

Installer's Guide

Pressure Transducer EMI Protection Kit

KIT 16724

ALL phases of this installation must comply with NATIONAL, STATE AND LOCAL CODES

IMPORTANT—This Document is **customer property** and is to remain with this unit. Please return to service information pack upon completion of work.

⚠ WARNING: HAZARDOUS VOLTAGE - DISCONNECT POWER and DISCHARGE CAPACITORS BEFORE SERVICING

⚠ WARNING

This information is intended for use by individuals possessing adequate backgrounds of electrical and mechanical experience. Any attempt to repair a central air conditioning product may result in personal injury and/or property damage. The manufacture or seller cannot be responsible for the interpretation of this information, nor can it assume any liability in connection with its use.

⚠ WARNING

LIVE ELECTRICAL COMPONENTS!
During installation, testing, servicing, and troubleshooting of this product, it may be necessary to work with live electrical components. Failure to follow all electrical safety precautions when exposed to live electrical components could result in death or serious injury.

Scope:

This additional EMI (Electromagnetic Interference) protection kit is developed to reduce the potential effects of EMI on the pressure transducers.

Application:

This Kit is to be used on the following outdoor condensing units that have an EEV flow control device:

- 4TWR6024-060A1
- 4TWX6024-60E1/G1
- 4A6H6024-60E1/G1
- 4A6H7024-060A1000AA
- 4TWR7024-060A1000AA
- 4TWX8024-060A1000AA

Overview:

This Kit is to be used on the specific outdoor condensing units (shown at left) that have an EEV flow control device. This Kit provides an additional EMI grounding path, to help reduce the potential interference damage that can be caused to the outdoor units' pressure transducer. Install this kit when replacing a pressure transducer on the product listed in the heading of these installation instructions.

Procedure:

1. Remove valve cover, control box cover, and access panel.
2. Using the blue wire supplied with the kit and the existing wire nut, fasten the stripped end of the blue wire to the unit's low voltage common connection (B) at the low voltage common thermostat wire connection. See Figure 1.
3. Route the ring terminal end of the blue wire along the same path as the other low voltage wires entering into the unit control box.
4. Using the screw supplied with the kit, fasten the ring terminal end of the blue wire to the control box utilizing one of the screw starting dimples in the control box. See Figure 2.
5. The ring terminal connection should be a minimum of 1/4" from any other electrical connection or terminal in the box.
6. Install all covers and panel.

Figure 1

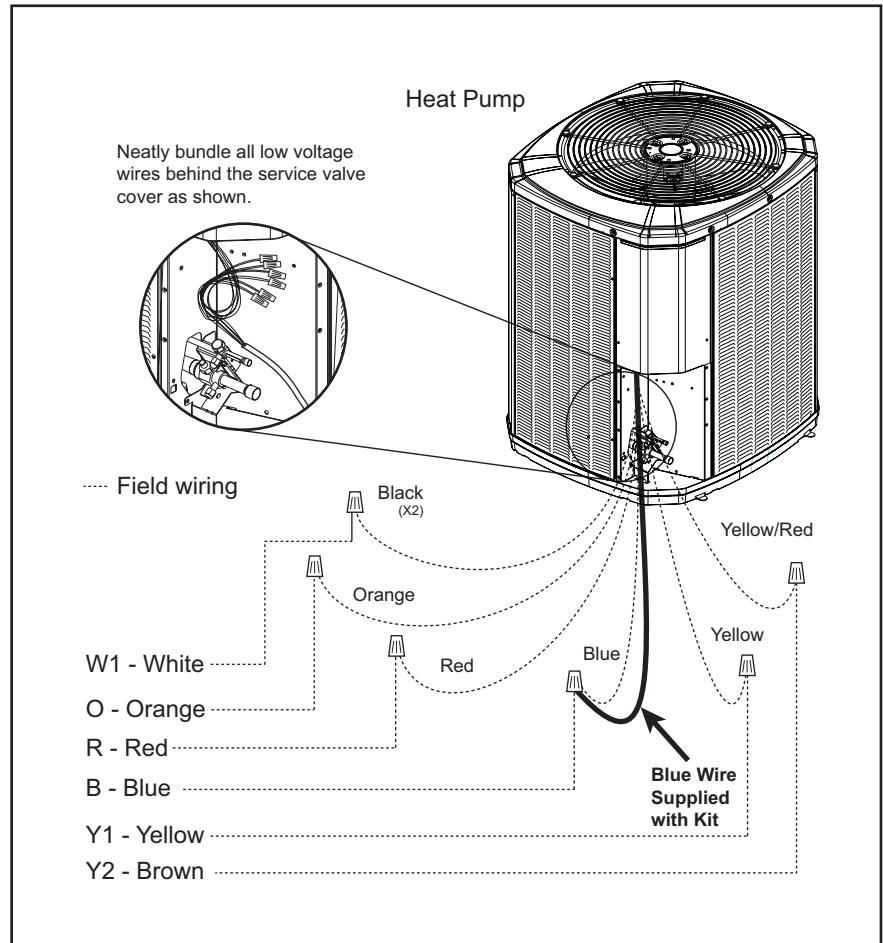


Figure 2

