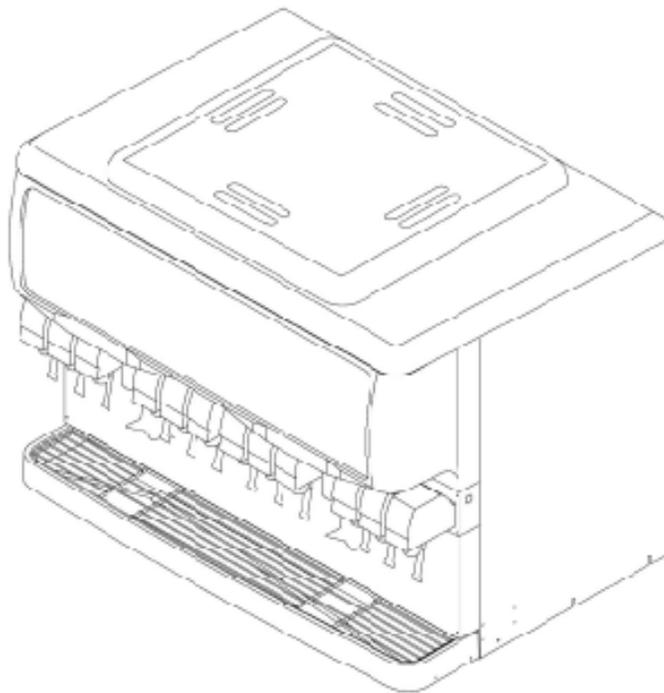




## ILLUSTRATED PART LIST

Model: Enduro-300 IntelliCarb



Release Date: December 11, 2001

Publication Number: 620919505IPL

Revision Date: September 20, 2016

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.

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:**

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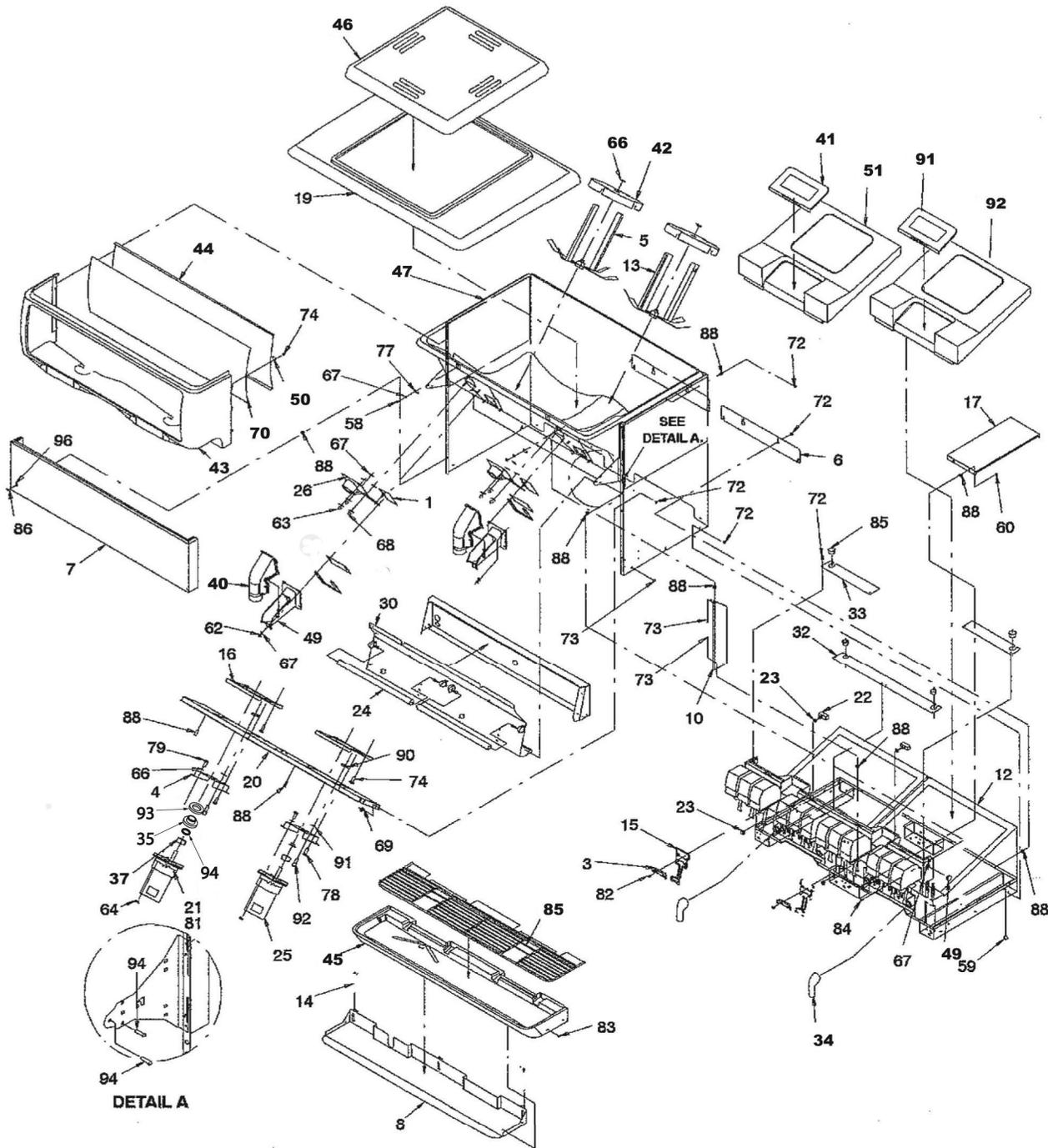


