



# GE APPLIANCES V10 RAVTRANS1CO Transition Plenum Instruction Manual

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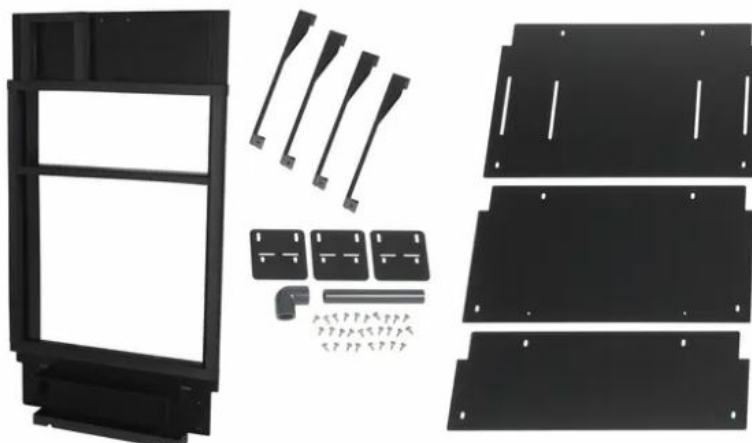
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**GE APPLIANCES**

## GE APPLIANCES V10 RAVTRANS1CO Transition Plenum



## Product Information

### Transition Plenum

The RAVTRANS1CO Transition Plenum is designed for replacing an existing First Company VTAC unit with a new Ultimate V10, V11, or V12 VTAC. It is specifically designed to fit an existing First Company VTAC plenum with dimensions of 21 3/8 inches wide by 43 3/4 inches tall. Please note that critical closet dimensions apply, and it is important to review the required clearances and read the entire manual before proceeding to ensure compatibility.

### Tools Needed:

- Screws (10#-16\*12.5MM) – 24 total
- Self-driller screws (8#12.5) – 6 total

### Parts Included

- Screws (10#-16\*12.5MM) – 24 total
- Self-driller screws (8#12.5) – 6 total
- Mounting brackets (3x) – optional depending on installation
- Optional Make up air port (sealed)
- GLYHUWHUEDHVXSSRUW legs shown per side, some installations only require 1.
- Single Diverter Plate
- Existing First Company VTAC Plenum

## Product Usage Instructions

### 1. Step 1: Prepare Installation Area

Remove the existing First Company VTAC unit. Ensure the service panel is switched off and locked to prevent accidental power activation.

### 2. Step 2: Sealant and Screws

Apply sealant and use the provided screws to secure the Transition Plenum in place.

### 3. Step 3: Cut Triangular Gussets (if applicable)

If your First Company Plenum has lower triangular gussets, carefully cut them out using a suitable cutting tool. Take precautions to avoid injury from sharp edges.

### 4. Step 4: Verify Plenum Measurements

Ensure that the Transition Plenum is properly aligned and fits within the designated area. Refer to the manual for specific measurements and guidelines.

### 5. Step 5: Measure Rear Depth (Panels A and B only)

Measure the depth of the rear area for Panels A and B. This measurement is necessary for proper installation.

### 6. Step 6: Additional Support (if needed)

If additional support is required for deeper installation, use the provided extra support leg to reinforce stability.

