

SPK(04-09)A

15-20 kW Single Point Power Supply Kits

Installation Instructions

Affix this manual, Specification Sheet and Users Information Manual adjacent to the unit.

Features

The Single Point Power Supply Kit supplies power to a package unit with one set of unit power leads. The unit nameplate contains the minimum circuit ampacity and maximum overcurrent protection needed to size the unit power leads.

Shipping and Handling

Upon receipt of the kit, the equipment should be inspected for any damage which may have occurred in transit. If damage is obvious, it should be noted on the carrier's freight bill for inspection and initiation for settlement of claim be made at once. Units are usually shipped F.O.B. factory, and it is the consignee's responsibility to file damage claims. If no damage is found, shipping material should be removed and properly recycled or discarded.

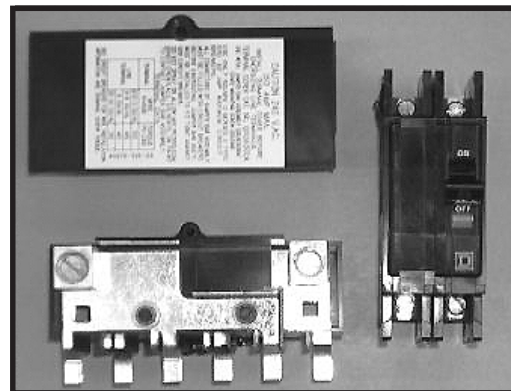
General

Read these installation instructions thoroughly before actual installation.

This kit is intended for use with the Amana PHCB**C heater kits only.

Contents

Each kit contains a jumper bar with cover and a circuit breaker sized for the appropriate unit.



Single Point Power Supply Kit

Single Point Kits used on Heater Kits - PHCB15C1 & PHCB20C1		
Single Point Kit Number	Unit	Unit Circuit Breaker Size (Amana Part Number)
SPK04A	PHB24C02E, PHD24C02E, & PCC24C02E	25 Amp (10846504)
SPK05A	PHB30C02E, PHD30C02E, PHD36C02E, PCC30C02E, & PCC36C02E	30 Amp (10846501)
SPK06A	PHB36C02E & PHD42C02E	35 Amp (10846505)
SPK07A	PHB42C02E	45 Amp (10846503)
SPK08A	PHB48C02E & PHD48C02E	50 Amp (10846506)
SPK09A	PHB60C02E	60 Amp (10846502)



RECOGNIZE THIS SYMBOL AS A SAFETY PRECAUTION.

ATTENTION INSTALLING PERSONNEL

As a professional installer you have an obligation to know the product better than the customer. This includes all safety precautions and related items.

Prior to actual installation, thoroughly familiarize yourself with this Instruction Manual. Pay special attention to all safety warnings. Often during installation or repair it is possible to place yourself in a position which is more hazardous than when the unit is in operation.

Remember, it is your responsibility to install the product safely and to know it well enough to be able to instruct a customer in its safe use.

Safety is a matter of common sense...a matter of thinking before acting. Most dealers have a list of specific good safety practices...follow them.

The precautions listed in this Installation Manual are intended as supplemental to existing practices. However, if there is a direct conflict between existing practices and the content of this manual, the precautions listed here take precedence.

Installation Instructions



WARNING

To prevent death or personal injury due to electrical shock, disconnect electrical power to unit before installing this kit or performing any maintenance.

1. Disconnect power!!!
2. Remove cover plate and clip on the Heater Control Assembly (Figure 1).
3. Move white tab on circuit breaker to the right and insert SPK circuit breaker in the open slot above the heater circuit breakers (Figure 2).
4. Loosen the set screws on the line side of the circuit breaker.
5. Remove and save the screw attaching the jumper bar cover to the jumper bar (Figure 3). Remove cover.



WARNING

ELECTRICAL HAZARD! To prevent death or personal injury due to electrical shock, do not use kit with less than 3 attached circuit breakers. All tabs from buss bars on kit jumper bar must be used.

6. Insert tabs from buss bars on jumper bar into circuit breakers, ensuring the tabs are fully inserted and the body of the jumper bar is fully in contact with the circuit breakers.
7. Torque set screws on circuit breaker to 40 - 50 inch-pounds.
8. Loosen the two pressure lugs on the side of the jumper bar.
9. Attach the line voltage wiring to the terminal blocks and torque the pressure lugs to 40 - 50 inch-pounds.
10. Attach the ground wire to the ground lug.
11. Reattach the cover to the jumper bar with the screw removed in step 5.
12. Double check all factory wiring connections to ensure none were loosened or detached during shipping and handling.



CAUTION

To avoid risk of fire or equipment damage use only 75° copper conductors.

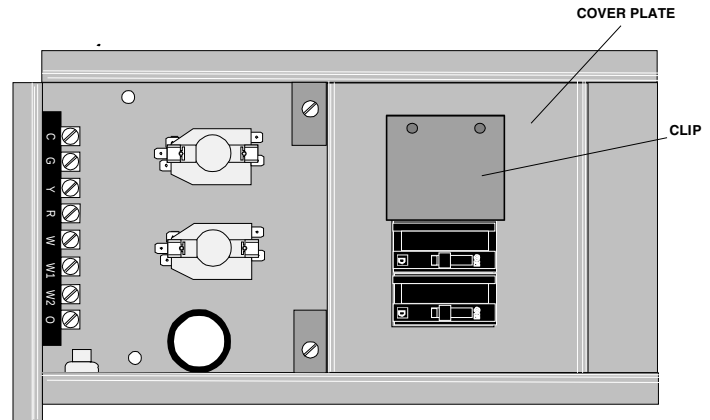


Figure 1

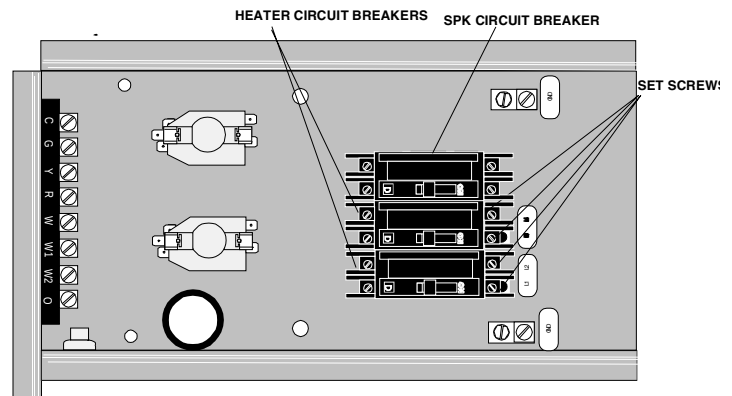


Figure 2

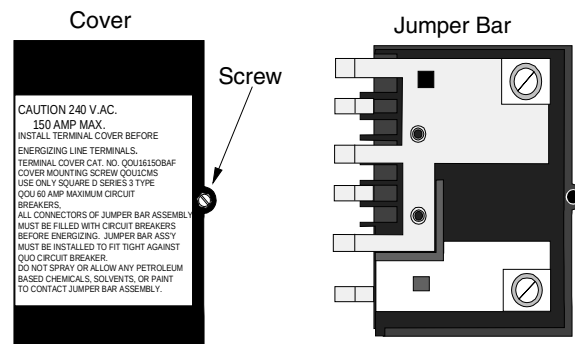


Figure 3