Figure 1. Cabinet Section Exploded View



Item No	Part No.	Name
1	21491	Slide, Gate
2	Not used	
3	27107	Retainer, Lever, Ice Dispense
4	**29303R	Plate, Motor Mount
5	15213	Agitator Assy, Lef
	620042735	Agitator Assy, Left - For Soft Ice
6	29483	Cover, Rear
7	620050608	Panel Ass'y, Lower (For Drip Tray)
	620050612	Panel Ass'y, Lower (For Z Model)
8	15196	Extension, Drip Tray
9		Not Used
10	29507	Bracket, Motor Support
11		Not Used
12	Contact Sales	Panel Cold Plate/Faucet Ass'y
13	15214	Agitator, Righ
	620042734	Agitator Assy, Right - For Soft Ice
14	10145	Pin, Mounting Drip Tray
15	15500	Dispense Lever, Short (Cup Activated)
	15501	Push Lever, Ice Dispense
16	15218	Plate, Motor Mounting
17	29667	Support, Product Lines
18		Not Used
19	53136	Lid, Lower
20	620045915	Bracket, Motor Mounting
21	30794	Agitator Motor Heater, 120V
	32826	Agitator Motor Heater, 220-240V
22	02070	Dispense Switch Kit (Includes actuator switch, boot, and spacer)
23	31007	Boot, Switch
24	31622	Bulb, Florescent
25	**62030790 1	Agitator Motor, 120V
	**62030790 2	Agitator Motor, 220-240V
26	32954	Solenoid Ass'y, 120V
	33409	Solenoid Ass'y, 220-240V
27		Not Used
28		Not Used
29		Not Used
30	620304201	Electrical Box Ass'y, 120V
	620304001	Electrical Box Ass'y, 220-240V
31		Not Used

Item No.	Part No.	Name
32	15811	Baffle, Center
33	15437	Baffle, Side
		Not Used
34	53011	Elbow, Cold Plate Drain
35	**620061993	Shaft Seal, Agitator Motor
36		Not Used
37	**52876	Gasket, Motor Shaft
38	**51908	Plug, 120 Volts Models Only
39	Not used	
49	620500901	Ice Chute
40	53168	Cover, Ice Chute
41	53241	Access Cover
42	53185	Disk, Agitator
43	52937	Merchandiser, Black
	620011504	Merchandiser, S.S.
	620033201	Merchandiser, S.S. (For Medallion)
44	52943	Lens, Inner
45	53230	Drip Tray, Insulated, Black
46	53135	Lid, Upper Dispenser, Black
47	53339	Hopper Cabinet Ass'y, Insulated (Cold Plate Models)
48	71089	Shoulder Screw, No. 8-32
49	52967	Plug
50	52972	Clip, Flush, Nylon, White
51	53236	Cover, Insulated
52	70016	Hex Nut, No. 10-32, S.S.
53	70017	Hex Nut, No. 10-32, S.S.
54	**70018	Hex Nut, 1/4-20, Keps
55		Not Used
56	**70048	Washer, .255 I.D.
57	70056	Washer, Flat, .219 I.D., No. 10, S.S.
58	70067	Washer, Flat, .218 I.D.

