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# SUPPLEMENTAL INSTRUCTIONS

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## Duct-Free Plenum Box for Field-Installed Duct Connections

Models: IPB16-\*NO IPB18-\*NO IPB20-\*NO

\* Select appropriate color designation to match unit: X = Beige, 1 = White, 4 = Gray

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### Installation

#### **WARNING**

**Heavy item hazard.**

**Use safe practices when lifting. At least two people are required to lift and position the duct-free plenum on top of the I-TEC heat pump.**

**Failure to do so could result in unit damage or serious injury.**

#### **NOTICE**

**High voltage and low voltage wires must be routed prior to installing plenum box on top of unit.**

These duct-free plenum boxes are designed specifically for use with I-TEC® Series heat pumps. Cabinet Extensions ICX28-\* (color) can be used with the duct-free plenum boxes to enclose the area up to the ceiling.

Duct connections are field supplied.

The duct-free plenum box is shipped from the factory completely assembled. Screws are provided for attaching the plenum to the I-TEC heat pump.

1. Supply openings for duct connections are field supplied. Before installing the plenum box, make appropriate modifications to allow duct installation. Duct work cannot exceed .500" W.C. external static pressure.
2. Place the duct-free plenum box on top of the I-TEC unit with the open side facing down and the grille facing the front of the unit (see Figure 1 on page 2). Allow the front of the plenum to extend about 6" past the front of the unit.
3. Make sure that the bottom offsets on the left and right sides of the plenum box are inside the top of the I-TEC unit flange.
4. Slightly raise (about 1") the front of the plenum box and slide toward the rear of the unit. The rear flange of the plenum will slide under the folded down rear duct flange on top of the unit.
5. Make sure all surfaces of the plenum box are flush with the unit.
6. Open the cabinet doors.
7. A piece of foam gasket runs across the entire width of the top of the unit. There is a clearance hole behind this gasket in line with the centerline of the air filter on both sides of the unit. Locate the hole with an awl or other sharp object.
8. Attach the front of the plenum box to the unit by shooting a sheet metal screw through the clearance hole and into the mounting angle on the plenum box. Do the same on the other side.

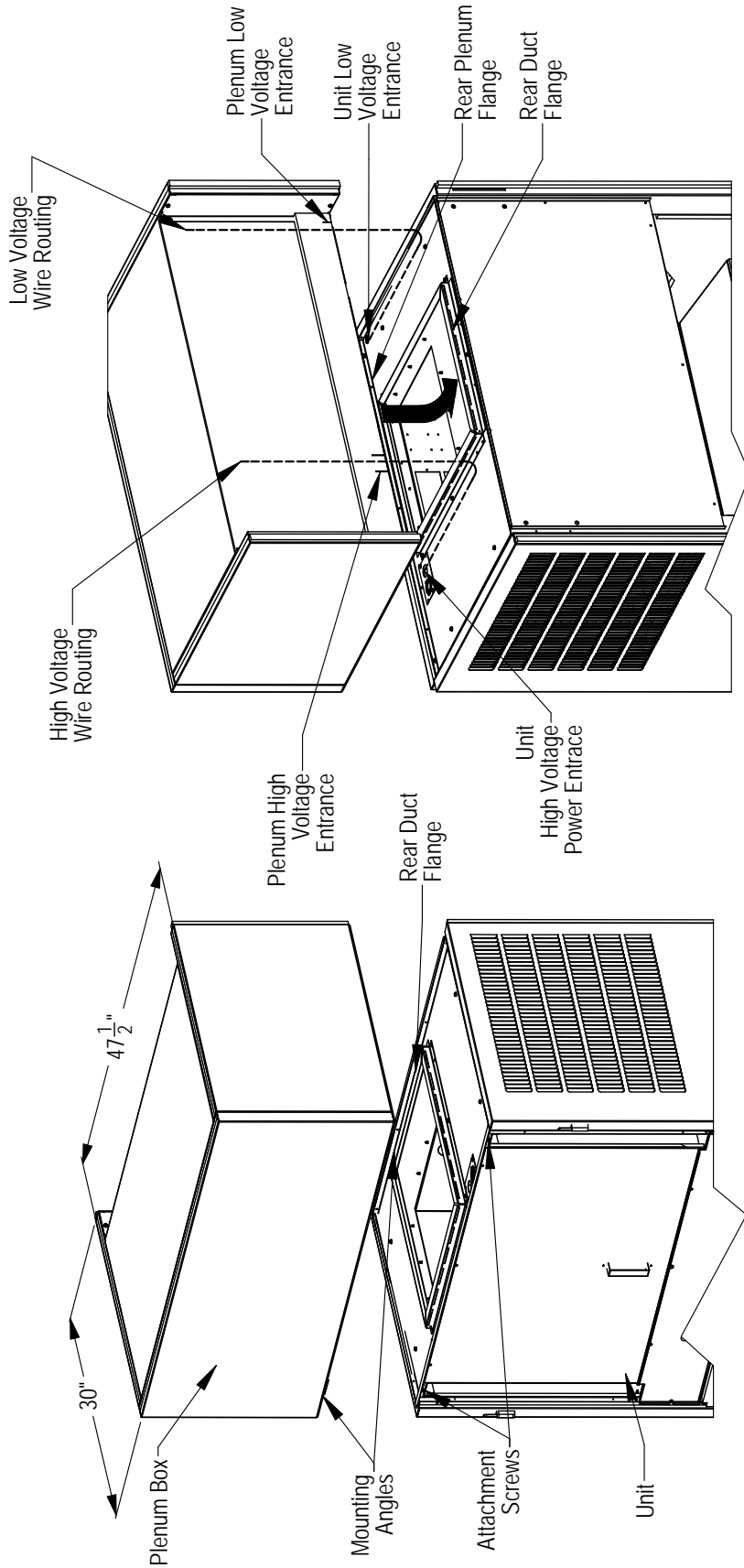


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**Figure 1**



MIS-4424

**NOTE:** Supply openings are provided by the installer. External static pressure of field-supplied duct work must not exceed .500" W.C.

Model Number	Plenum Height
IPB16	16"
IPB18	18"
IPB20	20"