### 7. Step 7: Secure the Transition Plenum

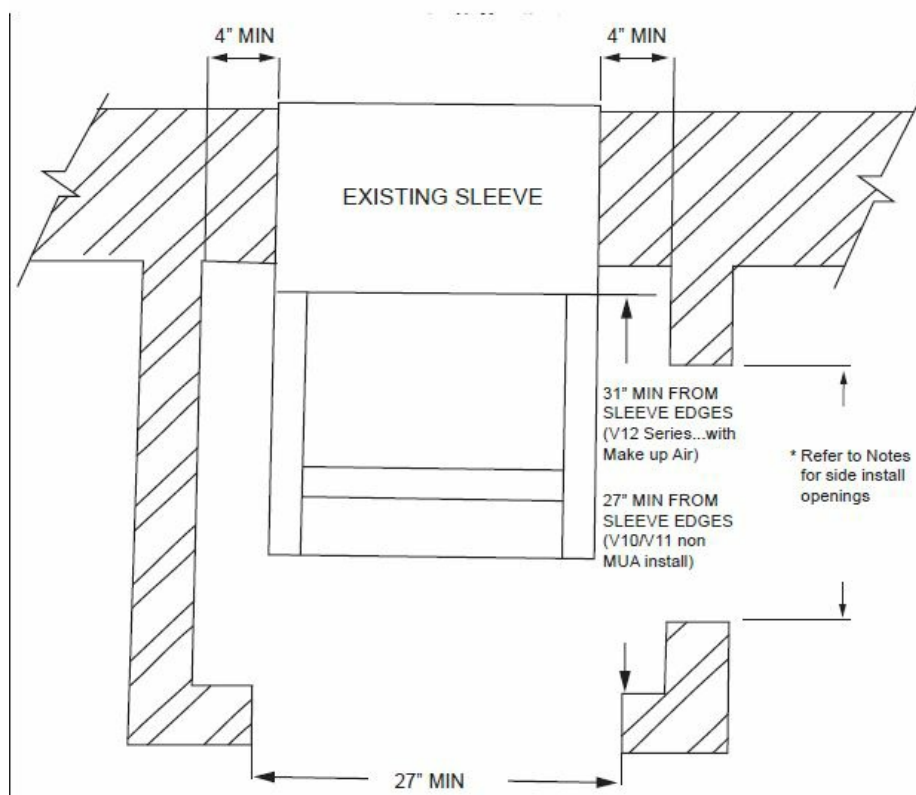
Secure the Transition Plenum using the provided screws. Follow the manual instructions for the specific number and placement of screws based on the selected diverter plate.

1. **RAVTRANS1CO** will fit an existing First Company VTAC plenum with a 21 3/8" wide by 43 3/4 inch tall plenum

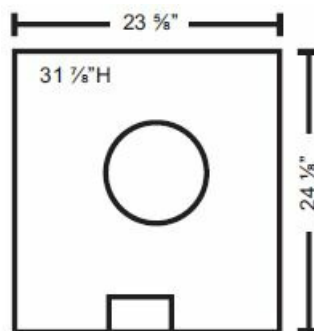
## STOP!

Critical Closet Dimensions apply. Please review these required clearances & read the entire manual before proceeding, to ensure that this kit will work for your application!

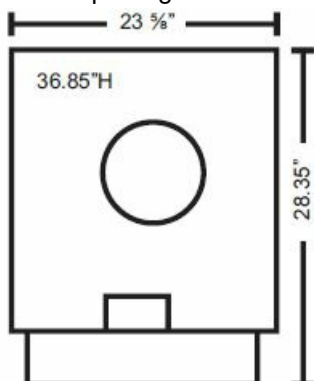
- **A. Closet: Top View**



- **B. V10 or V11Series Unit: Top View**



**NOTE:** For side installation configuration a service opening of 27" is recommended



**NOTE:** For side installation configuration a service opening of 31" is recommended

- \* Warning – some 1st company access panels may not meet minimum opening requirements listed here, and may require reframing.
- A duct adapter may also need to be constructed to adapt the round ducting to the existing rectangular ducting.

#### Tools Needed:

- Phillips Screwdriver
- 5/16" Nut Driver
- Reciprocating Saw (front install only)
- Circular Saw or Table Saw

#### Installation Instructions

#### Parts Included

- Transition Plenum
- 6 self-driller screws (8#12.5mm)
- 24 screws (10#16\*12.5mm)
- PVC elbow and tube for drain
- Diverter baffle plates (3)
- Diverter baffle support legs (4)
- Mounting bracket plates (3)
- Screws (2 pre-installed on MUA plate)#10-16 16.6 X12.5mm)
- Screws (4 self tapping) 4.2\*25mm





## Installation Overview

- Adapter plenum shown installed without RAVDPLAT instar platform and installed with 3 mounting brackets in bent configuration .



