

# Bosch Inverter Ducted Packaged Heat Pump

3 Ton & 5 Ton Capacity

Converting From Horizontal Airflow to Downflow



# BOSCH

## Conversion Manual



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## 1 Key to Symbols and Safety Instructions

### 1.1 Key to Symbols

#### Warnings



Warnings in this document are identified by a warning triangle printed against a grey background. Keywords at the start of a warning indicate the type and seriousness of the ensuing risk if measures to prevent the risk are not taken.

The following keywords are defined and can be used in this document:

- ▶ **DANGER** indicates a hazardous situation which, if not avoided, will result in death or serious injury.
- ▶ **WARNING** indicates a hazardous situation which, if not avoided, could result in death or serious injury.
- ▶ **CAUTION** indicates a hazardous situation which, if not avoided, could result in minor to moderate injury.
- ▶ **NOTICE** is used to address practices not related to personal injury.

#### Important information



This symbol indicates important information where there is no risk to people or property.

### 1.2 Safety

#### Please read before proceeding

Since the default orientation of the Inverter Ducted Packaged Heat Pump from the factory is for horizontal airflow, for some rooftop installation applications, the unit must be converted to downflow.



#### WARNING:

- ▶ This information is intended for use by individuals possessing adequate backgrounds of electrical and mechanical experience. Any attempt to repair a central air conditioning product may result in personal injury and/or property damage.



Convert panels when the unit is on the ground, prior to rigging and lifting.

## 2 Conversion Procedure

1. Locate the supply and return air panels, which are located on the bottom of the unit. See Figure 1 and 2.

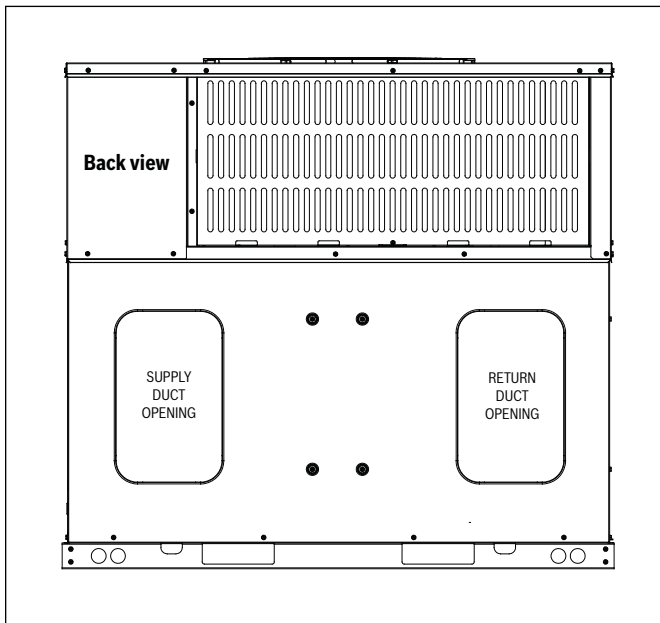


Figure 1 IDP 3 Ton

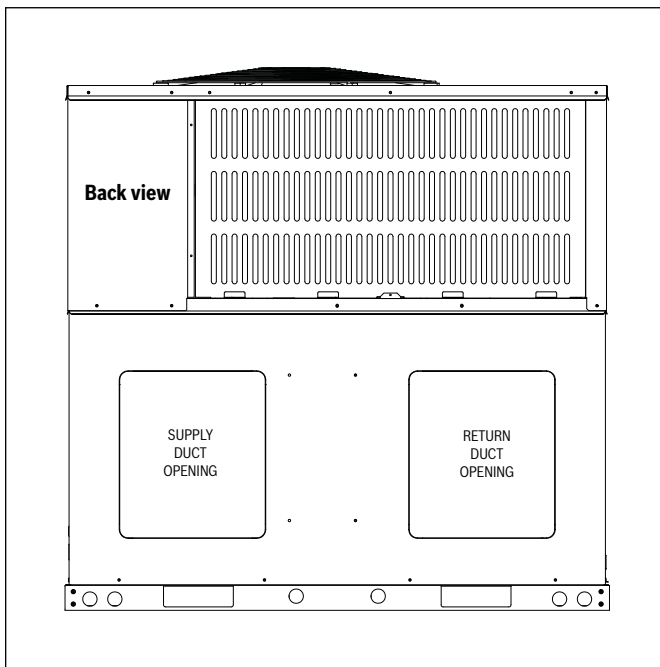


Figure 2 IDP 5 Ton

2. Remove the two panels by locating and removing the screws.

**i** The insulation must be pulled back slightly on the inside edge of the panels in order to access the screws.

3. Once the panels are removed, the metal brackets that were located at the bottom of the unit can be removed and discarded.

