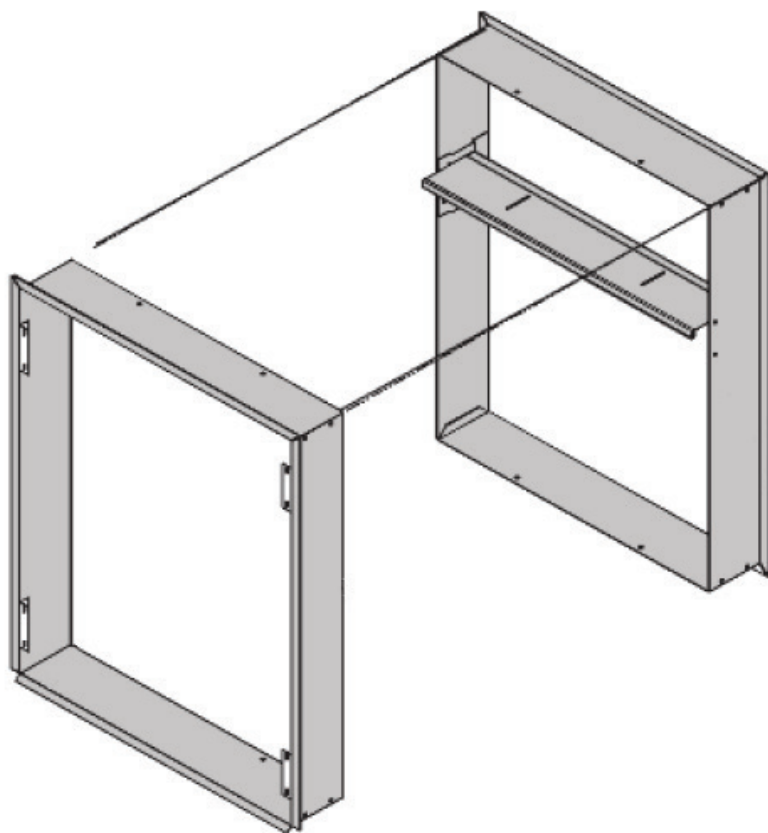


# Exterior Wall Adapter, Louver and Drain Pan INSTALLATION INSTRUCTIONS



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## WARNING

Only personnel that have been trained to install, adjust, service or repair(hereinafter, "service") the equipment specified in this manual should service the equipment. The manufacturer will not be responsible for any injury or property damage arising from improper service or service procedures. If you service this unit, you assume responsibility for any injury or property damage which may result. In addition, in jurisdictions that require one or more licenses to service the equipment specified in this manual, only licensed personnel should service the equipment. Improper installation, adjustment, servicing or repair of the equipment specified in this manual, or attempting to install, adjust, service or repair the equipment specified in this manual without proper training may result in product damage, property damage, personal injury or death.



## Exterior Wall Adapter and Louver

For use with VTAC units only.

**NOTE:** The following installation instructions apply to VTAC units only. Refer to Chasis Installation / Operation Manual for additional information.

### Included Parts

| PART                      | QNTY  |
|---------------------------|-------|
| Outside Assembly (Part A) | 1 ea. |
| Inside Assembly (Part B)  | 1 ea. |