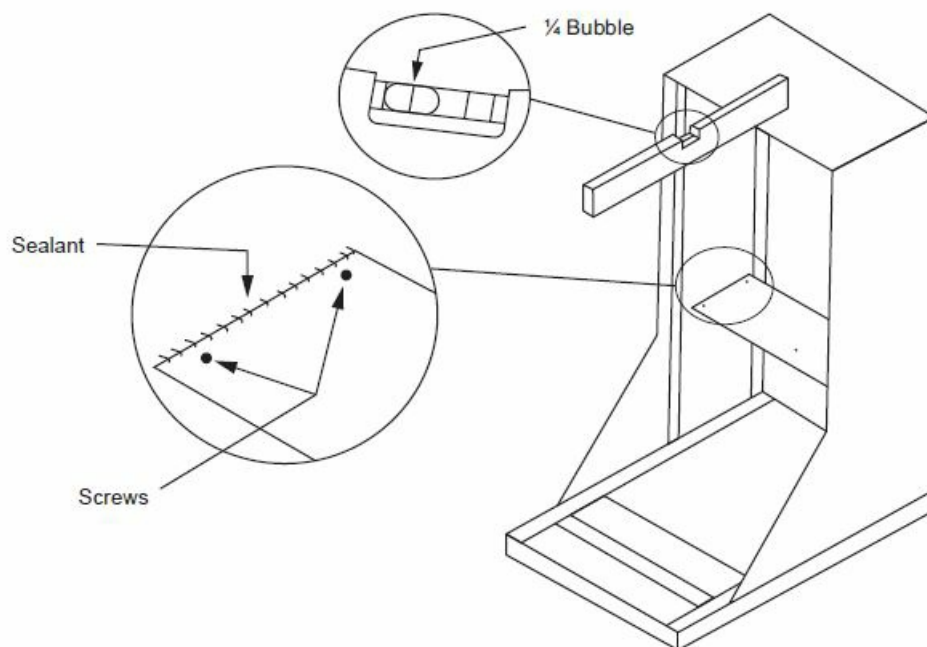
## Installation Instructions

### • STEP 1:

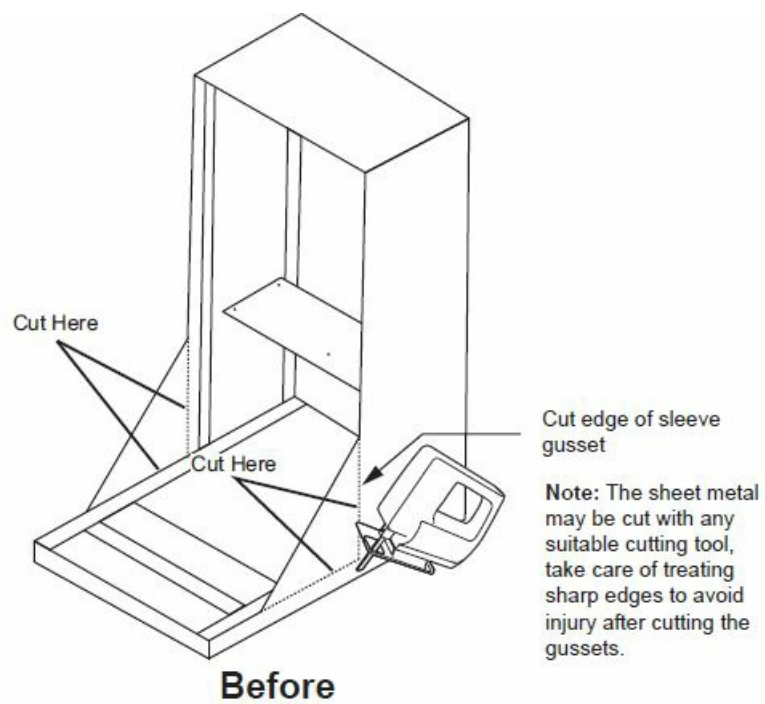
Prepare Installation area by removing the existing First Company VTAC unit.

