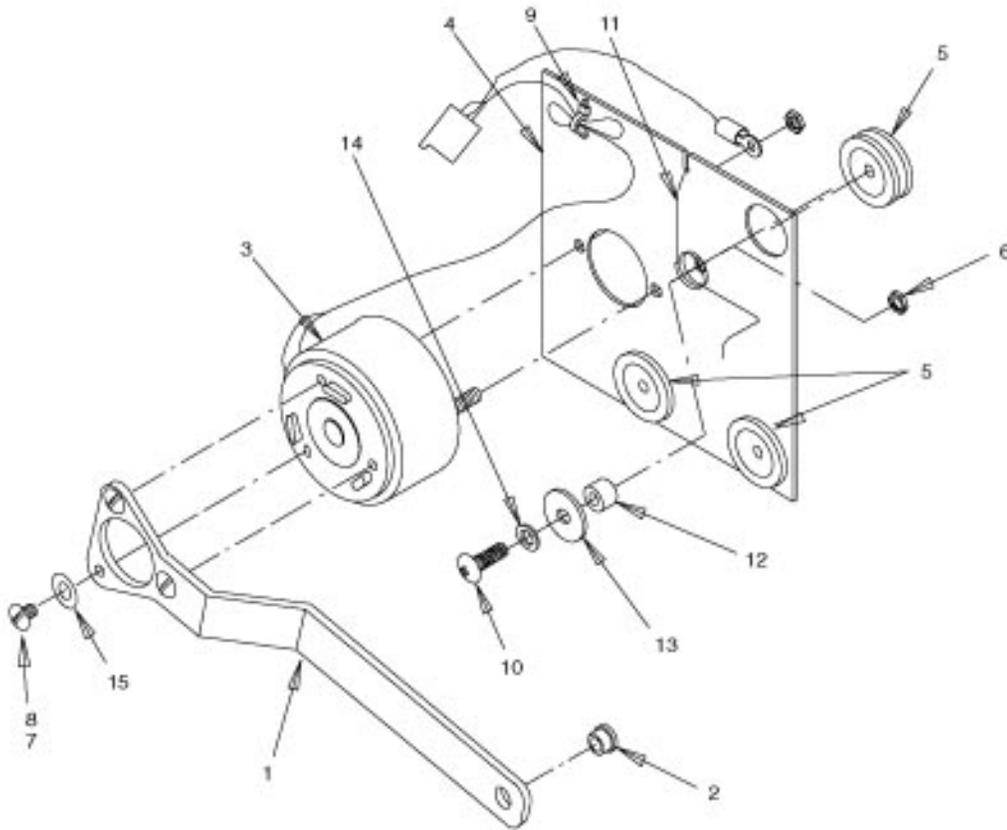


Figure 5. Solenoid Assembly

Item No.	Part No.	Name
1	28173	Arm, Gate Lift
2	50754	Bearing, Gate Arm
3	32957	Solenoid, 120 Volt
	33397	Solenoid, 220-240 Volt
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
9	50705	Tie Cable
10	70165	Screw, No. 8-32 By 5/8-In. Long
11	71007	Spring, Solenoid Arm
12	51348	Spacer
13	70067	Washer, .218 I.D. By .875 O.D.
14	70057	Lock washer, No. 10
15	70052	Flat washer, No. 8

DRAIN

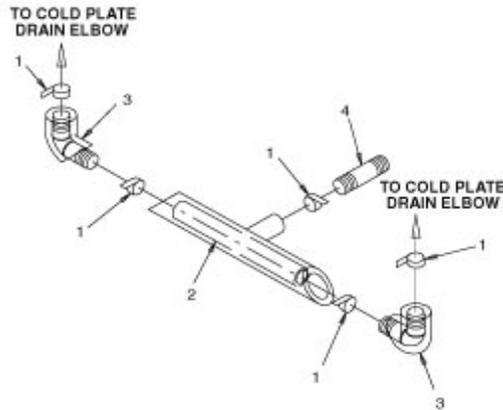


Figure 6. Cold Plate Drain For Z Style Units

Item No.	Part No.	Name
1	70750	Hose Clamp
2	53170	Drain Tube
3	51280	Elbow
4	53293	Coupler

CARBONATOR ASSEMBLY

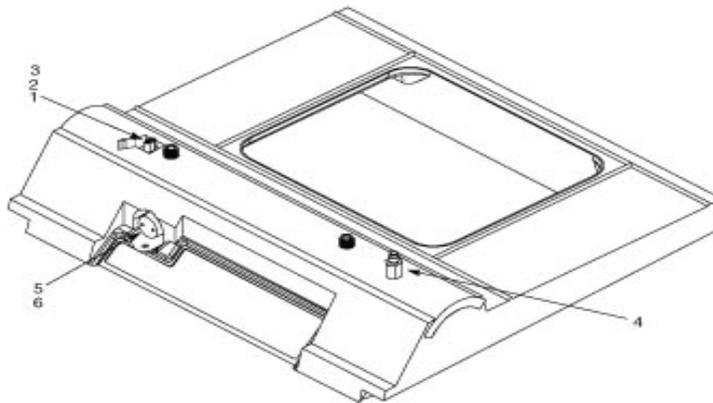


Figure 7. Carbonator Assembly

Item No.	Part No.	Name
1	560004687	Probe
2	560005109	Wire Harness (Not Shown)
3	31525007	O-Ring
4	65259001	Single Check Valve Ass'y
5	312947000	Stem Ass'y
6	317974000	Deflector

