INSTALLATION INSTRUCTIONS

MODELS

EH5PA-1-5A EH5PA-1-10A EH5PA-1-15A EH5PA-3-9B EH5PA-3-12B EH5PA-3-15B EH5PA-3-18B EH5PA-3-18C EH5PA-3-18C EH5PA-3-18C

OPTIONAL ELECTRIC HEAT PACKAGES

FOR USE WITH 3.5, 4 and 5 TON PACKAGED UNITS

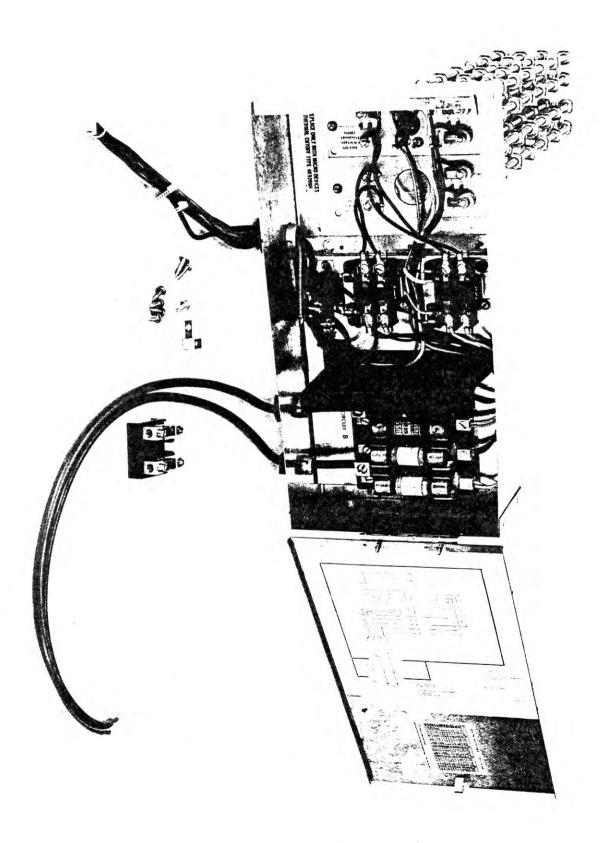


Figure 1

IMPORTANT

The equipment covered in this manual is to be installed by trained, experienced service and installation technicians.

SHIPPING DAMAGE

Upon receipt of equipment, the carton should be checked for external signs of shipping damage. If damage is found, the receiving party must contact the last carrier immediately, preferably in writing, requesting inspection by the carrier's agent.

UNPACKING THE HEAT PACKAGE

Remove the heat package from the shipping carton. The heat package must consist of the following: (See Figure 1)

- 1. Basic heater enclosure with controls and installation instructions.
- 2. Plastic bag containing (1) 230V terminal block; (1) grounding lug; (4) $\#10-16 \times 1/2^{11}$ screws; (2) $\#8-16 \times 1^{11}$ screws; (1) $\#10-24 \times 1/2^{11}$ screw; and (1) wire tie.

INSTALLATION

Disconnect all power supplies to the air conditioner or heat pump. Remove the control panel service door. Remove the four (4) $\#10-16 \times 1/2"$ screws which secure the electric heat cover plate. Remove the electric heat cover plate from the blower partition and discard. Carefully insert heater package through the opening, provided in the blower partition. Guide the heater package into the opening being careful to align the locating pin(s) of the heater(s) in the dimpled holes provided in the rear of the blower partition. Line up the four (4) holes in the heater control panel with the four (4) prepunched holes in the blower partition and secure the heater package to the blower partition with the four (4) $\#10-16\times1/2"$ screws provided.

WIRING CONNECTIONS

Connect the wires exiting the bottom of the heater package into the unit circuit by plugging in the plastic snap lock fitting into the mating fitting located on the rear of the control panel.

IMPORTANT: A separate power supply must be provided for use with any optional heater package. DO NOT attempt to connect a heater package with a basic unit to a single power supply.