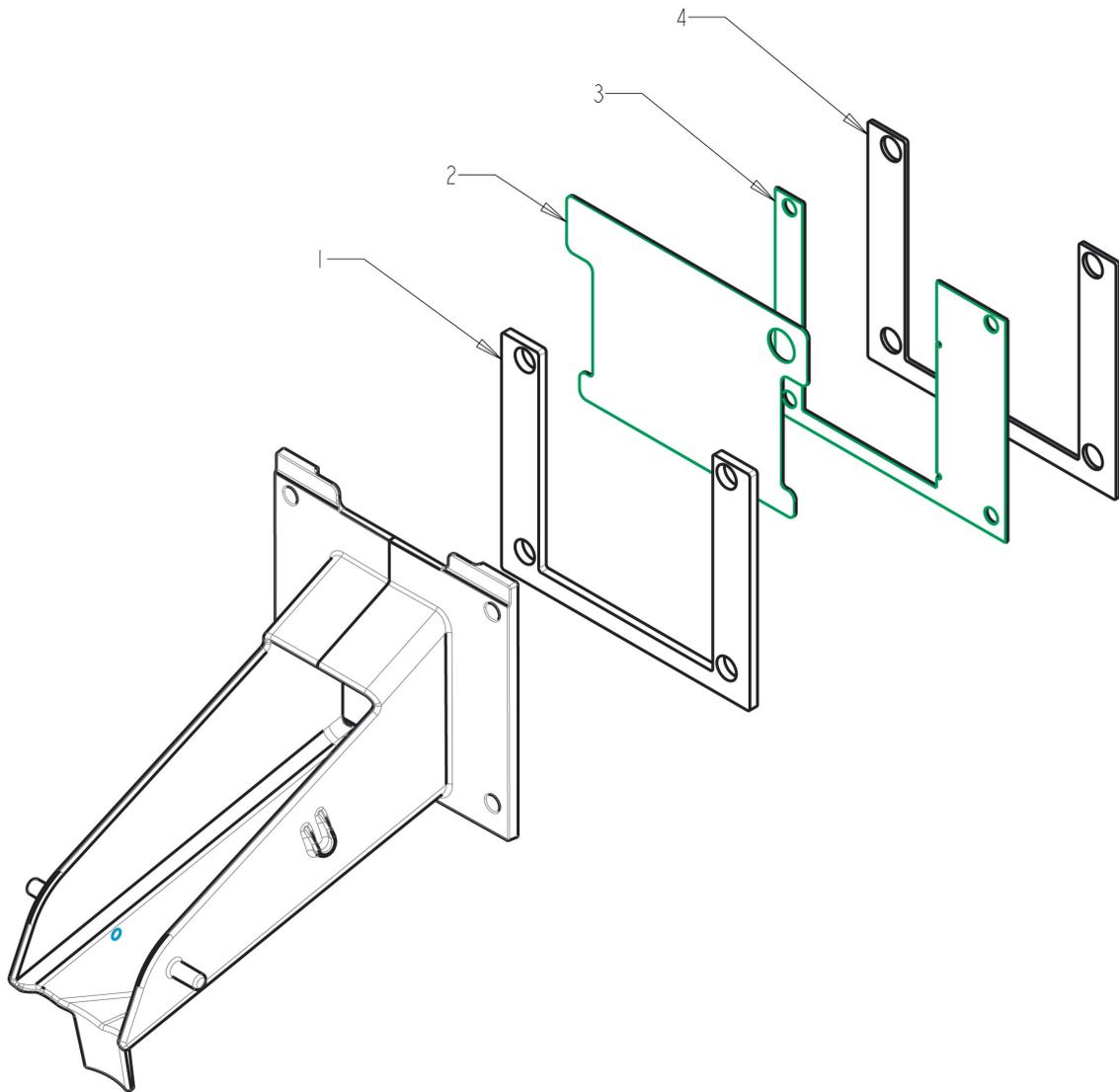


Item No.	Part No.	Name
59	70076	Hex Nut, No. 8-32
60		Not Used
61		Not Used
62	70171	Machine Screw, Phil Truss Hd., No. 8-32 By 3/8-In. Long
63	70178	Machine Screw, Phil Truss Hd., No. 8-32 By 1/2-In. Long
64	70204	Sheet Metal Screw, Phil Truss Hd., No. 8 By 1/2-In. Long
65		Not Used
76	41459	O-Ring
67	53299	Clip, Black
68	70250	Machine Bolt, Phil Truss Hd, 1/4-20 By 1/2-In. Long
69	**70260	Machine Bolt, Phil Rd Hd., 1/4-20 By 1-In. Long
70	92070	Generic Graphics- 11.062 x 38.985 3 Cups Refreshing (All others contact Sales)
71	70341	Spring, (Agitator Motor Heater)
72	620701601	Sheet Metal Screw, No. 10 By 1/2-In. Long
73	70478R	Clip, Push-on
74	70555	Machine Screw, Phil Truss Hd., No. 8-32 By 2 5/8-In. Long
75	70750	Hose Clamp, Screw
76	71006	Machine Screw, Phil Truss Hd., No. 8-32 By 2 1/4-In. Long
77	70847	Spacer, Dispense Switch
78	70959	Nutsert, No. 8-32
79		Not Used
80	70992	Receptacle, 1/4-Turn
81	**70993	Retainer, 1/4-Turn
82	**70994	Stud, Wing Hd, 1/4-Turn
83		Not Used
84	70456	Pop Rivet
85	71038	Cup Rest Flat
	71098	Cup Rest Slanted
86	71010	Washer, No. 8, Captivating

