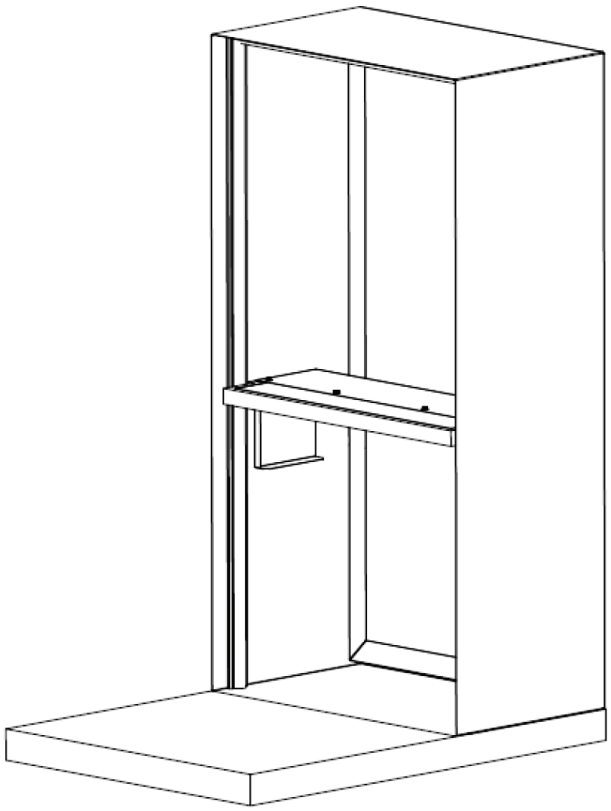
SLEEVE ADAPTER KIT
INSTALLATION INSTRUCTIONS



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PROP 65 WARNING
FOR CALIFORNIA CONSUMERS

⚠ WARNING

Cancer and Reproductive Harm -
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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 servide 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 servise 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.

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Sleeve Adapter Kit

For use with 9K-18K AVC and 9K-12K AVH VTAC Air Conditioner and Amana / First Company® SPU Series wall sleeve

NOTE: The following installation instructions apply to the Amana AVAKFC01A Sleeve Adapter Kit. This kit is designed to adapt the 9K-18K AVC and 9K-12K AVH VTAC chassis into an existing Amana / First Company® SPU Series wall sleeve only.

There are no provisions for adapting supply ductwork, electrical connections, or condensate drain lines. These items remain the responsibility of the equipment owner.

STOP!

Critical Closet Enclosure Dimensions Apply! (See Figure 1)
Please read entire instruction manual before proceeding!

Verify Closet and Doorway Dimensions

Important! Verify that closet meets minimum clearance requirements prior to proceeding with installation. (See Step 1 below and Figure 1)

The following clearance dimensions are required to allow replacement VTAC chassis and adapter to fit into the existing closet enclosure:

1. The closet width must have a minimum clearance of 4 ¼ " on either side of the existing sleeve. (See Figure 1A)
2. The closet depth must have a minimum of 27" from the existing sleeve edge to the front of the closet. (See Figure 1A)
3. The closet/doorway opening must be a minimum of 27". (See Figure 1A)
4. There must be a minimum of 6" from the bottom of the sleeve tray to the closet floor. (See Figure1B)

