

# Installation Instructions For Accessory Compressor Hard Start Kit

**PGN3, PGD3, PGN4, PGN5, PAN3, PAD3, PAN4, PAN5  
PHN3, PHD3, PHN4, PHN5, WPG3, WPA3, WPH3 Models, 2 to 5 Ton  
Part Number: NPHSTART001A00**

NOTE: Read and become familiar with all instructions before beginning 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

### ELECTRICAL SHOCK OR EXPLOSION HAZARD

Failure to follow this warning could result in personal injury or death.

**If gas unit, shut off gas supply before shutting off main power.**

**Before installing or servicing system, always turn off main power to system. There may be more than one disconnect switch.**

Turn off accessory heater power switch if applicable. Electrical shock can cause serious injury or death. TAG DISCONNECT SWITCH(S) WITH A SUITABLE WARNING LABEL.

## GENERAL

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

TABLE 1

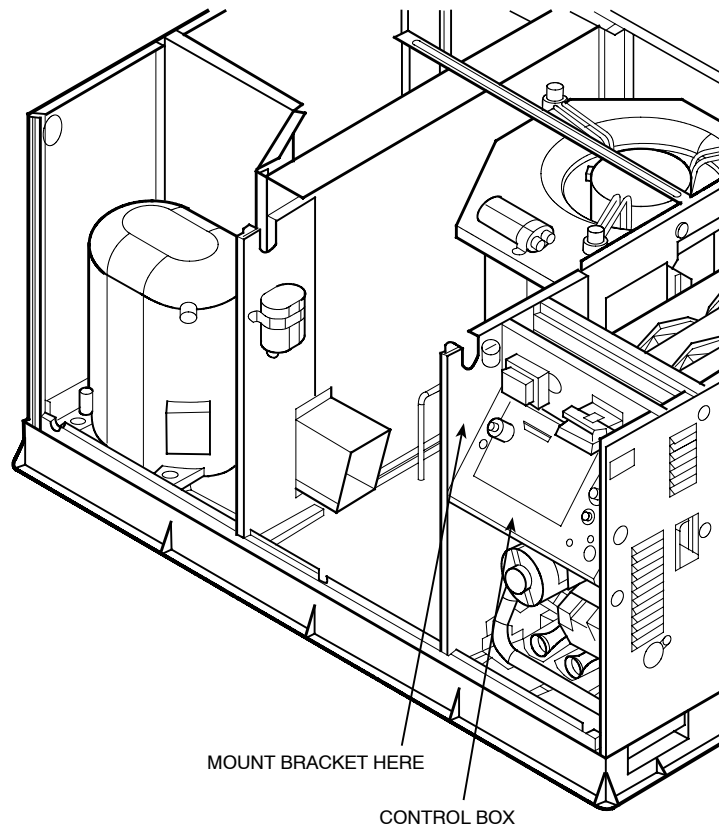
Accessory Compressor Hard Start Kit	
Contents	Qty.
Start Thermistor	1
Mounting Bracket	1
No. 6 Screw	1
Yellow Wire, 12-in.	1
Blue Wire, 36-in.	1
Wire Ties	3

## INSTALLATION

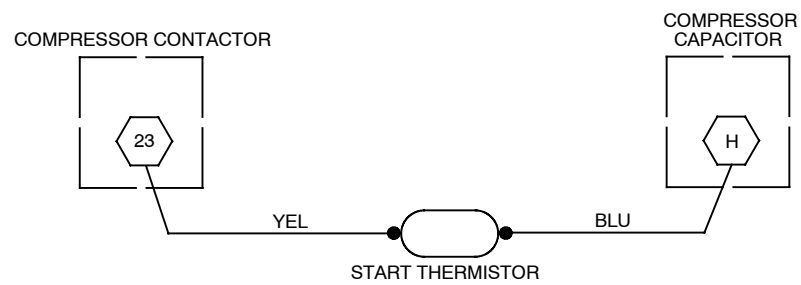
1. Disconnect gas supply (if unit is gas model), then all power to unit.
2. Remove the 8 screws from the front access panel of the unit and remove front access panel. Save screws.
3. Using the no. 6 screw provided in kit, attach the thermistor mounting bracket to the left side of the unit control box. 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**