

# Installation Instructions

## Quick Adapt Roof Curb

Precedent™ Packaged Rooftop Units

3 to 12.5 Tons

<b>Model Numbers:</b>	<b>Used With:</b>
FIAQACB042*	Precedent B cabinet (Digit 39 = B) Fits on BAYCURB042*
FIAQACB044*	Precedent B cabinet (Digit 39 = B) Fits on BAYCURB044*
FIAQACB043*	Precedent C cabinet (Digit 39 = C) Fits on BAYCURB043*
FIAQACB026*	Precedent C cabinet (Digit 39 = C) Fits on BAYCURB26*
FIAQACB027*	Precedent C cabinet (Digit 39 = C) Fits on BAYCURB027*
FIAQACB045*	Precedent A cabinet (Digit 39 = A) Fits on FIACURB402, FIACURB802, BAYCURB043

### 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.

# Introduction

Read this manual thoroughly before operating or servicing this unit.

## Warnings, Cautions, and Notices

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.

### ⚠ 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.**

**⚠ 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

- Updated Model number information in Front cover page.
- Updated General Information chapter.

# General Information

Carefully review installation instructions to properly install the adapter curb.

- Each adapter curb package ships with the required gasketing material.

- Sheet metal screws must be furnished by the installing contractor.

**Table 1. Quick adapt roof curb replacement table**

Use Adapter Curb	When Installing New Units	On Roof Curbs	Replacing R-410A <sup>(a)</sup> Units
FIAQACB042*	(T/Y)S*072-120 (T/Y)H*048-120 (T/Y)Z*036-102 (W/D)S*072-120 (W/D)H*036-102 (Digit 39 = B)	BAYCURB042* FIACURB401 FIACURB801	T/YSC036-060, T/YHC036, T/YZC036 WSC036-048, D/WHC036, (Digit30 = B/F)
FIAQACB044*	(T/Y)S*072-120 (T/Y)H*048-120 (T/Y)Z*036-102 (W/D)S*072-120 (W/D)H*036-102 (Digit 39 = B)	BAYCURB044* FIACURB403 FIACURB803	T/YHC092-102E, T/YHC120, T/YZC120, WSC120E, D/WHC120H (Digit30 = E) T/YSJ150, T/YHJ150, (Digit 39 = C)
FIAQACB043*	(T/Y)S*150 (T/Y)Z*120 (W/D)S*120 (W/D)H*120 (Digit 39 = C)	BAYCURB043* FIACURB402 FIACURB802	T/YSC072-120, T/YHC048-120, T/YZC048-120, WSC060-120, D/WHC048-120, (Digit30 = C/D/E) <sup>(b)</sup>
FIAQACB045*	(T/Y)S*036-060 (T/Y)H*036, WS*036-060 (Digit 39 = A)	FIACURB402 FIACURB802 BAYCURB043	Y/YSC072-120, WSC060-120, T/YHC048-102, WHC048-102, T/YZC048-102, T/YSJ072-120, T/YHJ072-120 (Digit 39 = B)
FIAQACB026*	(T/Y)S*150 (T/Y)Z*120 (W/D)S*120 (W/D)H*120 (Digit 39 = C)	BAYCURB026*	T/YSD150
FIAQACB027*	(T/Y)S*150 (T/Y)Z*120 (W/D)S*120 (W/D)H*120 (Digit 39 = C)	BAYCURB027* FIACURB404 FIACURB804	T/YSD180-300, T/YHD150-300, T/YZD150-300, WSD150-240

(a) This table only includes R-410A models. For R-22 replacements, reference the older BAYQACB series of adapter curbs as the footprint could be different.

(b) Some units may overhang the existing curb, the base is larger than the curb. For those units, the adapter curb will also overhang the existing roof curb.

