

Installation Instructions

Carrier Replacement Conversion Kit Foundation™ Packaged Rooftop Units 15 to 25 Tons

Model Number: BAYCARR001*
Used With: E/GCC180-300
E/GDK180-300

SAFETY WARNING

Only qualified personnel should install and service the equipment. The installation, starting up, and servicing of heating, ventilating, and air-conditioning equipment can be hazardous and requires specific knowledge and training. Improperly installed, adjusted or altered equipment by an unqualified person could result in death or serious injury. When working on the equipment, observe all precautions in the literature and on the tags, stickers, and labels that are attached to the equipment.

September 2024

ACC-SVN160E-EN

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1 Warnings, Cautions, and Notices

Read this manual thoroughly before operating or servicing this unit. Safety advisories appear throughout this manual as required. Your personal safety and the proper operation of this machine depend upon the strict observance of these precautions.

The three types of advisories are defined as follows:

WARNING Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.

CAUTION Indicates a potentially hazardous situation which, if not avoided, could result in minor or moderate injury. It could also be used to alert against unsafe practices.

NOTICE Indicates a situation that could result in equipment or property-damage only accidents.

Important Environmental Concerns

Scientific research has shown that certain man-made chemicals can affect the earth's naturally occurring stratospheric ozone layer when released to the atmosphere. In particular, several of the identified chemicals that may affect the ozone layer are refrigerants that contain Chlorine, Fluorine and Carbon (CFCs) and those containing Hydrogen, Chlorine, Fluorine and Carbon (HCFCs). Not all refrigerants containing these compounds have the same potential impact to the environment. Trane advocates the responsible handling of all refrigerants.

Important Responsible Refrigerant Practices

Trane believes that responsible refrigerant practices are important to the environment, our customers, and the air conditioning industry. All technicians who handle refrigerants must be certified according to local rules. For the USA, the Federal Clean Air Act (Section 608) sets forth the requirements for handling, reclaiming, recovering and recycling of certain refrigerants and the equipment that is used in these service procedures. In addition, some states or municipalities may have additional requirements that must also be adhered to for responsible management of refrigerants. Know the applicable laws and follow them.

2 WARNING

Proper Field Wiring and Grounding Required!
Failure to follow code could result in death or serious injury. All field wiring MUST be performed by qualified personnel. Improperly installed and grounded field wiring poses FIRE and ELECTROCUTION hazards. To avoid these hazards, you MUST follow requirements for field wiring installation and grounding as described in NEC and your local/state/national electrical codes.

WARNING

Personal Protective Equipment (PPE) Required!
Failure to wear proper PPE for the job being undertaken could result in death or serious injury. Technicians, in order to protect themselves from potential electrical, mechanical, and chemical hazards, MUST follow precautions in this manual and on the tags, stickers, and labels, as well as the instructions below:

- Before installing/servicing this unit, technicians MUST put on all PPE required for the work being undertaken (Examples; cut resistant gloves/sleeves, butyl gloves, safety glasses, hard hat/bump cap, fall protection, electrical PPE and arc flash clothing). ALWAYS refer to appropriate Safety Data Sheets (SDS) and OSHA guidelines for proper PPE.
- When working with or around hazardous chemicals, ALWAYS refer to the appropriate SDS and OSHA/GHS (Global Harmonized System of Classification and Labeling of Chemicals) guidelines for information on allowable personal exposure levels, proper respiratory protection and handling instructions.
- If there is a risk of energized electrical contact, arc, or flash, technicians MUST put on all PPE in accordance with OSHA, NFPA 70E, or other country-specific requirements for arc flash protection, PRIOR to servicing the unit. NEVER PERFORM ANY SWITCHING, DISCONNECTING, OR VOLTAGE TESTING WITHOUT PROPER ELECTRICAL PPE AND ARC FLASH CLOTHING. ENSURE ELECTRICAL METERS AND EQUIPMENT ARE PROPERLY RATED FOR INTENDED VOLTAGE.

3 WARNING

Follow EHS Policies!
Failure to follow instructions below could result in death or serious injury.

- All Trane personnel must follow the company's Environmental, Health and Safety (EHS) policies when performing work such as hot work, electrical, fall protection, lockout/tagout, refrigerant handling, etc. Where local regulations are more stringent than these policies, those regulations supersede these policies.
- Non-Trane personnel should always follow local regulations.

