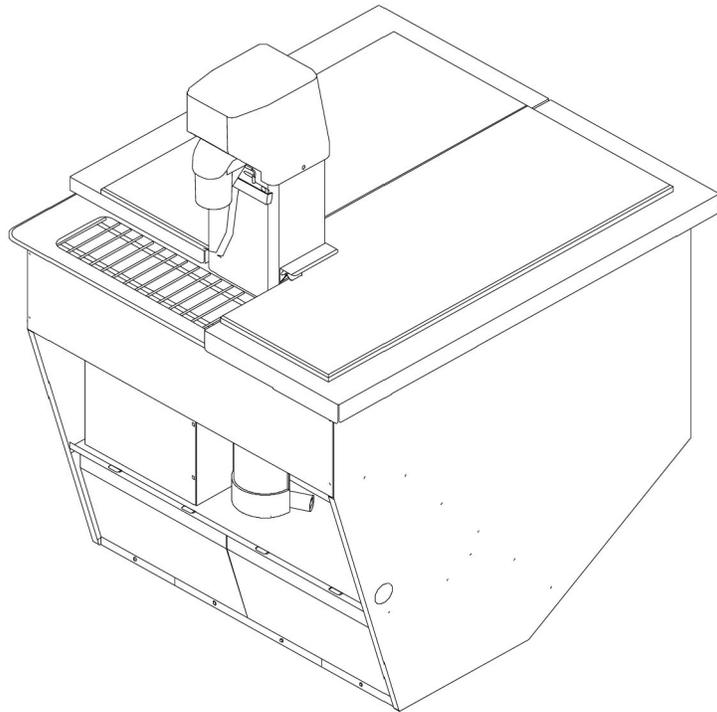




**Operator's Manual**  
**ICE DISPENSER**  
**Model: UC150 ICE ONLY**



**Release Date: August, 1999**

**Publication Number: 620917311**

**Revision Date: March 27, 2014**

**Revision: D**

Visit the Cornelius web site at [www.cornelius.com](http://www.cornelius.com) for all your Literature needs.

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.

Cornelius will not be responsible for any repair, replacement or other service required by or loss or damage resulting from any of the following occurrences, including but not limited to, (1) other than normal and proper use and normal service conditions with respect to the Product, (2) improper voltage, (3) inadequate wiring, (4) abuse, (5) accident, (6) alteration, (7) misuse, (8) neglect, (9) unauthorized repair or the failure to utilize suitably qualified and trained persons to perform service and/or repair of the Product, (10) improper cleaning, (11) failure to follow installation, operating, cleaning or maintenance instructions, (12) use of "non-authorized" parts (i.e., parts that are not 100% compatible with the Product) which use voids the entire warranty, (13) Product parts in contact with water or the product dispensed which are adversely impacted by changes in liquid scale or chemical composition.

### **Contact Information:**

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

**[www.cornelius-usa.com](http://www.cornelius-usa.com)**

**800-238-3600**

### **Trademarks and Copyrights:**

This document contains proprietary information and it may not be reproduced in any way without permission from Cornelius.

This document contains the original instructions for the unit described.

CORNELIUS INC  
101 Regency Drive  
Glendale Heights, IL  
Tel: + 1 800-238-3600

Printed in U.S.A.



# TABLE OF CONTENTS

<b>Safety Instructions</b> .....	<b>1</b>
Read And Follow All Safety Instructions .....	1
Safety Overview .....	1
Recognition .....	1
Different Types Of Alerts .....	1
Safety Tips .....	1
Qualified Service Personnel .....	1
Safety Precautions .....	2
Shipping And Storage .....	2
Mounting In Or On A Counter .....	2
<b>Description</b> .....	<b>3</b>
Specifications .....	3
<b>Installation Instructions</b> .....	<b>5</b>
<b>Cleaning And Maintenance Instructions</b> .....	<b>6</b>
Daily Cleaning: .....	6
Weekly Cleaning: (In Addition To Daily Procedures) .....	6
Monthly Cleaning: (In Addition To Daily And Weekly Procedures) .....	6
<b>Start-up &amp; Operating Instructions</b> .....	<b>7</b>
Torsion Bar Removal .....	7
<b>Cleaning And Sanitizing Instructions</b> .....	<b>9</b>
Dispenser .....	9
1. Cleaning Exterior Surfaces .....	9
2. Cleaning Interior Surfaces .....	9
Auger Assembly Breakdown .....	10
Speed Control For Ice Delivery .....	11
<b>Troubleshooting</b> .....	<b>14</b>
Blown Fuse Or Circuit Breaker .....	14
Agitator Does Not Turn, Auger Does Not Turn .....	14
Ice Dispenses Continuously .....	14
Slushy Ice. Water In Hopper .....	14
Agitator Turns, Auger Does Not Turn .....	14
Auger Turns, Agitator Does Not .....	14
<b>UC 150 Parts List</b> .....	<b>19</b>



# 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 **350 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 addition 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.

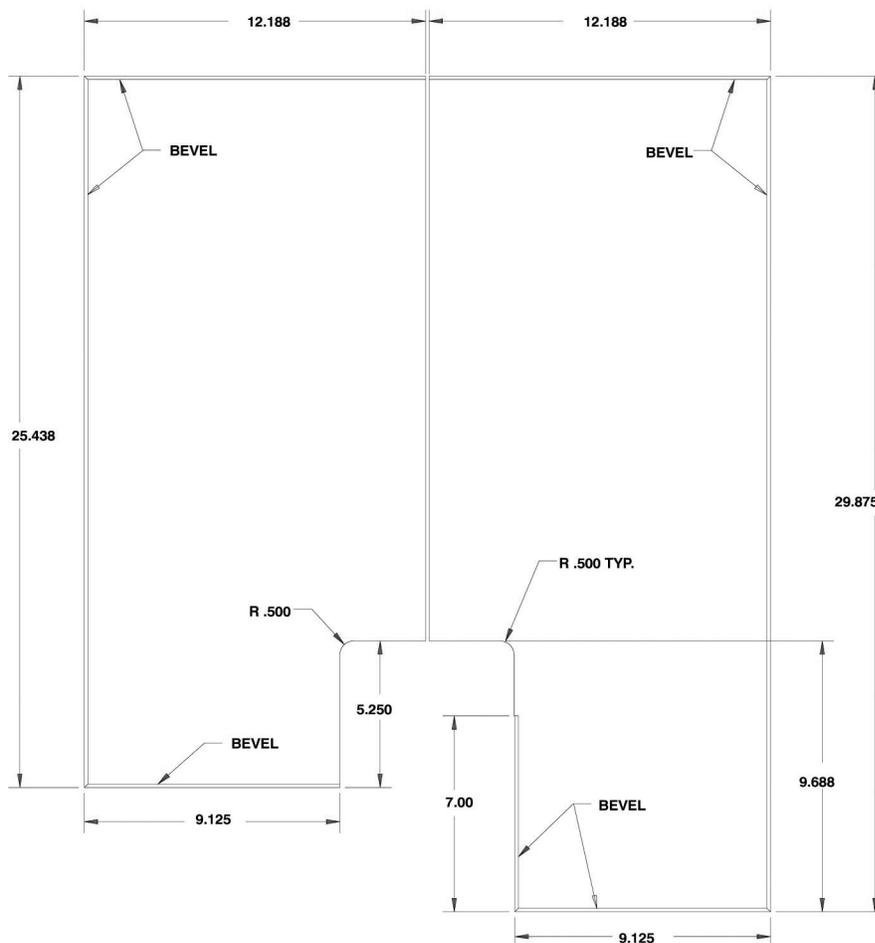
# DESCRIPTION

The Under counter ice dispenser solves your ice service needs in a sanitary, space saving, economical way. Designed to be manually filled with ice this dispenser will dispense cubes (up to 1-1/4" in size), cube lets and hard chipped or cracked ice.

