KITS COMMON TO COOLING AND HEAT PUMP EQUIPMENT

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

I- SHIPPI NG AND PACKING LIST
1- Assembled single point power supply junction box
2- 1-1/2" chase nipple
3- 1-1/2" conduit nuts

II- APPLICATION
The single point power supply kit provides a single power source junction box for B/CB/CH21 series units. This kit may be used only with supplemental electric heat listed on the B/CB/CH21 series units. Make sure the unit is区域内.

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 1-1/2" hole in cabinet cap above circuit breaker location before electric heat is installed. Install junction box on side of unit using 1-1/2" factory-provided knockout.

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

2- Remove 1-1/2" 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

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**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.

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**FIELD WIRING FOR (LB-81929DA) SINGLE POINT POWER SUPPLY KITS**

1. IMPORTANT—FOR PROPER BLOWER MOTOR OPERATION, MAINTAIN PHASING AS SHOWN.
2. FOR USE WITH COPPER CONDUCTORS ONLY.
3. REFER TO SINGLE POINT NAMEPLATE FOR MINIMUM CIRCUIT AMAPACITY AND MAXIMUM OVERCURRENT PROTECTION SIZE.
4. REFER TO UNIT NAMEPLATE FOR MINIMUM CIRCUIT AMAPACITY.
5. ONLY HEATING MODULES LISTED ON UNIT NAMEPLATE MAY BE USED WITH THIS APPLIANCE.
6. L3 IS NOT PRESENT ON (P) ELECTRIC HEATERS.

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**FIGURE 2**