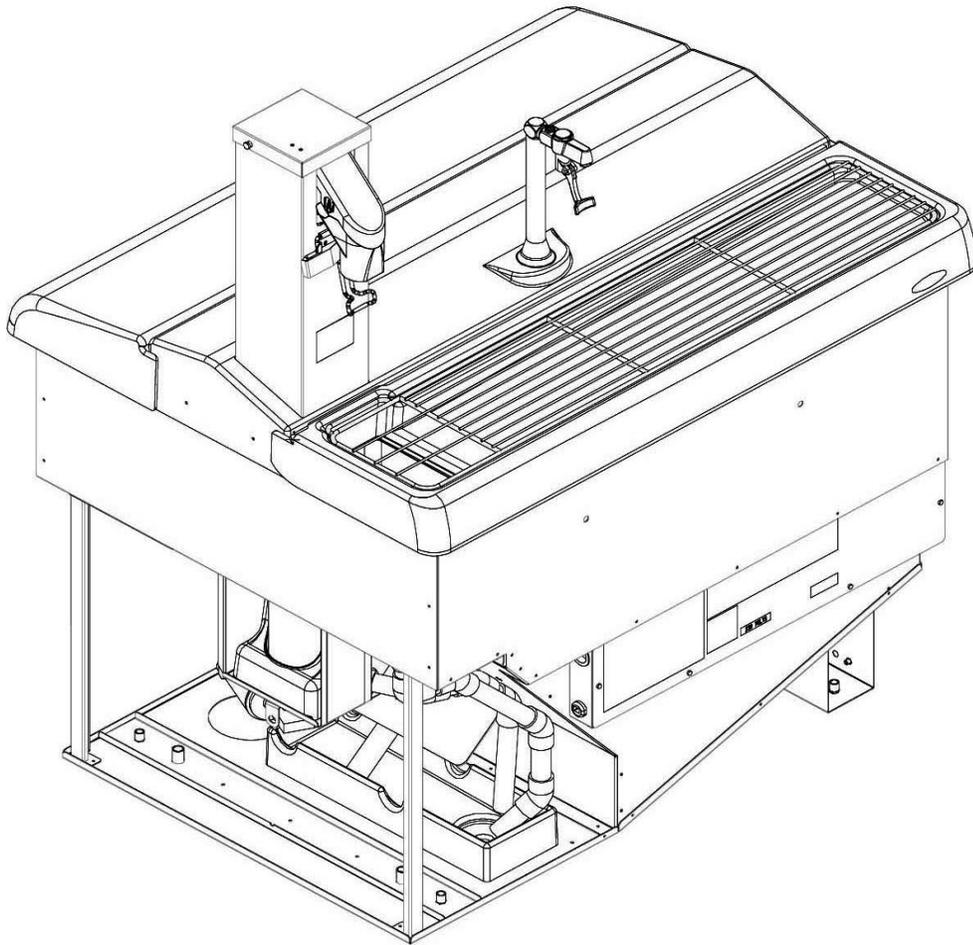


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**INTRAFLEX ICE DISPENSER**  
**IU 300 Ice Only**  
**Operator's / Installation Manual**



**Release Date: June 01, 2001**

**Publication Number: 620919535**

**Revision Date: April 24, 2014**

**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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# SAFETY INSTRUCTIONS

## READ AND FOLLOW ALL SAFETY INSTRUCTIONS

### Safety Overview

- Read and follow **ALL SAFETY INSTRUCTIONS** in this manual and any warning/caution labels on the unit (decals, labels or laminated cards).
- Read and understand **ALL** applicable OSHA (Occupational Safety and Health Administration) safety regulations before operating this unit.

### Recognition

#### *Recognize Safety Alerts*



*This is the safety alert symbol. When you see it in this manual or on the unit, be alert to the potential of personal injury or damage to the unit.*

## DIFFERENT TYPES OF ALERTS

### **DANGER:**

Indicates an immediate hazardous situation which if not avoided **WILL** result in serious injury, death or equipment damage.

### **WARNING:**

Indicates a potentially hazardous situation which, if not avoided, **COULD** result in serious injury, death, or equipment damage.

### **CAUTION:**

Indicates a potentially hazardous situation which, if not avoided, **MAY** result in minor or moderate injury or equipment damage.

## SAFETY TIPS

- Carefully read and follow all safety messages in this manual and safety signs on the unit.
- Keep safety signs in good condition and replace missing or damaged items.
- Learn how to operate the unit and how to use the controls properly.
- **Do not** let anyone operate the unit without proper training. This appliance is **not** intended for use by very young children or infirm persons without supervision. Young children should be supervised to ensure that they do not play with the appliance.
- Keep your unit in proper working condition and do not allow unauthorized modifications to the unit.

## QUALIFIED SERVICE PERSONNEL

### **WARNING:**

Only trained and certified electrical, plumbing and refrigeration technicians should service this unit. **ALL WIRING AND PLUMBING MUST CONFORM TO NATIONAL AND LOCAL CODES. FAILURE TO COMPLY COULD RESULT IN SERIOUS INJURY, DEATH OR EQUIPMENT DAMAGE.**

## SAFETY PRECAUTIONS

This unit has been specifically designed to provide protection against personal injury. To ensure continued protection observe the following:

### **WARNING:**

Disconnect power to the unit before servicing following all lock out/tag out procedures established by the user. Verify all of the power is off to the unit before any work is performed.

Failure to disconnect the power could result in serious injury, death or equipment damage.

### **CAUTION:**

Always be sure to keep area around the unit clean and free of clutter. Failure to keep this area clean may result in injury or equipment damage.

## SHIPPING AND STORAGE

### **CAUTION:**

Before shipping, storing, or relocating the unit, the unit must be sanitized and all sanitizing solution must be drained from the system. A freezing ambient environment will cause residual sanitizing solution or water remaining inside the unit to freeze resulting in damage to internal components.