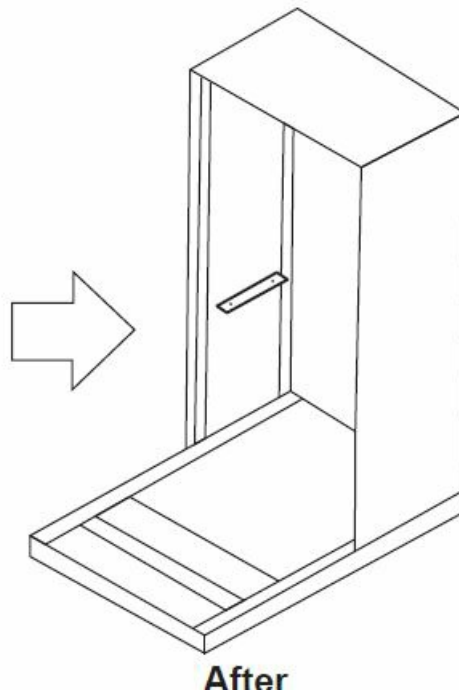
**WARNING** Risk of Electrical Shock, can cause injury or death. Before servicing, switch power off at the service panel and lock the area to prevent power from being switched on accidentally.

- **STEP 2:** Ensured existing pens is installed correct in the wall with at least a but it tire towards the sound discard it.



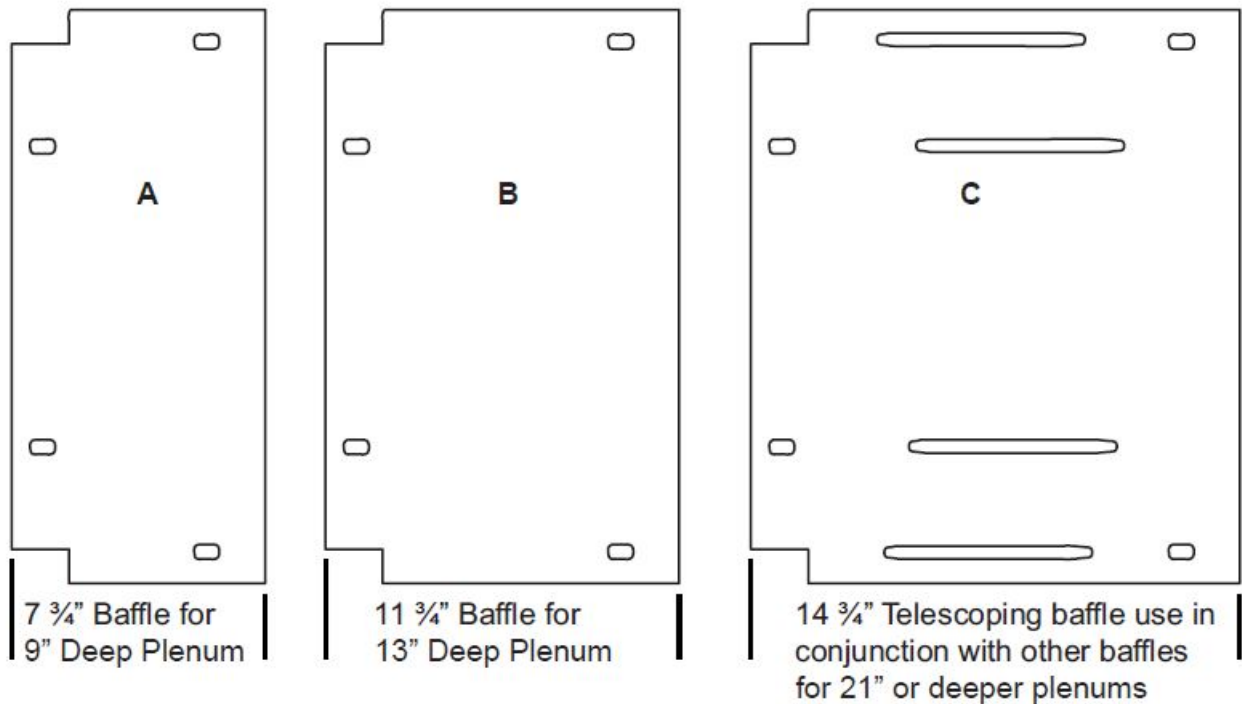
- **STEP 3** :If your First Company Plenum has the lower triangular gussets, cut out the triangular gussets:



