

120 VOLT RELAY KIT

Model: RJR-6



This device **MUST** be installed by a qualified installer in accordance with the manufacturer's installation instructions. Wiring **MUST** be in accordance with the National Electrical Code and applicable local codes.

ITEMS SUPPLIED WITH THIS KIT

- 1- 120 Volt Relay
- 1- Relay Base
- 2- #8 Sheet Metal Screw
- 2- 5" Black Wire Leads
- 2- 5" Blue Wire Leads
- 1- Retaining Wire

READ THESE INSTRUCTIONS CAREFULLY AND COMPLETELY BEFORE PROCEEDING WITH THE INSTALLATION.

This device **MUST** be installed by a qualified agency in accordance with the manufacturer's installation instructions. The definition of a qualified agency is: any individual, firm, corporation or company which either in person or through a representative is engaged in, and is responsible for, the installation and operation of HVAC appliances, who is experienced in such work, familiar with all the precautions required, and has complied with all the requirements of the authority having jurisdiction.

Please retain these instructions after installation.

Installed By: _____ Phone: _____ Installation Date: _____



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INSTALLATION

CAUTION: Disconnect electrical power when wiring relay.

1. Remove square knockout in side of power venter, draft inducer, or Control Kit electrical box.
2. Install wires into relay terminal base. Connect the two (2) blue wires to the terminals marked "A" and "B"; and the two (2) black wires to the terminals "5" and "7". (See Figure 1) Check terminals before installing relay base into electrical box to assure that the wires are connected properly.
3. Install relay base with wires into the square knockout in the electrical box using the two (2) self-tapping screws.
4. Wire relay base into power venter circuit according to wiring Diagram A. The blue wires (connected to the terminals "A" and "B" on the relay base) connect to the 120 VAC thermostat circuit. The black wires (connected to terminals "5" and "7" on the relay base) connect to the 120 VAC line voltage supply to the venter motor. NOTE: When used with a CK-61 Control Kit and an electronic primary control, such as a Phelon, refer to Diagram B.
5. Install relay by pushing relay into relay base and secure it with retaining wire.
6. After installation, re-connect electrical power and follow appliance manufacturer's instruction to light appliance. Adjust appliance thermostat to call for heat and let the appliance cycle 2 to 3 times to assure proper operation.

Please refer to the Power Venter or Draft Inducer Owner's Manual or consult the factory for complete system installation, safety instruction, and other wiring diagrams.