*87	51288	Adapter, 1-In. Barb By 3/4-MPT (For Drip Tray Drain)
*88	50952	Adapter, 3/4-Soc By 3/4-FPT (For Drip Tray Drain)
*89	51774	Tube, Drip Tray Drain, 1-In. I.D.
*90	620702201	Brush, Cold Plate Cleaning
91	620513603	Access Cover
92	620513602	Cover, Insulated Tank
N/A	629084601	Ice Diverter Kits (Use for dispensing Nugget or Chunk let Ice)
N/A	32977	Key lock Switch with Keys
N/A	70739	Key (Key is marked D001)
N/A	70970	4" Black
N/A	08017	ED300 Leg Kit
N/A	08052	Splash guard Kit
N/A	629081101	Drip Tray Cup Rest Kit - Black
N/A	629080402 - use for units up to serial # 62C0223ED 060	Kit Sink to Z Style (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.)
N/A	629088345 - use for units after serial # 62C0223ED 060	
N/A	629080404 - use for units up to serial # 62C0223ED 060	Kit Z Style to Sink - Black (Z = no drip tray or cup rest. This kit adds drip tray and cup-rest to unit.)
N/A	629088349 - use for units after serial # 62C0223ED 060	
93	**620061994	Gasket
94	**620062925	Quad-ring

**NOTE:\*Not Shown**

**\*\*Parts Included In Agitator Motor Kit**  
**\*\*\*For 220-240V Models, 51908 Plug Replaced By 620303001 Push-Button Switch Actuator and 620303002 Switch Block.**