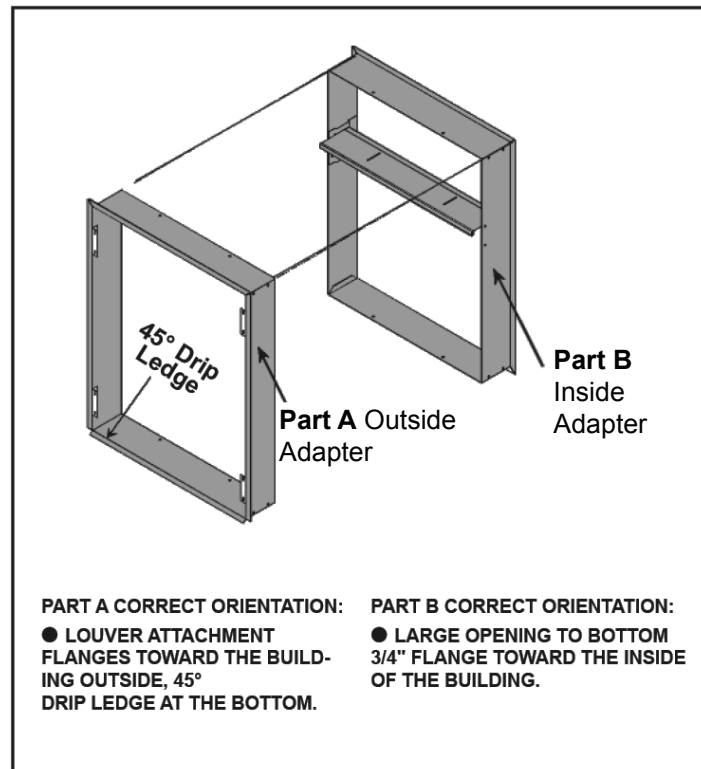


Figure 1

### Field Supplied Parts

| ITEM                                                           |
|----------------------------------------------------------------|
| Sealant                                                        |
| Flashing                                                       |
| Header Materials / Wall Studs                                  |
| Shims                                                          |
| 1" –3" Screws to attach the Adapter assembly to the wall studs |

Caulk, Attachment screws and Flashing are field supplied. Silicone caulk is recommended.

AVEWA05-08A adjusts for walls 5.5 - 8.0" thick.

AVEWA08-14A adjusts for walls 8 - 14.0" thick.

Both installations are similar.

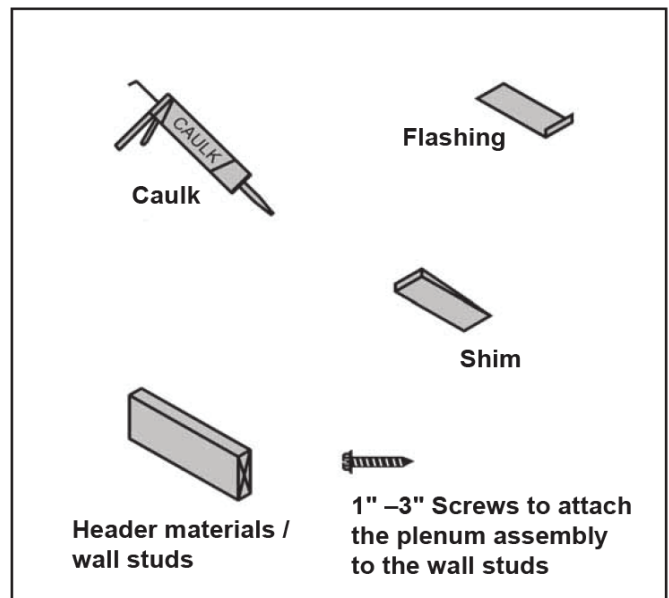


Figure 2

### Installation

1. Measure and frame out the outside Exterior Wall Adapter.

**NOTE:** Determine what model is to be installed. All 9-18k AVC 9-12k AVH units must follow the dimensions in Figure 3. All 18-24k AVH & 24k AVC units must follow the dimensions in Figure 4.

The adapter cut out dimensions are 24 5/8" wide x 30 7/8" high. The bottom of the rough in opening must be 3/4" from the surface the unit will sit on.

Measure your outside wall as shown in the illustration. Cut, frame, and square rough opening. The Exterior Wall Adapter has a 3/4" break all the way around to cover the rough cut opening or required shim.