WARNING

R-454B Flammable A2L Refrigerant!
Failure to use proper equipment or components as described below could result in equipment failure, and possibly fire, which could result in death, serious injury, or equipment damage. The equipment described in this manual uses R-454B refrigerant which is flammable (A2L). Use ONLY R-454B rated service equipment and components. For specific handling concerns with R-454B, contact your local representative.

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Revision History

Used with information updated to meet A2L standards.

4 General Information

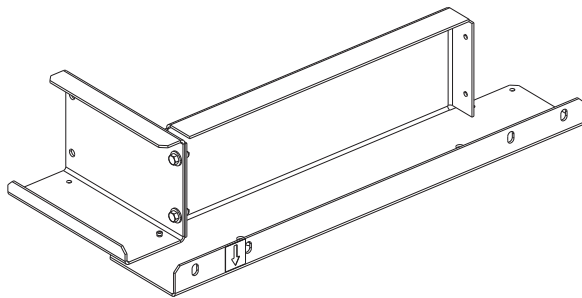
Carefully review installation instructions for the four duct alignment bracket assemblies.

- There are two bracket assemblies for the left side and two for the right side shown in Figure 1 and Figure 2.
- The footprint of the unit is wider and longer than the roof curb.
- The duct alignment brackets provide the required clearance (0.25 inch) to the roof curb.

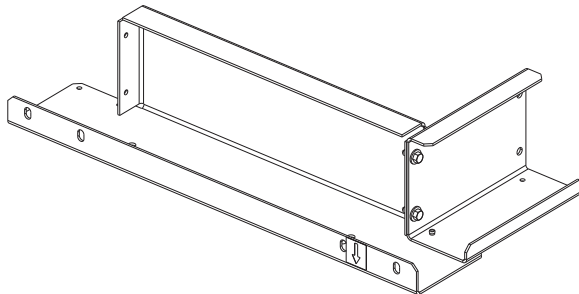
Confirm access to the base before connecting brackets to the base.

Important: Before installing, confirm the unit is supported on blocks at corners at least six inches high from the ground.

Figure 1. Left side alignment bracket assembly



5 Figure 2. Right side alignment bracket assembly



Inspection

1. Unpack all components of the kit.
2. Check carefully for shipping damage. If any damage is found, report it immediately, and file a claim against the transportation company.

Parts List

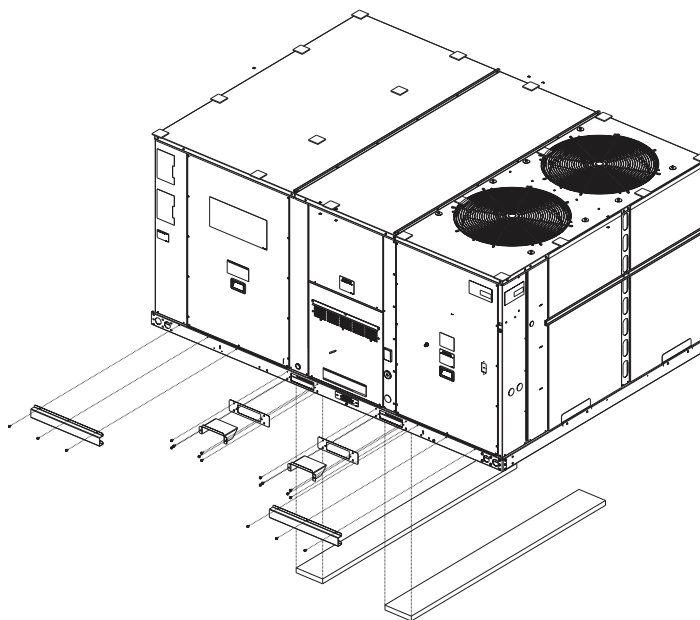
Table 1. Parts list

Qty	Description
4	Duct alignment brackets
—	Screws

6 Installation

1. Remove the fork bracket, front base plate, base board and the base shipping bracket shown in Figure 3. Discard these parts.