**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.

## ENDURO 300 (ED300) (POST-MIX)

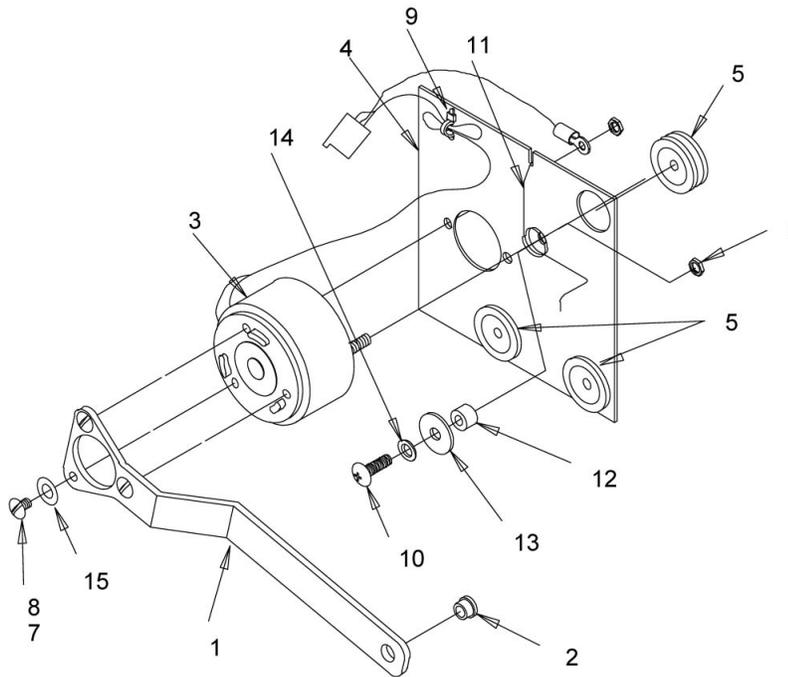


Figure 3. Gate Solenoid Assembly

Item No.	Part No.	Name
1	28173	Arm, Gate Lift
2	50754	Bearing, Gate Arm
3	32957 33397	Solenoid, 120V Solenoid, 220-240V
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	Lockwasher, No. 10
14	70057	Lockwasher, No. 10
15	70052	Flatwasher, No. 8
N/A	70485	Gate Slide Spring (Attaches to gate lift arm on Solenoid Assy-need 2)

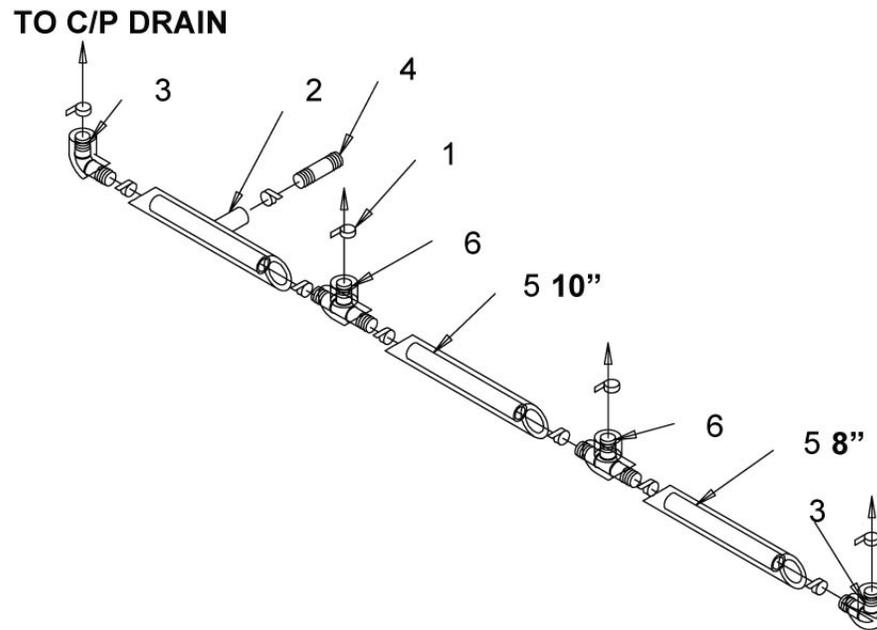


Figure 4. Z-Style Cold Plate Drain

Item No.	Part No.	Name
1	70750	House Clamp
2	53170	Drain Tube
3	51280	Elbow
4	53293	Coupler
5	50278	Drain Tube
6	51295	Tee

