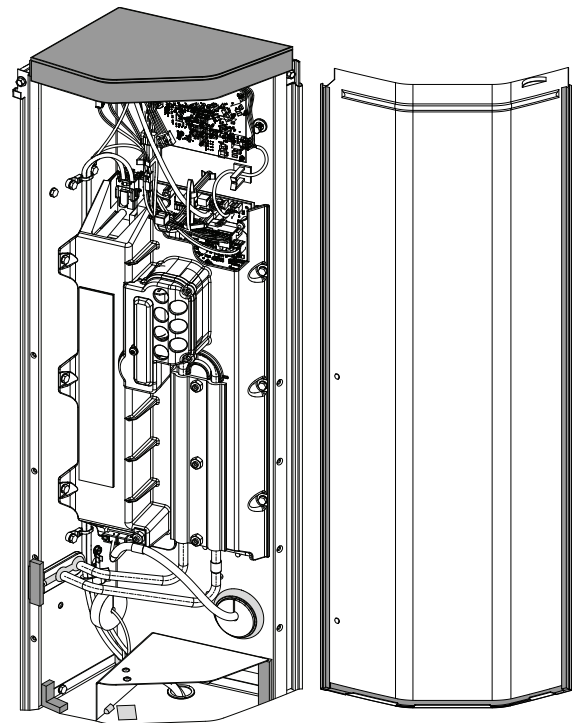


# Installer's Guide

## Extreme Coastal Conditions Kit

BAYECCK001

(For all beach front variable speed outdoor units)



*NOTE: "Graphics in this document are for representation only. Actual model may differ in appearance."*

### **▲ 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.

# SAFETY SECTION

**Important** — This document contains service information. This is customer property and is to remain with this unit. Please return to service information pack upon completion of work.

## **⚠ WARNING**

### **HAZARDOUS VOLTAGE!**

Failure to follow this Warning could result in property damage, severe personal injury, or death.

Disconnect all electric power, including remote disconnects before servicing. Follow proper lockout/tagout procedures to ensure the power cannot be inadvertently energized.

## **⚠ CAUTION**

### **SAFETY HAZARD!**

Failure to follow this Caution could result in personal injury.

Be careful with the adhesive material, as it is very strong and can cause damage to the hands.

## **⚠ WARNING**

### **Warning!**

This product can expose you to chemicals including lead which are known to the State of California to cause cancer and birth defects or other reproductive harm.

For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## **⚠ CAUTION**

### **SHARP EDGE HAZARD!**

Failure to follow this Caution could result in property damage or personal injury.

Be careful of sharp edges on equipment or any cuts made on sheet metal while installing or servicing.

# Table of Contents

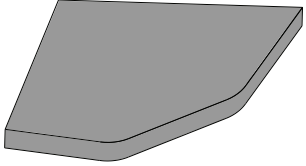
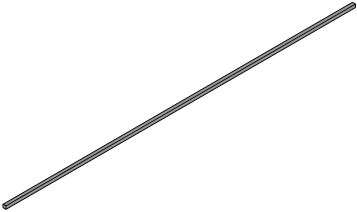
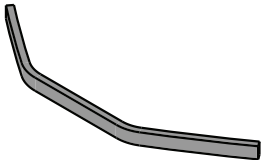
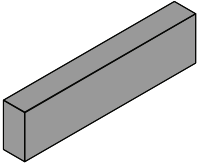
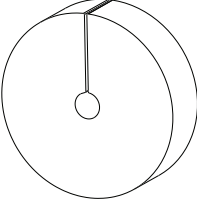
General Data ..... 4

Installation Instructions..... 5

# General Data

*This kit will be installed in all of the variable speed outdoor units that are installed in coastal environments. This kit will prevent the variable speed drives from corrosion due to excessive salt deposits.*

## Kit Contents:

Top Foam Qty. 1	
Side Foam Qty. 2	
Bottom Foam Qty. 1	
Short Foam Qty. 3	
Grommet Qty. 2	

## Field Supplied Tools and Supplies:

- Silicone (for filling holes and gaps)
- 1/4" Socket and 5/16" Socket for drill
- Scissors (to adjust foam if needed)
- Duct Tape

## Inspection:

Check carefully for any shipping damage. This must be reported to and claims made against the transportation company immediately. Any missing parts should be reported to your supplier at once and replaced with authorized parts only.

