THE FIELD CONTROLS COMPANY

MODEL RJR-7 MULTIPLE PROVING SWITCH RELAY:

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.

The RJR-7 Relay is designed for proving draft in up to three appliances. It should be used in conjunction with either the RJR-30 or RJR-31 Relay Kits.

ITEMS SUPPLIED WITH THIS KIT:

1 - 120 Volt 3PDT Relay
1 - Relay Base
2 - #8 Sheet Metal Screw
6 - 5-inch Black Wire Lead
2 - 5-inch Blue Wire Lead
1 - Retaining Wire

INSTALLATION PROCEDURE:

CAUTION: DISCONNECT ELECTRICAL POWER WHEN WIRING RELAY.

1. Remove square knockout in side of power venter or draft inducer electrical box.

2. Install wires onto relay terminal base. Connect the two (2) blue wires to the terminals marked A and B. The black wires must be connected in wire sets, connect in the terminal combinations 4 - 7, 5 - 8 and 6 - 9 depending on the number of appliances being controlled (See Figure 1).

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 or B.

5. Install relay by pushing relay into relay base and secure it with retaining wire.

6. After installation, re-connect electric power and follow appliance manufacturer's instruction to light appliances. Adjust each of the appliance's thermostats separately to call for heat and let the appliance cycle 2 to 3 times to ensure proper operation.

Please refer to the OWNER'S MANUAL or consult factory for complete system installation and safety instruction, multiple venting systems, trouble shooting hints and maintenance instruction.