## MOUNTING IN OR ON A COUNTER

### **WARNING:**

When installing the unit in or on a counter top, the counter must be able to support a weight in excess of 735 lbs. to insure adequate support for the unit. **FAILURE TO COMPLY COULD RESULT IN SERIOUS INJURY, DEATH OR EQUIPMENT DAMAGE.**

**NOTE: Many units incorporate the use of additional equipment such as icemakers. When any additional equipment is used you must check with the equipment manufacturer to determine the additional weight the counter will need to support to ensure a safe installation.**



## DESCRIPTION

The Intraflex ice dispenser solves your ice service needs in a sanitary, space saving, economical way.

Designed to be manually or automatically filled with ice, this dispenser will dispense ice cubes (up to 1-1/4 inches in size), cubelets, and hard chipped or cracked ice.

## SPECIFICATIONS

<b>Model</b>	<b>IU300 Ice Dispenser</b>
Dimensions	41 inches wide X 32 inches Deep X 21-1/4 inches High with 29 inches Depth Below Countertop
Electrical	230 VAC/1 Phase/60 Hz/1.2 Amps Total Current Draw, 115 VAC/60 Hz/2.4 Amps Total Current Draw
Clearance Required	54" above counter, front access
Drain	Base Unit is plumbed for PVC or flex plastic tubing installed to local code.
Ice Requirements	Ice bin capacity is 250 pounds of ice.
Full Weight	735 lbs.

# INSTALLATION INSTRUCTIONS

COUNTER HEIGHT (INCHES)	DISPENSER DEPTH (INCHES)	AVAILABLE SPACE BELOW DISPENSER (INCHES)	PART No.	Description (example -503 = part number 620517503's description)
30	29	1	Consult Factory	
31	29	2	Consult Factory	
32	29	3	629087406 and 620517503	-503- 1 1/4 counter filler
33	29	4	629087406	-406- 4" left set
34	29	5	629087406	
34 1/4 to 35	29	5 1/4 to 6	629087412 and 620517503	-412- 6" leg set
35	29	6	629087412	
36	29	7	629087412	

## COUNTERTOP INSTALLATION

### WARNING:

It is the responsibility of the installer to ensure that the water supply to the dispensing equipment is provided with protection against backflow by an air gap as defined in ANSI/ASME A112. 1.2-1979; or an approved vacuum breaker or other such method as proved effective by test and must comply with all federal, state and local codes.

**Failure to comply could result in serious injury, death or damage to the equipment.**

Water pipe connection and fixtures directly connected to a portable water supply shall be sized, installed, and maintained according to federal, state and local laws.

1. Locate the dispenser indoors on a level countertop.

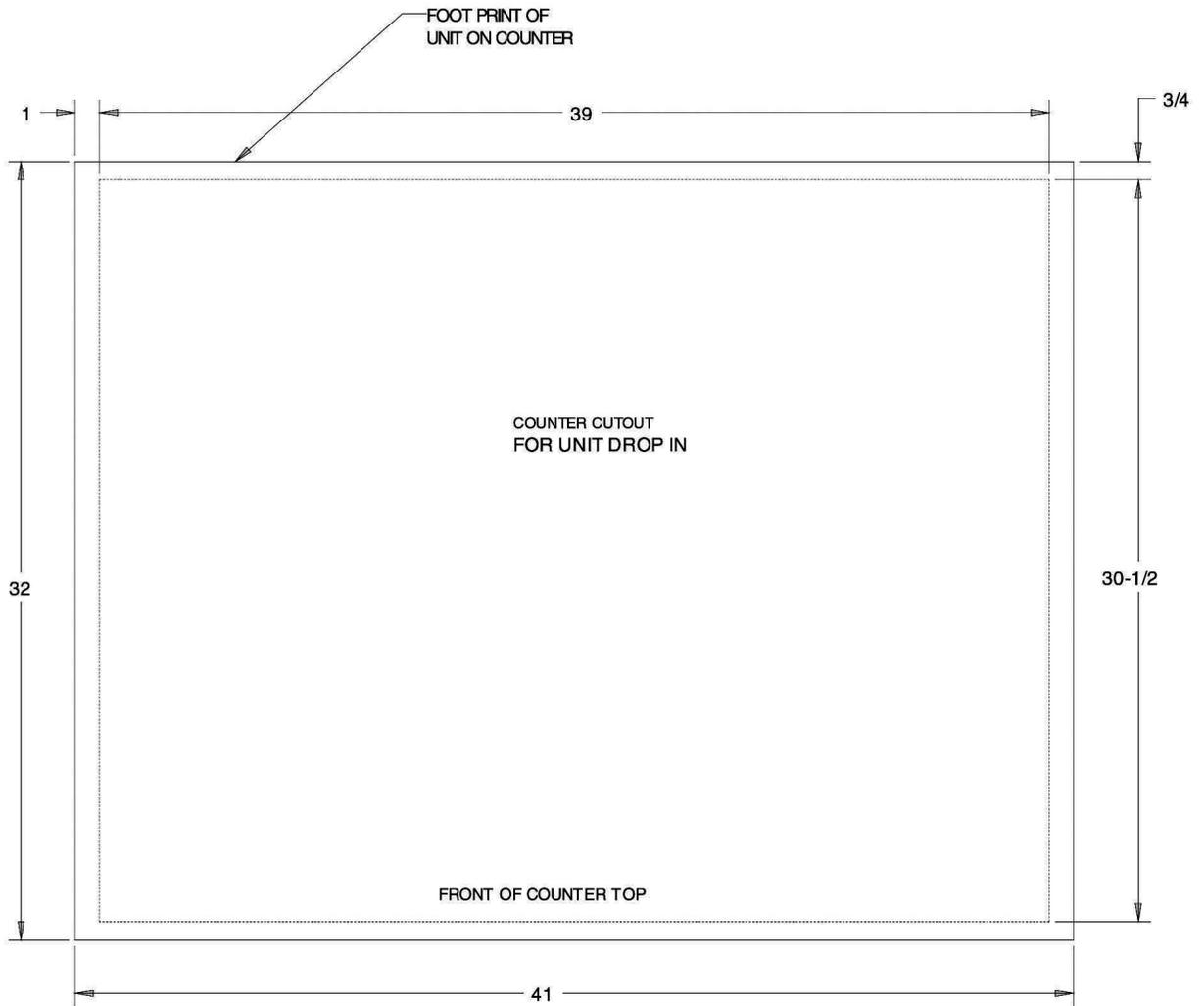
The dispenser *must* be sealed to the countertop. The MOUNTING TEMPLATE (see Figure 1.) indicates the opening that *must* be cut in the countertop. Locate the desired position for the dispenser, then mark the outline dimension on the countertop using the dimensions given or use the full size template enclosed.