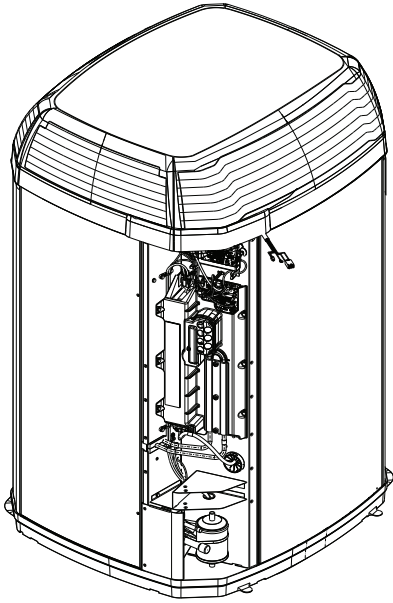
# Installation Instructions

**Note:** For all installations, make sure the surface is clean and clear of debris to make sure proper adhesion.

## Foam Installation onto the Control Box Cover

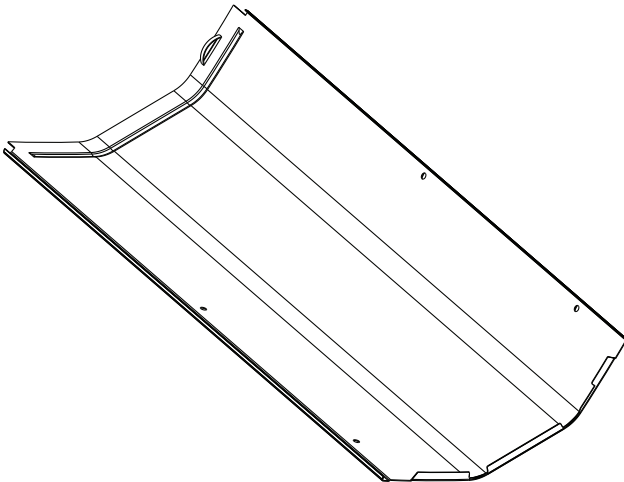
1. Disconnect the main power supply to the outdoor unit and wait for 2 minutes before installation.
2. Remove the control box cover from the unit. See [Figure 1, p. 5](#).

**Figure 1. Control Box Cover Removal**



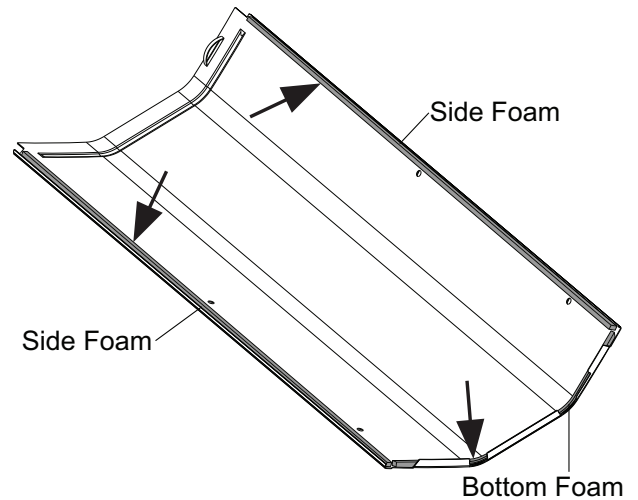
3. Place the control box cover on a stable surface with the inside surface facing upwards. See [Figure 2, p. 5](#).

**Figure 2. Control Box Cover**



4. Remove the adhesive backing from both the side foams.
5. Align and attach the side foams to each of the longer side edges of the control box cover. See [Figure 3, p. 5](#).  
**Note:** If the cover is shorter, cut the foams to the correct length.
6. Remove the adhesive backing from the bottom foam.
7. Attach the bottom foam onto the bottom flange of the control box cover and between the side foams. See [Figure 3, p. 5](#).