## SPECIFICATIONS

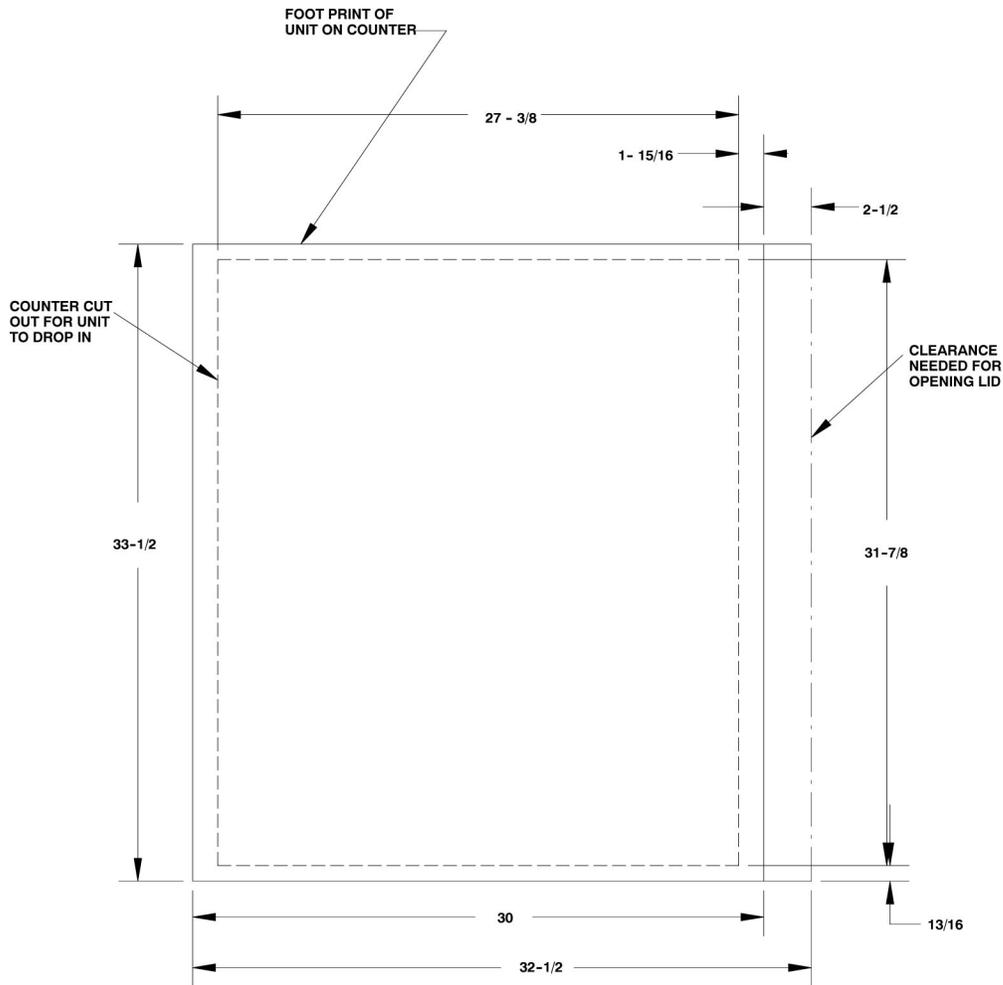
Model:	UC150
Ice Storage:	150 lbs
Electrical:	120/1/60, 3 amps total unit draw
Dimensions:	30" Wide X 33--5/8" Deep X 27" Below Countertop 16--9/16" High Above Countertop

**OPTIONAL: CORIAN COUNTERTOPS ARE ATTACHABLE AND BLEND INTO RESTAURANT DECOR. (SUPPLIED BY KES). CORIAN IS CUT FROM COUNTER AND FABRICATED (SEE FIGURE 1).**



**CORIAN IS CUT FROM COUNTER AND IS REWORKED AS SHOWN ABOVE BEFORE BEING GLUED TO UC 150 DOOR LIDS**

Figure 1. Template



THE ABOVE FIGURE SHOWS THE REQUIRED CUTOUT FOR PLACING THE ICE DISPENSER INTO A COUNTER TOP. THE DOTTED LINE IS THE ACTUAL CUTOUT DIMENSIONS WHILE THE SOLID LINE SHOWS THE AMOUNT OF OVERHANG FOR THE DISPENSER.

Figure 2. Dimensions Template

# INSTALLATION INSTRUCTIONS

**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. 1.2-1976; 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 connections and fixtures directly connected to a potable water supply shall be sized, installed, and maintained according to federal, state and local laws.

1. Locate the dispenser indoors on a level counter top.

**A. COUNTER MOUNTING**

The ice dispenser must be sealed to the counter. The template drawing indicates the opening that must be cut in the counter. Locate the desired position for the dispenser, then mark the outline dimensions on the counter using the template drawings. Cut openings in counter.

Apply a continuous bead of NSF International (NSF) listed silastic sealant (Dow 732 or equal) approximately 1/4" inside of the unit outline dimensions and around all openings. Then, position the unit on the counter within the outline dimensions. All excess sealant must be wiped away immediately.

2. The drain tube is routed through the large opening in the bottom of the unit. See the MOUNTING TEMPLATE (page 4) for locating the required clearance hole in the counter for these utility lines. The power cord is routed through the holes in the side of the unit.
3. **SINK DRAIN ASSEMBLY:** Connect the drain tube to an open drain. Additional drain tubing is provided with the unit. The drain tube must continuously pitch downward and contain no "traps" or improper drainage will result.
  - A. Use 3/4" nominal plastic pipe.
  - B. To assure proper drainage, do not allow "trap" to form in drain line. Be sure drain line runs flat with bottom of dispenser.
4. Clean the hopper interior (see CLEANING INSTRUCTIONS in Operator's Manual).
5. Connect the power cord to a 120 volt, 60 cycle, 15-Amp, 3-wire grounded receptacle.

# 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 cleaning or servicing following all lock out / tag out procedures established by the user. Verify all of the 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 & OPERATING INSTRUCTIONS

Fill the hopper with ice. Dispense a large cup of ice. Repeat this procedure whenever 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 flow will continue to flow as long as the lever is held depressed. **If the dispenser fails to dispense ice, see troubleshooting guide.**

### TORSION BAR REMOVAL

The hinged door as shipped from the factory is set up for the mounting of Corian on the top. In the case where Corian will not be used, it is recommended that the rear torsion bar be removed so as to decrease the spring force. To accomplish this task, the recommended procedure is as follows.

