Q-1300/1800 60 Hz Wiring Kit 76-0248-3

Installation Instructions

This kit is for Q-1300/Q-1800 model ice machines manufactured before September 2002 with serial numbers before 020900000. Ice machines manufactured during/after September 2002 with serial numbers of 020900000 or greater do not require this kit.

Ice machines that have wire nuts 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.

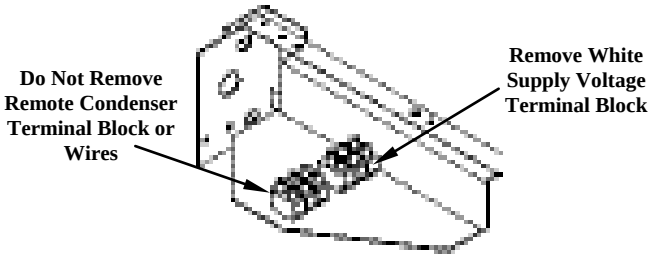
C. 3 phase instructions are on the reverse side of this sheet.

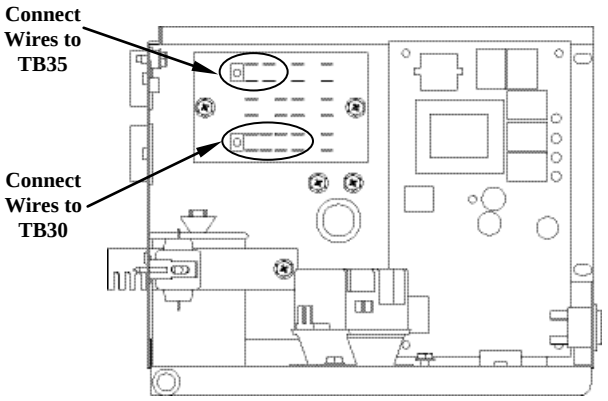
Single Phase Models

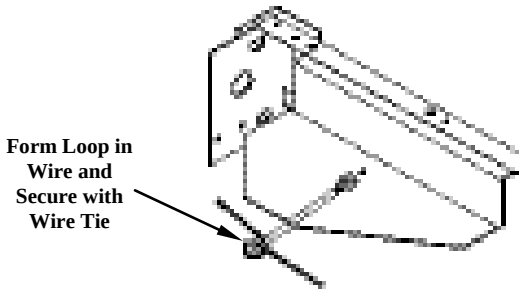
1. Disconnect power to ice machine at electrical disconnect or breaker panel.
2. Remove front, top, right, and control box panels.
3. Remove existing white incoming power terminal block - retain one screw to secure wire tie/strain relief.
4. Remove L3 wire from new wiring harness and discard.
5. Remove ice machine supply wires fromTB30 and TB35 on terminal board (**do not remove ground wire**).
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 enclosed wire tie at original terminal block location with screw removed in step 3.
9. Form a strain relief in the ice machine wire - loop the wire and retain with wire tie.
10. Connect ice machine wires to supply voltage (and ground) wires with the included red wire nuts.
11. Install shield; Place shield over wire nuts at original terminal block location. Use supplied self-drilling screw to secure.
12. Replace panels and test run ice machine.
13. Return the white terminal block to your distributor.

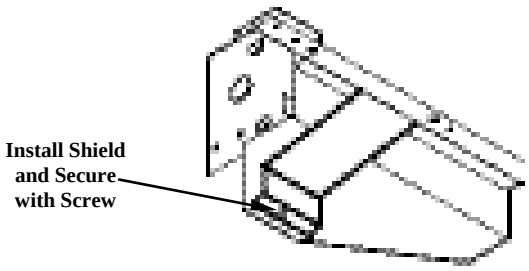
To Receive Credit You Must:

- Complete a Manitowoc Return Material Tag (USA and Canada Only) and attach it to the white terminal block 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 block - retain one screw for reinstallation.
4. Remove ice machine supply wires from contactor terminals (do not remove ground wire).
5. Route wires through Heyco fitting to original contactor terminal location.
6. Install new ice machine wiring harness (L1, L2, L3) on contactor terminals.
7. Mount enclosed wire tie at original terminal block location with screw removed in step 3.
8. Form a strain relief in the ice machine wire - loop the wire and retain with wire tie.
9. Connect ice machine wires to supply voltage (and ground) wires with the included red wire nuts.
10. Install shield - place shield over wire nuts at original terminal block location. Use supplied self-drilling screw to secure.
11. Replace panels and test run ice machine.
12. Return the old white terminal block to your distributor.

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