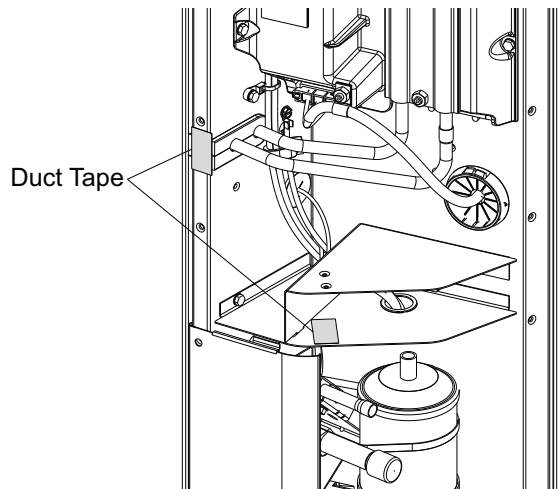
**Figure 3. Install Side and Bottom Foams**



## Foam Installation on the Unit

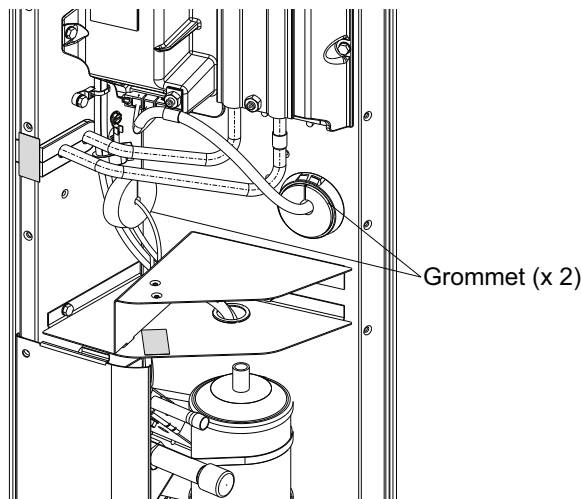
1. Install Duct Tape.
  - a. Cut two (2) pieces of duct tape of length 1 ½" and width ¾" respectively.
  - b. Attach one (1) piece of duct tape over the gap near the copper tube entry. See [Figure 4, p. 6](#).
  - c. Attach the other piece of duct tape over the two (2) holes in the bottom plate. See [Figure 4, p. 6](#).**Note:** If required, use silicone to fill the holes.

**Figure 4. Duct Tape Installation**



2. Install Foam in the Control Box.
  - a. Remove the adhesive backing from two (2) grommets.
  - b. Attach one (1) grommet onto the compressor harness. Make sure the split side of the grommet is as closed as possible. See [Figure 5, p. 6](#).
  - c. Attach the other grommet onto the harness grommet. Make sure the split side of the grommet is as closed as possible. See [Figure 5, p. 6](#).

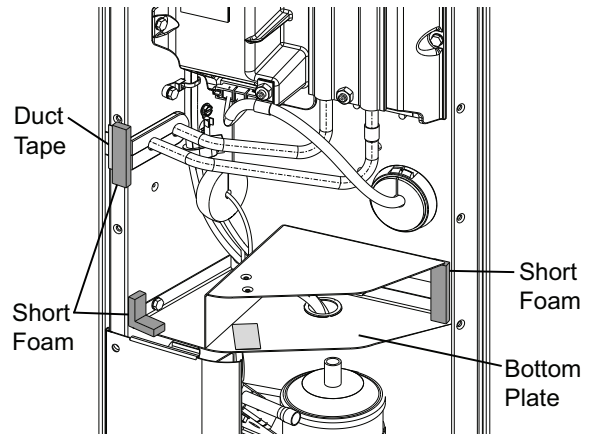
**Figure 5. Grommets Installation**



- d. Make sure the grommets are sealed properly around the harnesses.
- e. Locate three (3) short foam pieces from the kit contents and remove the adhesive backing from all the short foam pieces.