1. Remove balloon Item 46 Ice Deflector by removing the three knurled screws that hold the Ice Deflectory in place.
2. Break the RTV seal that holds the polymeric inner lid in place. This should be done with a sharp instrument.
3. Gently pry the inner lid out of the stainless steel cover.
4. Now that the complete Torsion Bar Assembly is visible, locate the Counter Balance Pivot which is balloon item 71. Using an 11/32" socket or equivalent, remove the two 8-32 hex nuts.
5. Carefully pry the pivot up and away from the mounting studs. As you do this, the torsion shafts will move along with the pivot.
6. Once the pivot is free of the studs, moving it a little further towards you should allow the torsion shafts to come free of the pivot.
7. You should be able to grab the rear torsion bar at this time and pull away from the end that is captured in the sheet metal bracket.
8. Reverse the steps to reassemble the door.
9. RTV liner back in place

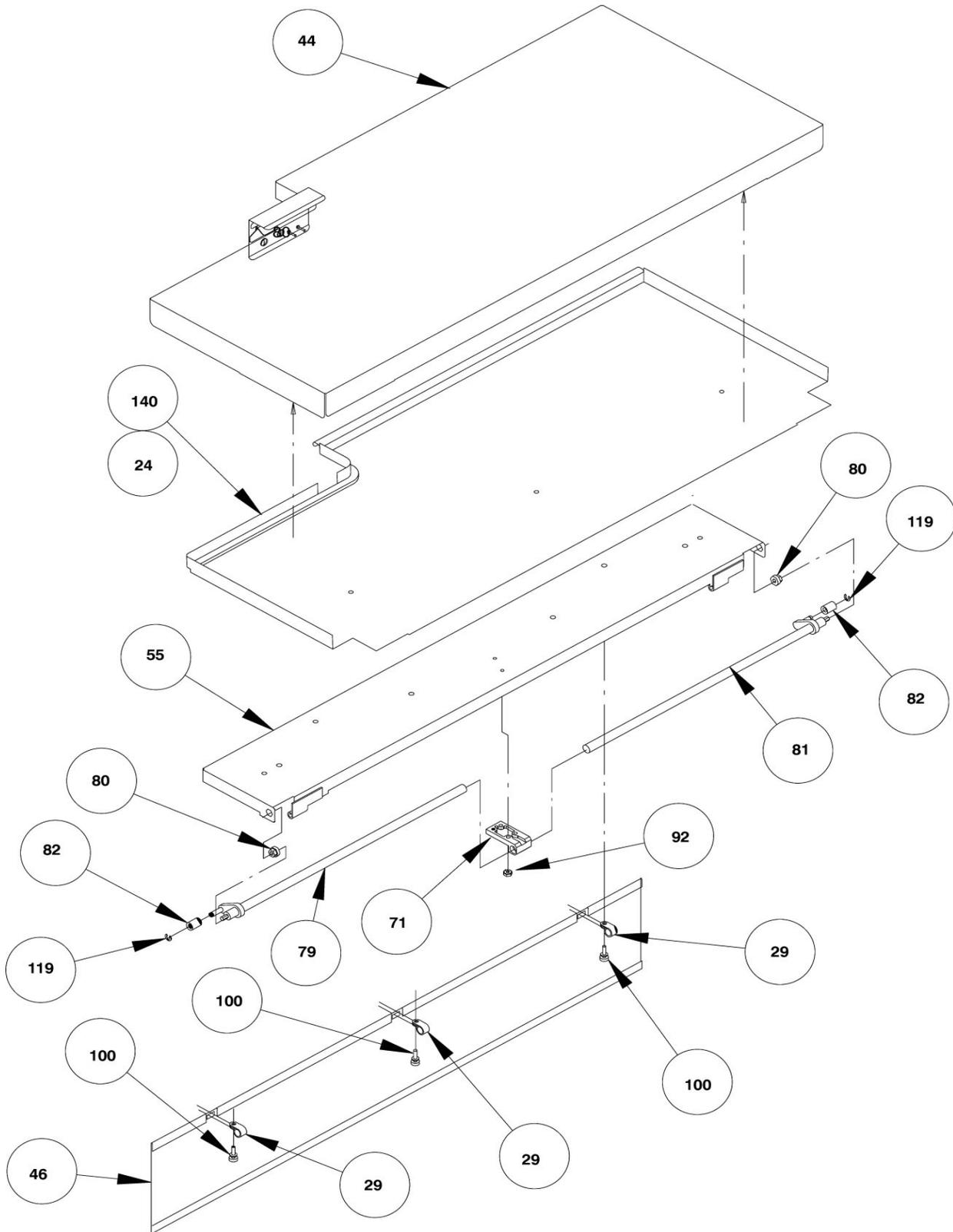


Figure 3. Torsion Bar Removal

# 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 1 gallon of potable water. Preparing the sanitizing solution to this ratio will create a solution of 200 PPM.

## DISPENSER

### 1. CLEANING EXTERIOR SURFACES

**IMPORTANT:** Perform the following daily.

1. Remove the cup rest from drip tray.
2. Wash the drip tray with soap solution. Rinse with potable water and allow solution to run down the drain.
3. Wash cup rest with soap solution and rinse in potable water. Install the cup rest into the drip tray.
4. Clean all exterior surfaces with soap solution and rinse with potable water.

### 2. CLEANING INTERIOR SURFACES

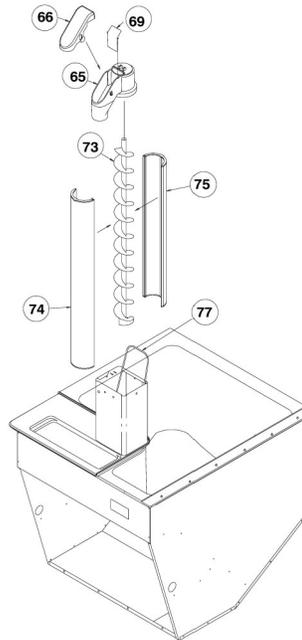


**CAUTION:**

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

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

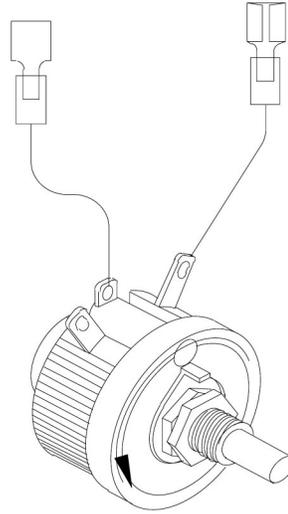
1. Open right hand hopper cover, then remove all ice from hopper.
2. Lift up and remove the left hand hopper cover.
3. Remove agitator disk and agitator assembly.
4. Remove tower cover by removing three thumb screws.
5. Move the retaining bail to the rear of the tower which will allow removal of the ice chute assembly.
6. Grasp the ice 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 clean the hopper covers, agitator disk, and 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 with potable water.
10. Reassemble the agitator assembly and disc into the hopper. Make certain that 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 right and left covers. Allow to air dry.
13. Reassemble the two halves of the auger tube and place back into its mounting. Holding the auger by the upper shaft end, insert into the guide tube. Make certain that the auger slips into its drive pin. Chute assembly will not assemble properly if the auger is not seated on its drive pin. Reassemble the upper auger and chute assembly onto the auger and lock down by snapping the bail onto the upper housing. Reinstall the tower cover with the thumb screws.
14. Reinstall the covers. Put the right cover on first before you close the left cover.