**i** Metal brackets are only present on the IDP 5T model. Disregard this step for IDP 3T model.

4. Apply the supplied foam tape along the edges of the panel (on the non-painted side). See Figure 3.

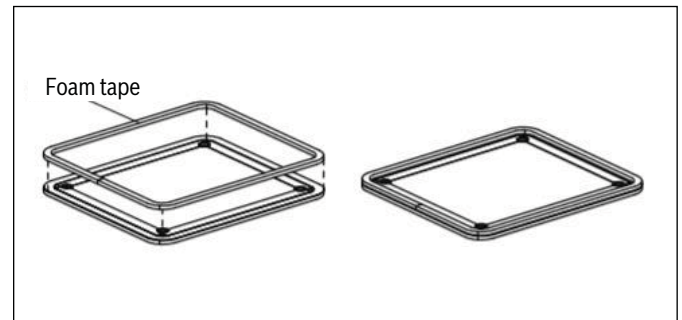


Figure 3

**i** Foam tape is provided in the accessory bag with each unit.

5. Place the panels over the horizontal supply and return openings (painted side out) located at the back of the unit. Align the screw holes, and secure using the same screws removed in step 2. See Figure 4 and 5.

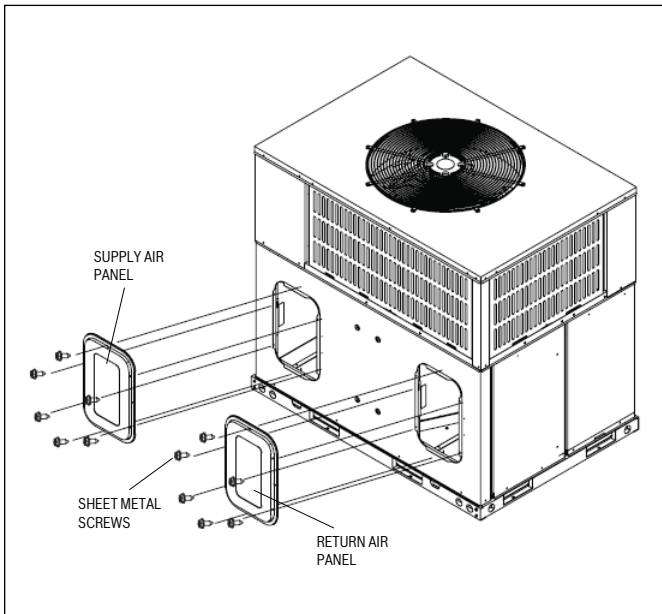


Figure 4 IDP 3 Ton

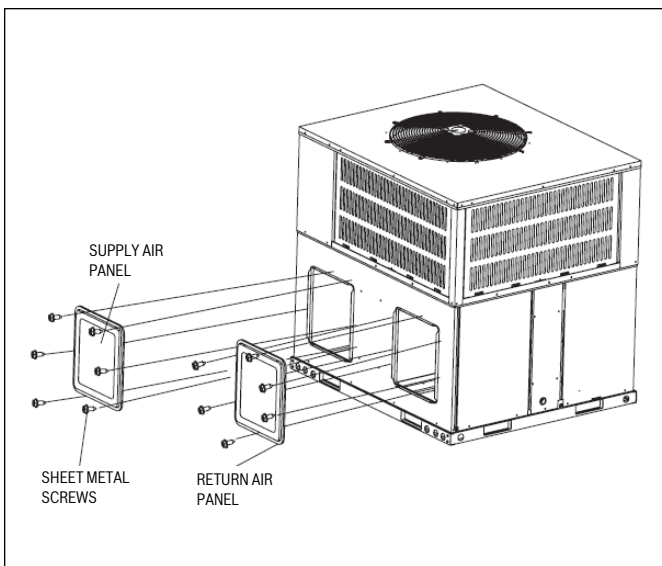


Figure 5 IDP 5 Ton



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