

Supersedes 502,344M

KITS COMMON TO COOLING AND HEAT PUMP EQUIPMENT

SINGLE POINT POWER SUPPLY KIT

INSTALLATION INSTRUCTIONS FOR SINGLE POINT POWER SUPPLY KIT (LB-81929DA)

I--SHIPPING AND PACKING LIST

- 1-- Assembled single point power supply junction box
- 1-- 1--1/2" chase nipple
- 2-- 1--1/2" conduit nuts

II--APPLICATION

The single point power supply kit provides a single power source junction box for B/CB/CBH19 and B/CB/CBH21 series units. This kit may be used only with supplemental electric heat listed on the B/CB/CBH19 and B/CB/CBH21 blower coil unit nameplate.

III--INSTALLATION

- 1-- Mount single point power supply junction box either on unit or in convenient remote location. If installing junction box on top of unit, drill a 1--31/32" hole in cabinet cap above circuit breaker location before electric heat is installed. Install junction box on side of unit using 1--31/32" factory--provided knockout.

NOTE -- Do not drill mounting holes through unit control box. Care must be taken to avoid all electrical components.

- 2-- Remove 1--31/32" knockout from junction box. Insert nipple from inside junction box and secure using conduit nut.
- 3-- Insert chase nipple through hole in cabinet and secure to unit with second conduit nut. See figure 1.

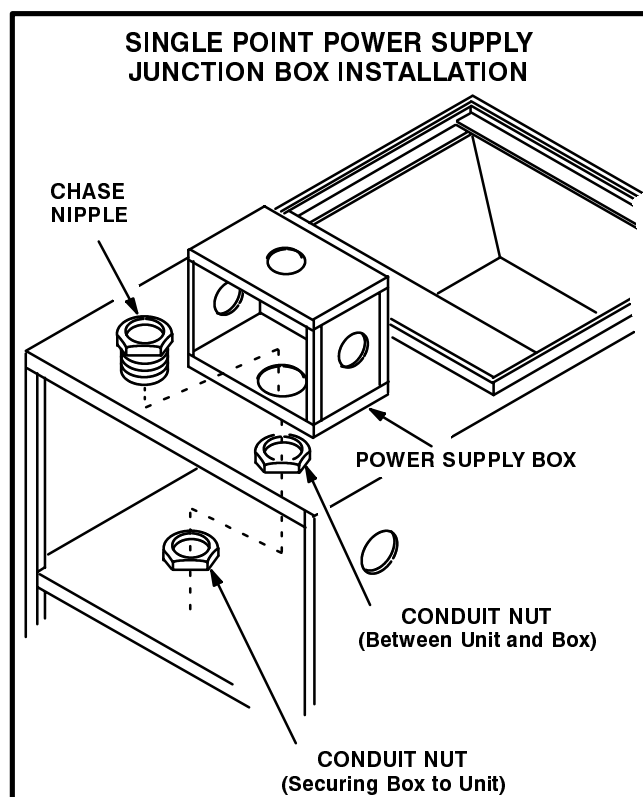


FIGURE 1

IV--ELECTRICAL WIRING

Wiring must conform to the current National Electric Code ANSI/NFPA No. 70 or Canadian Electric Code Part 1, CSA Standard C22.1, and local building codes. Refer to wiring diagram, figure 2. See nameplate on junction box cover for minimum circuit ampacity and maximum overcurrent protection size.

Select the proper supply circuit conductors in accordance with tables 310- -16 and 310- -17 in the National

Electric Code, ANSI/NFPA No. 70 or tables 1 through 4 in the Canadian Electric Code, Part 1, CSA Standard C22.1.

The junction box provides three knockouts for use with one inch trade size (1- -23/64 inch diameter) conduit. Remove the desired knockout for power entry into junction box. Knockout must be enlarged if larger conduit is used. An electrical conduit mounting plate is supplied with most blower coil models.