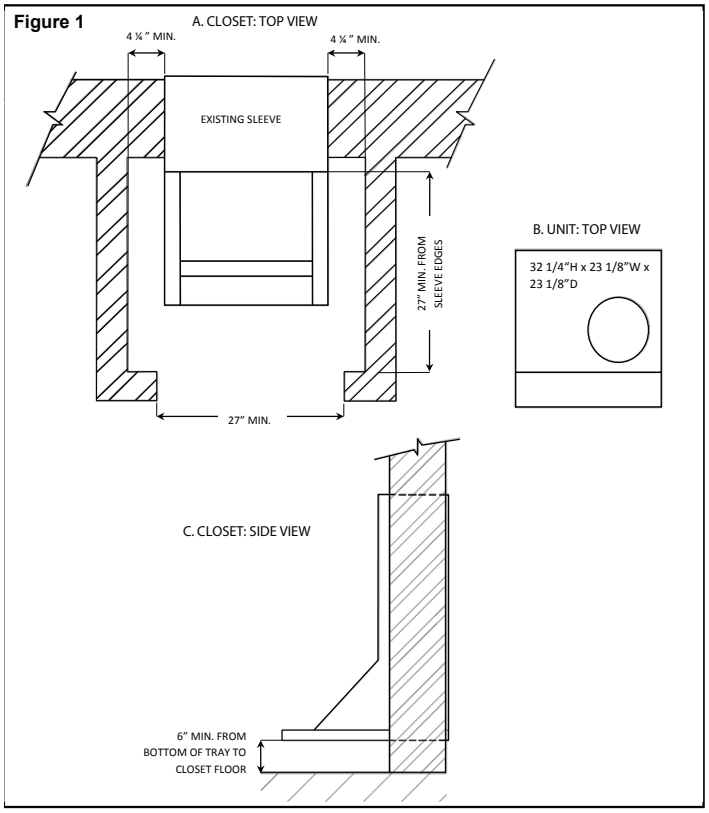

Figure 1

Check Included Parts

Important! Make sure the box contains all parts listed below. Inspect for defective parts. Be sure to verify the adapter dimension. i.e.:23" ID. 19 5/8" OD and 41 3/4" (See Figure 2)

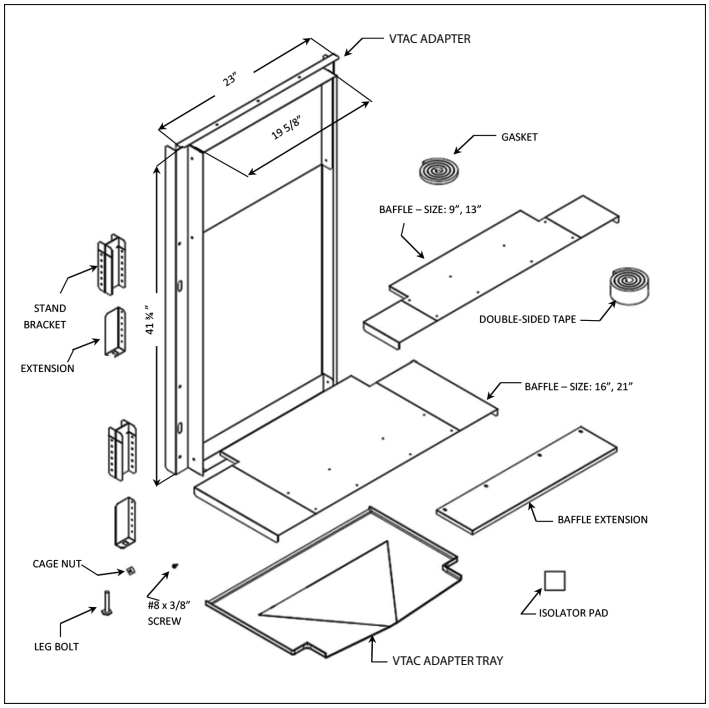

Figure 2

Included Packaging Contents:

PART	QNTY
AVAKFC01A (9530300) Installation Manual	1 ea.
VTAC Adapter	1 ea.
Baffle for sleeve - Size: 9, 13	1 ea.
Baffle for sleeve - Size: 16, 21	1 ea.
Baffle Extension	1 ea.
#8 x 3/8” Screw	8 ea.
Stand Brackets Extension	2 ea.
VTAC Adapter Tray	1 ea.
3/8” x 3/8” x 28” L Adhesive Gasket	1 ea.
Stand Brackets	4 ea.
Cage Nuts	2 ea.
Leg Bolts with Isolator Pad	2 ea.
Double-sided Tape	2 ea.

Check Field Supplied Parts

Important! Make sure you have the following parts and tools before attempting installation. Proper clothing, shoe attire, gloves and eyewear protection is recommended.

Field Supplied Parts and Tools required*

ITEM
#8 and #10 Hex-Head Driver or Drill
Reciprocating Saw (Jigsaw) with metal-cutting blade
Level
Tape Measure
Silicone Caulking
(16) #8 sheet metal self-drilling screws
1/2” Ratchet
(2) Drywall Screws

**For installations where the unit is mounted more than 12” above floor, you will also need a scrap of 2” X 4” lumber.*

WARNING

HIGH VOLTAGE
DISCONNECT ALL POWER BEFORE SERVICING OR INSTALLING THIS UNIT. MULTIPLE POWER SOURCES MAY BE PRESENT. FAILURE TO DO SO MAY CAUSE PROPERTY DAMAGE, PERSONAL INJURY OR DEATH. DO NOT SERVICE THIS UNIT WITHOUT FIRST SHUTTING OFF POWER TO THE UNIT FROM THE CIRCUIT BREAKER AND/OR REMOVING THE UNIT CORD SET PLUG FROM THE WALL OUTLET.

