

Small Packaged Products Gas Heating/Electric Cooling Electric Heating/Electric Cooling, and Heat Pump Units 1½ to 5 Tons (50/60 Hz) Accessory Compressor Hard Start Kit

Cancels: New

IHK 582A-24-2
7/15/98

Installation Instructions

Part Number: CPHSTART001A00

NOTE: Read and become familiar with all instructions before beginning installation.

INSTALLATION

SAFETY CONSIDERATIONS

Installation and servicing of air-conditioning equipment can be hazardous due to system pressures and electrical components. Only trained and qualified service personnel should install, repair, or service air-conditioning equipment.

When working on air-conditioning equipment, observe precautions in the literature, tags, and labels attached to the unit, and other safety precautions that may apply. Be sure installation conforms to all applicable local and national codes.

⚠ WARNING

Before performing service or maintenance operations on unit, turn off main power switch to unit. If gas unit, shut off gas supply *before* shutting off main power. Electrical shock can cause personal injury or death. TAG DISCONNECT SWITCH WITH A SUITABLE WARNING LABEL.

GENERAL

Refer to Table 1 for accessory compressor hard start kit contents.

**Table 1 — Accessory Compressor
Hard Start Kit Contents**

ITEM	QUANTITY
Start Thermistor	1
Mounting Bracket	1
No. 6 Screw	1
Yellow Wire, 12-in.	1
Blue Wire, 36-in.	1
Wire Ties	3

1. Disconnect gas supply (if unit is gas model), then all power to unit.
2. Remove the 8 screws from the front access panel of the unit and remove front access panel. Save screws.
3. Using the no. 6 screw provided in kit, attach the thermistor mounting bracket to the left side of the unit control box. See Fig. 1.
4. Attach the yellow wire and blue wire from kit to each end of thermistor.
5. Snap the thermistor into the bracket mounted in Step 3.
6. Connect the other end of the yellow wire from Step 4 to terminal 23 of the compressor contactor. See Fig. 2.
7. Connect the other end of the blue wire from Step 4 to terminal H of the compressor capacitor. See Fig. 2.
NOTE: Dress wires using wire ties in kit, as needed.
8. Replace front access panel using the 8 screws removed in Step 2.
9. Restore power to unit (then gas supply if unit is a gas model).
10. Check unit operations.

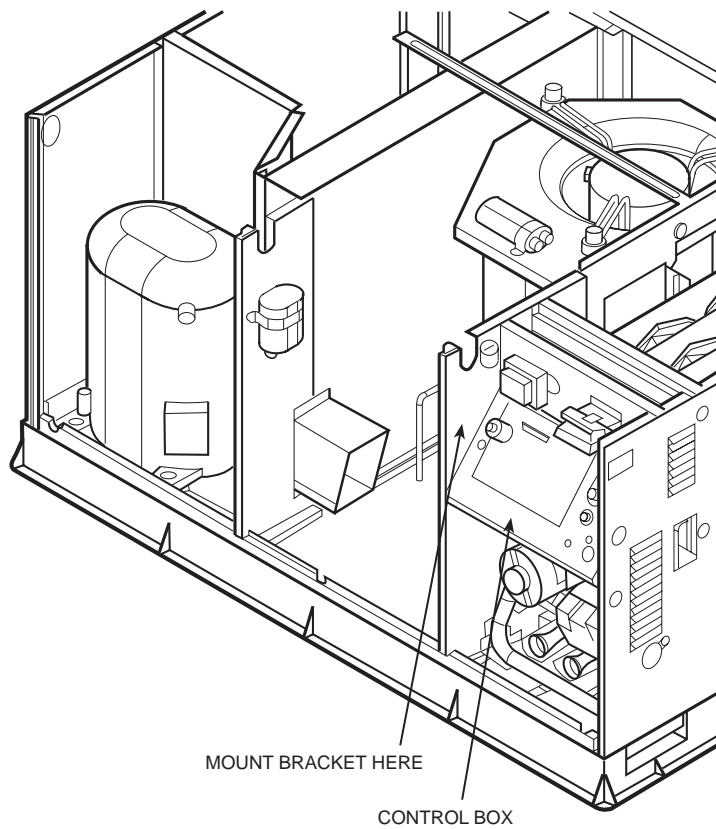


Fig. 1 — Thermistor Mounting Bracket Location (Gas Unit Shown)

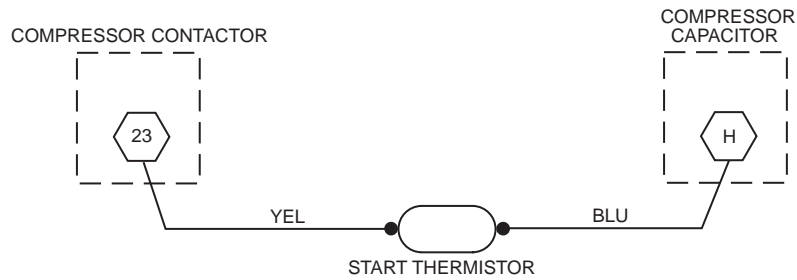


Fig. 2 — Typical Wiring