**Figure 4. Auger Assembly**

## AUGER ASSEMBLY BREAKDOWN

1. For cleaning, the auger assembly is constructed for simple not tools required breakdown. First remove the tower cap (item 69) by removing the 3 knurled screws.
2. Once the tower cap is out of the way you will see a wire retainer (item 77). By placing your fingers on the back-side of the ice chute (item 65) 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 65, 66, and 69). Take note so that when reassembling the ice chute, the auger gate cradles in the ice chute with the short tang side up.
4. The auger (Item 73) 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.
5. Last are the auger housings (Items 74 and 75). They are dislodged by pulling upward. Check their orientation and the fact that the longer tube is on the front side. When positioning the housings back in the dispenser, the longer tube should be placed first so as to seat in the lower housing to set up the orientation (top and bottom are marked on end of the tube tab at the top), otherwise the ice chute spout will not point towards the front of the dispenser.



ARROW SHOWS CCW DIRECTION FOR INCREASING SPEED OF ICE AUGER MOTOR

Figure 5. Ice Auger Motor

## SPEED CONTROL FOR ICE DELIVERY

The ice auger is a variable speed device. A potentiometer is used to control this speed. The potentiometer is located in the electrical box which is below the counter.

The output shaft of the potentiometer protrudes through an opening on the bottom side of the electrical box. For adjustment the output shaft (Items 62 and 59) is easily reached by removing the left side panel cover (item 42).

By turning the knob CCW (counterclockwise), you will increase the speed of the ice delivery. Please note that the potentiometer position is upside down so the actual motion for increasing the speed is from left to right.

