MANITOWOC ICE
2110 SOUTH 26TH STREET, MANITOWOC, WI 54220
800.545-5720
WWW.MANITOWOCICE.COM

Instruction Sheet

Subject: NEO Thermistor Retrofit Kit 000015586

INSTALLATION REQUIRES CONTROL BOARD 040005161

This kit is used with control board 040005161 to install a thermistor, which will enable the control board to monitor the water trough temperature. After installation the control board will delay the water pump during the freeze cycle, which results in an additional pre-chill cycle.

NOTE: Control board 040002007 does not have the terminal required to connect the thermistor; the control board must be replaced with 040005161 before installing this kit.

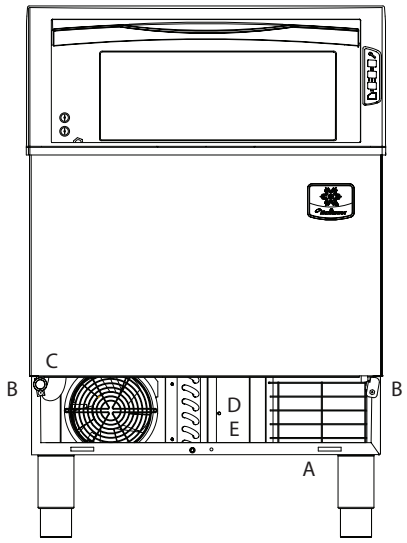
⚠Warning

Authorized Service Representatives are obligated to follow industry standard safety procedures, including, but not limited to, local/national regulations for disconnection / lock out / tag out procedures for all utilities including electric, gas, water and steam.

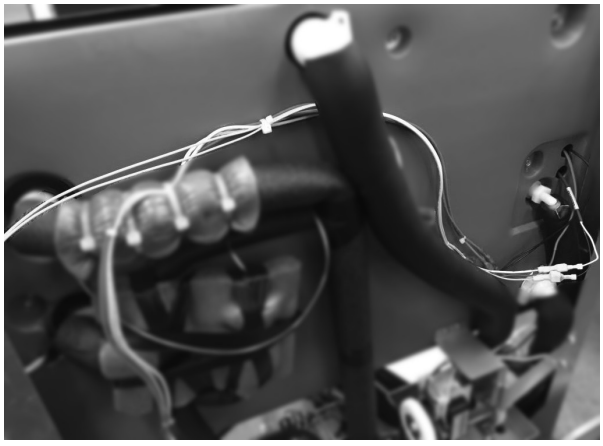
⚠Warning

Disconnect electric power to the ice machine at the electric switch box before proceeding. Failure to disconnect the power at the main power supply disconnect could result in serious injury or death. The power switch DOES NOT disconnect all incoming power

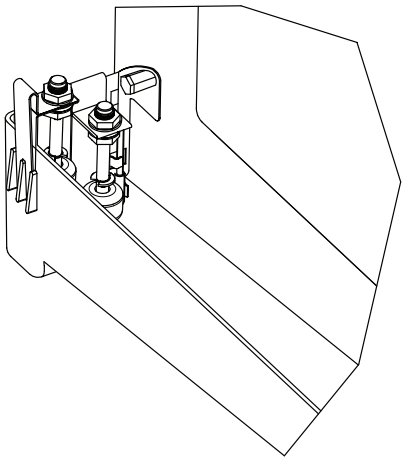
1. Disconnect electric power at the main power disconnect.
2. Remove all ice from bin.
3. Remove Bin:
   - A. Remove air filter and louver from lower front of machine.
   - B. Loosen screws and rotate clips to release bin from base.
   - C. Disconnect clamp and remove bin drain.
   - D. Remove control box panel.
   - E. Remove communication cable from control board.
   - F. Remove rear cover.
   - G. Slide bin forward and remove.



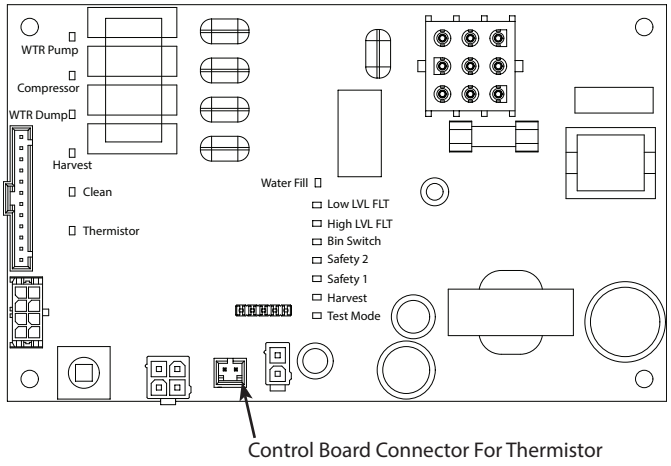
4. Route and secure the thermistor wiring harness from the control board to the float valve grommets. Run thermistor wiring harness with the float valve wiring harness and secure with existing and supplied fasteners. Allow enough slack to pull connectors into evaporator compartment to disconnect the thermistor for cleaning.



5. Route thermistor wire through lower grommet and attach to wiring harness.
6. Remove water trough thumbscrew and place thermistor bracket against bulkhead and secure with thumbscrew.



7. Connect thermistor harness to control board terminal.



8. Reinstall bin by reversing items in step 3.

NOTE: When reinstalling the bin, ensure the bin seal is in place and is not pinched/folded as it mates to the cabinet. A watertight seal is required to prevent future condensation or water leakage from entering the ice machine base.

9. Reconnect power and test run the ice machine to verify correct operation.