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Instruction Sheet

Subject: Universal Ice Level Management

ELECTRONIC THERMOSTAT INSTALLATION

Part Number	Description	Quantity
00219483	Temperature Control	1
1000427	Wire Tie Small	2
5008642	Electric cord 120V	1
5011940	Screw 8-32 x .50	2
5028735	Wiring Harness	1
5028736	SS Bracket	1
5028737	Plastic Bracket	1
5029406	Instructions	1



Figure 1

NOTE: The ice Management control is supplied with a 120 volt plug. If your power supply is 220 volt you will need a cord with a 220 volt plug (not supplied).

THERMOSTAT WIRING & SETUP

Refer to the instructions included with the controls for any of the following wiring or adjustments.

- **Cube ice machines** - the machines use the factory control settings. The controller has a one-minute time delay anytime power is interrupted and restored.

NOTE: Manitowoc cube ice machines are wired in series with the bin switch.

- **Nugget ice machines** - the control must be reset from the factory setting. Refer to the jumper and control settings.

Manitowoc Nugget Ice machines are wired in series with the bin thermostat.

CUBED ICE MAKERS INSTALLATION

NOTE: If an ice machine is already installed on the dispenser, raise and support the right side of the ice maker to allow adequate access to hang the Thermostat Bulb bracket on the inside of the dispenser bin.

1. Attach the Ice Level Sensing Bulb to the underside of the plastic insulator on the Thermostat mounting bracket with two plastic straps. Assure the thermostat probe is securely attached to the plastic insulator on the Bulb Housing! This prevents ice from setting on sensing bulb and keeping the unit off. (See Figure 2)



Figure 2

NOTE: Bracket is not used with Nugget ice machines.

> **⚠ Caution**
> **Flake ice is not approved for use in ice dispensers.**

2. Wipe and dry the stainless liner wall where the bracket is to be installed. Peel the tape off bracket side and adhere the double face tape to the back side of the bracket (See Figure 3)

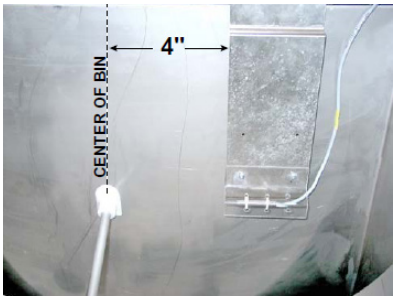


Figure 3

3. Locate the thermostat bulb assembly on the right side of the back wall approximately 4" to the right of the inside right side wall or 4" forward of the inside of the back wall. Place the bracket over the back or side wall and allow it to hang down and then peel the tape off the other side and firmly press the bracket to the wall. (See figure 3 for corresponding dispensers.)
4. Route the probe lead out at the right rear corner of the dispenser and pull the excess wire from the lead to the outside of the bin.
5. Carefully remove the support from underneath the ice machine and lower the ice machine into position on top of the dispenser.
6. Remove one wire from the designated shut off device, bin stat, toggle switch or curtain switch wire. Attach one wire to one of the output terminals Attach the other wire from the other output terminals to the spade terminal of the shut off control.

Contact the manufacture of the ice machine being used for correct wiring connections to the ice machine\nugget maker on/off control.

NUGGET ICE MACHINES INSTALLATION

NOTE: If an ice machine is already installed on the dispenser, raise and support the right side of the ice maker to allow adequate access to hang the Thermostat Bulb bracket on the inside of the dispenser bin.

1. Attach the thermostat bulb assembly on the front of the dispenser. See figure 4A and 4B

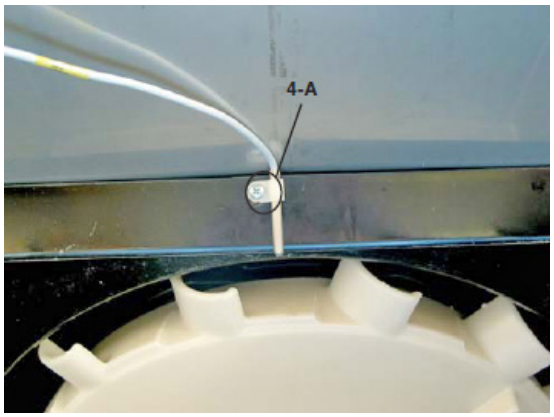


Figure 4A



2. Route the probe lead out at the right rear corner of the dispenser and pull the excess wire from the lead to the outside of the bin.
3. Carefully remove the support from underneath the ice machine and lower the ice machine into position on top of the dispenser.
4. Remove one wire from the designated shut off device, bin stat, toggle switch or curtain switch wire. Attach one wire to one of the output terminals Attach the other wire from the other output terminals to the spade terminal of the shut off control.

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SETTING CONTROL SET POINT VALUE

To program the Ice Thermostat, plug the120V power cord into an outlet and follow the steps below to program the Ice Thermostat, plug the120V power cord into an outlet and follow the steps below.

1. The Ice Thermostat set point is to be set at 38° Fahrenheit with a 2° differential.
2. Setting the Set Point at 38°
   A. Press and hold the Menu button until the display changes to flashing “SP”. This will take about 2 seconds.
   B. Press the Menu button again. The current set point is displayed.
   C. Press the Up or Down button to adjust the set point temperature.
   D. Press the Menu button to save. The display then returns to the sensor temperature.
3. Setting the Differential at 2°
   A. Press and hold the Menu button until the display changes to flashing “SP”. This will take about 2 seconds.
   B. Press the Up or Down button until the “DIF” function is displayed.
   C. Press the Menu button to display the function’s current value.
   D. Press the Up or Down button until the desired value is displayed.
   E. Press the Menu button to save the new value. The display then returns to the sensor temperature.