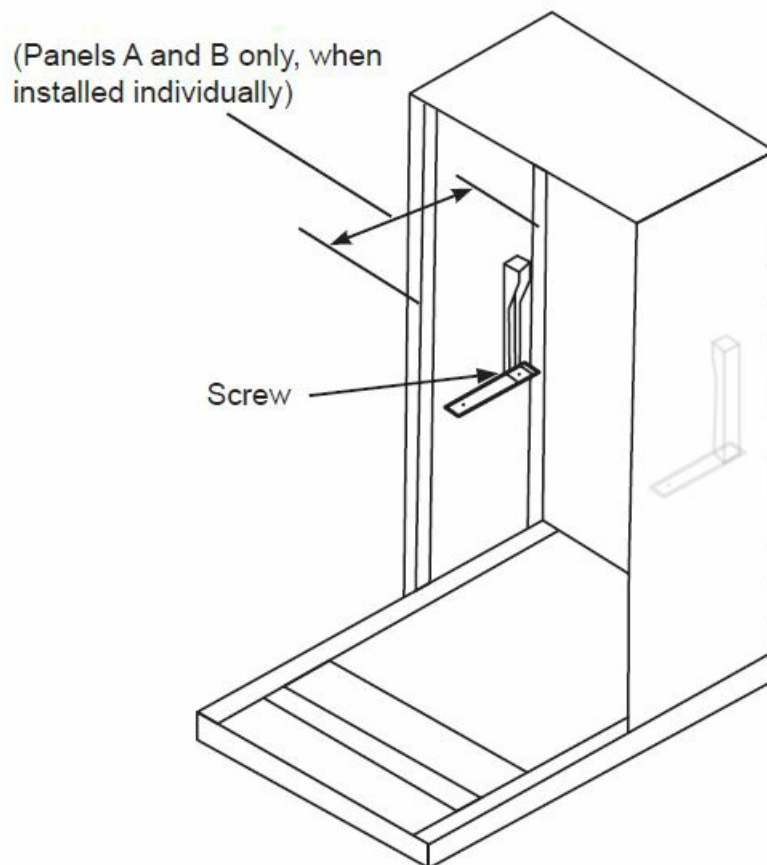


- **STEP 4** Determine the size of the new baffle needed to be installed. The parts included can provide for the following depths:

**Note:** To determine the correct baffle depth needed, refer to image in step 5.

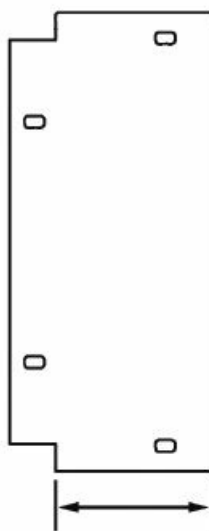


- **STEP 5:** Install 2 rear baffle extension legs as shown and secure with sheet metal screws if installing a single piece baffle.

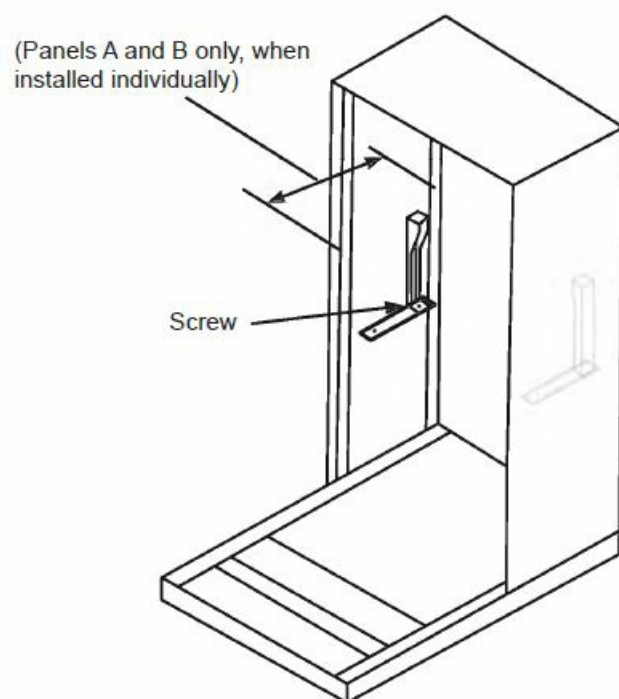


- **STEP 6:** If installing a 2-piece baffle configuration (for deeper plenums only) that requires 2 baffle plates to be used in tandem, install the front 2 baffle extension legs: (When installing A+C or B+C baffle plates)