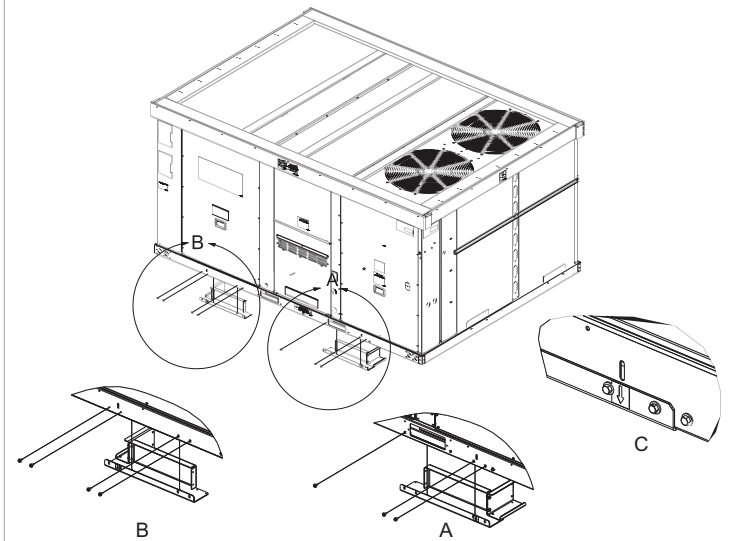
Figure 3. Remove parts



2. Install the four duct alignment brackets shown in Figure 4 (details A and B). Align the label located on the brackets with the slots on the base rail, as illustrated in Figure 4, detail C.

Note: The brackets on the right side use three screws and the ones on the left side use four screws.

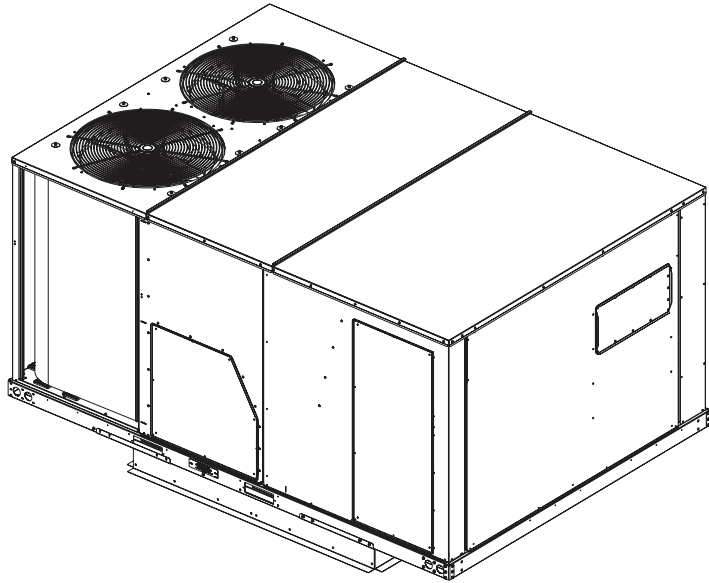
Figure 4. Install four duct alignment brackets



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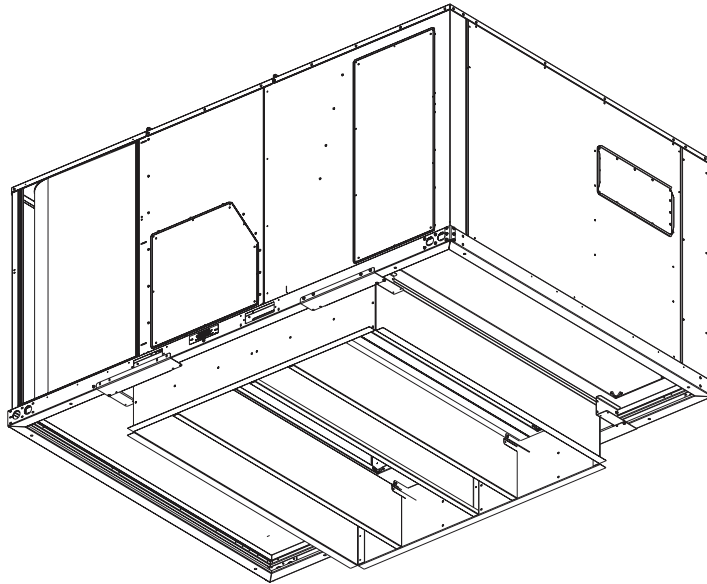
- For unit rigging, see the IOM. Use the installed brackets for alignment when installing the unit on the curb. The unit tends to tilt on the compressor end (see the IOM for center of gravity information). Use that end to align the curb alignment brackets with the curb.
- Figure 5 and Figure 6 show different views of the unit installed on the roof curb. Figure 7 shows the cross section of the duct alignment bracket and the roof curb.