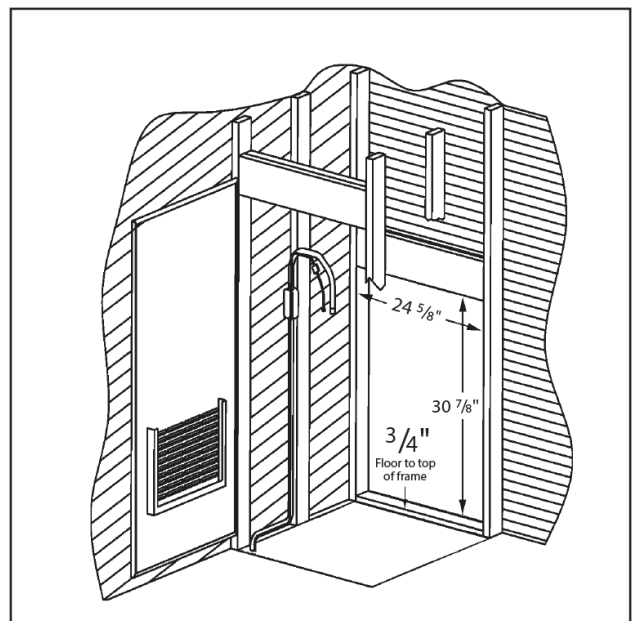


Figure 3  
9-12k AVH & 9-18k AVC

The Adapter cut out dimensions are 24 5/8" wide x 30 7/8" high. The bottom of the rough in opening must be 1 1/2" from the surface the unit will sit on.

Measure your outside wall as shown in the illustration. Cut, frame, and square rough opening. The Exterior Wall Adapter has a 3/4" break all the way around to cover the rough cut opening or required shim.

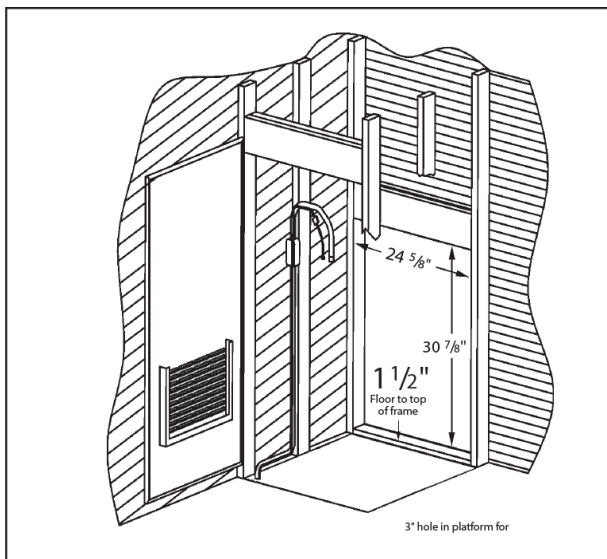


**Figure 4**

24,000 Btu/h

**IMPORTANT:** The Exterior Wall Adapter is not designed to carry structural loads. A proper header opening must be built into the rough opening. The Adapter requires flashing, shim and caulk for a weather-resistant installation. It is the responsibility of the contractor to properly install the Adapter and meet building code requirements.

## 2. Install Architectural Louver on the Outside Adapter.

**NOTE:** The AVAGK01CB Architectural Louver is best installed onto the Outside Adapter (Part A) **PRIOR** to the Exterior Wall Adapter installation. The louver installation is easier at this point, and it will help keep the Exterior Wall Adapter square during installation.

