

# INSTALLATION INSTRUCTIONS FOR REMOTE ICE LEVEL LIGHT (P/N 2100)

Read and understand these instructions thoroughly before installing this kit. Retain these instructions as part of your equipment manual.

1. Check contents of the kit before proceeding. The kit contains the following parts.

**Table 1. Loose Shipped Parts**

Item No.	Part No.	Name	Qty.
1	32266	Remote Light Fixture	1
2	21991	Thermostat Bulb Tube	1
3	31001	Thermostat	1
4	50309	Amaclear Hose, 4-1/2 inches Long	1
5	50455	Rubber Grommet	1
6	32275	Blue 16 gauge Jumper	1
7	50573	Snap Bushing	1
8	70178	Screw, Phil Truss Hd; 8-32 by 1/2-inch Long	2
9	50456	Nylon Wire Clamp	1
10	70173	Thumb Screws, 8-32 by 3/4-inch Long	2
11	32276	Blue 16 gauge Jumper	1
12	32376	120 VAC Lamp, Red	1
13	91170	Label, Wiring Diagram	1
14	91192	Installation Instructions	1



## **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.**

## **Tools needed:**

- Phillips Screwdriver
  - Electric Drill
  - 7/32-inch Drill Bit
  - 1/4-inch Drill Bit
2. Remove upper panel of the Remcor dispenser and locate the electric control box in the upper right-hand corner. Mount the Thermostat (P/N 31001) with the screws (P/N 70178) as shown in Figure 1.

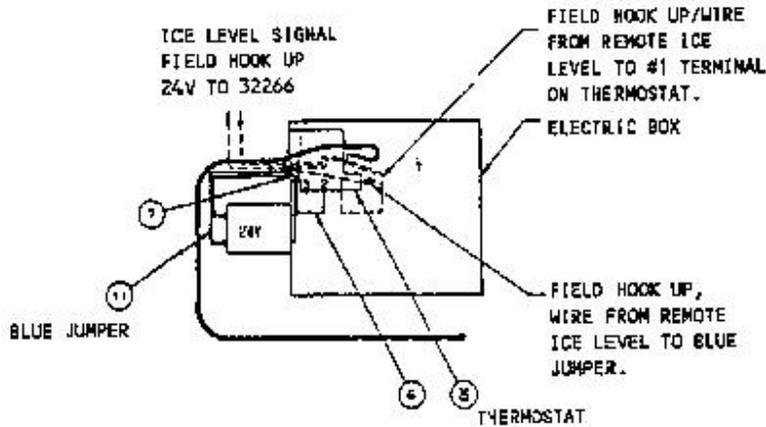


Figure 1.

3. Drill a 7/32-diameter thermostat bulb entrance hole through the foam and front of the hopper. Locate the hole 8-1/2 inches from the top of the hopper and 2-3/8 inches from the side wall of the hopper (from inside the hopper).

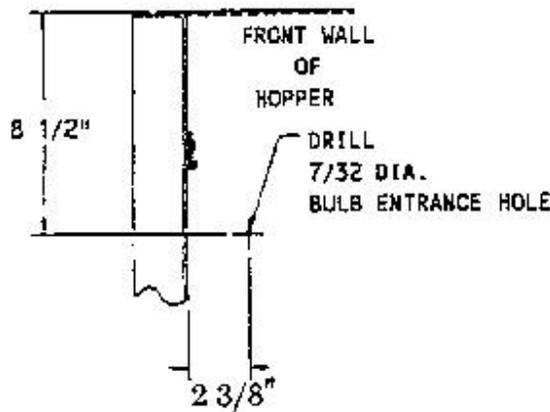


Figure 2.

4. Drill two 1/8-inch diameter bulb mounting screw holes on the right-side of the inside of the hopper and 3-inches from front of the hopper.

