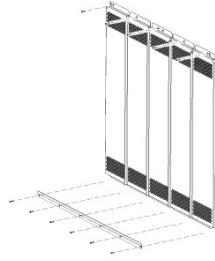


Installation Instructions

Odyssey™ Split Systems

Hail Guard Kit for R-410A

TTA/TWA Condenser Coils



Model Number: Used With:

BAYGARD058A	TTA060/072/076/090, TWA060**A/072**A/076**A/090**A
BAYGARD059A	TTA101/120, TWA060**D/072**D/076**D/090**D
BAYGARD060A	TTA126/150, TWA101/120
BAYGARD061A	TTA156/180/201/240, TWA156/180/201/240
BAYGARD062A	TTA251/300

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.

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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

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-including industry replacements for CFCs such as HCFCs and HFCs.

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 electrical codes.

WARNING

Personal Protective Equipment Required!

Installing/servicing this unit could result in exposure to electrical, mechanical and chemical hazards. Before installing/servicing this unit, technicians MUST put on all Personal Protective Equipment (PPE) recommended for the work being undertaken. ALWAYS refer to appropriate SDS sheets and OSHA guidelines for proper PPE. When working with or around hazardous chemicals, ALWAYS refer to the appropriate SDS sheets and OSHA guidelines for information on allowable personal exposure levels, proper respiratory protection and handling recommendations. If there is a risk of arc or flash, technicians MUST put on all necessary Personal Protective Equipment (PPE) in accordance with NFPA70E for arc/flash protection PRIOR to servicing the unit. Failure to follow recommendations could result in death or serious injury.

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.

3

WARNING

Hazardous Voltage w/Capacitors!

Failure to disconnect power and discharge capacitors before servicing could result in death or serious injury.

Disconnect all electric power, including remote disconnects and discharge all motor start/run capacitors before servicing. Follow proper lockout/tagout procedures to ensure the power cannot be inadvertently energized. For variable frequency drives or other energy storing components provided by Trane or others, refer to the appropriate manufacturer's literature for allowable waiting periods for discharge of capacitors.

Verify with an appropriate voltmeter that all capacitors have discharged. For additional information regarding the safe discharge of capacitors, see PROD-SVB06A-EN.

Important: This document is customer property and should remain with the unit service information pack.

General

The accessory hail guards referred to in this installation guide are provided for use with R-410A condensing units. See [Table 1](#) to determine which hail guard assembly is to be used with each unit.

Inspection

Inspect material carefully for any shipping damage. If any damage is found it must be reported immediately and a claim made against the transportation company.

Table 1. R-410A hail guard selection chart

Hail Guard Kit	Unit
BAYGARD058A	TTA060/072/076/090, TWA060**A/072**A/076**A/090**A
BAYGARD059A	TTA101/120, TWA060**D/072**D/076**D/090**D
BAYGARD060A	TTA126/150, TWA101/120
BAYGARD061A	TTA156/180/201/240, TWA156/180/201/240
BAYGARD062A	TTA251/300

Installation

- Using the holes in the guard panel, locate top of guard panel over the condenser coil and secure panel with the screws provided.

Important: Be sure the guard panel covers the entire condenser coil opening in the cabinet.

- Secure the bottom of the guard panel with the bracket provided.
- The brackets attach to the base of the unit with the screws provided.

Important: Size of panels (and brackets) and number of screws will vary depending on kit. Please refer to the tables below to be sure all parts are correct for specific kits.

Figure 1. Hail guard - single fan unit

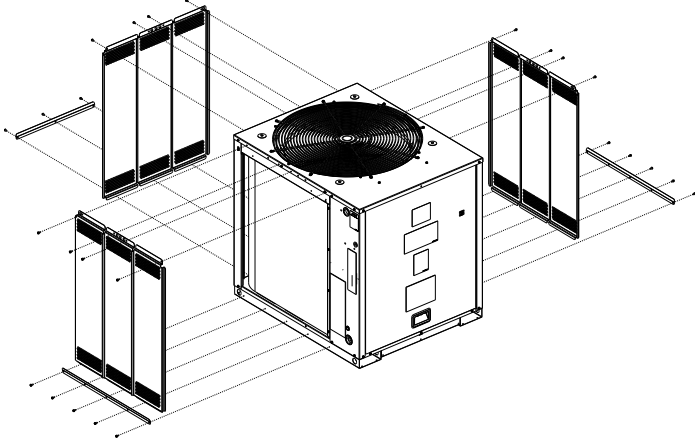


Figure 2. Hail guard - dual fan unit

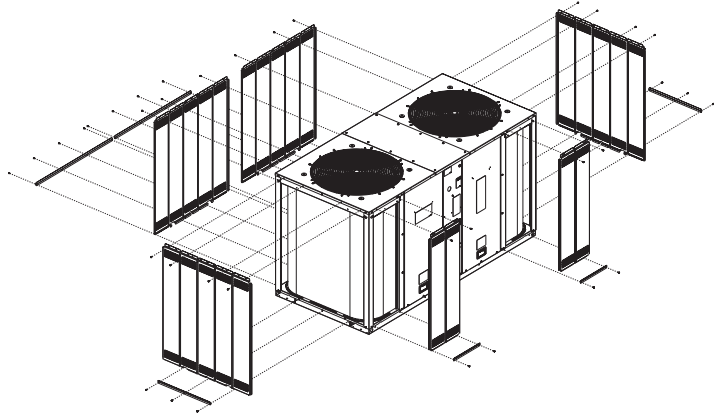


Table 2. R-410A hail guard kits

BAYGARD058A		BAYGARD059A	
Description	Quantity	Description	Quantity
Hail Guard (37.14" x 29.35")	3	Hail Guard (36.89" x 39.67")	2
Screws (10-16 x 0.50)	25	Hail Guard (36.89" x 34.12")	1
Bracket (1.241" x 28.75")	2	Screws (10-16 x 0.50)	28
Bracket (1.241" x 21.5")	1	Bracket (1.241" x 37.25")	2
		Bracket (1.241" x 22.75")	1

Table 3. R-410A hail guard kits (continued)

BAYGARD060A		BAYGARD061A	
Description	Quantity	Description	Quantity
Hail Guard (42.89" x 39.67")	1	Hail Guard (42.52" x 17.09")	2
Hail Guard (42.89" x 41.82")	1	Hail Guard (42.52" x 41.68")	4
Hail Guard (42.89" x 34.12")	1	Screws (10-16 x 0.50)	38
Screws (10-16 x 0.50)	28	Bracket (1.241" x 24.75")	2
Bracket (1.241" x 37.25")	2	Bracket (1.241" x 14.75")	2
Bracket (1.241" x 22.75")	1	Bracket (1.241" x 42.75")	2

Table 4. R-410A hail guard kits (continued)

BAYGARD062A	
Description	Quantity
Hail Guard (48.52" x 17.09")	2
Hail Guard (48.52" x 41.68")	4
Screws (10-16 x 0.50)	38
Bracket (1.241" x 24.75")	2
Bracket (1.241" x 14.75")	2
Bracket (1.241" x 42.75")	2

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