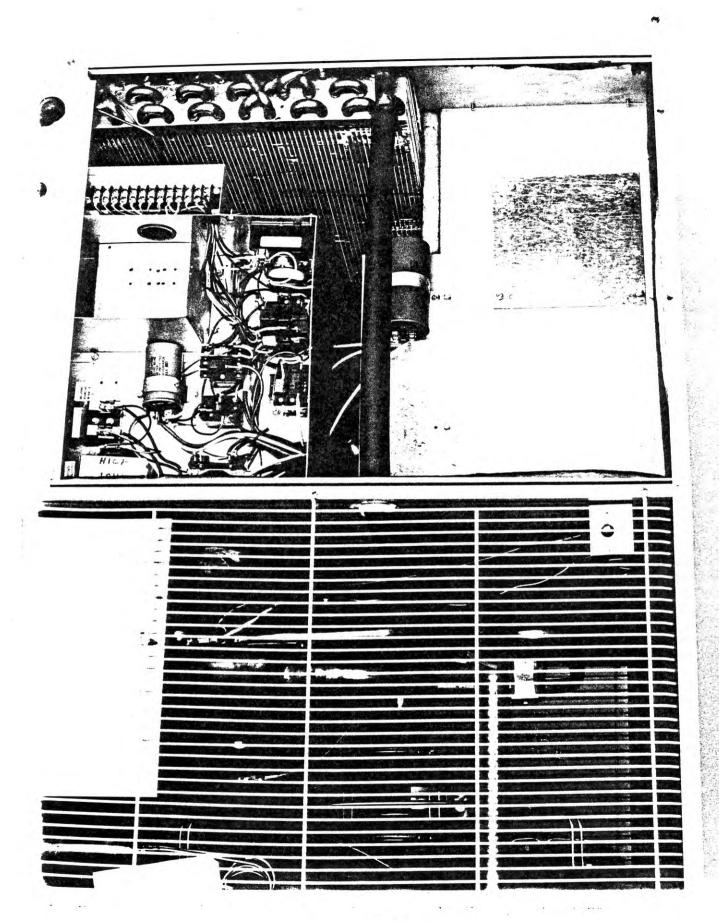


Figure 2

Figure 3

Remove the unit control panel cover and the inner $4-1/4" \times 7-3/4"$ cover. By removing this cover an isolated area is exposed. Install the high voltage terminal block. Use the two (2) $\#8-16 \times 1"$ screws. Install the grounding lug, using the two (2) $\#10-24 \times 1/2"$ screws into the prepunched holes supplied.

Route the line voltage power circuit wires from the heater package through the bushed hole in the control panel to the newly installed high voltage terminal block.

Inspect all wiring for damage and secure any loose wiring with the enclosed wire ties. See Figure 3 for completed assembly. Replace the terminal block cover, control box cover and blower service door.

Energize both power supplies and check for proper system operation.

PARTS LIST OPTIONAL ELECTRIC HEAT PACKAGES													
Part No.	Description	EH5PA-1-5A	EH SPA- 1- 10A	EH 5PA-1-15A	EH 5PA - 1-20A	EH5PA-3-9B	EH5PA-3-12B	EH SPA-3-15B	EH 5PA-3-18B	EH5PA-3-9C 460V	EH5PA-3-12C 460V	EH5PA-3-15C 460V	EH 5PA-3-18C 460V
8401-006 8401-002 8614-017	Contactor 2P20A Contactor 3P25A Fuse Block	(1)	(1)	(2) (1)	(2)	(1)	(2)	(2)	(2)	(1)	(1)	(1)	(2)
8614-018 8402-025 8201-008	Fuse Block Thermal Cutoff Blower Relay	(1) ×	(2) ×	(3) ×	(1) (4) ×	(2) ×	(3) ×	(3) ×	(4) ×	(2) ×	(3) ×	(3) ×	(4) ×
8607-013 8607-014 8614-006	Terminal Block Terminal Block Fuse 30A	×	×	(2)		×	×	×	×	×	x	×	×
8614-007 8402-012 8604-042	Fuse 60A Limit Switch Heat Strip 5kw	×	×	(2) ×	(4) ×	×	x	×	×	×	×	×	×
8604-044 8604-047 8604-046	Heat Strip 10kw Heat Strip 15kw Heat Strip 12kw		×	×	(2)		×	x					
8604-048 8604-072 8604-051 8604-052	Heat Strip 9kw Heat Strip 9kw Heat Strip 12kw Heat Strip 15kw					×			(2)	×	×	x	(2)