Apply a continuous bead of NSF International (NSF) listed silastic sealant (Dow 732 or equivalent) approximately 1/4 inch inside the dispenser outline dimensions and around all openings. Position the dispenser on the countertop within the outline dimensions. All excess sealant *must* be wiped away immediately.

2. Attach 3/4-inch elbow to drainpan outlet and orientate to floor drain. Drain line must be pitched 1-inch per 12-inch run. See mounting template (Figure 1) for unit drain location.
  - A. Use 3/4-inch nominal plastic pipe for entire drain installation.
  - B. To assure proper drainage, *do not* allow a "trap" to form in the drain line.

**IMPORTANT:** This dispenser must be installed with adequate backflow protection to comply with applicable Federal, State, and Local Codes.

3. Clean the hopper interior (See Cleaning Instructions).
4. Connect dispenser power cord to 115 VAC or 230 VAC 60 Hz 15 Amp (depending on model) service.



THE ABOVE FIGURE SHOWS THE REQUIRED CUTOUT FOR PLACING THE ICE DISPENSER INTO A COUNTERTOP. THE DASHED LINE IS THE ACTUAL CUTOUT DIMENSION WHILE THE SOLID LINE SHOWS THE AMOUNT OF OVERHANG.

**Figure 1. Mounting Template**

# CLEANING AND MAINTENANCE INSTRUCTIONS

These instructions are used on all Cornelius ice drink dispensers. Some models may have additional cleaning requirements. Those models will have addition procedures listed later in the manual.

## **WARNING:**

Disconnect power to the unit before servicing. Follow all lock out/tag out procedures established by the user. Verify all power is off to the unit before performing any work.

**Failure to comply could result in serious injury, death or damage to the equipment.**

## **CAUTION:**

Do not use metal scrapers, sharp objects or abrasives on the ice storage hopper, top cover, agitator disc or exterior surfaces as damage to the unit may result. Do not use solvents or other cleaning agents as they may attack the material resulting in damage to the unit.

**Soap solution** – Use a mixture of mild detergent and warm (100° F ) potable water.

**Sanitizing Solution** – Dissolve 2 packets (4 oz) of Stera Sheen Green Label into 2 gallons of warm (80 – 100° F) potable water to ensure 200 ppm of chlorine.

## **DAILY CLEANING:**

1. Remove cup rest from drip tray and clean with warm soapy water, rinse with clean water and allow to air dry.
2. Wipe down the exterior of the unit with warm soapy water, rinse with clean water and allow to air dry.
3. Clean the interior of the ice chute using the brush provided with the unit with warm soapy water, rinse with clean water and allow to air dry.
4. Spray the ice chute inside and out with sanitizer and allow to air dry.
5. Pour warm soapy water down the drains to keep them clean and flowing smoothly.
6. Reinstall the cup rest into the drip tray.
7. Pour all remaining sanitizer solution down the drains to help keep the drain clear.

## **WEEKLY CLEANING: (IN ADDITION TO DAILY PROCEDURES)**

Remove the ice chute cover and clean it along with the back half with warm soapy using the brush provided with the unit. Rinse with clean water and reinstall on the unit. Spray the ice chute assembly with approved sanitizer allowing it to air dry.

## **MONTHLY CLEANING: (IN ADDITION TO DAILY AND WEEKLY PROCEDURES)**

1. Remove ice from hopper and clean and sanitize the hopper. (See the Cleaning the interior surfaces section shown later in this manual).
2. While cleaning the hopper use the brush provided with the unit to clean the cold plate surface. To accomplish this, the brush needs to be extended through the opening in the bottom of the hopper.

# START-UP AND OPERATING INSTRUCTIONS

Fill the hopper with ice. Dispense a large cup of ice. Repeat this procedure when ever the dispenser has run out of ice. In normal operation, pushing the ice dispenser lever will cause ice to flow from the ice chute. Ice will continue to flow as long as the lever is held depressed.

If the dispenser fails to dispense ice, refer to Troubleshooting in back of the manual.

## AUGER ASSEMBLY BREAKDOWN

1. For cleaning, the auger assembly is constructed for simple (tools not required) breakdown. First remove the tower cap (Item 23) by removing the 3 knurled screws.
2. Once the tower cap is out of the way you will see a wire retainer (Item 84). By placing your fingers on the backside of the ice chute (Item 54) with your thumbs pointing upward, place the thumbs on the retainer wire and with a slight upward movement push the wire retainer towards the rear of the unit. The retainer should pop out of the saddle and swing backwards.
3. At this point, you should be able to pull up on the ice chute and remove it from the assembly. You will notice that the ice chute is made up of three pieces. That is the ice chute, the ice chute cover and the auger gate which is respectively (Items 54, 55, and 57). When reassembling the ice chute, the auger gate sits in slots in the ice chute with the short tang side up.
4. The auger (Item 59) can now be removed by just grasping it and pulling up. Notice that the bottom of the auger has a depression in the form of a D pattern. When replacing the auger, it will be necessary to rotate the auger after insertion in the tube to engage the motor shaft.

