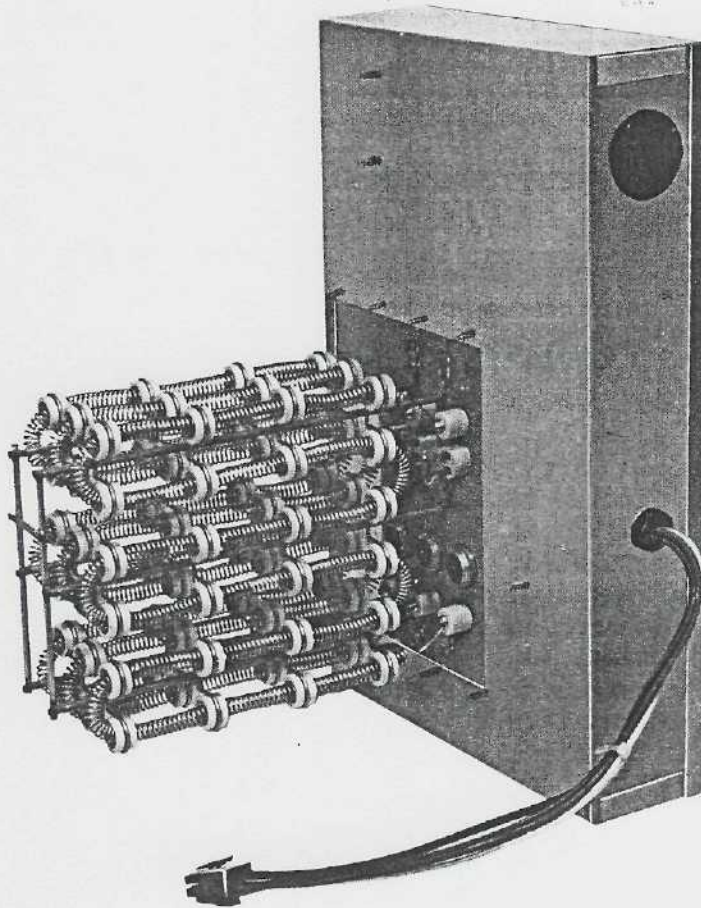


INSTALLATION INSTRUCTIONS FOR ACCESSORY HEAT KIT ^ > HK SERIES



SINGLE & THREE PHASE HEAT KIT INSTALLATION INSTRUCTIONS

- See HEAT KIT SELECTION to select an approved kit for each model.

HEAT KIT SELECTION

	PC/PCK/PCKJ											
	024-1	030-1	036-1	036-3	042-1	042-3	048-1	048-3	048*	060-1	060-3	060-4
HK05-X	X	X	X	X	X	X	X	X	X	X	X	X
HK08-X	X	X	X	X	X	X	X	X	X	X	X	X
HK10-X	X	X	X	X	X	X	X	X	X	X	X	X
HK15-X		X	X	X	X	X	X	X	X	X	X	X
HK20-X			X	X	X	X	X	X	X	X	X	X

	PH/PHK/PHKJ										
	024-1	030-1	036-1	036-3	042-1	048-1	048-3	048-4	060-1	060-3	
HK05-X	X	X	X	X	X	X	X	X	X	X	
HK08-X	X	X	X	X	X	X	X	X	X	X	
HK10-X	X	X	X	X	X	X	X	X	X	X	
HK15-X		X	X	X	X	X	X	X	X	X	
HK20-X			X	X	X	X	X	X	X	X	

Note: X - 1,3 & 4 are electrical designators
 1-208/240 V, 1 PH
 3 - 208/240 V, 3 PH
 4-480V, 3PH

The following procedure must be followed to insure proper installation:

1. Shut off power to the unit.
2. Remove the control and blower access panels.
3. Remove the blower block-off panel (save the four screws).
- 4a. Remove HK control box cover.
- 4b. For all models with small chassis, if running main power wires through Duct Panel, remove the "notch" knockout.
5. Line up the holes in the heater box with those on the transition duct and replace the four screws from step 3.
6. Plug the male connector into the female connector on the bottom side of the control box. (Remove the tie wrap if installing the heat kit into a large chassis unit. PC/PCK/PCKJ 042-060 & PH/PHK/PHKJ 036-060.
- 7a. Install a Janitrol CHT 18-60 heat/cool thermostat for the PC/PCK/PCKJ model line and run the wiring to the unit's low voltage bushing.
- 7b. Install a Janitrol HPT18-60 heat pump thermostat for the PH/PHK/PHKJ model line and run the wiring to the unit's low voltage bushing.
- 8a. Connect the thermostat wires to the wires in the low voltage barrier by color code. Red to red (24V), green to green (blower motor), yellow to yellow (compressor), white to white (optional heat), brown to brown if using OT 18-60 thermostat for staging optional heat). SEE NOTE.

8b. Connect the thermostat wires to the terminal block in the low voltage barrier as follows: red wire to R terminal (24V), green wire to G terminal (blower motor), orange wire to O terminal (1st stage heat), white wire to W1 terminal (2nd stage heat), brown wire to W2 terminal (if using OT 18-60 thermostat for staging optional heat), yellow wire to Y terminal (cool), blue wire to C terminal (common). SEE NOTE.

9. Remove the knockout on the front corner of the unit and run shielded wire to the heater box.

10. Run shielded wire through the knockout in the unit's side panel and connect to the heater box.

11. Connect properly sized wire to the lugs on the breakers (or contactor if three phase).

NOTE: Field wiring must be connected in the accordance with the National Electric Code, or other local Codes that may apply.

12. Unit must be grounded or electrical shock may result.

13. Ductwork-Use UL 181 listed flex duct (Goodman Quietflex).

NOTE: Duct must maintain a 1" minimum clearance to any adjacent material for the first 30" of supply Duct.

14. Series and Rating Plate (Supplied with Heat Kits) must be permanently marked to indicate the heater kit installed.

15. Set thermostat off or to lowest possible temperature setting.

16. Turn on power and check for proper thermostat and electric heater operation.

HEATER ELECTRICAL DATA

MODEL #	NOMINAL K.W.	MINIMUM AMPACITY 208\240V	MINIMUM OVERCURRENT PROTECTION 208\240V	MULTIPLE SUPPLY CIRCUIT						
				MINIMUM AMPACITY PER CIRCUIT			MAXIMUM OVERCURRENT PER CIRCUIT			
				208\240V			208\240V			
				1	1	2	1	1	2	
HK05-1*	4.75	22/25	30/30							
HK08-1*	7.00	32/37	40/40							
HK1Q-1*	9.50	43/50	60/60							
HK10-3	9.50	26/30	30/30							
HK15-1*	14.25	65/75	90/90	22/25		43/50		30/30		60/60
HK15-3	15.00	40/46	50/50							
HK15-4#	15.00	23	30							
HK20-1*	19.00	86/99	120/120	43/50		43/50		60/60		60/60
HK20-3	19.60	52/59	60/60							
HK20-4#	19.60	30	30							

* Circuit Breaker Models

Ratings at 480 VAC, Ph 3

KW Correction Factor

Supply Voltage	240	230	220	210	208
Correction Factor	1.00	0.93	0.85	0.78	0.76

(Multiply the 240 VAC capacity by factors)