

ACCESSORY KIT INSTALLATION MANUAL

SINGLE POINT WIRING ACCESSORY KIT

FOR USE WITH MODELS: PHE / PCE

GENERAL INFORMATION

WARNING

ELECTRICAL SHOCK HAZARD

Installation or repairs made by unqualified persons can result in hazards to you and others. Installation must conform with local building codes or, in the absence of local codes, with National Electrical Code ANSI/NFPA 70-1996 or current edition.

The information contained in this manual is intended for use by a qualified service technician familiar with safety procedures and equipped with the proper tools and test instruments.

Shut OFF electric power at unit disconnect and/or service panel before beginning the following procedures.

Failure to carefully read and follow all instructions in this manual can result in malfunction, property damage, personal injury, and/or death.

Verify edges of foil faced insulation are not in contact with any exposed electrical connections.

These instructions cover the installation of the following single point wiring kits for use with the 6HK series of single phase 208/230 volt heater kits.

Single Point Heat Kits
S1-2SPWK001
S1-2SPWK002
S1-2SPWK003
S1-2SPWK004
S1-2SPWK005
S1-2SPWK006
S1-2SPWK007
S1-2SPWK008

These electric heat accessories are used for applications on air conditioners with electric heat and heat pumps with electric heat. Each of the residential package models are approved for use with specific electric heat accessories. The unit Installation Manual or the name plate list the possible combinations and other important electrical data and limitations. Refer to unit Installation Manual for further electrical specifications.

Installation is the same for both models of the residential package unit. Refer to the enclosed Electrical Wiring and Location Diagram for electrical connections.

WARNING

Unit may have multiple power sources.

1. Ensure that there is no electrical power going to the unit.
2. Remove the electrical/controls access panel.
3. Install the single point kit using 4 mounting screws per the location diagram.
4. Connect wiring as shown in Figure 1.

NOTICE

All wiring must comply with local and National Electrical Code requirements. Read and heed all unit caution labels.

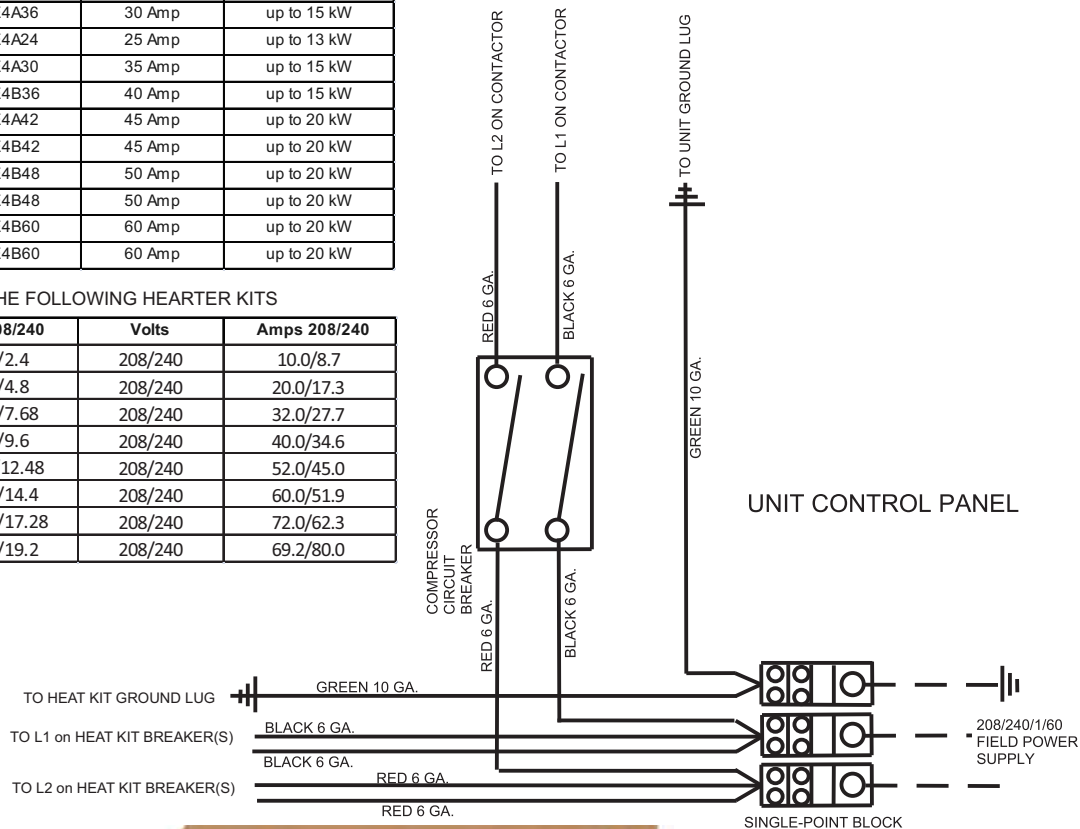
5. Install the electrical/controls access panel.
6. Apply electrical power going to the unit.
7. Accomplish an operational check, and place the system in service.

