

Installation Instructions

EBAC01PLG

Power Plug Kit for EBP, EBX, EBV, EBW Fan Coils Power Plug Kit for FVM, FEM, FSM, FSU Fan Coils



WARNING

ELECTRICAL SHOCK HAZARD

Failure to turn off electric power could result in personal injury or death.

Before installing or servicing system, turn off main power to the system. There may be more than one disconnect switch, including accessory heater(s).

INTRODUCTION

The power plug provides connections for 230V power supplied to indoor fan coil for those applications without electric heat.

NOTE: The power plug is required on all fan coil units installed without electric heat. Consult unit specification to identify units not shipped with a power plug. The power plug is NOT needed for those applications with electric heat.



WARNING

ELECTRICAL SHOCK HAZARD

Failure to turn off the main (remote) disconnect device before working on incoming (field) wiring could result in personal injury or death.

Incoming (field) wires on the line side of the disconnect found in the fan coil unit remain live, even when the pull-out is removed. Service and maintenance to incoming (field) wiring cannot be performed until the main disconnect switch (remote to the unit) is turned off.

PROCEDURE 1 – INSTALL ACCESSORY ASSEMBLY

1. Turn off electrical supply to fan coil unit.
2. Remove front access panel of fan coil unit.
3. Attach block-off plate over heater opening using the (2) enclosed sheet metal screws.
4. Secure accessory strain relief wire tie to left screw hole on heater mounting wall with 1 No. 10 sheet metal screw.
(See Fig. 1.) Wire tie may be moved along wire length, if needed.

PROCEDURE 2 – ELECTRICAL CONNECTIONS

See Fig. 2.

1. Slide accessory male, plastic plug into matching, factory-supplied, plastic receptacle until plug snaps securely in place.
2. Connect 230V power supply wires to accessory yellow and black wire leads using insulated wire nuts.
3. Secure power supply ground wire to unit's ground lug.



CAUTION

PRODUCT DAMAGE HAZARD

Failure to follow this caution may result in product damage.

Keep high-voltage power connections away from low-voltage leads and circuit board. Shorten power plug leads if necessary.

PROCEDURE 3 – INSTALLATION VERIFICATION

1. After completion of accessory installation, check wiring to be sure proper connections and routings have been made.
2. Replace front access panel to fan coil unit before turning power on.

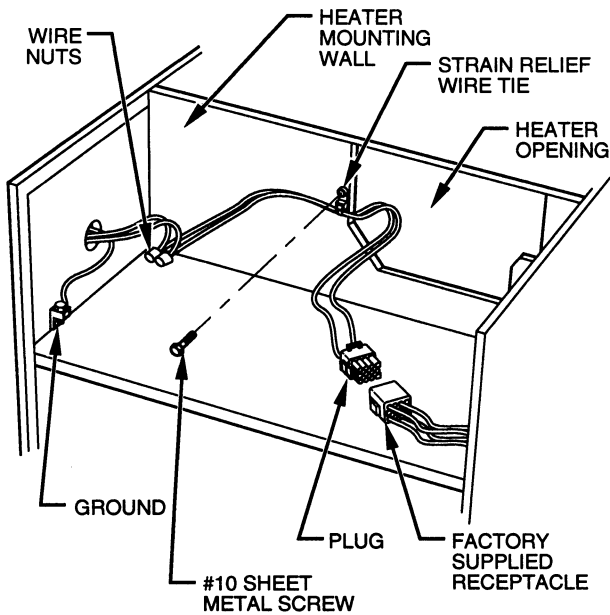


Fig. 1—Typical Power Plug Connections

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Block-Off Plate

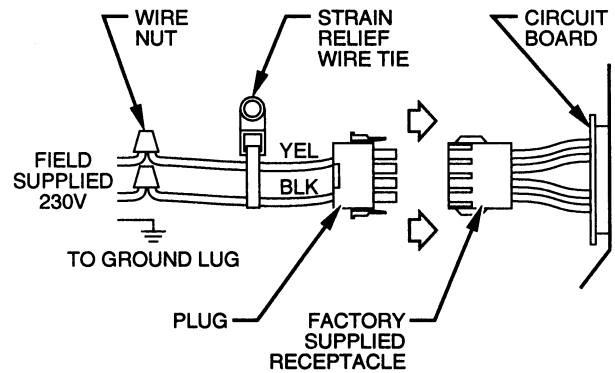


Fig. 2—Wiring Schematic for Power Plug

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