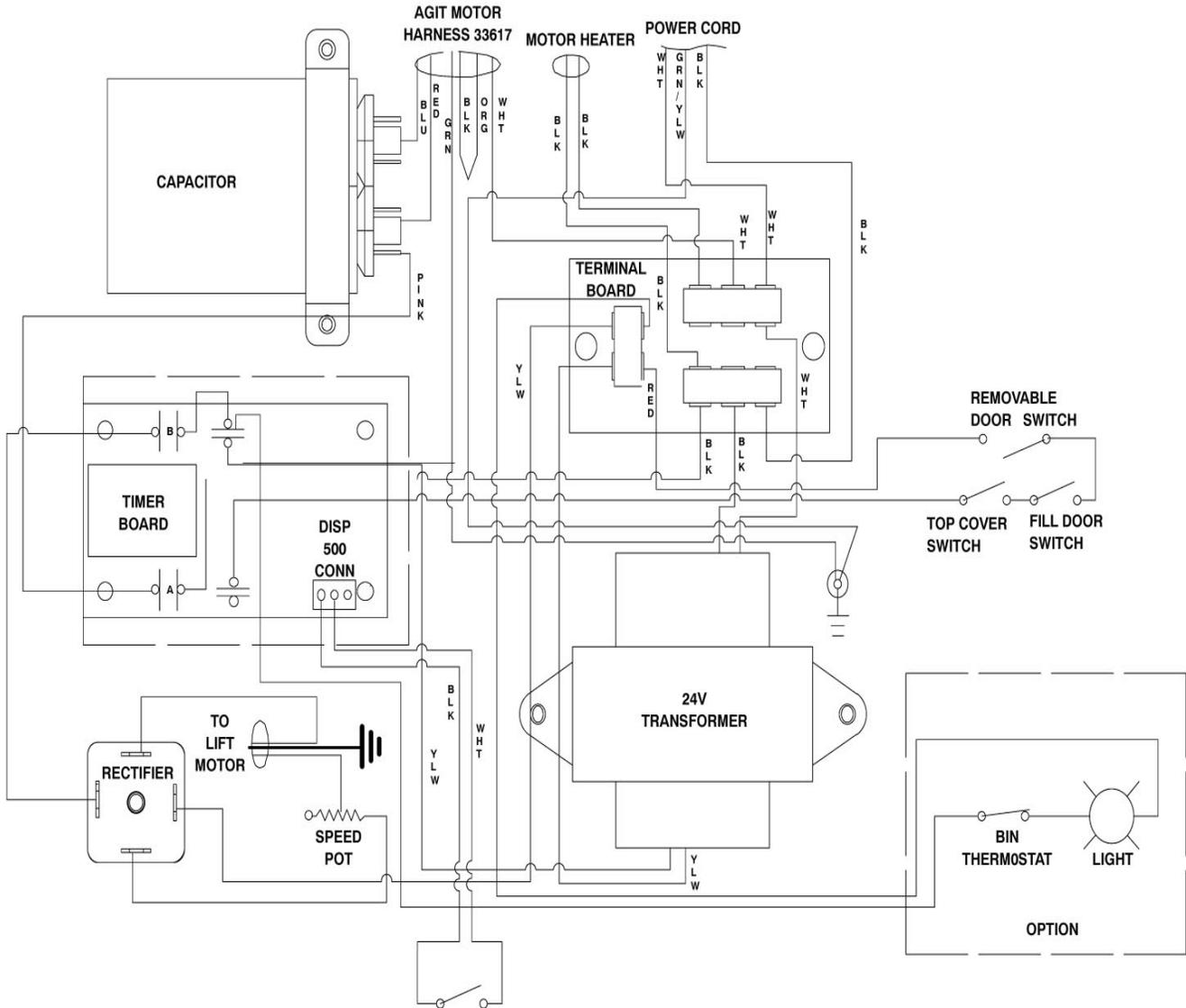


Figure 6. Wiring Diagram

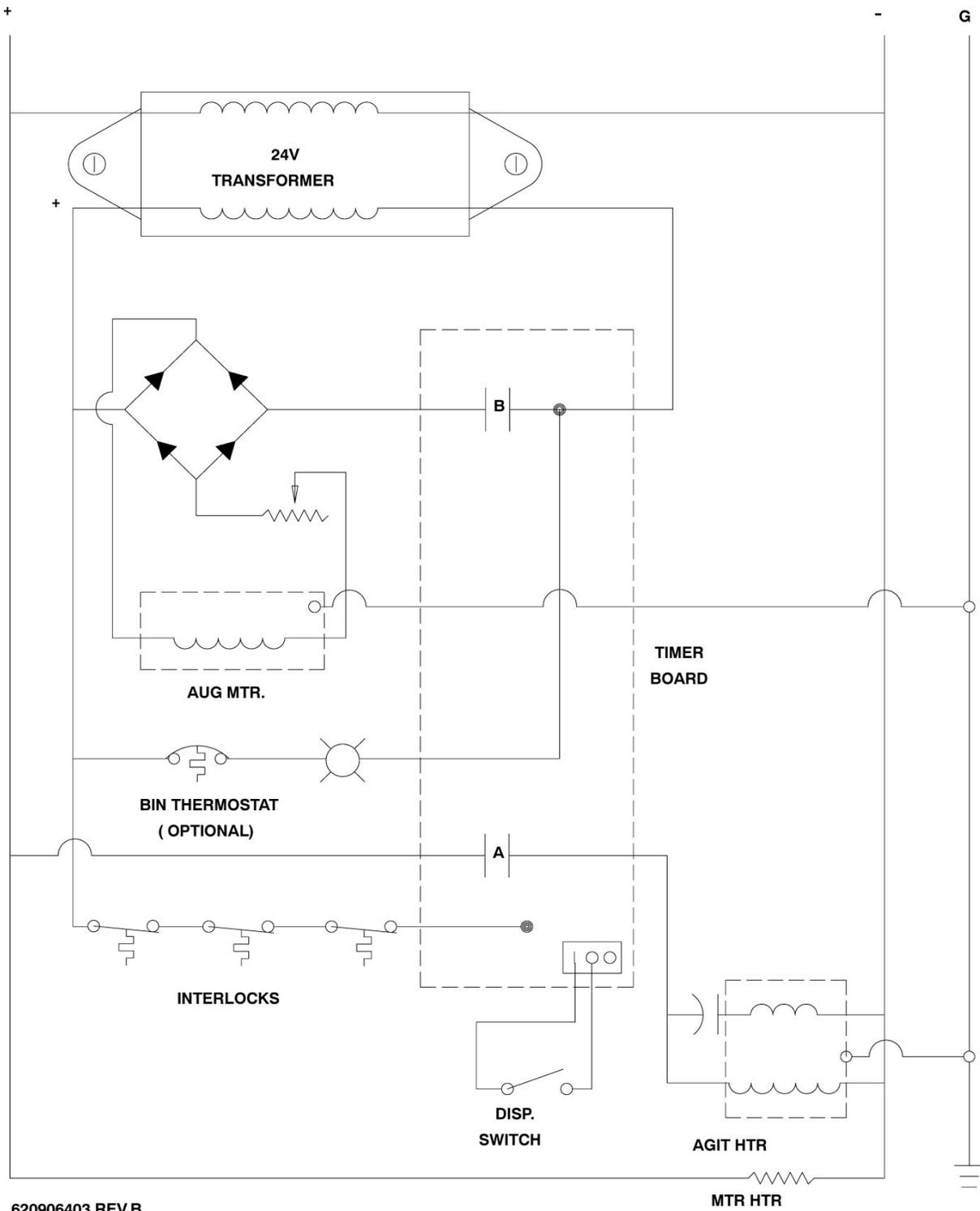


Figure 7. Ladder Diagram

## TROUBLESHOOTING

### CAUTION:

Should your 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
BLOWN FUSE OR CIRCUIT BREAKER.	<ul style="list-style-type: none"> <li>A. Short circuit in wiring.</li> <li>B. Defective 24 VAC transformer</li> <li>C. Defective agitator motor</li> <li>D. Shorted motor</li> </ul>
AGITATOR DOES NOT TURN, AUGER DOES NOT TURN.	<ul style="list-style-type: none"> <li>A. No power.</li> <li>B. Bent depressor plate (does not actuate switch).</li> <li>C. Defective dispensing switch.</li> <li>D. Defective interlocks, lids not closed.</li> <li>E. Defective timer board</li> <li>F. Defective 24 VAC transformer.</li> </ul>
ICE DISPENSES CONTINUOUSLY.	<ul style="list-style-type: none"> <li>A. Stuck or bent depressor plate (does not release switch).</li> <li>B. Defective dispensing switch.</li> <li>C. Improper switch installation.</li> <li>D. Defective timer board.</li> </ul>
SLUSHY ICE. WATER IN HOPPER.	<ul style="list-style-type: none"> <li>A. Blocked drain.</li> <li>B. Unit not level.</li> <li>C. Poor ice quality due to water quality or icemaker problems.</li> <li>D. Improper use of flaked ice.</li> </ul>
AGITATOR TURNS, AUGER DOES NOT TURN.	<ul style="list-style-type: none"> <li>A. Defective auger motor.</li> <li>B. Defective or improper setting of speed control.</li> <li>C. Defective rectifier.</li> <li>D. Ice jam.</li> <li>E. Defective timer board.</li> </ul>
AUGER TURNS, AGITATOR DOES NOT.	<ul style="list-style-type: none"> <li>A. Defective agitator motor.</li> <li>B. Defective motor capacitor.</li> <li>C. Defective timer board.</li> </ul>

