Q-1300/Q-1800 50 Hz. Wiring Kit, 76-0249-3

Installation Instructions

This kit is for Q-1300 and Q-1800 model ice machines manufactured before September 2002 (020900000). Ice machines manufactured during/after September 2002 do not require this kit.

Ice machines that have a black terminal block connecting the supply voltage wires do not require this kit.
Inspect ice machine and supply wiring for signs of overheating from a poor electrical connection.

A. Verify supply wire to the ice machine is correctly sized and in good condition. If supply wire is incorrectly sized, notify owner of equipment that a repair is needed.
B. If the supply wire is correctly sized but shows signs of overheating, trim the insulation and wire back to a good area.

NOTE: Remote models only - Do not remove the white terminal block for remote condenser fan - inspect wiring and tighten, if needed.

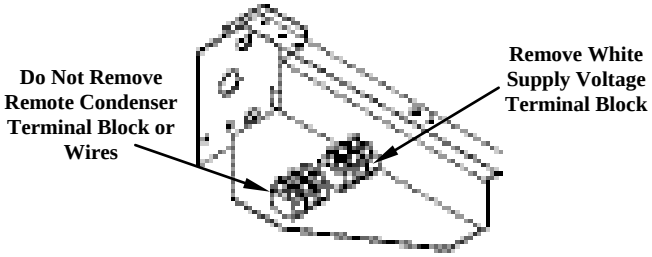
C. 3 phase instructions are on the reverse side of this sheet.

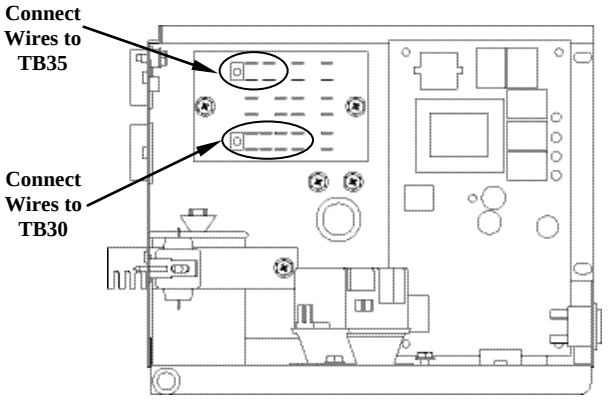
Single Phase Models

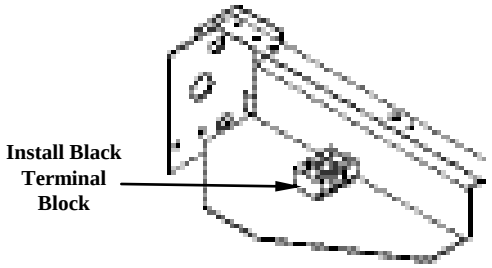
1. Disconnect power to ice machine at electrical disconnect or breaker panel.
2. Remove front, top, right, and control box panels.
3. Remove existing white incoming supply voltage terminal block.
4. Remove L3 wire from new wiring harness and discard.
5. Remove ice machine supply wires from TB30 and TB35 on terminal board.
6. Route wires through Heyco fitting to original terminal board location.
7. Install new ice machine wiring harness (L1, L2) on terminal board contacts TB30 and TB35.
8. Mount black terminal block with screws provided. Use black terminal block as a template. Place screw in existing terminal block hole (right side) and then mark and drill (2 mm bit) the additional hole.
9. Connect ice machine wires to new terminal block and tighten securely.
10. Install shield - place shield over terminal block. Use supplied self-drilling screw to secure.
11. Replace panels and test run ice machine.
12. Return the white terminal block to your distributor.

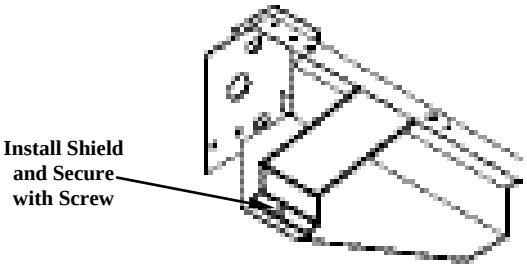
To Receive Credit You Must:

- Return the white terminal block to your distributor to receive credit for this kit.
- Complete a Manitowoc Warranty Labor Claim form to receive credit for one hour of labor.









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Web Site - www.manitowocice.com

Three Phase Models

1. Disconnect power to ice machine at electrical disconnect or breaker panel.
2. Remove front, top, right, and control box panels.
3. Remove existing white incoming supply voltage terminal bock.
4. Remove ice machine supply wires from contactor.
5. Install new ice machine wiring harness (L1, L2, L3) on contactor contacts.
6. Route wires through Heyco fitting to original terminal block location.
7. Mount black terminal block with screws provided. Use black terminal block as a template. Place screw in existing terminal block hole (right side) and then mark and drill (2 mm bit) the additional hole.
8. Connect ice machine wires to new terminal block and tighten securely.
9. Install shield - place shield over terminal block. Use supplied self-drilling screw to secure.
10. Replace panels and test run ice machine.
11. Return the white terminal block to your distributor.

To Receive Credit You Must:

- Return the white terminal block to your distributor to receive credit for this kit.
- Complete a Manitowoc Warranty Labor Claim form to receive credit for one hour of labor.