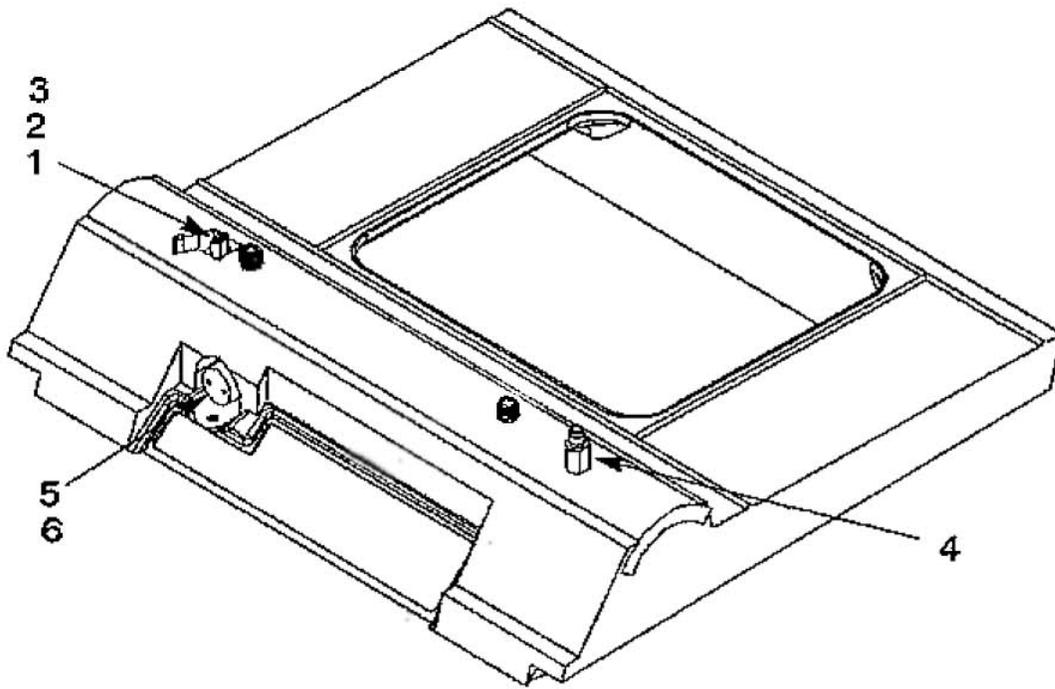
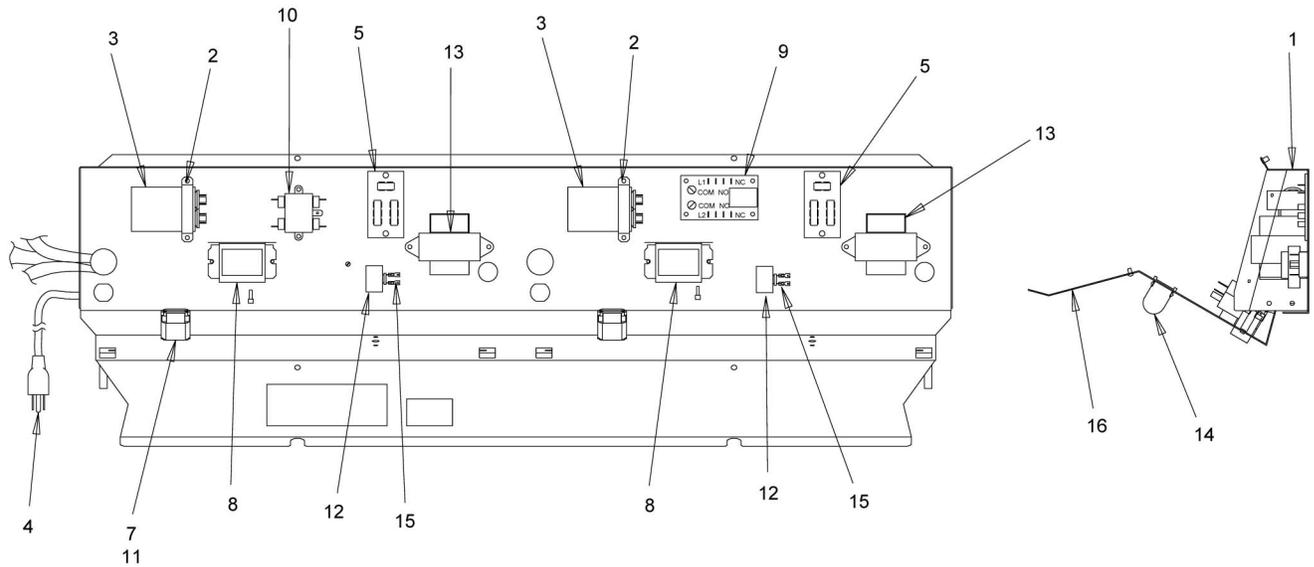


Figure 5. Carbonator Ass'y

Item No.	Part No.	Name
1	560004687	Probe
2	560005106	Wire Harness (Not Shown)
3	31525007	O-Ring
4	65259	Single Check Valve Kit
5	312947000	Stem Ass'y
6	317974000	Deflector


**Figure 6. Electrical Box Assembly - Fluorescent Lightning**

Item No.	Part No.	Name
1	620023001	Box, Electrical
2	30514	Clamp, Capacitor, 120V
	620308102	Clamp, Capacitor, 220–240V
3	30774	Capacitor, 120V (Agitator Motor)
	620308101	Capacitor, 220–240V (Agitator Motor)
4	30995	Power Cord, 120V
	620302901	Power Cord, 220–240V
5	31107	Terminal Block
6		Not Used
7	31620	Starter

Item No.	Part No.	Name
8	31621	Ballast, 120V
	33662	Ballast, 220–240V
9	629087448	Agitation Timer Kit 120V
	629087451	Agitation Timer Kit 220–240V
10	620307301	Filter, Power Line, 220–240
11	620302201	Socket, Starter
12	32244	Terminal Strip, 220–240V
13	32682	Transformer, 120V
14	32829R	Transformer, 220–240V
15	620302101	Holder, Lamp
16	620304601	Varistor, 220–240V
17	620023101	Panel, Reflector