## 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.

# Installation

**⚠ WARNING**

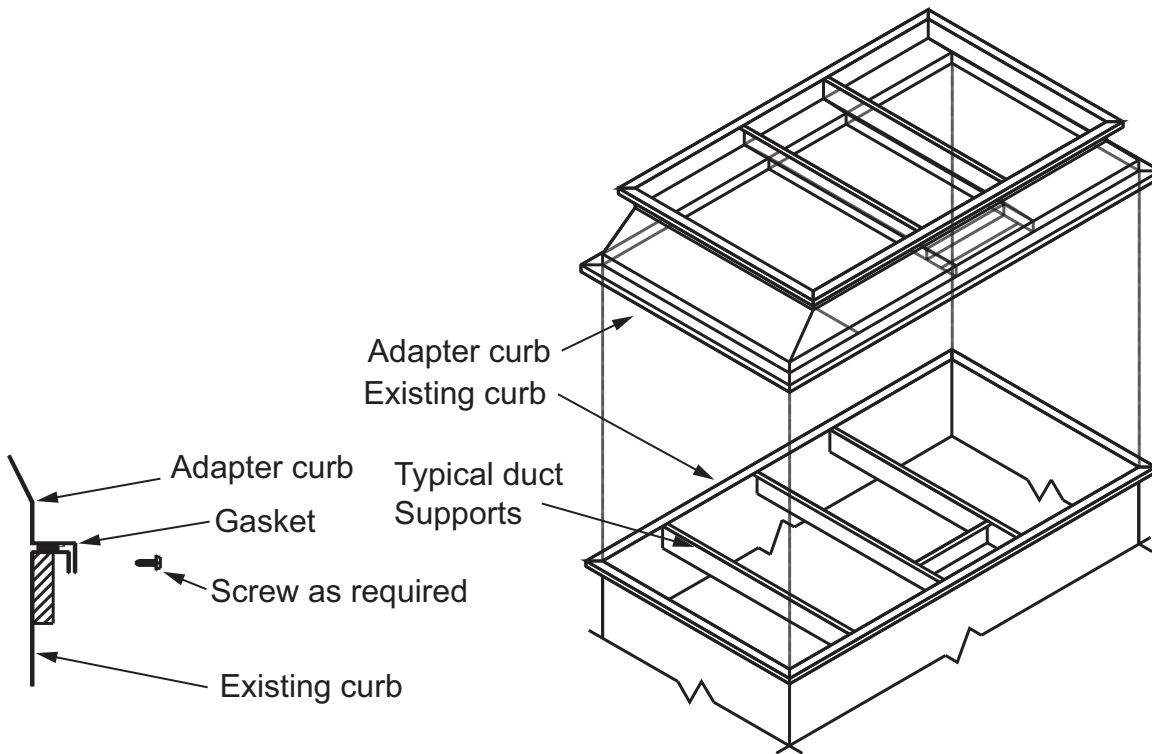
**Curb Failure!**  
Failure to follow these requirements could result in death, serious injury, and property damage. Do not make any structural modifications, alterations or additions to the Quick Adapt Roof Curb. Doing so could cause the curb to collapse upon unit installation.

**⚠ WARNING**

**Proper Adapter Curb Placement Required!**  
Failure to follow instructions could result in death or serious injury. Use extreme caution when lifting and placing the unit on top of the curb. Ensure the adapter curb is sitting correctly on top of the existing curb before placing the unit on top of it. The adapter curb is not yet secured and could collapse under the unit weight resulting in the unit falling off the curb. Remain at a safe distance from the curb while the unit is put in place.

1. Remove existing unit.
2. Remove gasket or other sealer from existing curb.
3. Verify that the existing duct supports are flush with the top of the curb.  
**Note:** If duct supports are below the top of the curb, extend them to be flush with the top using field supplied materials.
4. Place new gasket, supplied with the adapter curb on top of the existing curb and duct supports.
5. Place adapter curb on top of the existing curb.
6. Verify that all duct transitions are sealed between the existing curb and the adapter curb.
7. Place the new gasket (supplied in kit) on top of the adapter curb and around duct transitions.
8. Place new unit on top of adapter curb.
9. Fasten adapter curb to existing curb through perimeter flange. Use field supplied screws as required by job conditions.
10. Anchor unit to adapter curb as required by job conditions.

Figure 1. Curb installation



## Notes

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