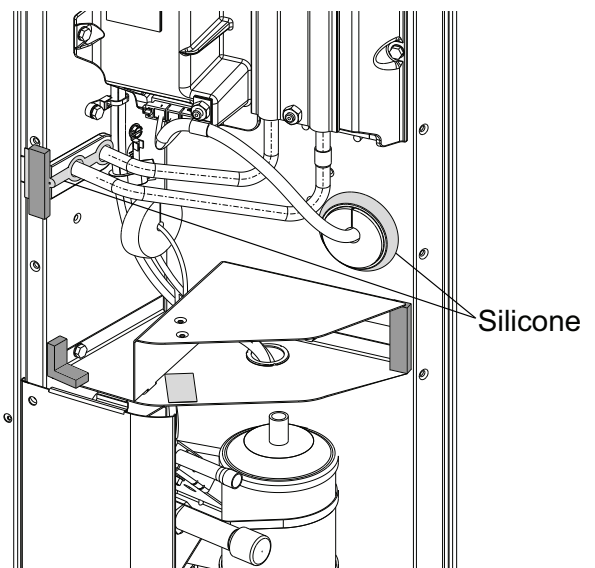
- f. Attach two (2) short foam pieces each on the left side and right side of the bottom plate to seal the gaps. See [Figure 6, p. 6](#).
- g. Attach the other short foam piece onto the duct tape and the grommet on the copper tube. Make sure the right side face of the short foam piece is flush against the front face of the grommet. See [Figure 6, p. 6](#).

**Figure 6. Install Short Foams**



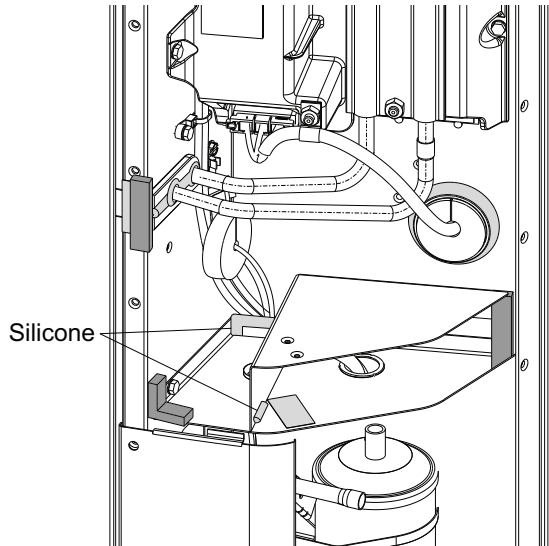
3. Apply Silicone.
  - a. Use silicone to seal gaps around the copper tube and the plastic compressor grommets. See [Figure 7, p. 6](#).

**Figure 7. Apply Silicone**



- b. Use silicone to seal the gaps between the two sheet metal parts and between the bottom plate and rear wall. See [Figure 8, p. 7](#).

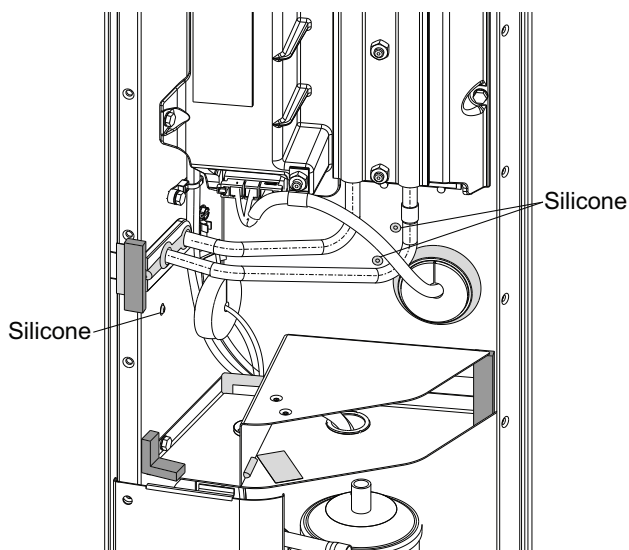
**Figure 8. Silicone on Sheet Metal Parts**



- c. Seal the unused screw holes with silicone in the control box. See [Figure 9, p. 7](#).