Prepare Existing Sleeve

Important! Your adapter will work only if existing wall sleeve is installed with a ½ bubble slope towards the outside to accommodate for proper condensate flow.

1. Check pitch of sleeve. Must be pitched at least 1/2 bubble (.35”/ft) to outside. (Figure 3)
2. Remove existing baffle. Remove screws and detach from supporting flanges. Cut sealant.
3. Cut edge of sleeve gusset flush or below gasket line using reciprocating saw. (Figure 4)
   Tip: Angle blade to ensure gasket remains intact and without damage.
4. Clean existing sleeve and gaskets. Do not use solvent, instead use warm soapy water.
5. Measure sleeve depth. It should measure 9, 13, 16 or 21 inches deep.

CAUTION

CUT / SEVER HAZARD
SOME EDGES MAY BE SHARP, USE GLOVES OR OTHER HAND PROTECTION WHEN HANDLING UNIT.
FAILURE TO DO SO CAN RESULT IN MINOR TO MODERATE PERSONAL INJURY.

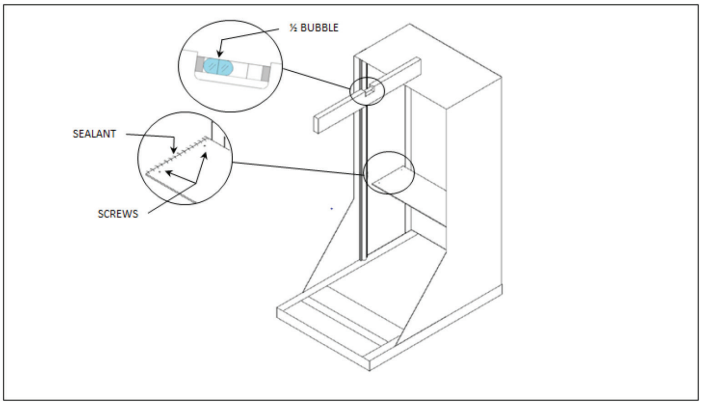

Figure 3

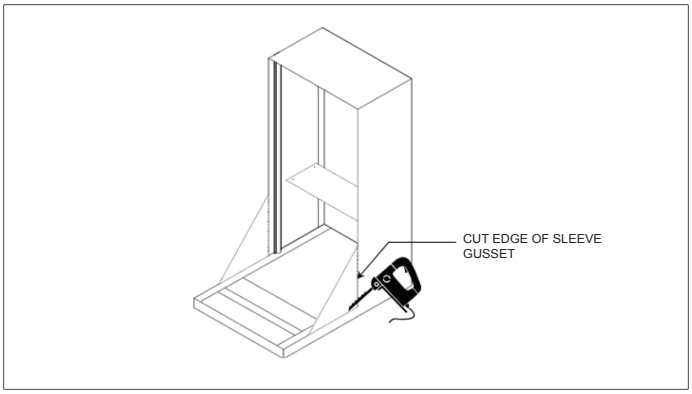

Figure 4

Install Amana Baffle

Bend the designated baffle (9”, 13” or 16”, 21” depth) at the perforation. (See Figure 5)

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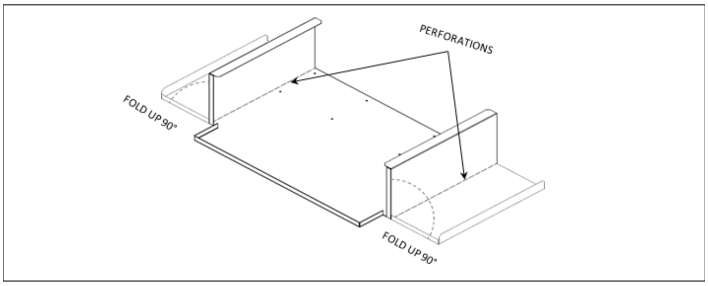

Figure 5

1. On 13” & 21” *Depth Aplications Only*: Attach the baffle extension with 4 supplied screws. (See Figure 6)
2. Attach supplied gasket to designated baffle. (See Figure 6)