Measure the depth of the rear flange to the plenum gasket to determine desired baffle depth

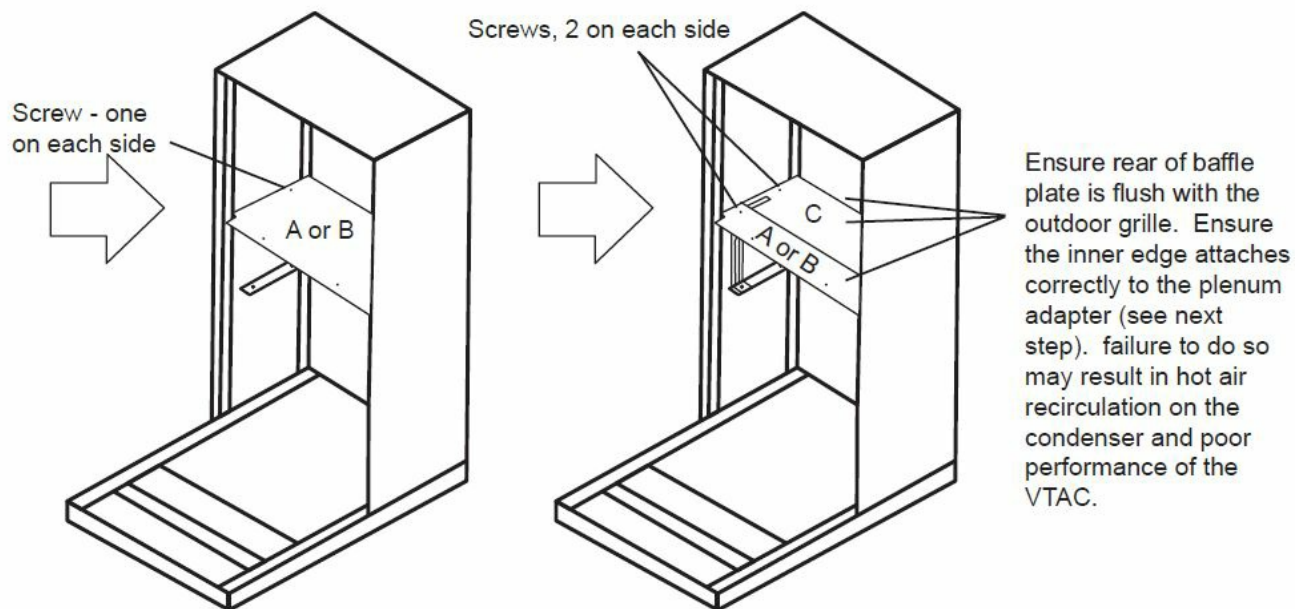


Baffle depth to match plenum measurement



- **STEP 7:** Install the previously selected baffle plate and secure it with either 4 or 6 screws (depending on the depth of the baffle plate selected):

