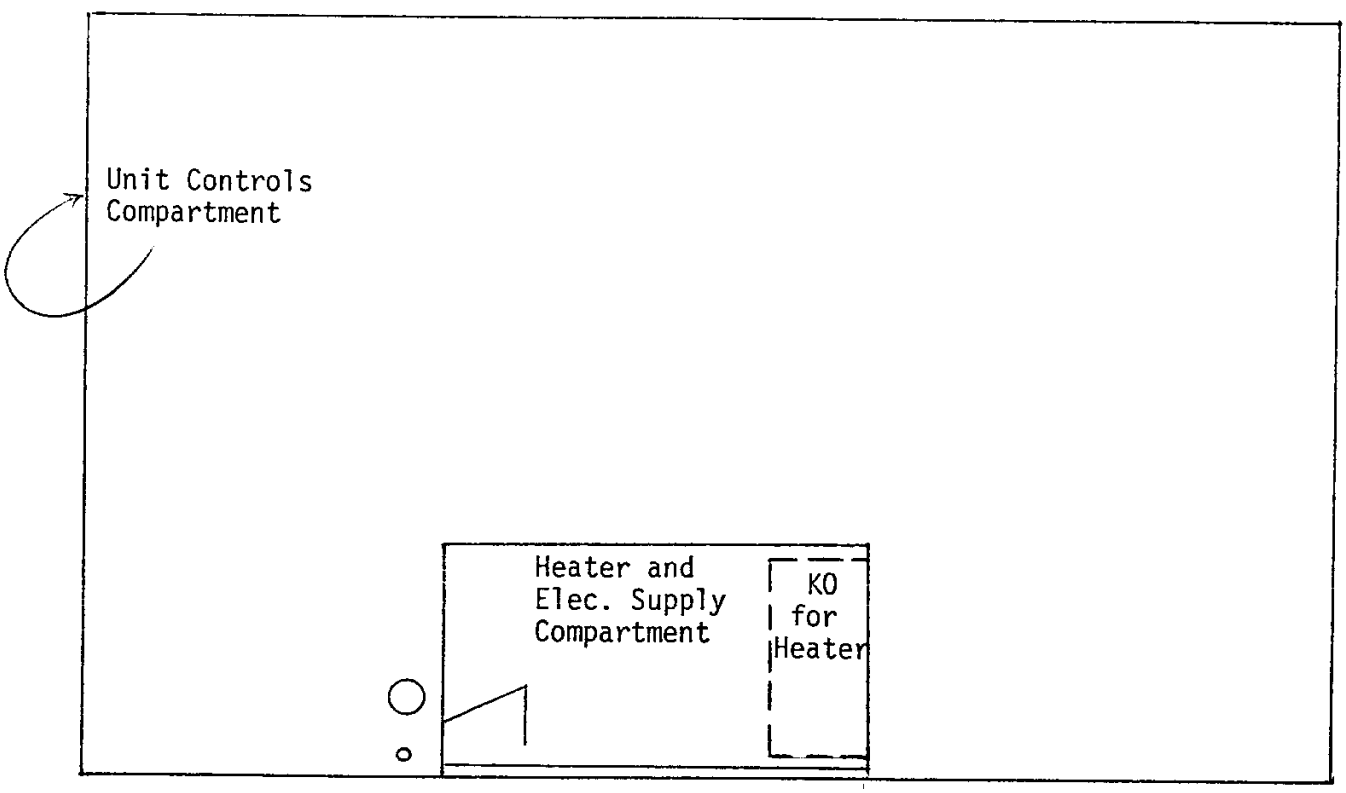
March 1988

INSTALLATION INSTRUCTIONS FOR BSNC HEATERS IN RHEEM/RUUD _SNC & _PNC UNITS

These Heaters are designed to mount just downstream of the Indoor Blower. Remove the Heater Access Cover (Approx. 9" x 17") from the side of the Unit. Remove the sheet metal knockout (Approx. 4" x 8") provided for the elements. Install the Heater carefully. The extended rod(s) on the end should engage support hole(s) and Heater Terminal Plate should be flush for fastening with sheet metal screws.

Insert the Heater control wires Terminating Plug into the matching Unit Receptacle located on the top of the Heater Compartment. The Indoor Blower Interlock on Heat is part of the Heater. See Unit instructions for multi-stage operation.

You are now ready for Field Power Wiring. The wires for the Unit power extend into the Heater Controls Compartment for one supply if desired. The Unit is separately fused in the Unit Control Compartment. The Field Power Wiring must comply with the National Electric Code and any local Code or ordinance that may apply.



CALCULATION INFORMATION

SEPARATE HEATER ELECTRICAL SUPPLY:
Heater Amps times 1.25 is minimum circuit ampacity. Minimum circuit ampacity rounded up to the nearest standard protective device rating is maximum circuit protection.

COMBINED ELECTRICAL SUPPLY - COOLING ONLY UNITS:
Heater amps times 1.25 plus 6 is minimum circuit ampacity. Minimum circuit ampacity rounded up the nearest standard protective device rating is maximum circuit protection. COMPARE to Air Conditioners Label. Write in the LARGER of the two ratings.

COMBINED ELECTRICAL SUPPLY - HEAT PUMPS:
Add heater amps to Heat Pump minimum circuit ampacity for a new total minimum ampacity. Minimum circuit ampacity rounded up to nearest standard protective device rating is maximum circuit protection.

STANDARD PROTECTIVE DEVICE RATINGS: 10, 15, 20, 25, 30, 35, 40, 50, 60, 70, 80, 90 and 100 amps.

EXAMPLE:
Install a 47.1 amp heater in a heat pump and use combined single electric supply.

If Unit nameplate minimum circuit ampacity 35 - this makes the combined minimum ampacity (35 + 41.7) of 76.7 amps.

76.7 amps rounded up to nearest standard rating (80 amps). The combined maximum protective device is 80 A.