

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.

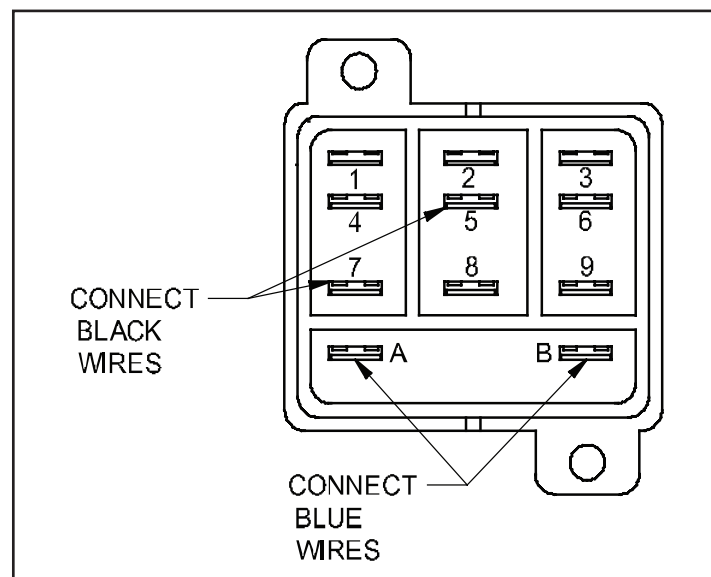


Figure 1

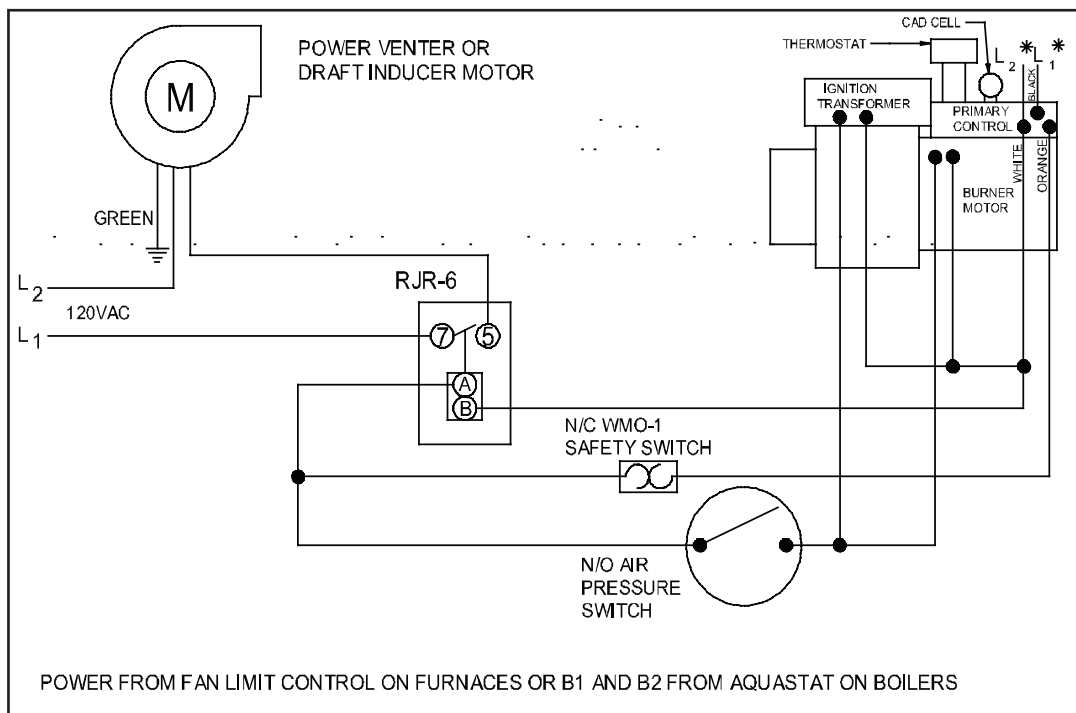


Diagram A

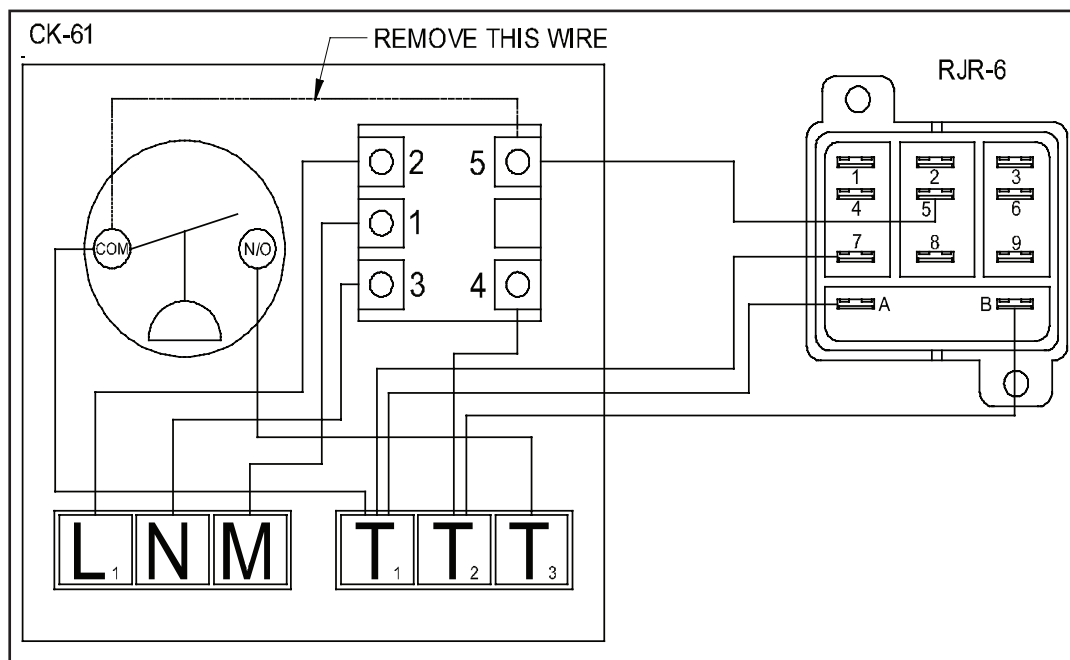


Diagram B

LIMITED WARRANTY

Field Controls, LLC ("Company") warrants that its products shall be free from defects in material and workmanship under normal use for the limited period indicated, **from the date of manufacture, subject to the provisions 1-8 below.**

Eighteen (18) months

All Field Controls Products (except for those listed below as 5 years or 90 days).

Five (5) years

Field Controls Direct Vent Systems (FDVS), Field Oil Vent Kits (FOVP), and ComboVents (CV).

Field Controls warrants that the products listed below shall be free from defects in material and workmanship under normal use for the limited period indicated, **from the date of purchase by the consumer, subject to the provisions 1-8 below.**

Ninety (90) days

UV lamps/bulbs

Provisions:

1. During the limited warranty period, Company, or its authorized service representative, will repair or replace, at Company's option, without charge, a defective Product. Product that is repaired may be repaired with new or refurbished replacement parts. Product that is replaced may be replaced with a new or refurbished product of the same or similar design. Company will return repaired or replacement Product to customer in working condition. Labor charges are not covered as part of the limited warranty.
2. With regard to UV lamps/bulbs, customer shall be required to include a "valid proof of purchase" (sales receipt) identifying the Product purchased (Product model or accurate date code information) and the date the Product(s) was purchased.