Figure 5. Unit on roof curb (top view)



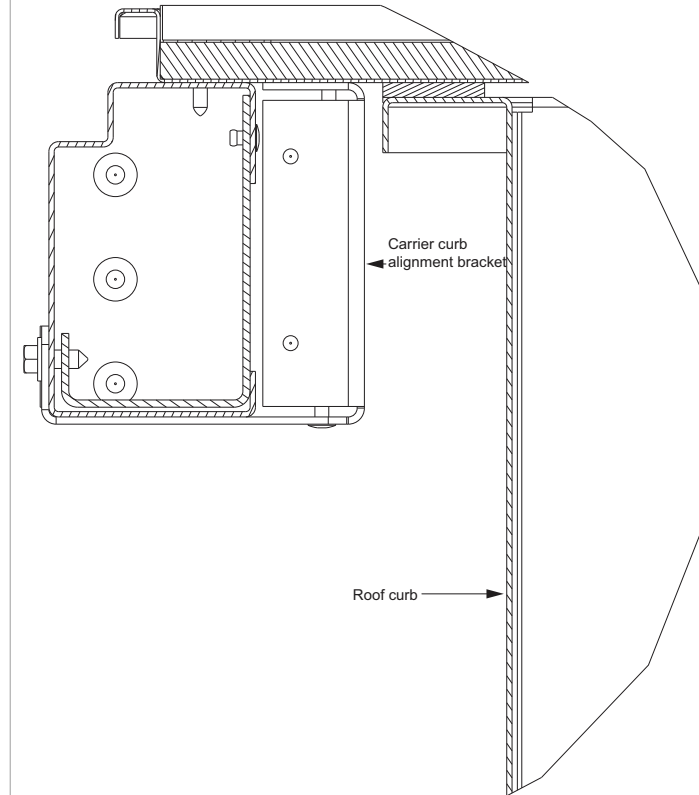
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Figure 6. Unit on roof curb (bottom view)



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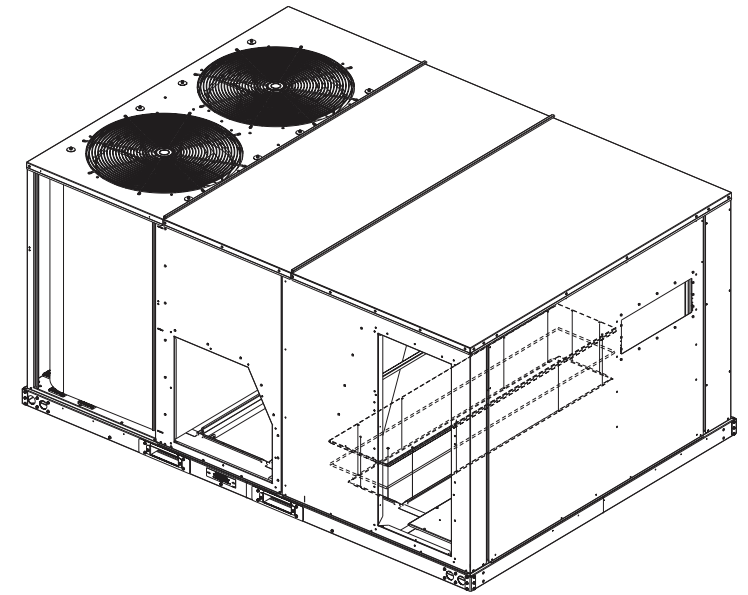
Figure 7. Cross section of the alignment bracket and roof curb



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- Remove the horizontal return duct cover panel and filter access panel to access to the return duct cover. Move the return duct cover from one duct opening to the other. See Figure 8.

Figure 8. Switch return duct cover panel to carrier configuration



- Replace the horizontal return duct cover panel and filter access panel.

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Supersedes ACC-SVN160D-EN (Dec 2022)

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