

INSTALLATION INSTRUCTIONS

DUCT FREE PLENUM BOX

FEATURES

These Duct-Free Plenum Boxes are designed specifically for use with the 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.

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.

WARNING

Heavy item hazard.

Use more than one person to lift and position the Duct-Free Plenum Box on top of the I-TEC heat pump.

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

MULTI-DIRECTIONAL GRILLE		LINEAR SLOT DIFFUSER GRILLE	
IPBDF8-X	8" High, Beige	IPBDFH8-X	8" High, Beige
IPBDF8-1	8" High, White	IPBDFH8-1	8" High, White
IPBDF8-4	8" High, Gray	IPBDFH8-4	8" High, Gray
IPBDF12-X	12" High, Beige	IPBDFH12-X	12" High, Beige
IPBDF12-1	12" High, White	IPBDFH12-1	12" High, White
IPBDF12-4	12" High, Gray	IPBDFH12-4	12" High, Gray
IPBDF18-X	18" High, Beige	IPBDFH18-X	18" High, Beige
IPBDF18-1	18" High, White	IPBDFH18-1	18" High, White
IPBDF18-4	18" High, Gray	IPBDFH18-4	18" High, Gray

INSTRUCTIONS

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

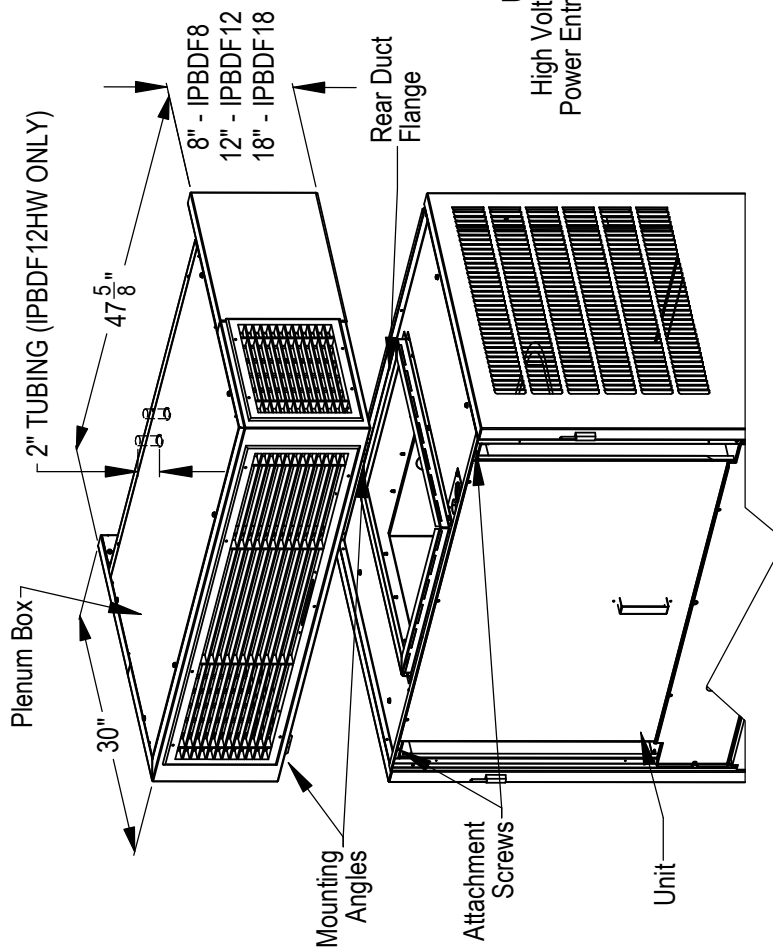
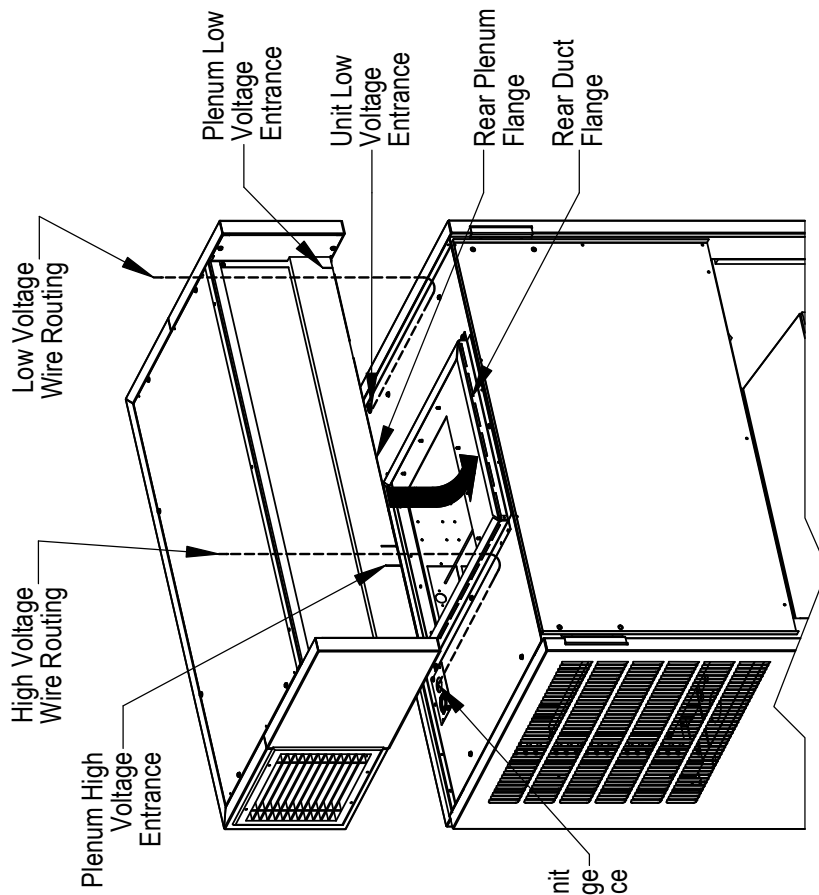
1. Place the Duct-Free Plenum Box on top of the I-TEC unit with the open side facing down and the grille facing the front of the unit. Allow the front of the plenum to extend about six (6) inches past the front of the unit.
 2. Make sure that the bottom offsets on the left and right hand sides of the plenum box are inside the top of the I-TEC unit flange.
 3. Slightly raise (about 1 inch) the front of the Duct-Free 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.
 4. Make sure all surfaces of the Duct-Free Plenum Box are flush with the unit.
 5. Open the cabinet doors.
 6. There is a piece of foam gasket that 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.
 7. Attach the front of the Duct-Free Plenum Box to the unit by shooting a sheet metal screw through this clearance hole and into the mounting angle on the plenum box. Do the same on the other side.
 8. Adjust louvers to obtain desired air distribution.
- Side grilles have shut-offs that can be actuated for further improved air distribution/balancing.**



Climate Control Solutions

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Manual: 7960-650C
Supersedes: 7960-650B
Date: 1-6-15



MIS-3668