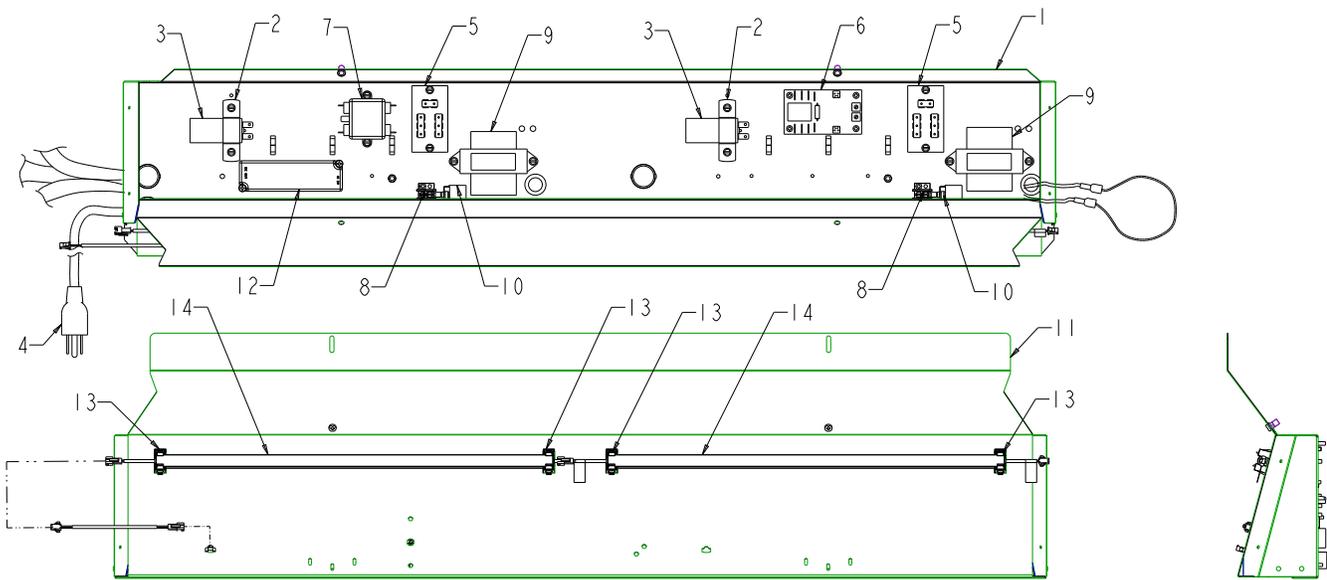


Figure 7. Electrical Box Assembly - LED Lightning

Item No.	Part No.	Name
1	620023001	BOX ELEC ED300
2	30514	CLAMP CAPACITOR 120 V
	620308102	CLAMP CAPACITOR 220-240 V
3	30774	CAPACITOR 120V (AGITATOR MOTOR)
	620308101	CAPACITOR 220-240 V (AGITATOR MOTOR)
4	30995	POWER CORD, 120V
	620302901	POWER CORD, 220-240 V
5	31107	TERMINAL BLOCK
6	620314803	TIMER, AGITATION, 120 V
	620314802	TIMER, AGITATION, 220 - 240 V

Item No.	Part No.	Name
7	620307301	FILTER, POWER LINE, 220 - 240V
8	32244	TERMINAL STRIP, 220 -240 V
9	32682	TRANSFORMER, 120 V
	32829R	TRANSFORMER, 220 - 240 V
10	620304601	VARISTOR, 220 - 240 V
11	620200104	PANEL REFLECTOR ED300
12	620057649-018	PWR-SUPPLY 24VDC 20W LED ASSY
13	620064161	CLIP RETAINING LED LIGHT BAR
14	620064030-002	LIGHT TUBE 18" 8W 24VDC