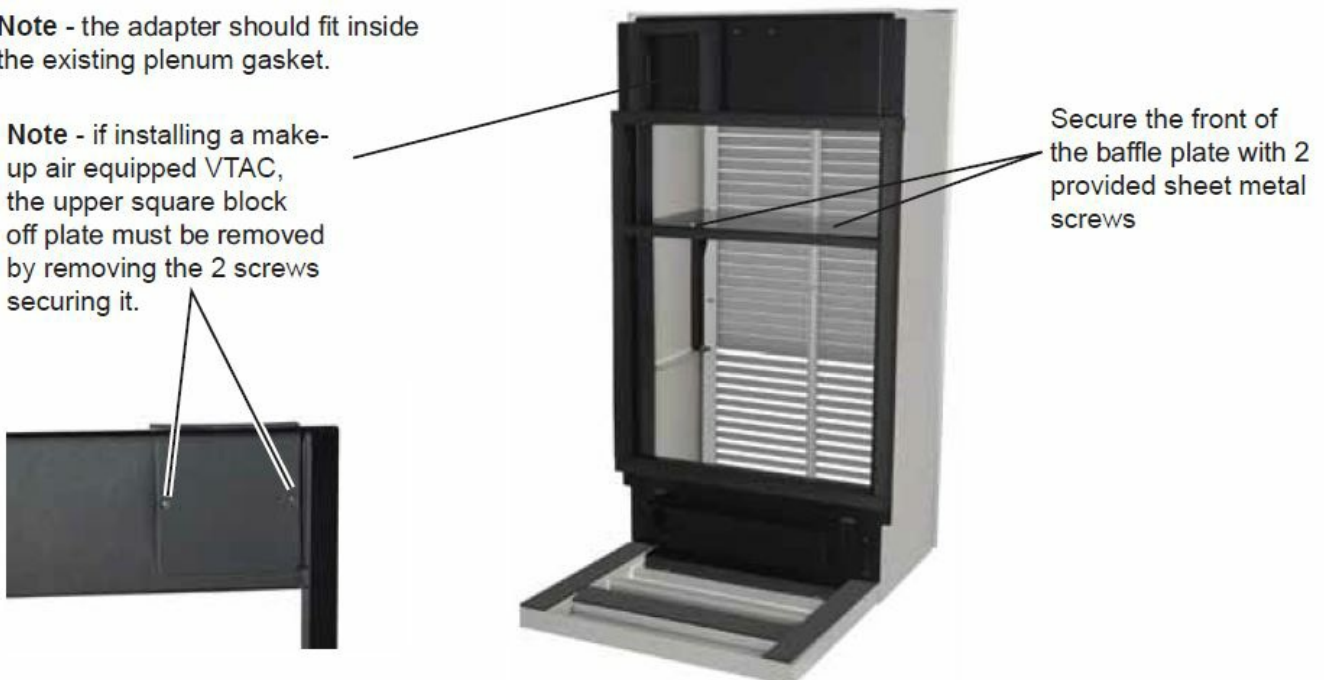




- **STEP 8:** plenum: Note – the adapter should fit inside the existing plenum gasket Install plenum adapter. Start at the bottom, and insert the adapter until it is flush with the existing First Company

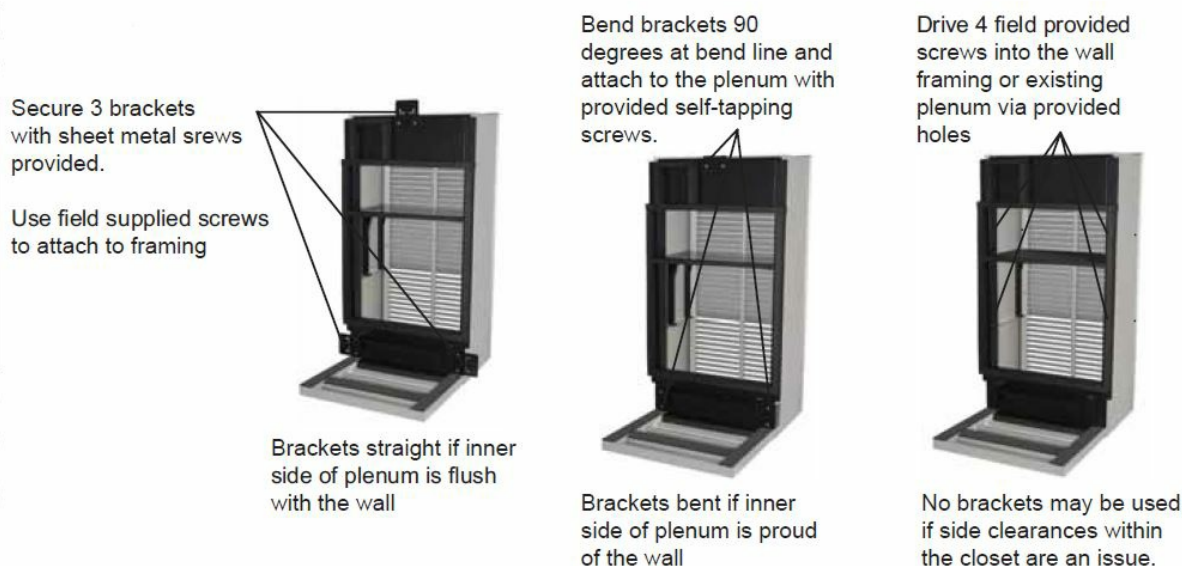
**Note** - the adapter should fit inside the existing plenum gasket.