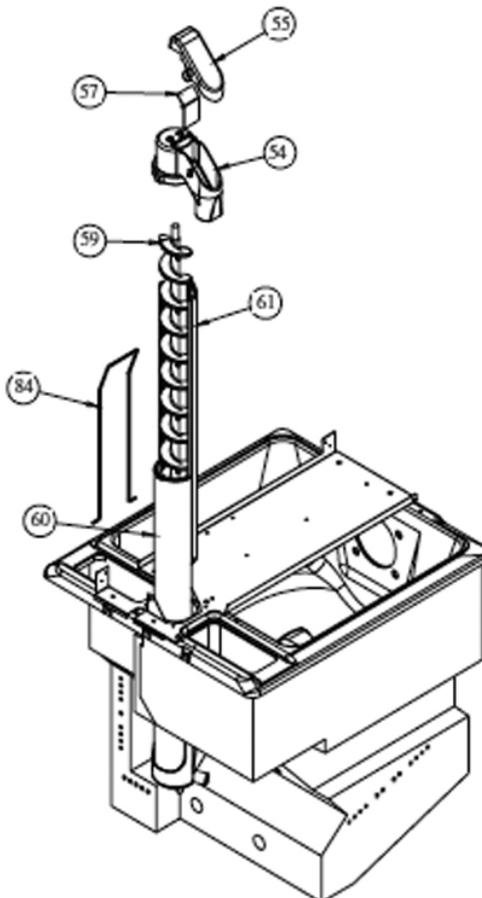


Figure 2. Auger Assembly

# CLEANING AND SANITIZING INSTRUCTIONS

**Soap Solution:** Use a mixture of mild detergent and warm (100° F) potable water.

**Sanitizing Solution:** Use 1/2-ounce of household bleach in one gallon of potable water. Preparing the sanitizing solution to this ratio will create a solution of 200 PPM.

## Cleaning Dispenser

### Cleaning Exterior Surfaces

**IMPORTANT:** Perform the following procedure daily.

1. Remove cup rest from the drip tray.
2. Wash the drip tray with soap solution. Rinse with potable water and allow solution to run down the drain.
3. Remove the rear cover by grasping the sides and lifting upward.
4. Wash cup rest with soap solution and rinse with potable water. Install cup rest in drip tray.
5. Clean all exterior surfaces of the dispenser with soap solution and rinse with potable water.

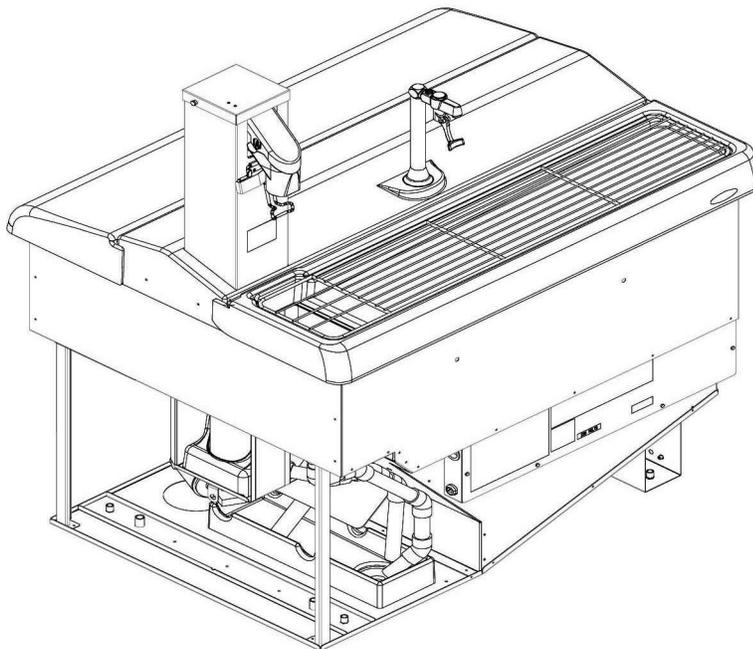
### Cleaning Interior Surfaces

**CAUTION:**

When pouring liquid into the hopper, *do not* exceed the rate of 1/2-gallon per minute.

**IMPORTANT:** Perform the following procedure at least once a month.

1. Lift drip tray to expose the hopper, then remove all ice from the hopper.
2. Remove the rear cover from the dispenser by grasping near the tower and lifting straight upward.



**Figure 3. Drip Tray and Rear Cover Removal**

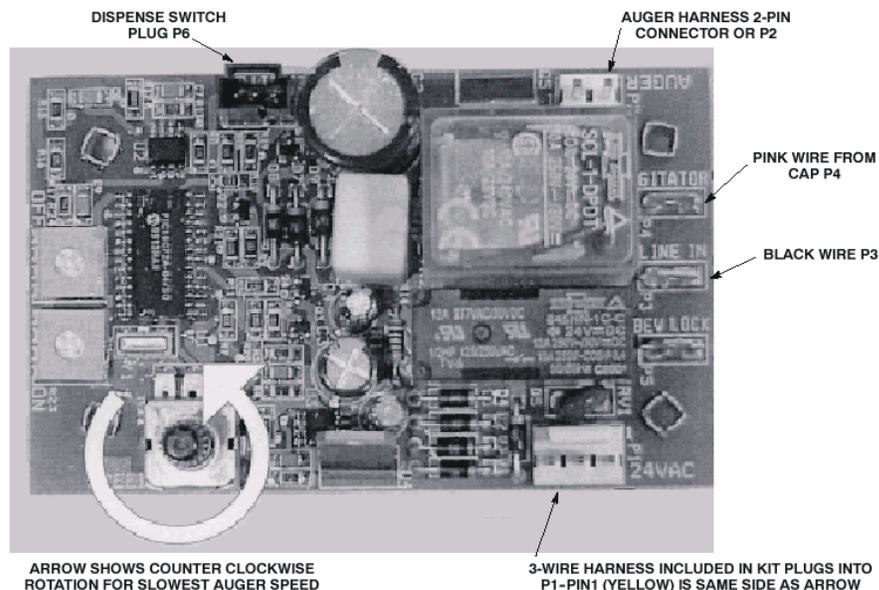
3. Remove agitator disk and agitator assembly.
4. Remove tower cover by removing three thumb screws.
5. Move the retaining bail to the rear of the tower which will allow removal of the ice chute assembly.