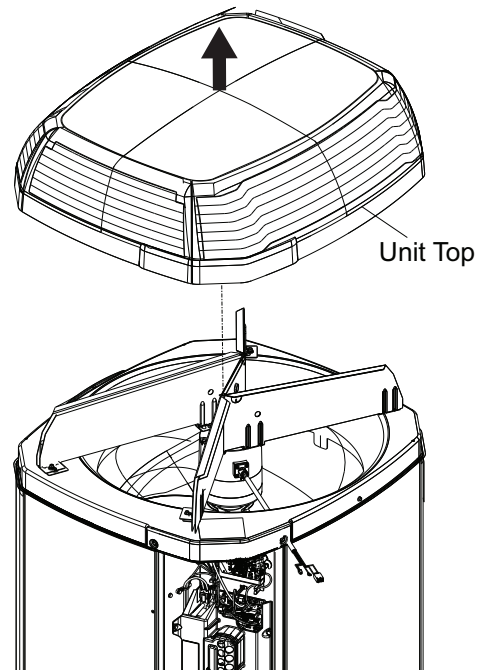
**Note:** The number of unused holes may vary depends on the type of variable speed models used.

**Figure 9. Silicone on Empty Screw Holes**



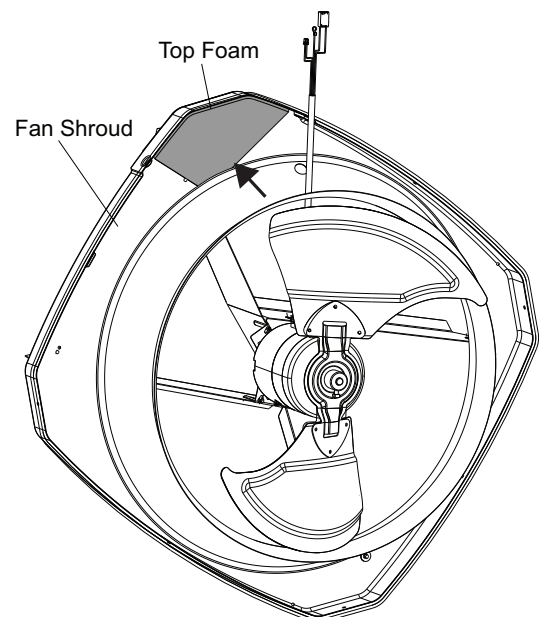
- 4. Install Foam to the Unit Top.
  - a. Remove the unit top. See [Figure 10, p. 7](#).

**Figure 10. Unit Top Removal**



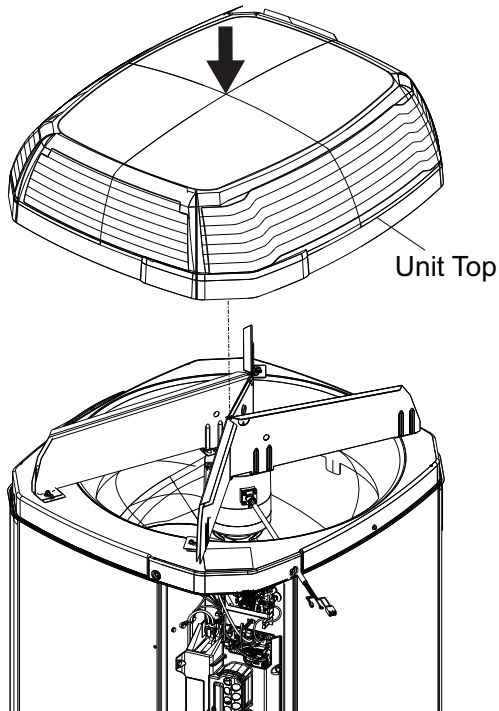
- b. Remove the fan and fan shroud to gain access to the bottom of the shroud. Take the top foam piece, remove the adhesive backing and attach it onto the top of the existing foam piece on the bottom of the shroud. See [Figure 11, p. 7](#).