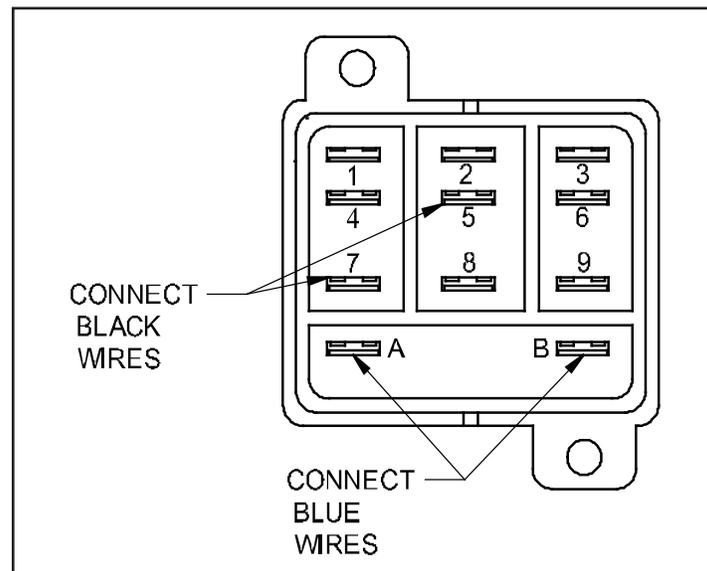


Figure 1

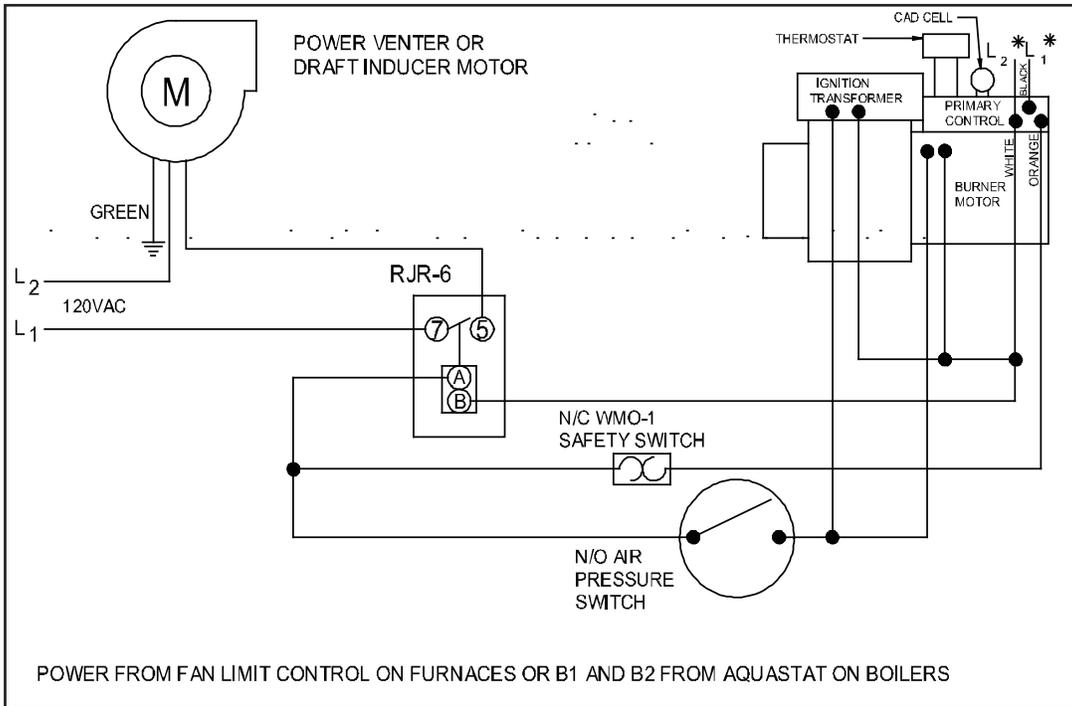


Diagram A

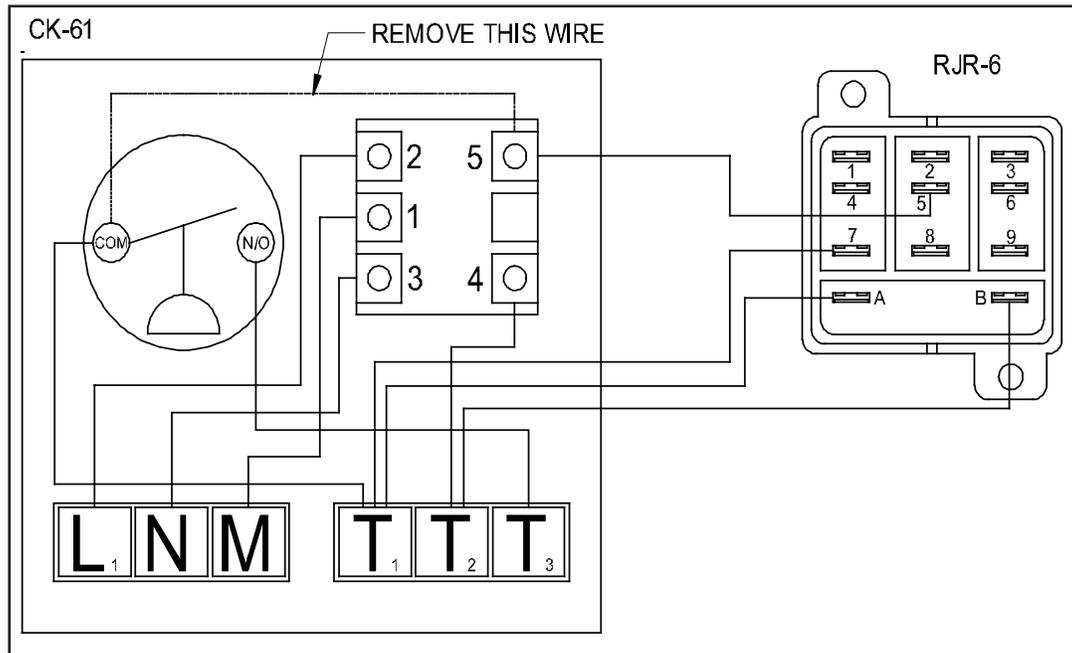


Diagram B

WARRANTY

For warranty about this or any Field Controls product, visit:
www.fieldcontrols.com/warranty



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