6. Grasp the auger by the shaft end and lift out the auger tube. Take care not to damage either end of the auger.
7. Remove the auger tube by lifting upward. The tube will separate into two halves for easy cleaning when fully removed.
8. Open the front door of the cabinet below the hopper. This will give you access to the lower auger drive area and the passage between the hopper and the auger for cleaning.
9. Using the previously prepared detergent solution, remove, the hopper covers, agitator disk, agitator assembly, interior of the hopper, both halves of the ice chute, auger, auger tubes, and the lower auger area of the auger housing. Thoroughly rinse all of the previously cleaned parts with potable water.
10. Reassemble the agitator assembly and disc into the hopper. Make certain the retaining screw is tight.
11. Using a mechanical spray bottle filled with sanitizing solution, spray the entire interior of the hopper and the agitator assembly. Go to the lower auger drive area and also spray with sanitizing solution. Allow to air dry.
12. Using the spray bottle, spray the inside of the two halves of the auger tube, the auger, the two halves of the chute assembly, and the undersides of the drip tray and rear cover. Allow to air dry.
13. Reassemble the two halves of the auger tube and place back into it's mounting. Holding the auger by the upper shaft end, insert into the auger tube. Make certain that the auger slips into it's drive pin. The chute assembly will not assemble properly if the auger is not seated on it's drive pin. Reassemble the chute assembly onto the auger tube and lock down by snapping the retainer onto the upper housing. Reinstall the tower cover with the thumb screws.
14. Reinstall the cover. Put the right cover on first before you close the left cover.

**NOTE: The auger tubes are different lengths and marked "TOP" and "BOTTOM" (the end with the tab is the top). The shorter tube half is adjacent to the water valve. When properly assembled, the top of the two halves should be even.**

## ICE AUGER SPEED CONTROL

The ice auger is a variable speed device. A potentiometer is used to control this speed. The potentiometer is located on the CB 1 control board (see Figure 4). The CB 1 control board is located inside the electrical control box which is below the counter facing towards the front of the counter. Removing the three screws and cover will expose the CB 1 Control board. By turning the potentiometer knob located on the CB1 control board CCW (counterclockwise) increases the speed of ice delivery. Turning the potentiometer knob CW (clockwise) decreases the speed of ice delivery. This control is factory pre-set to the lowest speed.



**Figure 4. Ice Auger Speed Control**



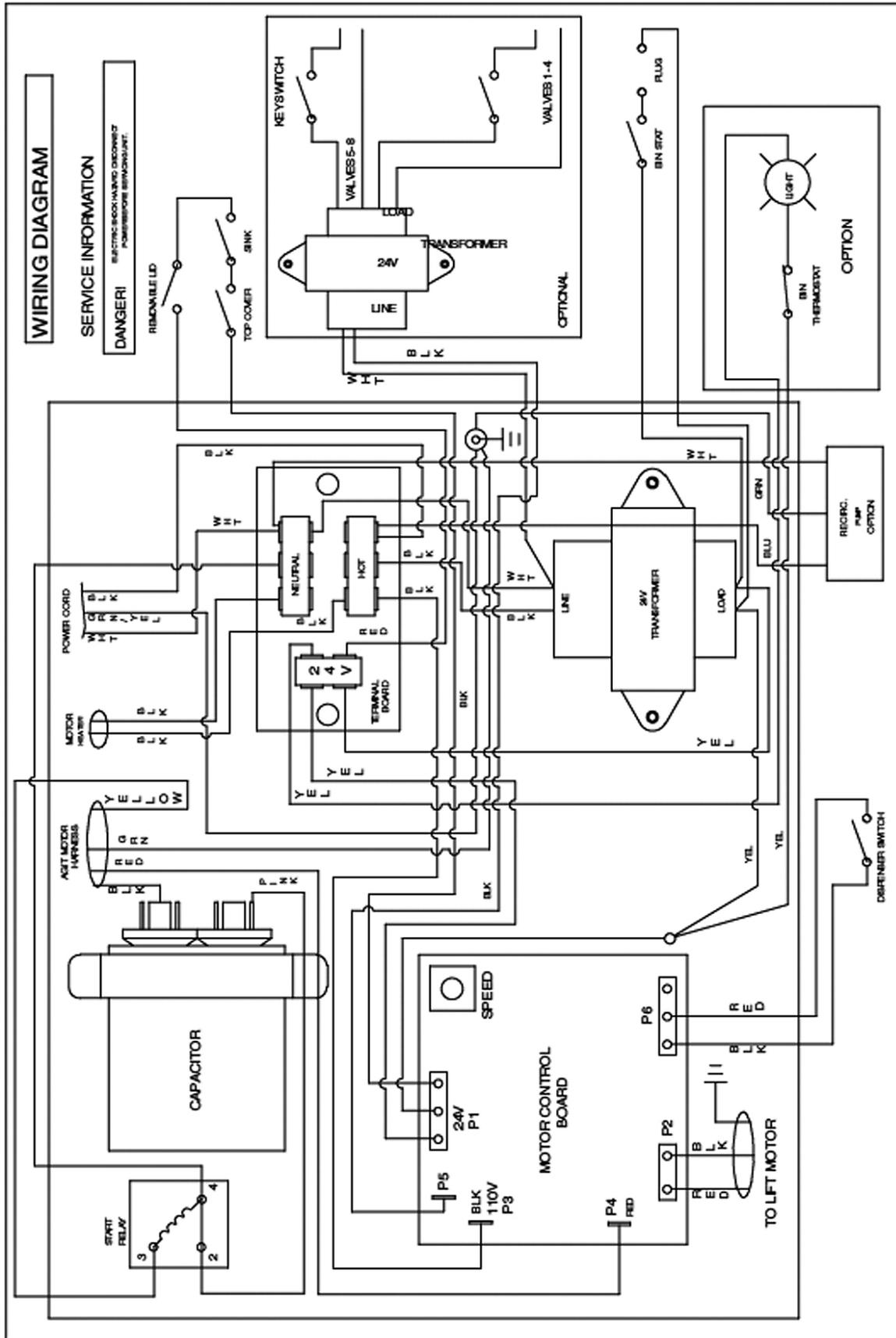


Figure 6. Wiring Diagram (230V)