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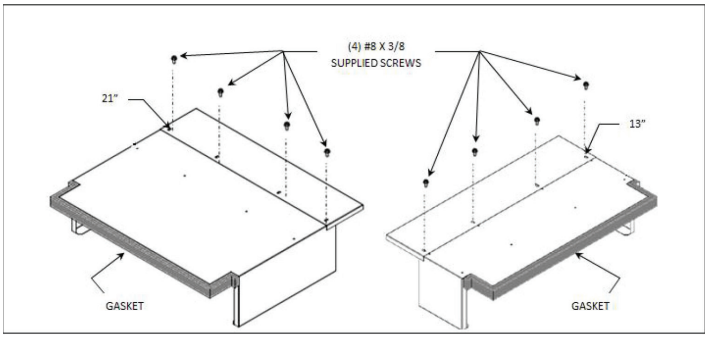

Figure 6

Install the newly prepared Amana baffle by placing onto the supported flanges of the sleeve. (See Figure 7)

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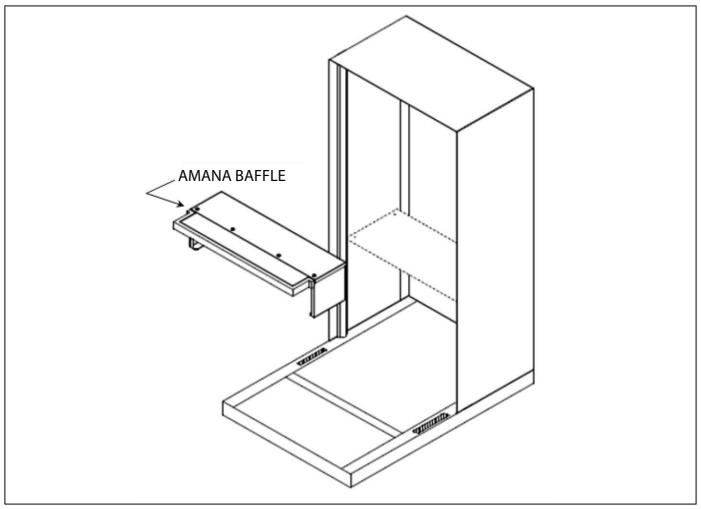

Figure 7

Secure baffle to the wall using #8 sheet metal self-drilling screw on both sides. (See Figure 8)

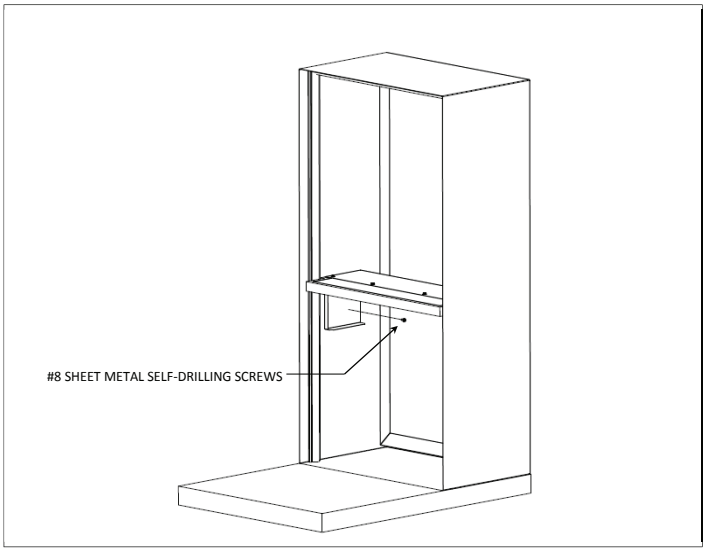

Figure 8

Install VTAC Adapter Tray

1. Apply double-sided tape on gasket (as shown) to assist in the installation. (See Figure 9)
2. Insert tray lip between the sleeve gasket and align tray shoulder flush against sleeve vertical edge.
3. Once you have verified that tray is flush with cut sleeve, press tray into place with double-sided tape. *Tip: It's important to verify tray alignment before pressing tray into place. Double-sided tape will be difficult to remove if alignment is incorrect.*