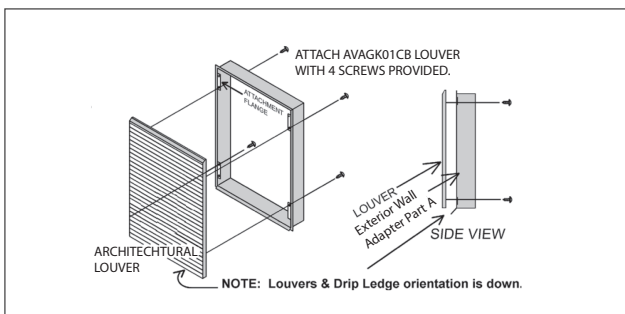


**Figure 5**

## 3. Adapter installation.

**NOTE:** Proper header and wall penetration must conform to all national and local building codes.

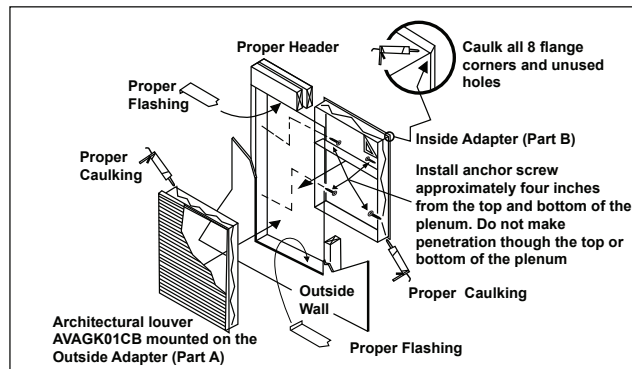


**Figure 6**

After the rough cut opening is prepared, you are ready to assemble the two Exterior Wall Adapter parts. Before caulking and permanent attachment, dry fit the outside Adapter into the rough opening and check for fit and level. Caulk (silicone recommended) the parts well and insert them into the wall as shown.

A) Apply caulk and insert Outside Part A into the hole.

B) Apply caulk and insert Inside Part B into Part A. Be sure that Part A does not back out of the wall hole.

#### 4. Adjust the Divider

Loosen the two screws located on the top side of the divider. Slide the top part of the divider toward the outside until the sealing strip makes contact with the outdoor louver. Tighten the divider screws to complete the adjustment.

**NOTE:** Let the caulk cure completely before installing the chassis. This completes the Adapter installation.

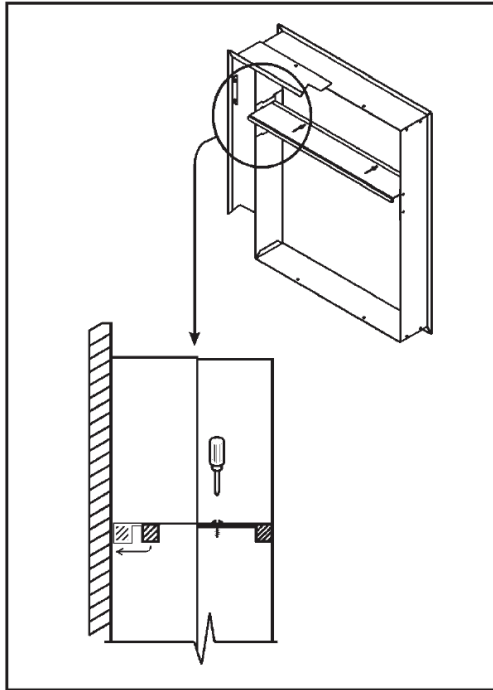


Figure 7

#### Condensate Disposal Preparation for 9000 / 12000 Models ONLY

**IMPORTANT:** This step must be performed to ensure that the chassis installs and seals properly in the Exterior Wall Adapter.

If provisions for condensate disposal are made prior to chassis installation and the drain is to be located beneath the platform for the unit, use the accompanying drawing as a guide for cutout locations. Only one drain per unit is required.

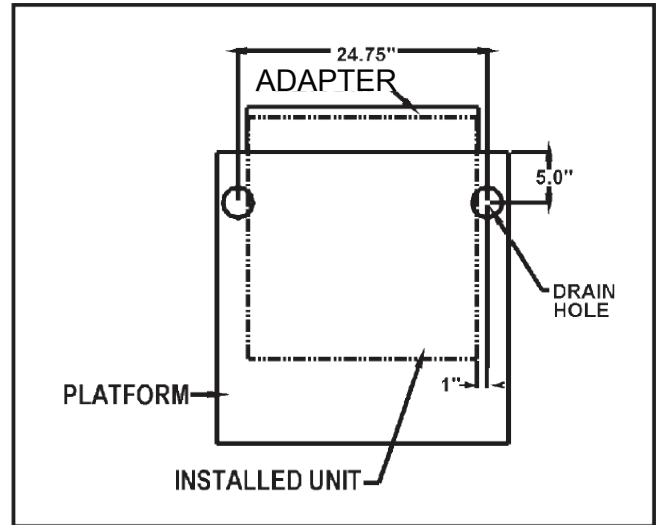


Figure 8

#### Drain Pan Installation

For use with VTAC units only.