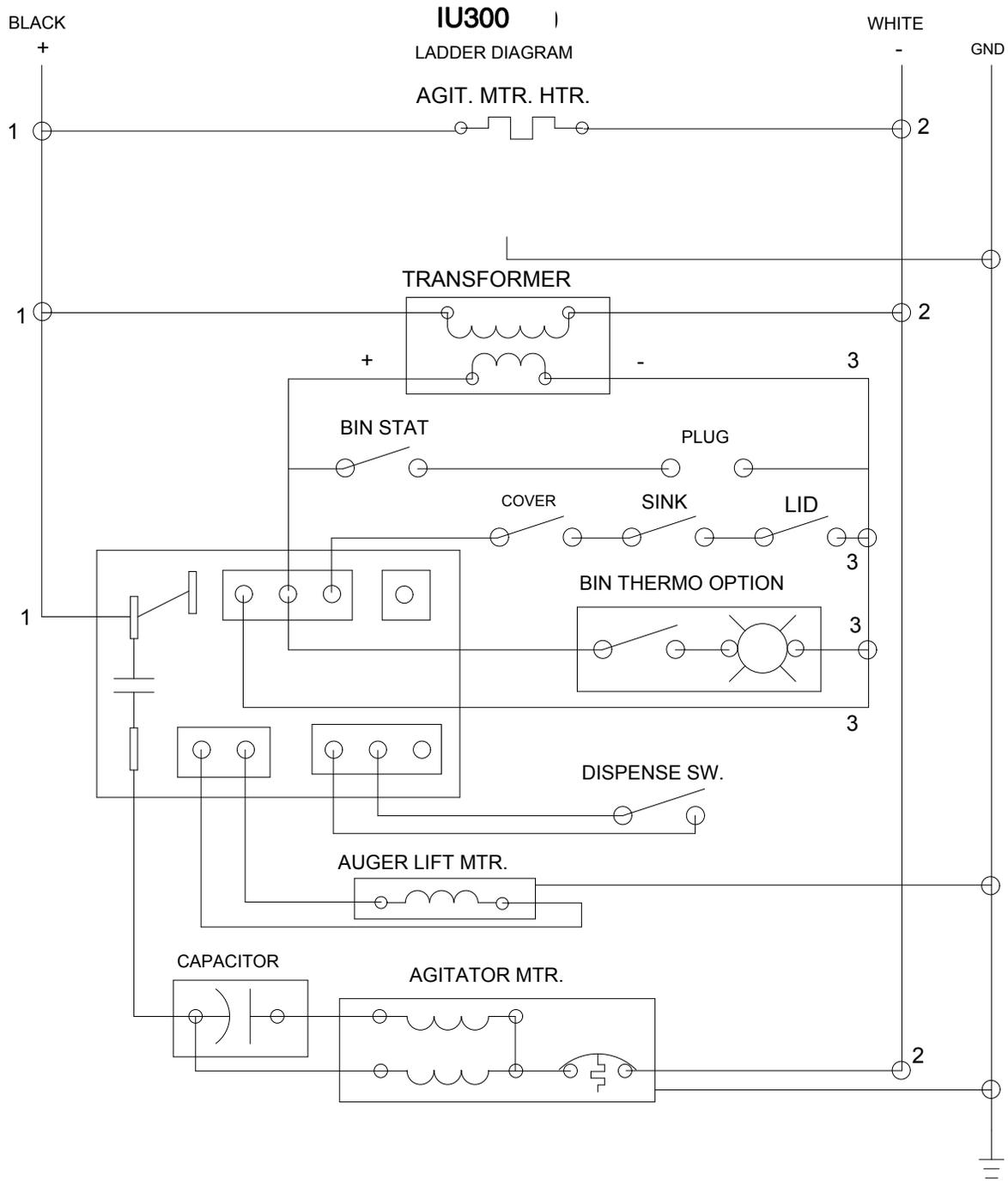


Figure 7. Ladder Diagram

# TROUBLESHOOTING


**CAUTION:**

Should the unit fail to operate properly, check that there is power to the unit and that the hopper contains ice. If the unit does not dispense, check the following chart under the appropriate symptoms to aid in locating the defect.

Trouble	Probable Cause	Remedy
BLOWN FUSE OR CIRCUIT BREAKER	a Short circuit in electrical wiring.	a Repair electrical wiring.
	b Inoperative 24 VAC transformer.	b Replace transformer.
	c Inoperative agitator motor.	c Replace agitator motor.
	d Shorted motor.	d Replace motor.
AGITATOR DOES NOT TURN, AUGER DOES NOT TURN.	a No electrical power.	a Restore electrical power.
	b Bent depressor plate (does not actuate switch).	b Replace depressor plate.
	c Inoperative dispensing switch.	c Replace dispensing switch.
	d Inoperative interlocks, lids not closed.	d Replace interlocks.
	e Inoperative timer board.	e Replace timer board.
	f Inoperative 24 VAC transformer.	f Replace transformer.
ICE DISPENSES CONTINUOUSLY.	a Stuck or bent depressor plate (does not release switch).	a Replace depressor plate.
	b Inoperative dispensing switch.	b Replace dispensing switch.
	c Improper switch installation.	c Correct switch installation.
	d Inoperative timer board.	d Replace timer board.
SLUSHY ICE. WATER IN HOPPER.	a Blocked drain.	a Unplug and flush out the drain.
	b Unit not sitting level.	b Level the unit.
	c Poor ice quality due to water quality or icemaker problems.	c Install water filter system. For icemaker problems, consult icemaker manual.
	d Improper use of flaked ice.	d Use correct ice.
AGITATOR TURNS, AUGER DOES NOT TURN.	a Inoperative auger motor.	a Replace auger motor.
	b Inoperative or improper setting of speed control.	b Replace speed control or re-adjust speed control.
	c Inoperative rectifier.	c Replace rectifier.
	d Ice jam.	d Clear ice jam.
	e Inoperative timer board.	e Replace timer board.
AUGER TURNS, AGITATOR DOES NOT TURN.	a Inoperative agitator motor.	a Replace agitator motor.
	b Inoperative motor capacitor	b Replace motor capacitor
	c Inoperative timer board.	c Replace timer board.