**Figure 11. Install Foam - Fan Shroud**



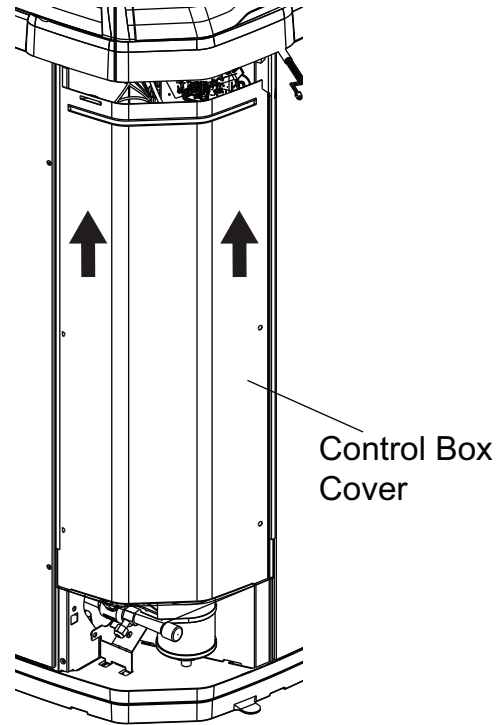
- c. Re-install the fan shroud and unit top. See [Figure 12, p. 8](#).

**Figure 12. Fan Shroud and Unit Top Installation**



2. Re-install the control box cover that was removed earlier. See [Figure 14, p. 8](#).

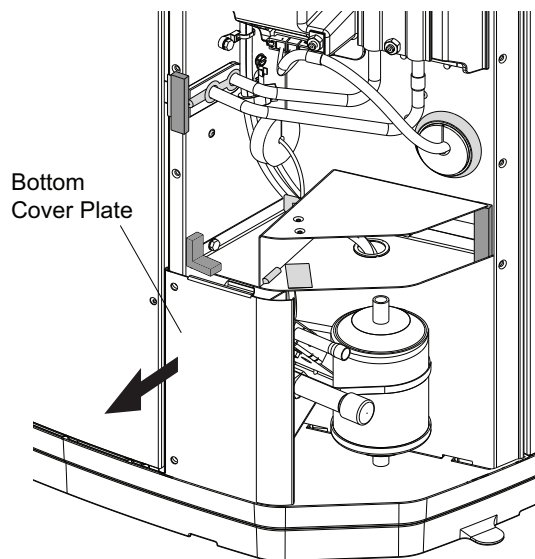
**Figure 14. Control Box Cover Installation**



### Re-Install Control Cover Box

1. Once all previous steps are completed, remove the bottom cover plate. See [Figure 13, p. 8](#).

**Figure 13. Bottom Cover Plate Removal**



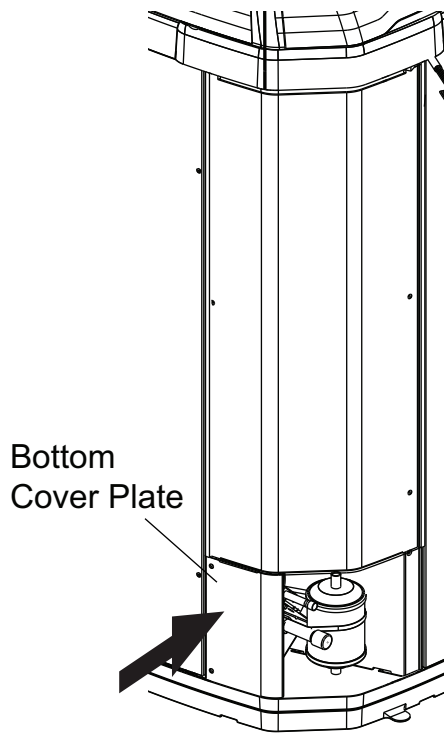
- a. When installing the screws, be careful to not strip the threads of the main unit. If any screws do strip, install a slightly larger screw to ensure the control box cover is fastened securely and the foam underneath is compressed.
- b. Make sure that the bottom flange of the control box cover is below the bottom plate of the control box.
- c. Make sure that the bottom lip of the bottom plate is compressed against the foam on the control box cover to provide a tight seal around the bottom of the control box cover.



3. Re-install bottom cover plate. See [Figure 15, p. 9](#).

4. Connect the power to the unit.

**Figure 15. Bottom Cover Plate Installation**







## About Trane and American Standard Heating and Air Conditioning

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