

# INSTALLATION INSTRUCTIONS

## WCC2000-RQT

### Compressor Time Delay Installation

This time delay is designed to allow the gear motors to run for two minutes prior to the compressor starting. This allows the gear motor to get to a running condition before the compressor starts.

**NOTE: The main contactor locations are labeled on the face of the main contactor.**

1. Disconnect power to the unit.
2. Install the time delay relay and the new contactor in the electric box in front of the main contactor with the screws provided. The timer should be located to the right of the contactor.
3. Remove the two black wires from the main contactor at 5L3. Connect both of these wires to one pole on the left side of the new contactor.
4. Connect the new 12-inch long black lead wire included in the kit to the main contactor at 5L3. Connect the other end of this wire to the input (line) side of the time delay relay.
5. Connect the new 5-inch long black lead wire included in the kit to the load side of the time delay relay. Connect the other end of this wire to one side of the coil on the new contactor.
6. Connect the new 6-inch long red lead wire with a piggyback connection that is included in the kit to the other side of the coil on the new contactor. Connect the other end of this wire with the piggyback connection to the main contactor at 3L2.
7. Remove a black wire from the main contactor at 6T3. Connect the piggyback connector on the new 9-inch long black lead wire included in the kit to the open lug at 6T3. Re-install the other black wire onto the piggyback connector. Connect the other end of this wire to the opposite pole on the right side of the new contactor.
8. Check to ensure that the timer is set for two minutes and that the gear motors start and run for two minutes before the compressor comes on.

### Right Gear Motor Wiring Installation

The current wiring in this unit results in the right gear motor drawing more current than the left gear motor. This can result in occasional tripping of the right gear motor.

**NOTE: The main contactor locations are labeled on the face of the main contactor.**

1. Disconnect power to the unit.
2. Locate the splice containing a red wire from the main contactor at 1L1, a red wire to the run capacitor, and a red wire to the plug connection for the right gear motor.
3. Cut all three wires from the splice. Remove the red wire from the main contactor at 1L1 and discard it. Strip the ends of the remaining red wires approximately 3/8".
4. Use a twist on wire connector to connect one of the 6-inch long red lead wires with a stripped end that is included in the kit to each end of the remaining red wires.
5. Connect the new red lead wire that goes to the plug connection for the right gear motor to the main contactor at 1L1.
6. Connect the new red lead wire that goes to the run capacitor to the piggyback connector at the main contactor at 3L2.
7. Check to ensure that the icemaker is performing properly.

### Gear Motor Shield Installation

A new shield has been designed to prevent moisture from entering and damaging the gear motor windings.

1. Remove the two screws holding the shield to the gear motor and save the screws.
2. Carefully remove the old shield from the gear motor leaving the spacers in place on the motor.
3. Install the new shield onto the motor.
4. Repeat this procedure for the other gear motor.