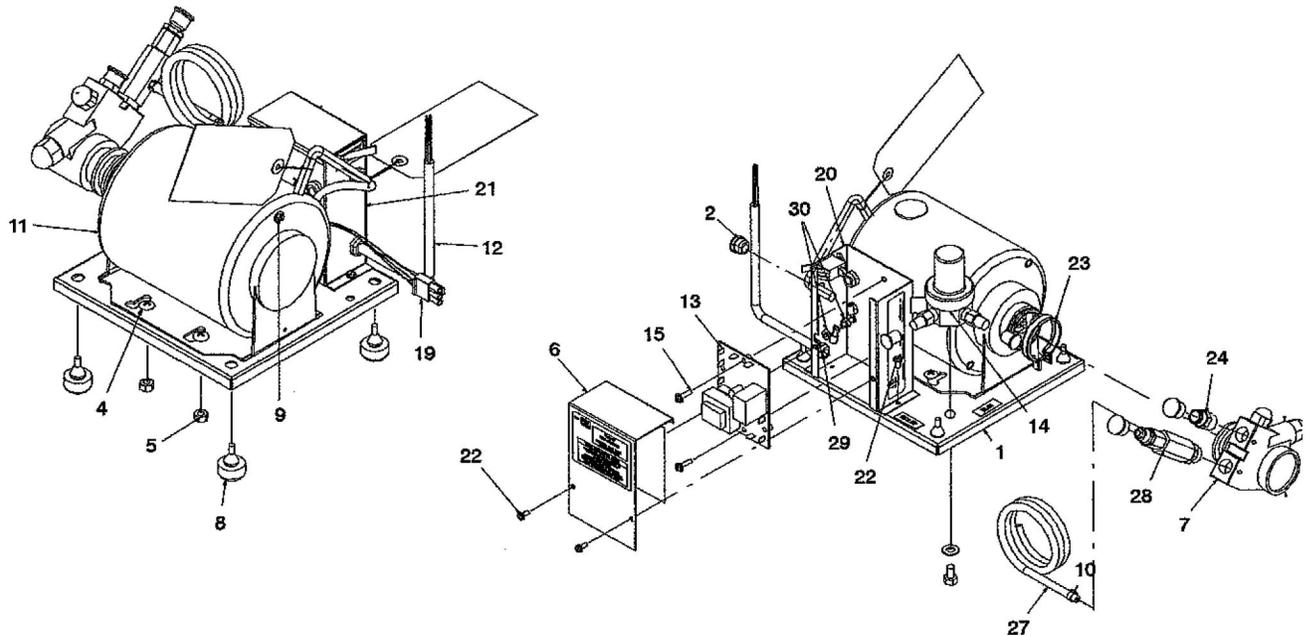


Figure 8. Pump and Motor Assembly

Item No.	Part No.	Name
N/A	629087457	Pump and Motor Assy
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	620314404	Liquid level Control
14	620709802	Regulator, Secondary

Item No.	Part No.	Name
15	072605	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, SI 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	Strainer Relief
30	200498003	Hex Nut, No.8-32

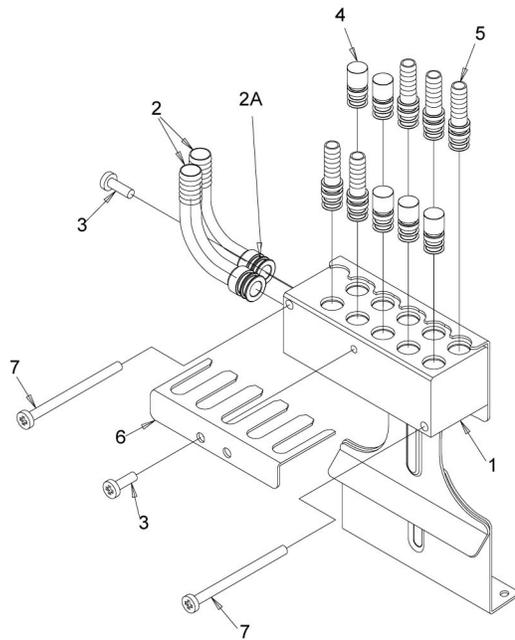


Figure 9. Water Manifold Assembly

Item No.	Part No.	Name
1	620407728	Mainfold Flex
2	620709065	Fitg Elbow 1/2 X 3/8 Brb
2A	10057	O-ring
3	70204	Screw Sm # 8X 1/2
4	620519005	Plug 3/8 w/O-ring

Item No.	Part No.	Name
5	62070906 6	Fitg Straight 3/8 X 1/4 Brb
6	62004631 6	Retainer Clip
7	62070663 2	Screw TRPH # 8-18 X 2 Waxed
*	62071191 3	Insulation Block, RH
*	62071191 4	Insulation Block, LH

NOTE:\*Not Shown



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