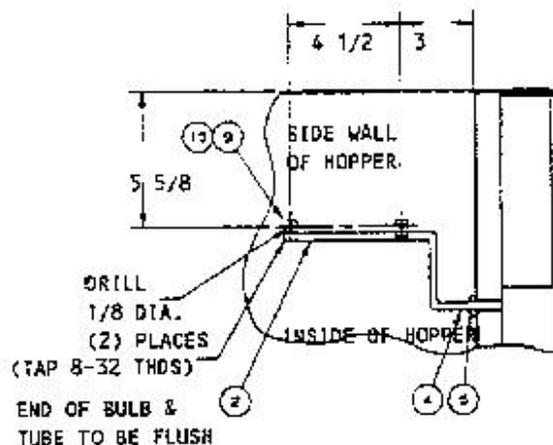


Figure 3.

5. Mount rubber grommet (P/N 50455) in thermostat entrance hole and mount capillary tube with clamps (P/N 50456).

6. Insert thermostat bulb in capillary tube.
7. Mount remote ice level signal in a convenient location.

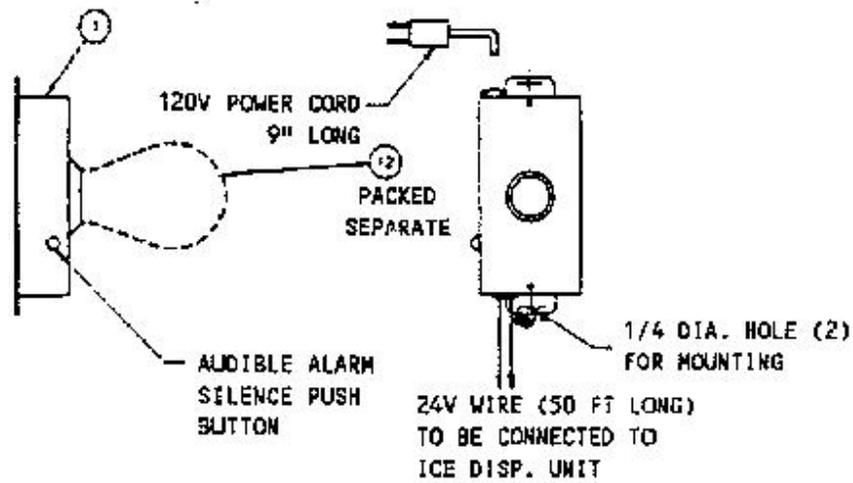


Figure 4.

8. Connect 120 VAC power cord to a convenient outlet. Route 24 volt wire (50-feet in length) to electric box on the dispenser.
9. Install snap bushing (P/N 50572) in left side of the electric box to protect the wiring.
10. Hook one side of the blue jumper (P/N 32276) to 24 volt transformer and one side to one of the remote light fixture 24 volt leads.
11. Hook one side of the blue jumper (P/N 32275) to 24 volt transformer and one side to terminal (2) on the thermostat.

Hook second 24 volt lead from remote light fixture to terminal (1) on the thermostat.

When operating properly, the alarm and/or light will come on when the ice is below the sensor (thermostat) level. It should go off when the ice is above the sensor. The valves should operate at all times. This is only a warning device, not a shut off.

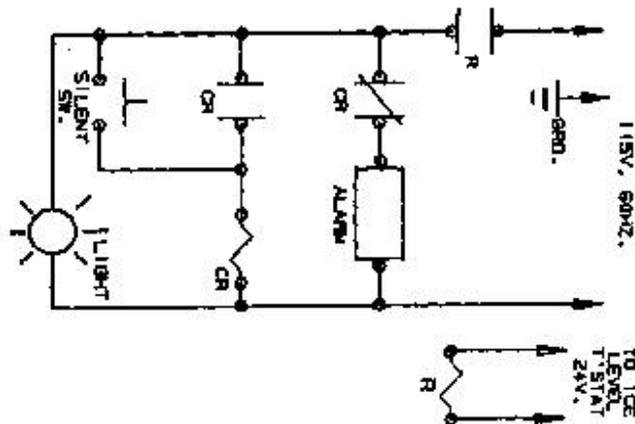


Figure 5. Wiring Diagram