SINGLE-POINT WIRING KITS

Single Point Kit P/N	Unit Model Number	Breaker Size	Heat Kit
S1-2SPWK008	PCE4A24	20 Amp	up to 13 kW
S1-2SPWK006	PCE4A30	25 Amp	up to 15 kW
S1-2SPWK001	PCE4A36	30 Amp	up to 15 kW
S1-2SPWK006	PHE4A24	25 Amp	up to 13 kW
S1-2SPWK002	PHE4A30	35 Amp	up to 15 kW
S1-2SPWK007	PHE4B36	40 Amp	up to 15 kW
S1-2SPWK003	PCE4A42	45 Amp	up to 20 kW
S1-2SPWK003	PHE4B42	45 Amp	up to 20 kW
S1-2SPWK004	PCE4B48	50 Amp	up to 20 kW
S1-2SPWK004	PHE4B48	50 Amp	up to 20 kW
S1-2SPWK005	PCE4B60	60 Amp	up to 20 kW
S1-2SPWK005	PHE4B60	60 Amp	up to 20 kW

FOR USE WITH THE FOLLOWING HEATER KITS

Heater Kit No.	kW 208/240	Volts	Amps 208/240
6HK16500206	1.8/2.4	208/240	10.0/8.7
6HK16500506	3.6/4.8	208/240	20.0/17.3
6HK16500806	5.76/7.68	208/240	32.0/27.7
6HK16501006	7.2/9.6	208/240	40.0/34.6
6HK16501306	9.36/12.48	208/240	52.0/45.0
6HK16501506	10.8/14.4	208/240	60.0/51.9
6HK16501806	12.96/17.28	208/240	72.0/62.3
6HK16502006	14.4/19.2	208/240	69.2/80.0



NOTE:

For single circuit heater kits, remove the wires for the second circuit from the single-point block.

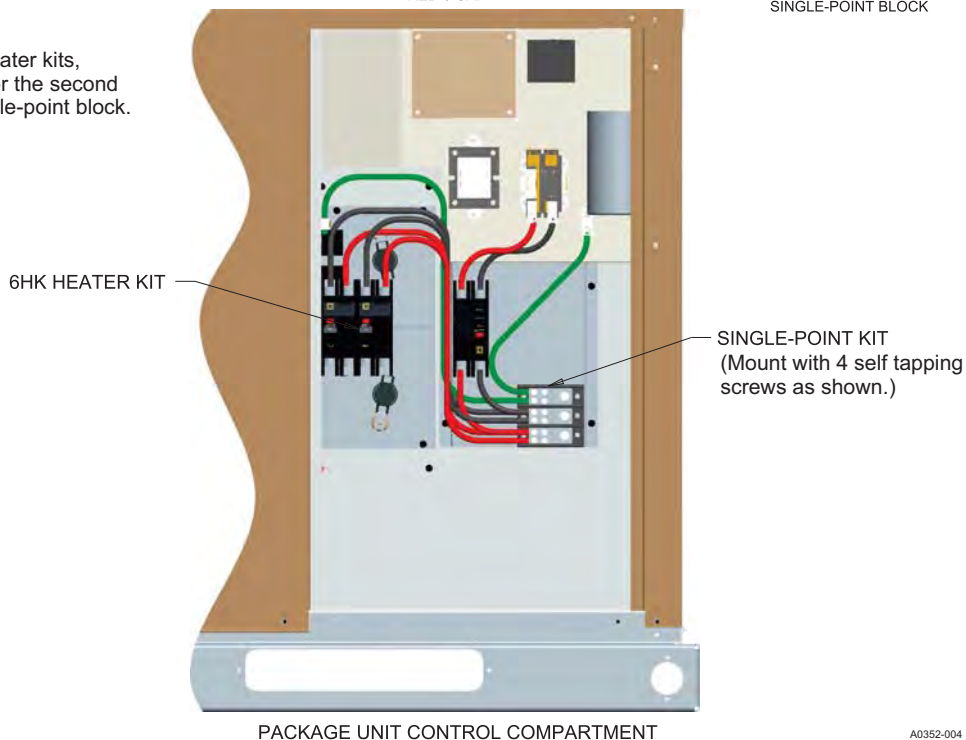


FIGURE 1: Electrical Wiring and Location Diagram