3. Product whose warranty/quality stickers, Product serial number plates or electronic serial numbers have been removed, altered or rendered illegible shall not be covered under the limited warranty.
4. Defective Product must be returned to Company, postage prepaid.
5. IN NO EVENT SHALL COMPANY BE LIABLE FOR ANY INDIRECT, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR SIMILAR DAMAGES (INCLUDING, BUT NOT LIMITED TO, LOST PROFITS OR REVENUE, INABILITY TO USE PRODUCT, OR OTHER ASSOCIATED EQUIPMENT, THE COST OF SUBSTITUTE EQUIPMENT, AND CLAIMS BY THIRD PARTIES) RESULTING FROM THE USE OF PRODUCT. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.
6. THIS WARRANTY AND REMEDIES ARE EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, REMEDIES AND CONDITIONS, WHETHER ORAL, WRITTEN, EXPRESS, STATUTORY OR IMPLIED. TO THE EXTENT PERMITTED BY LAW, COMPANY DISCLAIMS ALL IMPLIED AND STATUTORY WARRANTIES, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.
7. Company makes no warranty of any kind in regard to other manufacturer's products distributed by Company. Company will pass on all warranties made by the manufacturer and where possible, will expedite the claim on behalf of the customer, but ultimately, responsibility for disposition of the warranty claim lies with the manufacturer.
8. Product that has been subjected to misuse, accident, shipping or other physical damage, improper installation or application, abnormal operation or handling, neglect, fire, water or other liquid intrusion are not covered by the warranty.



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