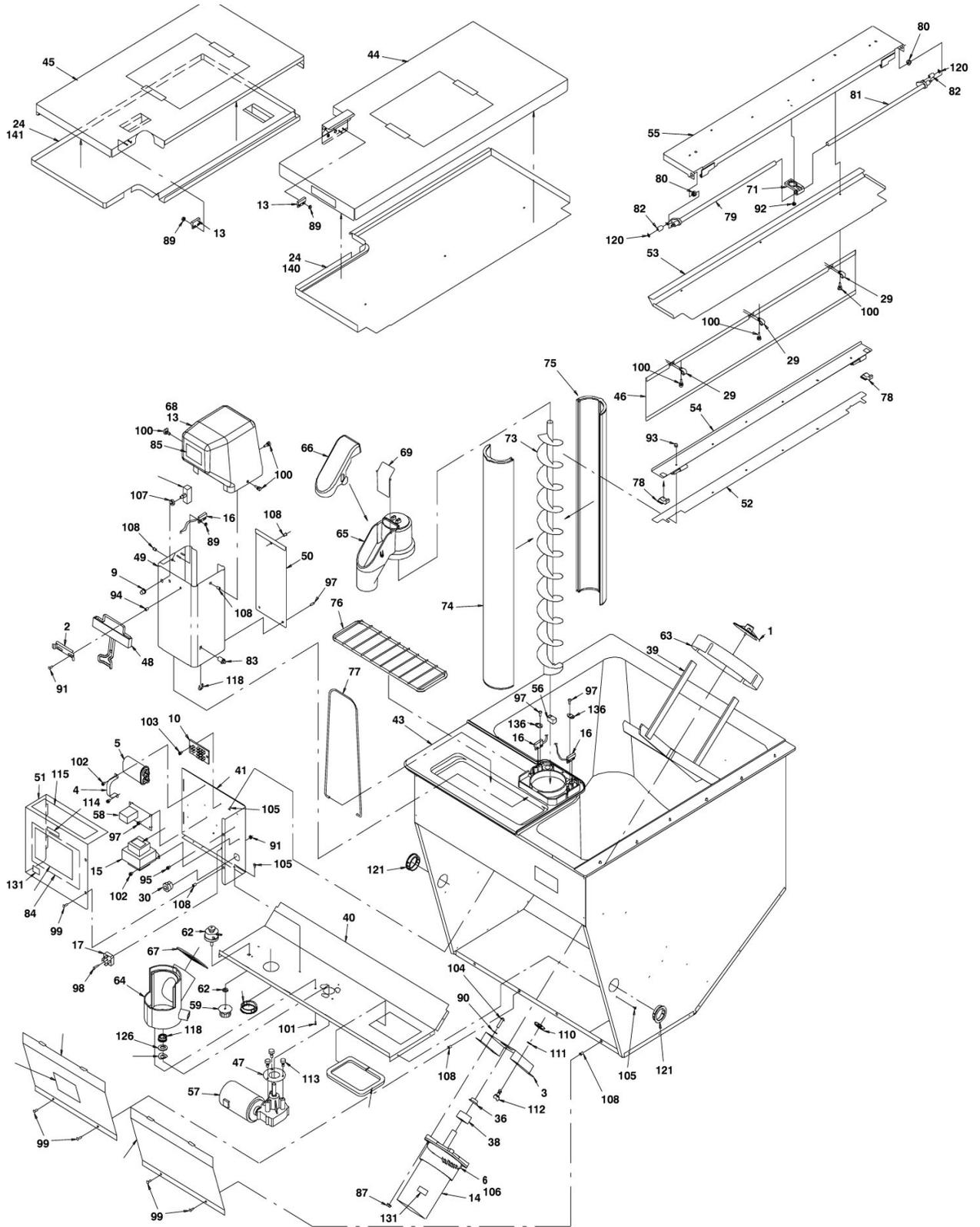
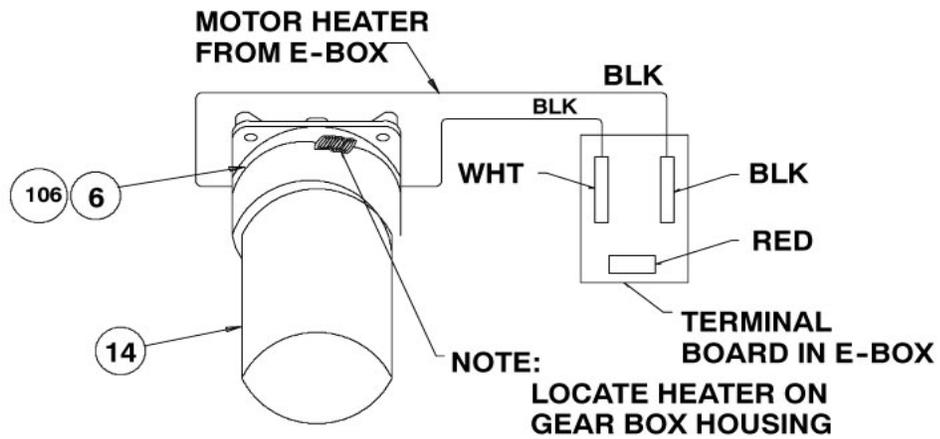
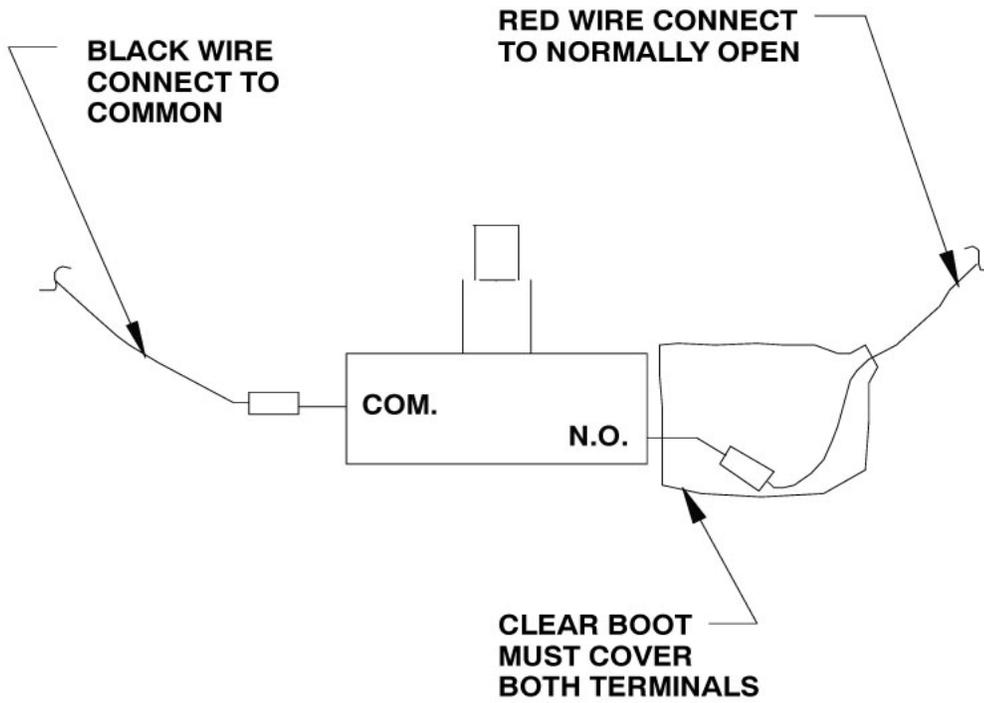