**Note** - if installing a make-up air equipped VTAC, the upper square block off plate must be removed by removing the 2 screws securing it.



- **STEP 9:** Secure the plenum adapter: • If the Plenum extends into the closet, beyond the drywall, manually bend the 3 installation brackets 90 degrees and secure the brackets as shown with 4 screws between the adapter and the plenum. • If the plenum is flush with the closet wall, you may either install the 3 installation brackets flat against the wall and secure with 4 screws going into the studs as shown, OR you may drive 4 screws into the sides of the adapter as shown through the plenum and into the studs.

- **Installation Options:**

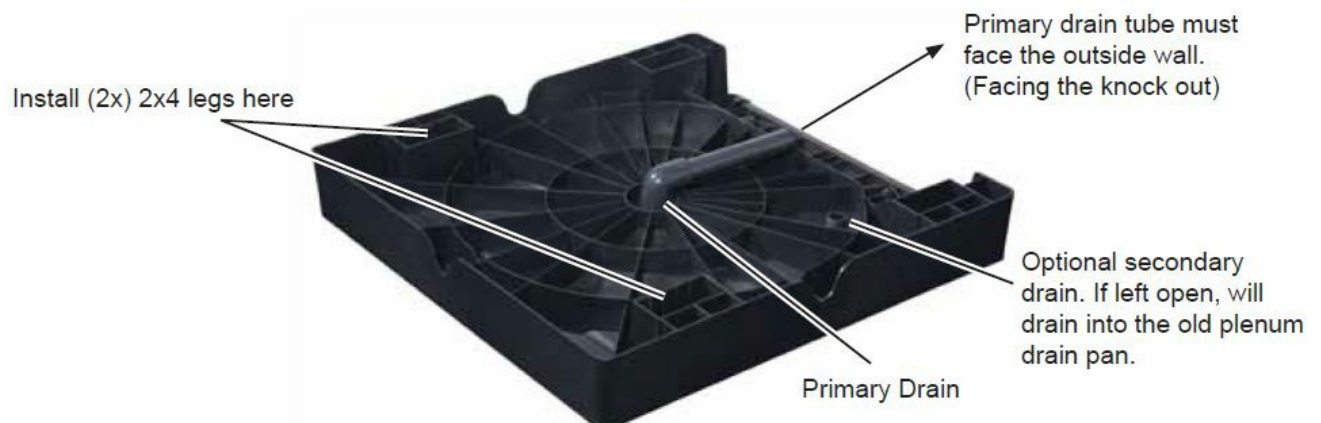


- **STEP 10:** Measure and cut 2x4 legs for RAVDPLAT installation. The legs must be cut to install a level installation of the platform. With the RAVDPLAT in place and level, measure from the bottom of the platform and add 3 inches for the length of the legs • The legs must be cut to install a level installation of the platform. With the RAVDPLAT in place and level, measure from the bottom of the platform to the floor and add 3 inches for the needed length of the legs



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- **STEP 11:** PVC drainage pipe installation and optional secondary drain options (field supplied). Install the primary drain tube supplied with the kit pointing straight towards the outdoor grille. A secondary drain is available in the platform, and may be left open or plumbed to the outside.



◦ **Note** – this would be a good time to ensure the original first company plenum drain is functional

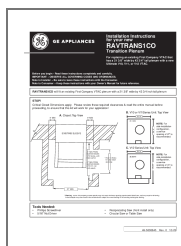
- **STEP 12:** Install RAVDPLAT, ensure levelness.

At this point, it is recommended to test the drainage by pouring a cup of water onto the drain platform to ensure it functions properly without any leaks.



- **STEP 13:** Install your new Ultimate V10, V11, or V12 VTAC per the instructions included with the unit.

## Documents / Resources



[GE APPLIANCES V10 RAVTRANS1CO Transition Plenum](#) [pdf] Instruction Manual  
V10 RAVTRANS1CO Transition Plenum, V10, RAVTRANS1CO Transition Plenum, Transition Plenum, Plenum