

TFK01 TRANSFORMER KIT

INSTALLATION INSTRUCTIONS

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IMPORTANT SAFETY INSTRUCTIONS

It is the owner's and installer's responsibility to read and comply with all safety information and instructions. Failure to heed safety information increases the risk of personal injury, property damage, and/or product damage.



WARNING

ONLY PERSONNEL THAT HAVE BEEN TRAINED TO INSTALL, ADJUST, SERVICE OR REPAIR (HEREINAFTER, "SERVICE") THE EQUIPMENT SPECIFIED IN THIS MANUAL SHOULD SERVICE THE EQUIPMENT. THE MANUFACTURER WILL NOT BE RESPONSIBLE FOR ANY INJURY OR PROPERTY DAMAGE ARISING FROM IMPROPER SERVICE OR SERVICE PROCEDURES. IF YOU SERVICE THIS UNIT, YOU ASSUME RESPONSIBILITY FOR ANY INJURY OR PROPERTY DAMAGE WHICH MAY RESULT. IN ADDITION, IN JURISDICTIONS THAT REQUIRE ONE OR MORE LICENSES TO SERVICE THE EQUIPMENT SPECIFIED IN THIS MANUAL, ONLY LICENSED PERSONNEL SHOULD SERVICE THE EQUIPMENT. IMPROPER INSTALLATION, ADJUSTMENT, SERVICING OR REPAIR OF THE EQUIPMENT SPECIFIED IN THIS MANUAL, OR ATTEMPTING TO INSTALL, ADJUST, SERVICE OR REPAIR THE EQUIPMENT SPECIFIED IN THIS MANUAL WITHOUT PROPER TRAINING MAY RESULT IN PRODUCT DAMAGE, PROPERTY DAMAGE, PERSONAL INJURY OR DEATH.



WARNING

HIGH VOLTAGE!

DISCONNECT ALL POWER BEFORE SERVICING OR INSTALLING THIS UNIT. MULTIPLE POWER SOURCES MAY BE PRESENT. FAILURE TO DO SO MAY CAUSE PROPERTY DAMAGE, PERSONAL INJURY OR DEATH.



3. Connect associated terminals 1 and 2 to the 1 and 2 data wires from the indoor unit.
 - a. Verify 1 and 2 match polarity with the data wire connections from the indoor unit.
4. Connect R and C to the 24 VAC powersupply from the transformer.

7-PIN INSTRUCTIONS

1. Unplug and remove the convenience label from the 7-pin plug exposing the numbering (1-7) silkscreen on the connector.
2. Remove the red locking pin(s) from the rear base of Phoenix connector.
 - a. This will allow re-positioning of the 7-pin connector.
3. Move the 7-pin connector to the left so that pin 1 and 2 line up with terminal 1 and 2.
4. Connect R (24 VAC hot) to terminal 3 and C (24 VAC common) to terminal 4.
5. Connect the related wiring in the connector box to the 1 and 2 (data) from the indoor unit.
6. Connect R and C to the transformer.

HIGH VOLTAGE CONNECTIONS

1. Connect the high voltage COM connection of the transformer to the L2 or L2 OUT male spade connector near the L2 screw terminal of the control board.
2. Connect the 208 or 240 V transformer connection (dependent on incoming voltage) to the C terminal on the compressor & fan run capacitor.

SUMMARY

These instructions provide guidelines for installing the TFK01 transformer kit in applicable 2-stage air conditioners and heat pumps with either a 7-pin or 4-pin Phoenix™ connector.

4-PIN INSTRUCTIONS

1. Remove and disconnect wires from the 7-pin connector included with the equipment.
2. Plug the 4-pin connector into the four leftmost pins on the control board's connector.