Figure 8. US 150 Exploded View

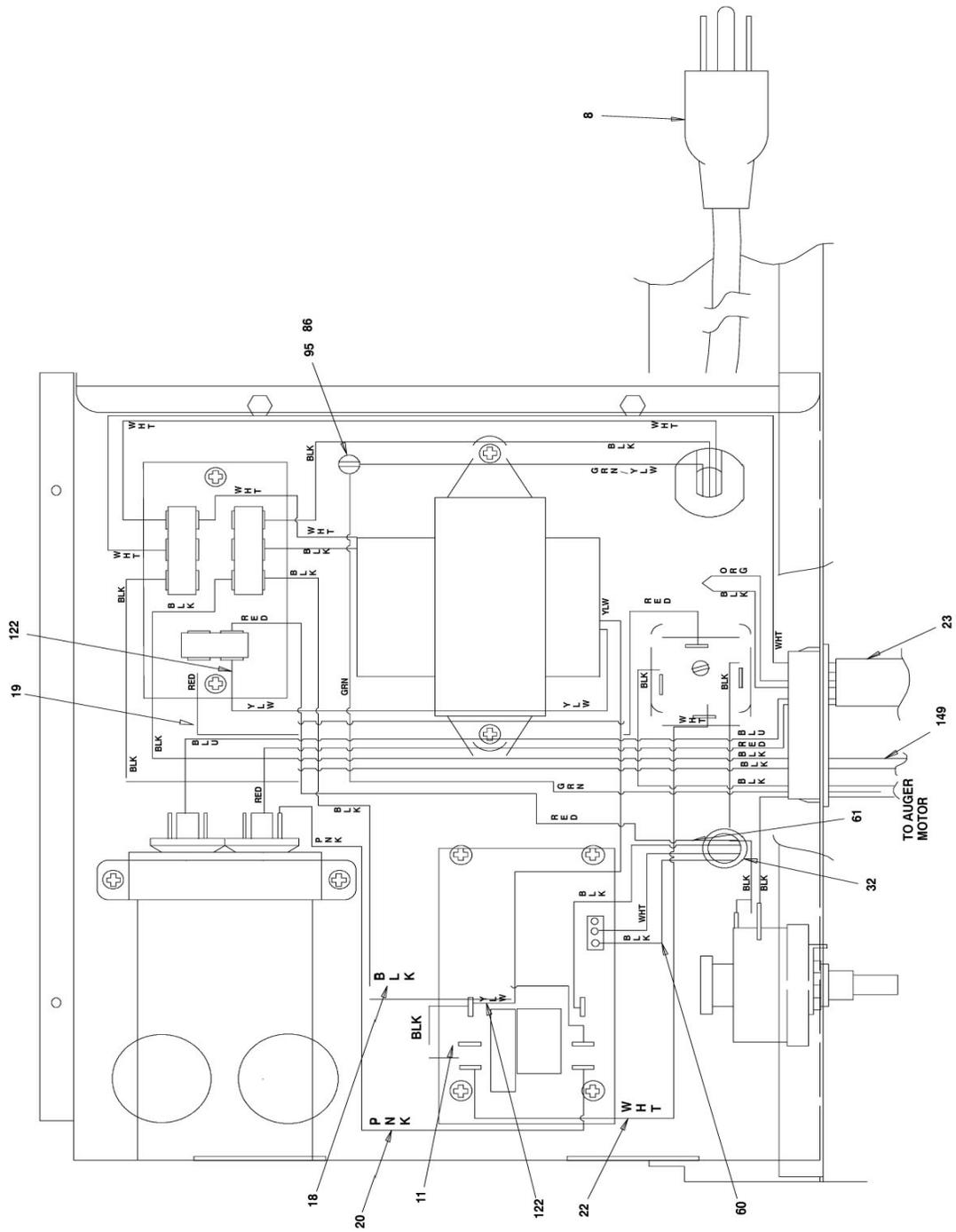


**AGITATOR MOTOR HEATER WIRING DETAIL**



**DISPENSE SWITCH WIRING DETAIL**

**Figure 9. Agitator Motor and Dispense Switch Wiring Detail**



“A”, “B”, and “C”  
Figure 10. Wiring Diagram

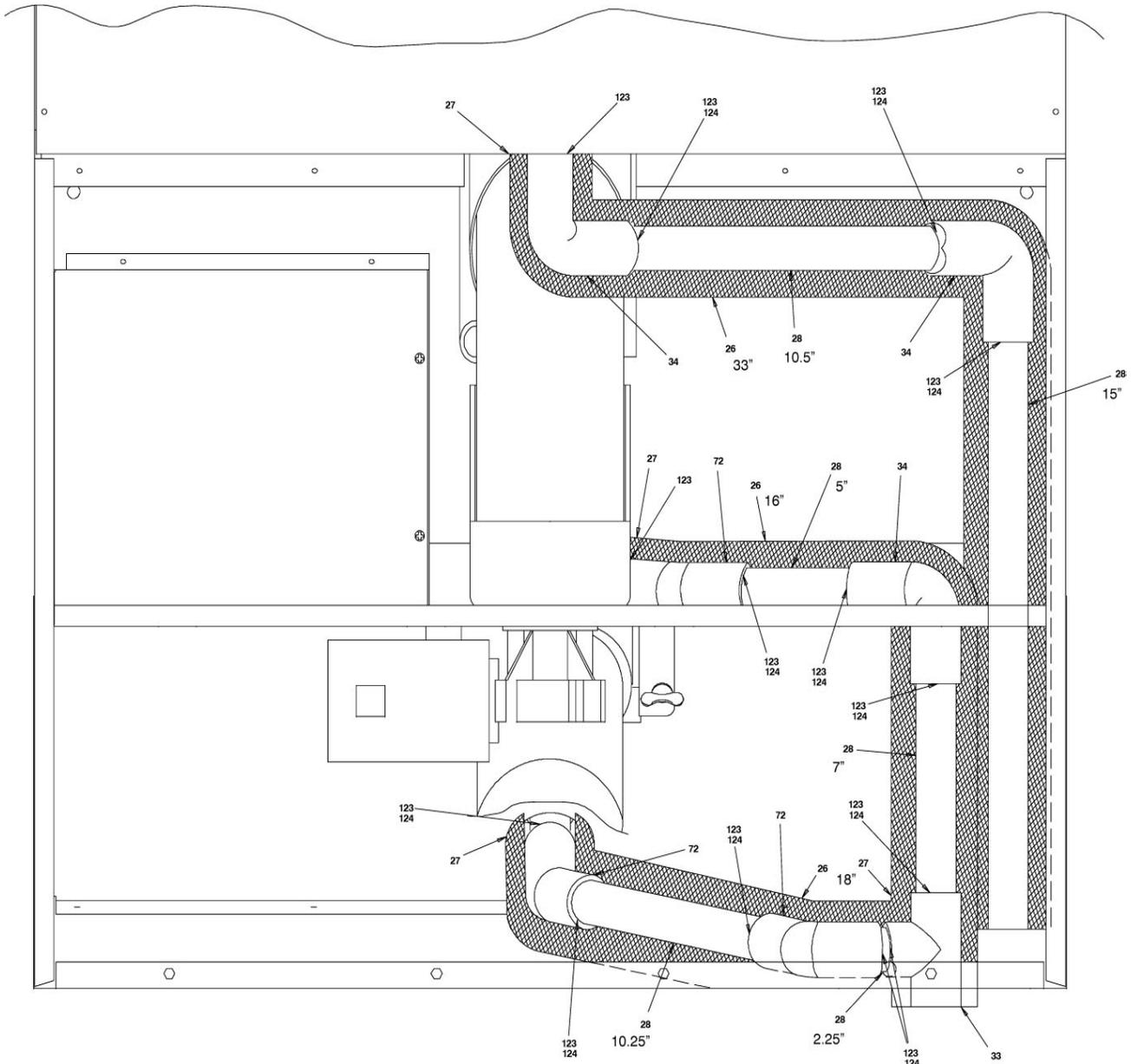


Figure 11. UC 150 Plumbing



## UC 150 PARTS LIST

Item No	Part No.	Name	Qty
1	15087	Retainer, Agitator	1
2	27107	Retainer Lever Ice Disp	1
3	29303R	Plate, Motor Mounting R00	1
4	30514	Saddle Clamp For Capacitor	1
5	30774	Capac Motor Agit 2230AK6	1
6	30794	Heater Agit Mtr 2230AK6	1
7	30895	Actuator Swt 223AK6	1
8	30995	Power Cord Assy R02	1
9	31007	Boot Switch 2230AK6	1
10	31107	Board Term	1
11	31655	Jumper, Blk 3" 16GA	1
12	31945	Jumper, Red 18" 16GA R00	1
13	31981	Actuator Hamlin Magnetic	2
14	620307901	Kit, Agitator Motor, 115 VAC	1
	620307902	Kit, Agitator Motor, 220 VAC	1
15	32682	Transformer Asy 120/25VAC 80VA	1
16	32953	Reed Switch Assy	2
17	32958	Rectifier 10Amp. 800V	1
18	33611	Lead Jump Blk 9"	1
19	33612	Lead Jump Red 9"	1
20	33613	Lead Jump PK 7"	1
21	33614	Lead Jump White 15"	1
22	33616	Lead Jump White 9"	1
23	33617	Harness Wire Motor Agit	1
24	50200	RTV, Dow #732 Clear 10.3 Oz	
25	50228	Heat Conductor Compound	
26	50279	Tube Insul 1--1/8ID x 3/8W x 6'	60
27	50326	Insulation Tape 1/8" x 2" x 30	
28	50336	Pipe PVC Sch. 40 3/4" x 20'	48.5
29	50456	Nylon--Wire Clamp	3
30	50458	Strain Relief Bushing	1
31	50475	Bushing Heyco 7/8	1
32	50573	Snap Bushing 1/2	1
33	50950	Tee -- 3/4	1
34	50951	Eil--90 3/4 SOC x 3/4 SOC	3
35	50952	Adpt--3/4 SOC x 3/4 FPT	2
36	51859	Seal Shaft Motor 2230AK6/DB150	1
37	52132	Adhesive Loctite 242	.001
38	52876	Gasket, Motor Shaft	1