**NOTE:** This drain pan must be installed with all AVH18, AVC24 and AVH24 units.

##### 1. Cut Opening in Gasket

Remove an 8" portion of the weather seal gasket from the bottom left surface of the Adapter.

- Cut the gasket in the lower left corner of the Adapter.
- Make a second cut 8" from the left corner. The gasket should peel away from the Adapter leaving a clean mounting surface. (See Figure 1)

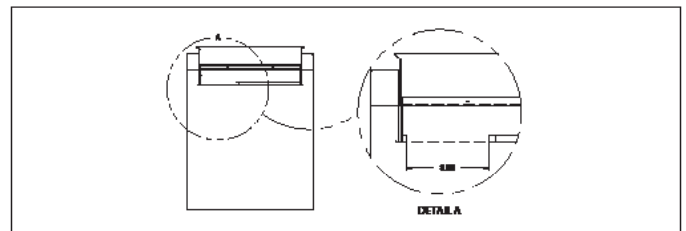


Figure 9

## 2. Seal and Set Pan

Prior to placing the drain pan into the opening run a 1/4" bead of sealant the entire width of the removed gasket. The secondary overflow lip must extend into the Adapter to prevent water leaks. The pan should be mounted against the 3/4" flange of the Adapter, refer to view A.

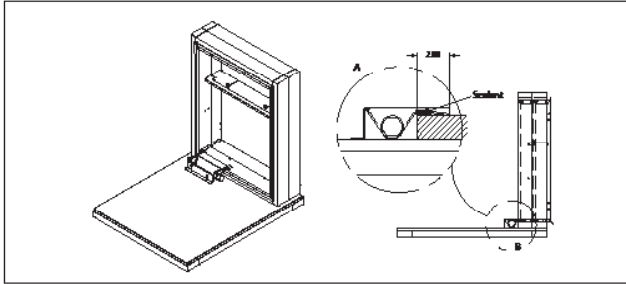


**Figure 10**

## 3. Install Drain Pan

Attach the drain pan to the closet floor with the appropriate field supplied hardware.

**Important:** To prevent water leaks use only the factory supplied mounting holes. NEVER make penetrations in the drain pan itself.

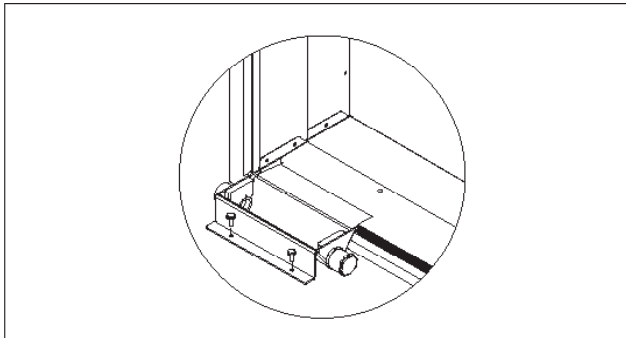


**Figure 11**

## 4. Install Drain Plug

The drain pan comes with both left and right-hand drain connections locations. Determine which of the two connections will be used to drain the condensate. Then, with the factory supplied drain plug, plug the unused opening.

**Important:** Proper sealant must be applied to the connection to prevent leak.

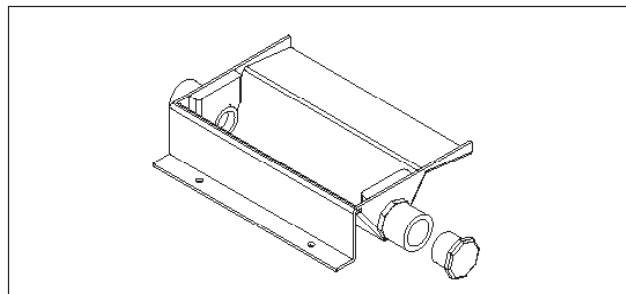


**Figure 12**

5. Install Drain Line

Condensate line routing options are shown below.  
Choose the one that best suits your installation.