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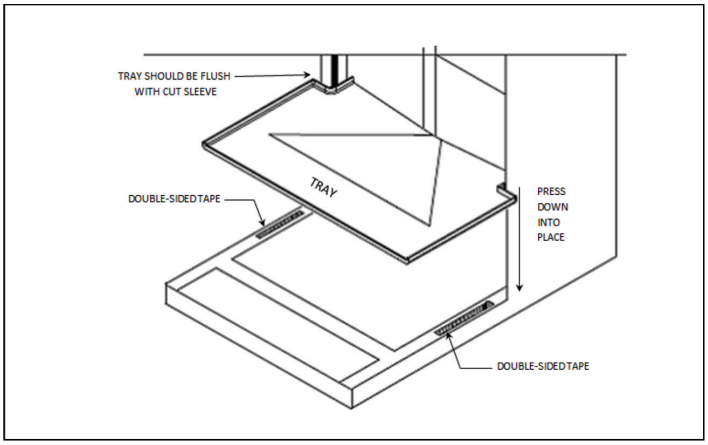

Figure 9

Install VTAC Adapter

1. Unpack new Amana VTAC A-Series unit. Make sure the red drain plugs are in place prior to installation. (See Figure 10A) Use 1/2" Ratchet to tighten the drain plugs if necessary.
   Tip: See VTAC A-Series Installation & Operation Manual for more information.
2. Tilt VTAC down on pallet that came with the shipping as shown on Figure 10A.
3. Place 23" ID-side of adapter over backside of VTAC. Line up adapter to the 2 bottom holes of the VTAC and mark each VTAC screw that lines up with the 4 adapter slots. Place adapter aside and remove the remaining (unmarked) 5 screws that do not align with the slots, and set them aside in a secure place for later use. (See Figure 10B)
4. Slide adapter up into place, making sure that adapter hem is latched securely into cover flange. (See Figure 10A-A)
   Tip: If adapter placement is correct, the 5 screw holes should now align.
5. Place 23" ID-side of adapter over backside of VTAC. Secure adapter flush to VTAC by reinstalling the 5 screws into the now visible holes.
6. Remove the back VTAC isolating foot (underside of unit, closest to adapter) by removing screws. Once foot is removed, replace both screws back into unit.

Note: Refer to Amana / First Company® Installation Manual for detailed information on removal of Amana / First Company® Unit

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CAUTION

EXCESSIVE WEIGHT HAZARD
USE TWO OR MORE PEOPLE WHEN INSTALLING YOUR AIR CONDITIONER.
FAILURE TO DO SO CAN RESULT IN BACK OR OTHER INJURY.

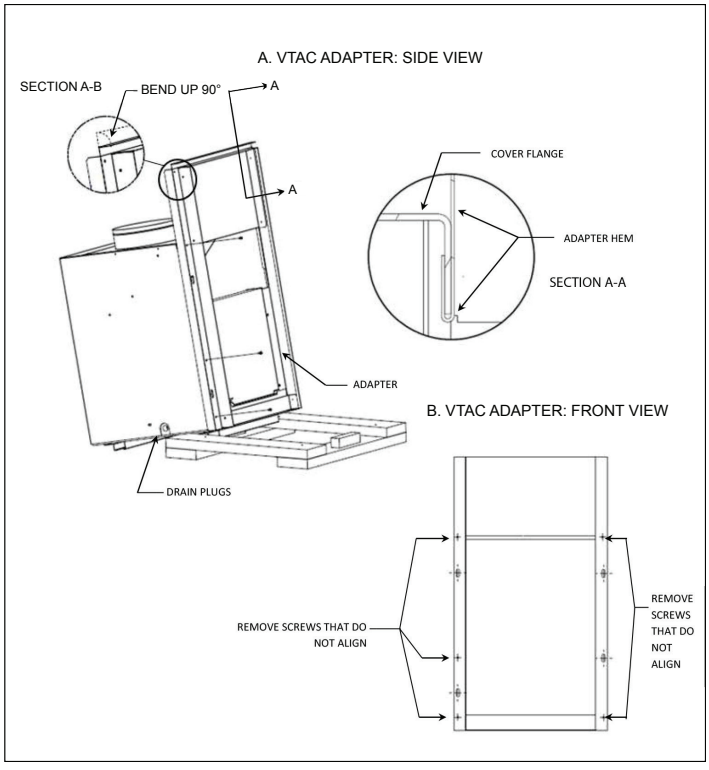

Figure 10

VTAC and Stand Installation

Important! Make sure you read all directions below before starting this step.