## UC 150 PARTS LIST (CONT'D)]

Item No.	Part No.	Name	Qty
39	620024001	Agitator Asy UC Ice Only	1
40	620024305	Brkt Mtr Mtg Auger UC150	1
41		Obsolete	
42	620024307	Panel Cover Elect Box UC150	2
43	620024309	Cabt/Hopper Foamed Asy UC150	1
44	620024310	Ice Fill Cvr Weldment UC150	1
45	620024311	Cover Weldment UC150	1
46	620024316	Ice Deflector UC150	1
47	620024501	Auger Motor Bolt Plate UC150	1
48	620024701	Lever Dispense UC150	1
49	620024702	Tower UC150	1
50	620024705	Access Plate Tower UC150	1
51	620024904	Cover E-Box UC150 McD	1
52	620024913	Spacer Hinge Hopper UC150 McD	1
53		Obsolete	
54	620024919	Asy Hinge Shield UC150 McD	1
55	620024920	Asy C/B Brkt UC150 McD	1
56	620024921	Bushing Auger Drive UC150	1
57	629087456	Super Seal Kit (Includes motor, foamed auger housing, seals, and Hardware)	1
N/A	620045952	Auger Motor Mounting Bracket	
N/A	620046706	Removable Ice Basket Holder	
N/A	620504025	Hinge Cover Assy	
N/A	629087428	Tower Base Repair Kit	
58	620311701	Agitator Timer (Order Timer Board Update Kit, 629087410, if unit has old timer board)	1
59	620305204	Knob Rheostat	1
60	620305701	Harness Wire Disp Switch UC150	1
61	620305702	Harness Reed Switch UC150	1
62	620305704	Rheostat Asy	1
63	620503801	Agitator Disk UC150	1
64	620503803	Lower Tube UC	1
65	620504001	Ice Chute Under Counter	1
66	620504002	Ice Chute Cover Under Counter	1
67	620504006	Hopper Conduit Seal	1
68	Hopper Conduit Seal	Tower Cap UC150 McD	1
69	620504011	Auger Gate UC150 McD	1
70		Obsolete	



## UC 150 PARTS LIST (CONT'D)

Item No.	Part No.	Name	Qty.
71	620504020	Pivot C/P UC150	1
72	620504021	Ell 45 PVC Slide x Slip	3
73	620505501	Auger Plastic UC150	1
74	620505701	Asy Auger Housing Front UC150	1
75	620505702	Asy Auger Housing Rear UC150	1
76	620700901	Cup Rest UC Ice Only	1
77	620701104	Ice Chute Retainer UC150	1
78	620701110	Cam C/B UC150	2
79	620701111	Arm C/B Front	1
80	620701112	Hex C/B UC150	2
81	620701114	Arm C/B Rear	1
82	620701115	Roller C/B	1
83	620701117	Latch Asy Bullet UC150	1
84	620906401	Wiring Diagram UC150	1
85	620906404	Label Ice	1
86	70015	Nut Hex 10--32 Keps	2
87	70018	Nut Hex 1/4-20 Keps	4
88	70021	Nut Hex 08--32 SS 18--8	2
89	70023	Nut Hex 04--40 STCA Deps	2
90	70048	Washer SR 225 449 062 STZI INT	4
91	70075	Nut Hex 06-32 STZI Keps	1
92	70076	Nut Hex 08--32 STCA KEPS 1/8	2
93	70085	Nut Acorn 08--32 SS	6
94	70104	Insert THD 08-32 Thin Sht	5
95	70120	Screw MA 10-32 16 GRD	1
96	70134	Screw MA 04-40 RDSL 12	2
97	70147	Screw SM 06 TB RDPH 16 STCA	4
98	70153	Screw MA 06-32 RDPH 14	1
99	70171	Screw MA 08-32 TRPH 12 SS	8
100	70188	Screw WG 08-32 KN 16	6
101	70204	Screw SM 08 TA TRPH 16 SS	3
102	70215	Screw SM 08 TB HXWS 08	4
103	70217	Screw SM 08 TB HX 16	2
104	70260	Bolt MA 1/4--20 RDPH 32 SS	4
105	70320	Rivet Pop 125D 063-125	10

## UC 150 PARTS LIST (CONT'D)

Item No.	Part No.	Name	Qty.
106	70341	Gate Slide Spring	1
107	70847	Spacer SWT 2230	4
108	70959	8-32 STL. PL HEX TSN	4
110	70993	1/4 Turn Retainer	4
111	70994	1/4 Turn Stud Wing Head	4
112	71028	Bolt SH 1/4-20	3
113	90580	Label Elec 115V Brady #CV2C NV	1
114	92067	Label Adjust QFD Agit Timer	1
115	92305	Label Auto Trans	1
116		Obsolete	
117	620701121	Seal Motor Shaft Auger UC150	1
118	620701119	E Ring Stainless Stl Bullet Latch	1
119	620701120	E Ring Stainless Steel C/B	2
120	50767	Heyco Snap Bushing	3
121	620906403	Wiring Diagram Ladder UC150	1
122	30064	Q C Terminal, 1/4	2
123	50332	PVC Cement	.001
124	50346	E Z Weld Primer--CPVC PVC	.001
125	620701123	Wash Thrust 14GA 9/16 ID SS	1
126	620701122	Wash Spr Curv Disc SS .525ID	1
127	70122	Screw SM 04 TA TRPH 12 SS	2
128	30455	#10 Insul Eyelet Terminal	1
129	620504009	Bucket Ice Fill LP150 McD	1
130	91956	Label Warn Elec Shock	1
131	90432	Label Caution Heater	1
132	620802101	S-Support Pallet 31-1/2 x 36	1
133	620802102	A-Carton 36-1/8 x 31-1/2 x 52-1/8	1
134	620802103	S-in Support 40-3/4 x 36-1/8	2
135	620802104	S-in Support 48 x 31-1/2	1
136	52972	Flush Nylon Clip	1
137		Obsolete	
138	620917311	Owner's Manual	1
139			
140	620508901	Liner Lid RH	1
141	620508902	Liner Lid LH	1
142	620909702	Installation Manual	1
143	80412	Staple 7/8 x 1/4	6
144	80056	Steel Strapping 1/2 x .015	190'''
145	80058	Strapping Clip	1



## UC 150 PARTS LIST (CONT'D)

Item No.	Part No.	Name	Qty.
146	50418	Plastic Bag	1
147	80333	Corner Protector	2
148	90629	Label Cleaning Caution	1
149	620305705	Motor Harness	1
150	91574	Plate, Identification	1
151	620911201	Label, Corian	3
152	620911202	Label, Speed Control	1
153	620911203	Sht Instl Corian Top	
154	53219	Blk Triom 1/32	18
N/A	829085201	Door Assy RH Kit	
N/A	620048801	Door Assy LH	
N/A	620506540	Hinge End Cap	
N/A	620503702	Drip Tray	
N/A	620024906	Latch Handle Assy	



**Cornelius Inc.**  
**[www.cornelius.com](http://www.cornelius.com)**