**Important:** Never run the condensate line as shown in Option 4 below, as the drain line will come into contact with the factory-installed isolators beneath the unit.

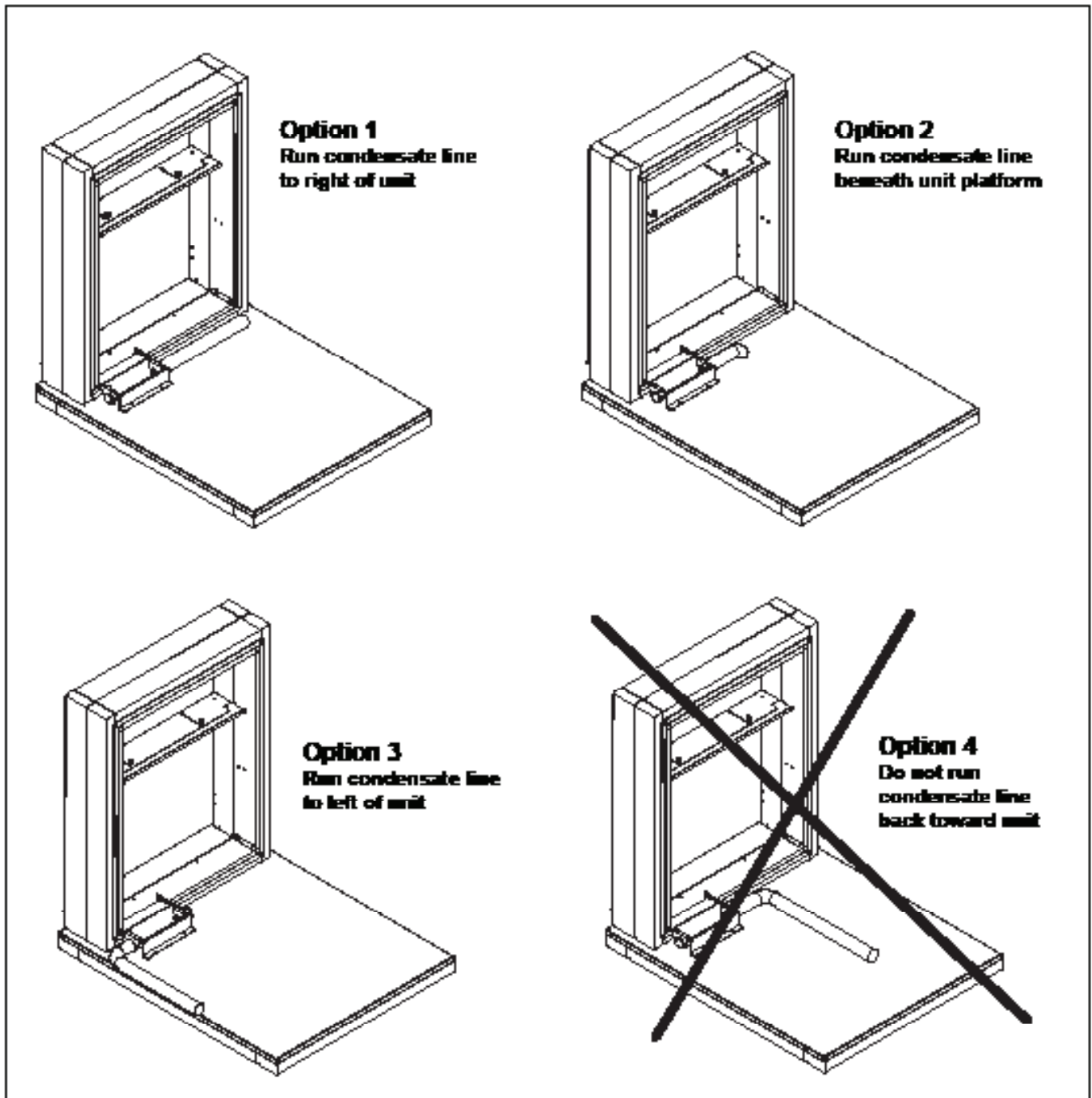


Figure 13

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