PUMP AND MOTOR ASSEMBLY

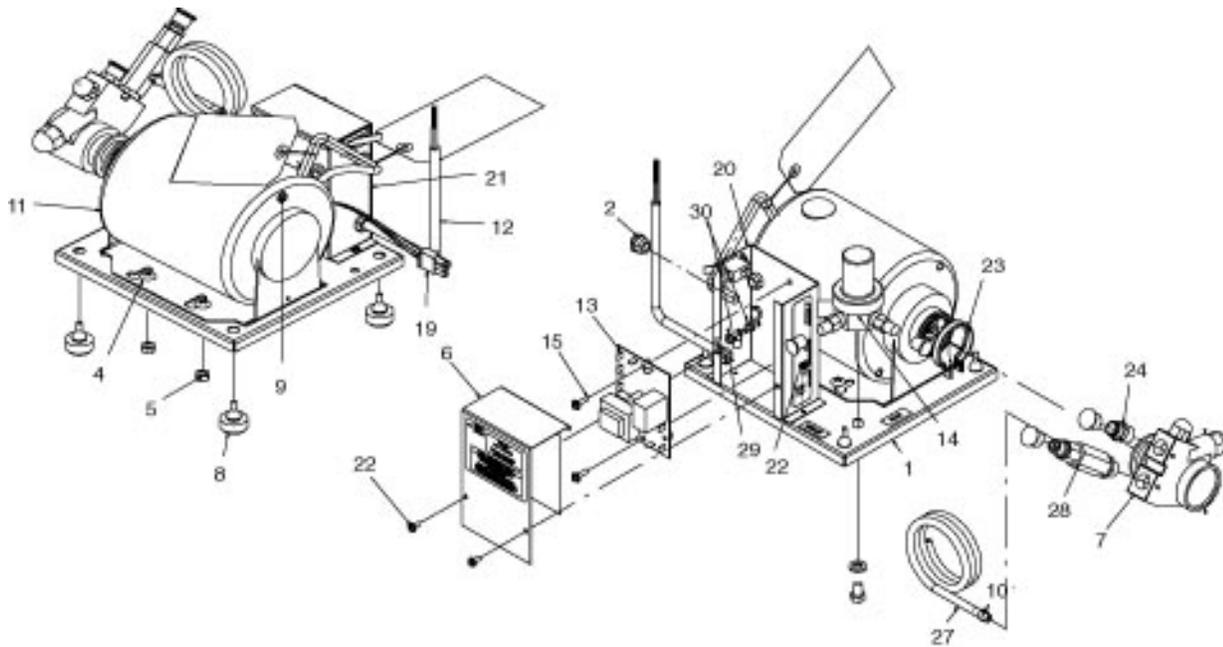


Figure 8. Pump And Motor Assembly

Item No.	Part No.	Name
1	620045738	Base, Pump and Motor
2	395098000	Strain Relief
4	60009002	Machine Screw, Phil Truss Hd, 1/4-20 By 1/2-In. Long
5	189429000	Hex Nut, 1/4-20
6	560004888	Cover, Level Control
7	60170	Pump, 125 GPH
8	396115010	Foot
9	319941000	Thread Rolling Screw, Hex Washer Hd, No. 8-32 By 3/8-In. Long
10	311527000	Clamp, Check Valve to Tube
11	60030058	Motor, 1/3 H.P. 120V 60HZ
12	560004737	Service Cord
13	314015000	Liquid Level Control

14	620709802	Regulator, Secondary
15	0702605	Machine Screw, Phil Rd Hd, No. 8-32 By 1/4-In. Long
19	560005110	Wire Harness
20	560004734	Control Box
21	84702060	Cord Ass'y
22	60068048	Thread Cutting Screw, Sl Hex Hd, No. 8-32 By 3/8-In. Long
23	187483000	Clamp, Pump to Motor
24	21247013	Fitting, Straight, 3/8-MPT By 3/8-Flare
27	174004000	Tube, .156 I.D. By 20-In. Long
28	0881	Check Valve Ass'y, Vented, 3/8-MPT By 5/8-18
29	319453000	Strain Relief
30	200498003	Hex Nut, No. 8-32

WATER MANIFOLD ASSEMBLY

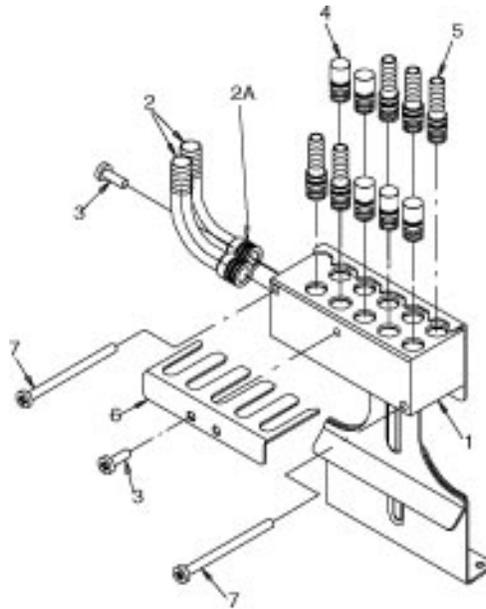


Figure 9. Water Manifold Assembly

Item No.	Part No.	Name
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

* Not Shown



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