

INSTALLATION INSTRUCTIONS FOR BJKA HEATERS IN RHEEM/RUUD/WEATHERKING ROOFTOP PACKAGE UNITS.

Units: (-)JKA & (-)JMA : ()036 - ()060 heat pump
(-)KKA, (-)KMA, (-)LKA & (-)LMA : ()036 - ()072 cooling

DISCONNECT ALL POWER BEFORE STARTING HEATER INSTALLATION

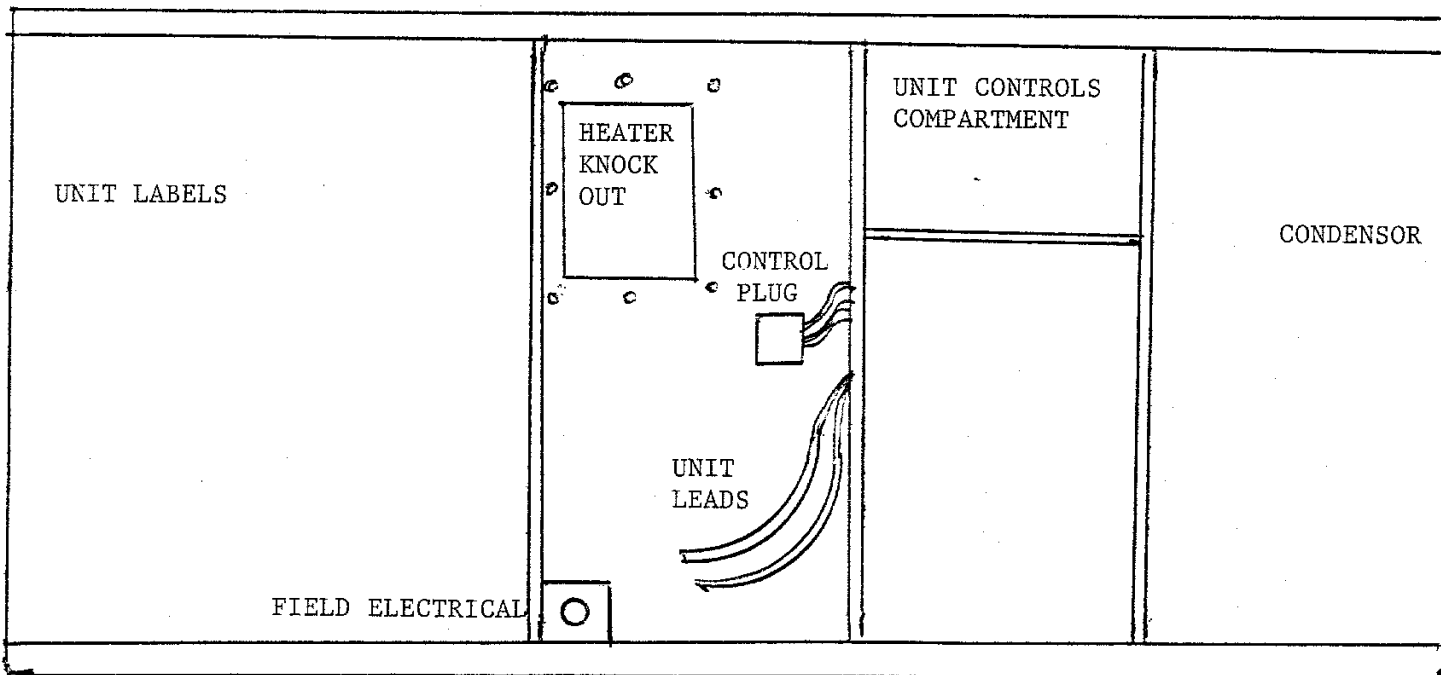
These Heaters are designed to mount in the discharge air compartment of the indoor blower. Remove the access panel from the side of the unit. Remove the sheet metal knockout from the unit bulk head. Carefully insert the heater and secure with sheet metal screws (8).

Connect heater control plug to unit matching plug.
The indoor blower interlock on heat is part of the heater.

Connect unit power wires to lugs provided on heater if single point power supply is desired.

Attach heater rating label next to unit rating label. Calculate minimum circuit ampacity and maximum circuit protection sizes from information on back of this sheet. Write those figures on the heater rating label (use waterproof ink) and check heater only or combined electrical supplies. Field power wiring must comply with the National Electric Code (NEC) and any local code ordinance.

Replace unit access panel.



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.