



INSTALLATION INSTRUCTIONS

ICE BANK CONTROL REPLACEMENT KIT (P/N 319292888)

ON

284845 UNIVERSAL 1250 FOUR-FLAVOR PRE-MIX UNIT
284907 UNIVERSAL 1550XR FOUR-FLAVOR PRE-MIX UNIT
491200 CHANCELLOR FOUR-BRAND BEER COOLER
318411 1050XR COOLING UNIT
496296 1050XR COOLING UNIT

SAFETY

 **WARNING:**

Before starting installation, read and understand all safety label and warnings on the machine. Also review and understand all safety instructions in the owners, installation and service manuals.

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

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. 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:**

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.

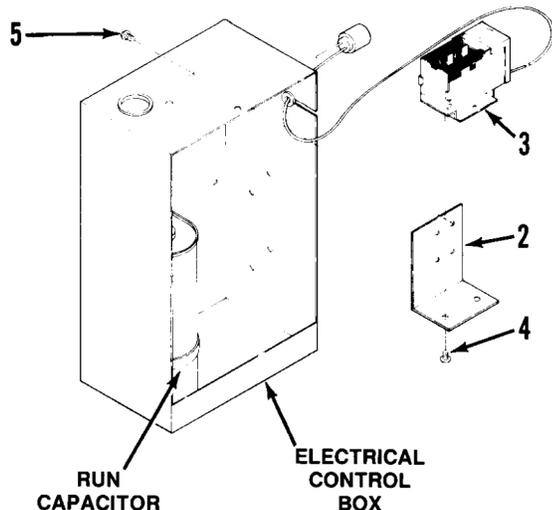


Figure 1.

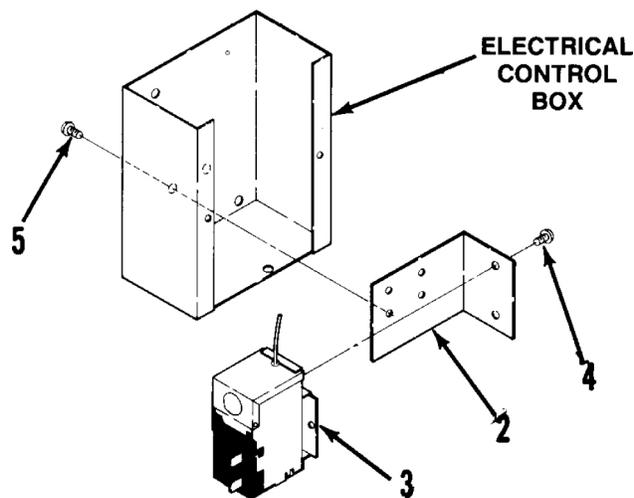


Figure 2.

Table 1. Loose-Shipped Parts

Item No.	Part No.	Name	Qty.
1	319405000	Electrical Connector, Push-On Type	2
2	319293000	Mounting Bracket, Ice Bank Control	1
3	186074001	Ice Bank Control	1
4	189578000	Machine Screw, Phil Truss Hd. Sems, No. 6-32 by 1/4-in.	2
5	343417000	Machine Screw, SI Pan Hd. No. 8-32 by 1/4-in.	2
6	312018002INS	Installation Instructions	1

NOTE: Unpack and inspect kit. Make sure all items listed are present and in good condition.

⚠ 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.

1. Unplug unit power cord from electrical outlet.
2. Remove screws securing unit top cover, then remove cover.
3. Remove grille from unit for access to electrical control box.
4. Remove screws securing electrical control box cover, then remove cover.

⚠ WARNING:

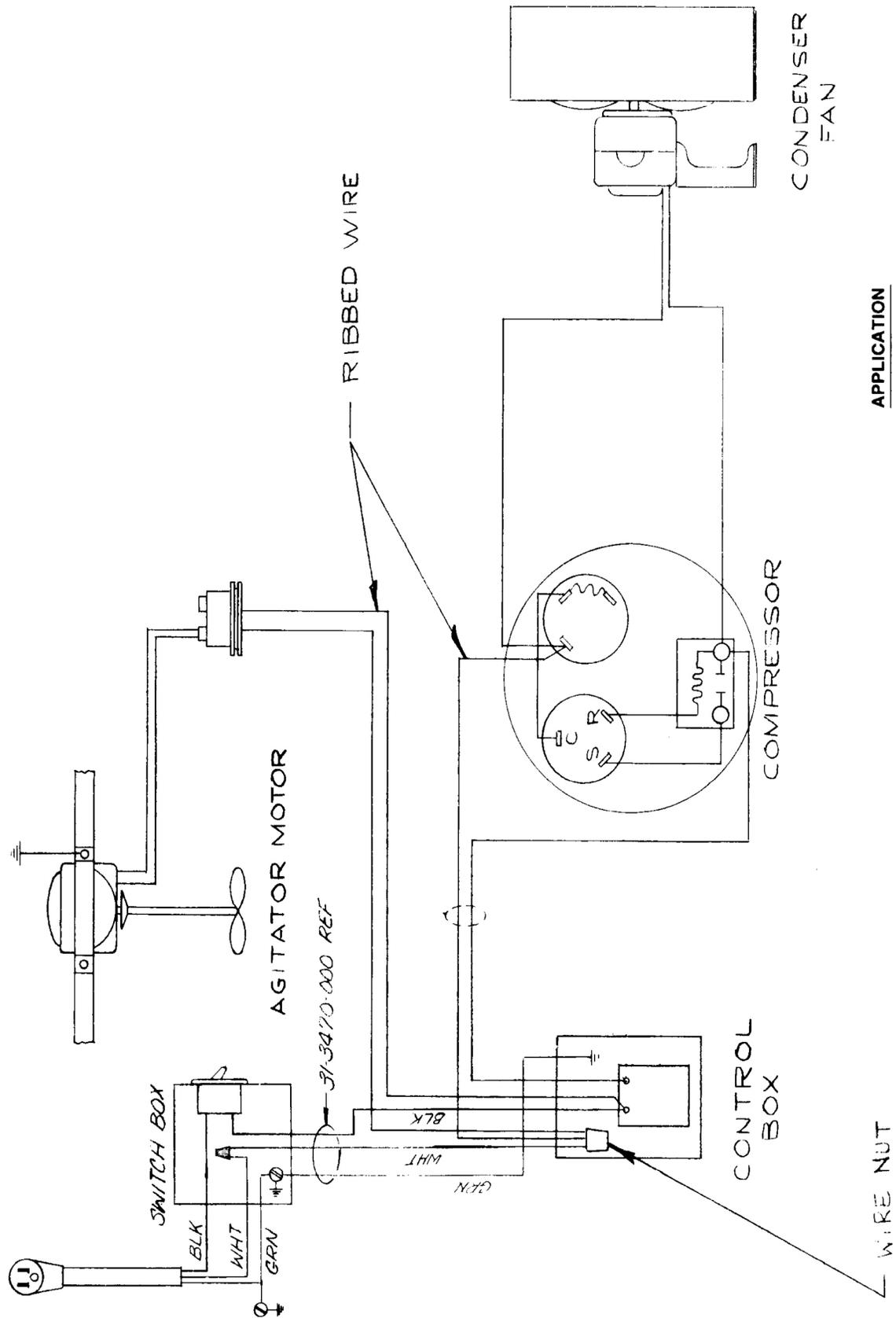
To avoid electrical shock even after electrical power has been disconnected from unit, run capacitor must be discharged by momentarily shorting the capacitor terminals together using an insulated screwdriver.

5. If control box contains a run capacitor, discharge the capacitor by shorting the terminals together using an insulated screw driver.
6. Remove old ice bank control from inside control box.



7. Tap electrical wires connected to old ice bank control for identification, then disconnect wires from control.
8. Remove old ice bank control sensing bulb from coil rack retainer. NOTE WHERE EXCESS CAPILLARY TUBE IS COILED AND INSTALL NEW CAPILLARY TUBE IN SAME WAY.
9. Pull capillary tube from inside evaporator tank down through hole to inside of unit. Remove old ice bank control from inside unit.
10. Route end of new ice bank control capillary tube through control box to inside of evaporator tank. BE VERY CAREFUL NOT TO KINK CAPILLARY TUBE DURING INSTALLATION AND MAKE SURE TUBE IS NOT IN CONTACT WITH MOVING PARTS.
11. Place capillary tube sensing bulb in coil rack retainer.
12. **Ice bank control electrical wires with eyelet terminals.**
 - A. Install ELECTRICAL CONNECTORS (Item 1) on ICE BANK CONTROL (Item 3) terminals.
 - B. Connect electrical wires, with eyelet terminals, to electrical terminals installed on ice bank control. Tighten screws securely. MAKE SURE WIRES ARE CONNECTED TO PROPER ICE BANK CONTROL TERMINALS AS SHOWN IN APPLICABLE WIRING DIAGRAM.
- Ice bank control wires with push-on terminals.**

Connect electrical wires push-on terminals directly to ice bank control terminals. MAKE SURE WIRES ARE CONNECTED TO PROPER ICE BANK CONTROL TERMINALS AS SHOWN IN APPLICABLE WIRING DIAGRAM.
13. Install MOUNTING BRACKET (item 2) on ice bank control. Secure bracket to control with MACHINE SCREWS (item 4).
14. Install ice bank control inside control box as shown in applicable Figure 1 or Figure 2. Secure control with MACHINE SCREW (item 5).
15. Install control box cover, unit top cover, and grille on unit.
16. Plug unit power cord into electrical outlet.
17. Test run and observe unit for proper operation.



APPLICATION
 284845 Universal 1250 Four-Flavor Pre-Mix Unit
 (see Figure 1 for electrical control box)

Figure 4. Wiring Diagram