# ILLUSTRATED PARTS LIST

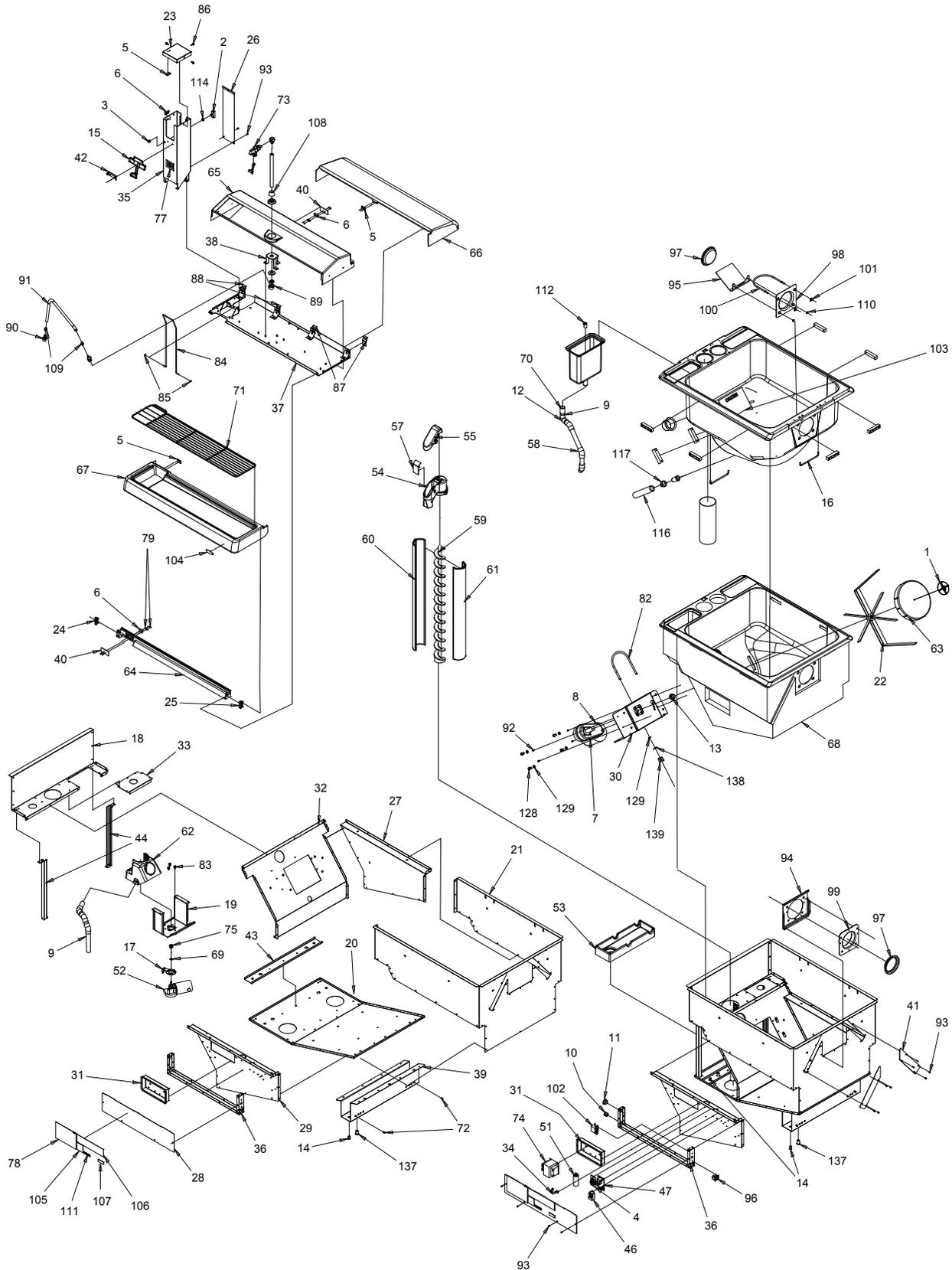


Figure 8. Illustrated Parts Breakdown



## DISPENSER SECTION PARTS LIST

Index No.	Part No	Description
1	15087	Retainer, Agitator
2	02070	Dispense Switch Kit Includes actuator switch, boot, spacer (Items 2, 3 and 114)
3	31007	Switch Boot
4	31107	Terminal Board
5	31981	Reed Switch Magnet
6	32953	Reed Switch
7	32826	Motor Heater 220V
	30794	Motor Heater 120V
8	33404	Gear Motor 1/4 220V/50/60
	629088531	Kit Agitator Motor Replacement (For units manufactured prior to 10/05)
	620314922	Agitator Motor (For units manufactured prior to 10/05)
9	50336	PVC SCH 40 Pipe 3/4"
10	50458	Strainrelief
11	50459	Snap Bushing
12	50951	PVC Elbow 90 deg. 3/4"
13	51101	Motor Shaft Seal
14	620710201	Nutsert 3/8-16
15	620024701	Dispenser Lever
16	620028226	U-Bolt 1/4-20
17	620028270	Auger Mounting Plate
18	620032617	Upper Panel for LH Model
	620044536	Upper Panel for RH Model
19	620032620	Auger Housing Bracket
20	620032632	Base
21	620032633	Wrap
22	620042701	Agitator Assembly
23	620043101	Ice Tower Cap
24	620043104	Hinge LH
25	620043105	Hinge RH
26	620044509	Ice Tower Back
27	620044549	Lower Back Panel For LH Model
	620048105	Lower Back Panel For RH Model
28	620044550	Access Panel
29	620044551	Lower Front Panel For LH Model
	620048104	Lower Front Panel For RH Model
30	620044616	Agitator Motor Mounting Plate
31	620044618	Transformer Mounting Plate
32	620044626	Plate Motor Mounting For LH Model
	620044627	Plate Motor Mounting For RH Model
33	620044628	Filler Plate
34	620045303	Capacitor Strap (230V)
35	620045501	Ice Tower