1. Lift and place new VTAC unit (along with attached adapter) onto tray and push flush against existing sleeve. When correctly installed, sleeve gasket will press against top of adapter.
2. The top of adapter will overlap the top of the existing sleeve. Secure with at least 2 #8 sheet metal self-drilling screws through the pre-punched holes immediately. This will hold the unit in position. (See Figure 11A)

Note: If using the 90° bent flange (the Amana / First Company® sleeve is flush with the inner wall), secure the flange to the wall. (See Figure 11B)

3. Measure the height from the bottom of the VTAC to the floor. (See "H" in Figure 11) height.
   A. Height (H) 12" or less: bracket + bracket stand (See Figure 12A)
      1. Slide 2 stand bracket into front isolating foot.
      2. Place supplied cage nut at the bottom of the extension angle.
      3. Insert supplied leg bolt and turn it all the way to end of the thread.
      4. Install extension angle to approximate 1 inch above the ground.
      5. Secure with at least 2 screws.
      6. Unscrew till tight.
   B. Height (H) more than 12": bracket + wood stand (See Figure 12B).
      1. Slide 2 stand bracket into front isolating foot.
      2. Premeasure and cut wood to proper length. Total 2 pieces of wood studs.
      3. Slide wood stud into stand bracket and secure, using at least 2 field supplied #8.
      4. screws per side. (total of 2 screws per stand, 4 for both stands).
4. Refer to the VTAC A-Series Installation and Operation Manual to complete the installation (Electrical, Condensate Drain, Supply Air, etc). Do not unplug the front drain.

Note: Refer to Amana / First Company® Installation Manual for detailed information on removal of Amana / First Company® Unit.

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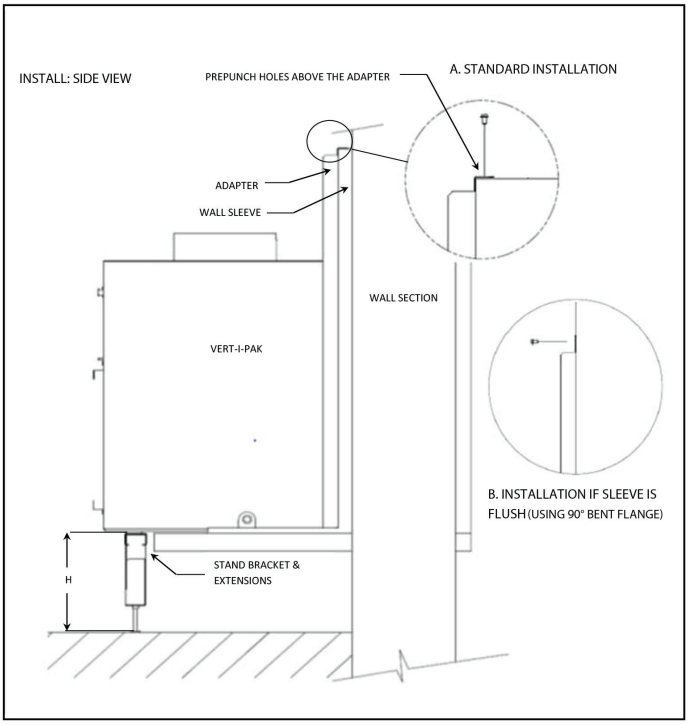

Figure 11

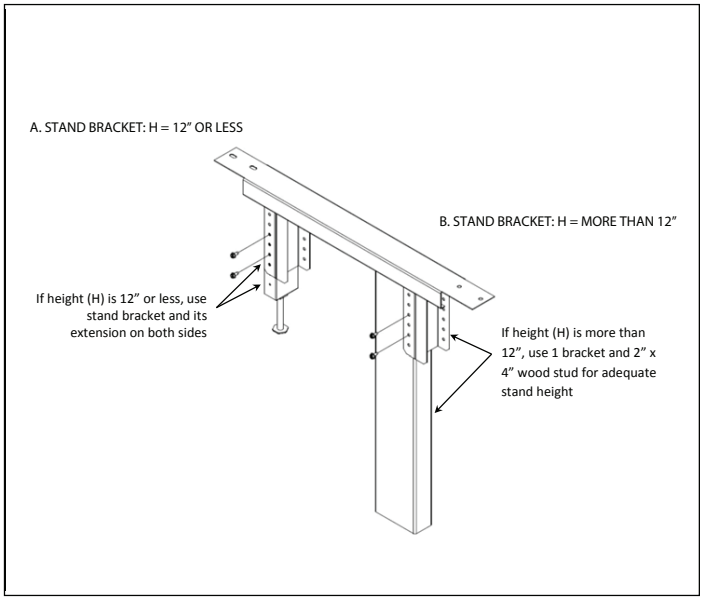

Figure 12

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