Index No.	Part No	Description
36	620045615	Electrical Component Wrap
37	620045726	Base Tower Weldment for LH Model
	620045728	Base Tower Weldment for RH Model
38	620045940	Pedestal Bracket
39	620045949	Leg Adapter Bracket
40	620045958	Interlock Switch Mounting Bracket
41	620046037	Bin Stat Cover
42	620046303	Ice Dispenser Lever Retainer
43	620046609	Base Stiffener
44	620047301	Corner Post
45	620302901*	Cord Assembly 220V
	30995*	Cord Assembly 120V
46	620306601	Motor Relay 220V
47	620311701	Agitator Timer
48	620312503*	Control Box Harness
49	620308504*	Auger Motor Harness
50	620308505*	Lid Switch Harness
51	620314301	Capacitor (230V)
52	629087456	Super Seal Kit (Includes gear motor, seals, foamed auger housing, and hardware)
53	629087415	Drain Tray with Elbow
54	620504001	Ice Chute
55	620504002	Ice Chute Cover
56	620504006	Hopper Conduit Seal
57	620504011	Auger Gate
58	620504021	PVC Elbow 45 deg. 3/4"
59	620505502	Auger
60	620505703	Front Auger Tube Assembly
61	620505704	Back Auger Tube Assembly
62	620506531	Auger Housing Assembly
63	620511305	Agitator Disc
64	620513302	Drain Trough Hinge For LH Model
	620506539	Drain Trough Hinge For RH Model
65	620516908	Mid Tower Base For LH Model
	620516907	Mid Tower Base For RH Model
66	620517003	Back Cover
67	629087512	LH Drip Tray with Cuprest Kit (Gray)
	629087520	LH Drip Tray with Cuprest Kit (Black)
	629087513	RH Drip Tray with Cuprest Kit (Gray)
	629087521	RH Drip Tray with Cuprest Kit (Black)
68	620517206	Bonded Hopper Assembly For LH Model
	620517208	Bonded Hopper Assembly For RH Model
69	620701123	Thrust Washer
70	620704603	PVC Coupling 3/4"



Index No.	Part No	Description
71	629087512	LH Drip Tray with Cup rest Kit (Gray) Must purchase kit if drip tray has not been upgraded.
	629087520	LH Drip Tray with Cup rest Kit (Black) Must purchase kit if drip tray has not been upgraded.
	629087513	RH Drip Tray with Cup rest Kit (Gray) Must purchase kit if drip tray has not been upgraded.
	629087521	RH Drip Tray with Cup rest Kit (Black) Must purchase kit if drip tray has not been upgraded.
	620708525	Cup rest 38.5 x 8.5 Works for both LH and RH units. For upgraded units only.
72	60342	Nutsert 1/4-20
73	620709302	Pedestal Water Valve
74	620710701	Transformer 154VA 230V
	620312101	Transformer 150VA 120V
75	629087456	Super Seal Kit (Includes gear motor, seals, foamed auger housing, hardware)
76	620807101*	Crate
77	620906404	Ice Label
78	620919354	Wiring Diagram
79	638007303-01	Washer Lock #4 (Marine Application Only)
80	70509	Hex Nut 4-40 SS (Marine Application Only)
	70023	Hex Nut 4-40 Keps
81	70959*	Nutsert - 8-32
82	71025	Motor Strap 3/8-16 Threaded (230V)
	620516432	Motor Strap 3/8-16 Threaded (115V)
83	71028	Shoulder Bolt 1/4-20
84	620705501	Retainer
85	620705201	Nut, Pal
86	70188	Screw Top Cover
87	620709604	Clip Retainer Lip LH
88	620709605	Clip Retainer Lip RH
89	620709016	Elbow 1/2" FPT Brass
90	60069067	Fitting Barbed 3/8 X 1/2 MPT
91	50092	Hose 3/8 Whiteline
92	620706605	Screw 8-18 Hex SS (Marine Application Only)
	70204	Screw 8-18 X 1/2 SS
93	620706609	Screw 8-32 X 3/8 Hex SS (Marine Application Only)
	70171	Screw 8-32 X 3/8 SS
94	620043206	Box Icemaker Sleeve
95	620044614	Plate Deflector
96	620314201	Connector Power
97	620516602	Cover Ice Maker
98	620517501	Collar Icemaker Sleeve
99	620517601	Sleeve Icemaker
100	620708908	Tube Bin Stat
101	620709601	Clip Push On
102	638009387	Bin Stat
103	90629	Label Cleaning



Index No.	Part No	Description
104	91486	Label Logo
105	91956	Label Electrical Shock
106	92067	Label Agitator Timer
107	92305	Label Transformer Reset
108	620517602	Sleeve Threaded Tapered
109	70520	Clamp Hose
110	70255	Nut 1/4-20
111	90582	Label 230V
	90580	Label 120V
112	620704101	Strainer Drip Tray
113	33388*	Harness Agitator Motor
114	70847	Spacer Switch
115	50279*	Armaflex
116	51774	Tubing Vinyl Clear
117	70750	Clamp Hose
118	70456*	Pop Rivet
119	70320*	Pop Rivet
120	620313606*	Jumper Wire Black
121	620313607*	Jumper Wire Black
122	620313612*	Jumper Wire Yellow
123	620313613*	Jumper Wire Yellow
124	620313614*	Jumper Wire Black
125	32651*	Jumper Wire Yellow
126	620304501*	Jumper Wire Green/Yellow
127	70017*	Nut Hex 10-32 SS Nyloc
128	71033	Bolt 3/8-16 X 3/4
129	70068	Washer Lock
130	638007025-05*	Screw, 8-32 X 1/2 Hex SS (Marine Application Only)
	70178*	Screw, 8-32 X 1/2 SS
131	620706610*	Screw, 8-32 X 3/4 Hex SS (Marine Application Only)
	70894*	Screw, 8-32 X 3/4 SS
132	620804806*	Carton
133	620805007*	Filler Carton
134	33096*	Jumper Wire Black 8"
135	33097*	Jumper Wire White 8"
136	31443*	Jumper Wire Pink 10"
137	620705401	Nutsert 1/2-13
138	71061	Washer Flat 7/16
139	71059	Nut Wing 3/8-16
140	620715301*	Spiral Retaining Ring
141	620715302*	Snap Ring

\*Indicates that the Item is not shown



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