

This installation instruction provides written and visual guidance for the installation of a Freedom barrier free 4 or 5 piece shower. An installation video is available on our website www.FreedomShowers.com for any of the above listed product pages.

RECEIVING THE SHOWER UNIT

INSPECTION REQUIREMENTS:

An able-bodied adult must be present during the arrival of your unit to receive, inspect (see *image AP BF 1*) and note on the bill of lading any visual damage to the carton or crate that may have occurred during transit (see *image AP BF 2*). Do not allow the driver to leave until this is done, failure to do so may limit or void your claim with the LTL carrier for repair or replacement.

DELAYED INSPECTION:

If the unit cannot be adequately inspected on the spot (due to inclement weather, or if the driver doesn't allow enough time) we recommend signing the bill of lading with the added note "Subject to Further Inspection." Adding this phrase gives you a small window of opportunity to properly inspect the shipment, even after they leave, in case you need to submit a damage claim. Without this phrase the freight companies are released from liability.

DOCUMENT CONDITION OF CRATE:

Photograph any suspicion of damage for your records and contact Accessibility Professionals immediately (see *image AP BF 3*).



DRY ASSEMBLE:

Now is the time to dry assemble your modular shower prior to moving into the bathroom space. This procedure can be performed on any clean, dry, and open space (see *image AP BF 4*).

SNAP A PHOTO:

Take a picture of the unit now to ensure that:

- You have received the correct panels
- You have received the correct drain location
- The panels and pan are free from damage and defect
- And the panels align properly when assembled prior to installing in the framing pocket.

CHECK ACCESSORIES:

Check all loose accessories to confirm you received what you ordered and inspect for any damage during transit (see *image AP BF 5*). Any defects, damage or misalignment should be photographed and reported immediately to Accessibility Professionals at: **1-877-947-7769**.



HELPFUL HINT

It is wise to delay demolition of the existing bathtub area until you are confident that your unit has arrived intact, and is the correct size and handing.

This way your customer won't be without a working bathroom if you have to wait for a replacement.

Required Tools:



Hammer
1/8" counter sink drill bit
Flat head screw driver
Utility Knife
Plumb bob
Drill with Phillips or Square tool
Caulking Gun

4 Foot Level
2 Foot Level
Bucket 5 gal
Tape Measure
Safety Glasses
Latex Gloves

Materials Needed:

#8 or #10 SS Pan Head Wood Screws
Cardboard
Masking Tape
Shims-wood or composite
1-Tube White or color matching bathroom Caulk
3-Tubes 100% Clear -Silicone Adhesive
Large Wiping Cloths

Denatured Alcohol
Goof off cleaner
Plumbers grease
Plumber's putty
3- 3' lengths 1/2" PVC - plastic pipe (see video)
2" Caulkless Drain

The Following Is A List Of “Quick Connect” Tools & Materials Recommended With Factory Provided Shower Valve Option



Standard ½” Close Coupling MIPT Pex pipe ½” (Red-Hot, White-Mixed, Blue-Cold)	Shark Bite Brand Code Compliant Qty 2 - MIPT x ½” Push On Elbow Qty 1 - MIPT x ½” Push On Coupling Qty 2 - ½’ x ½” Push On Coupling	Qty 1 - Elbow Supply High/Low Eared Shark Bite Brand Fitting Removal Tool Pipe Thread Compound
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QUICK CONNECT FRAMING:

For this option, the framing cove where the valve will be located must be prepared in advance by creating a window size frame to receive pex pipe in a looped pattern to prevent kinking and allow ease of connection from the valve to the water supplies (see image AP BF 6).



PREPARE FRAMING POCKET:

Check the framing pocket to ensure it is sized correctly (see *image AP BF 7*) with the dimensions provided on the Framing Diagrams at the back of these instructions. Next, check the pocket (see *image AP BF 8*) for square, plumb and level and make the necessary adjustments.

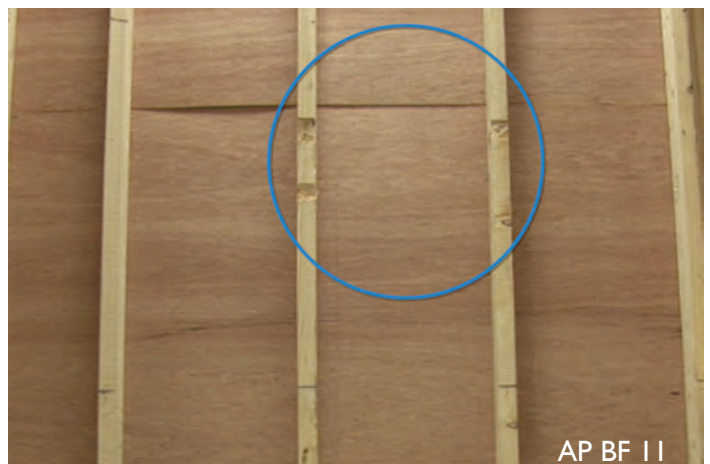
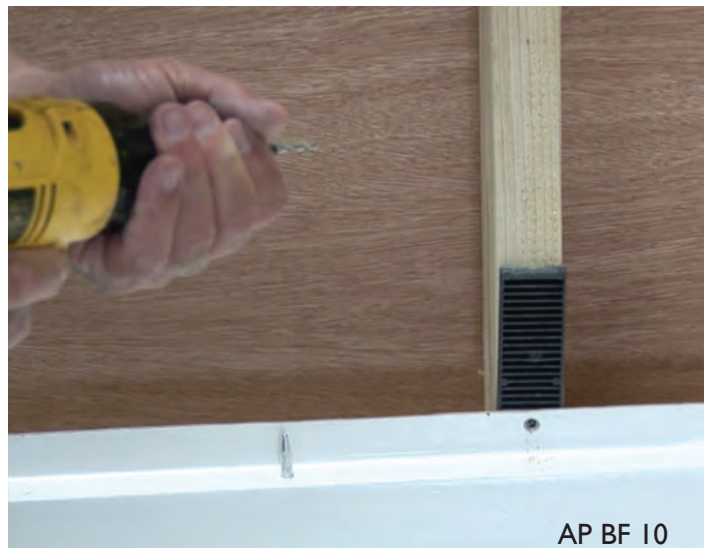
NOTE: Adjustments will likely be needed.



ENSURE THE WALL IS PLUMB

Start by hanging a plumb bob from the top of the framing, beginning at the back wall. THIS IS CRITICAL TO YOUR INSTALLATION (see *image AP BF 9*). In this demonstration, the wall is not plumb.

SOLUTION: Either shim the pan away from the wall (see *image AP BF 10*) OR notch the stud that is bowed in the middle (see *image AP BF 11*).





TIP:

If floors are out of level more than 3/16 of an inch, you must fill the void using a rapid modified thin set or some other material that ensures your base has solid non-flexing support.

INSPECT SUBFLOOR:

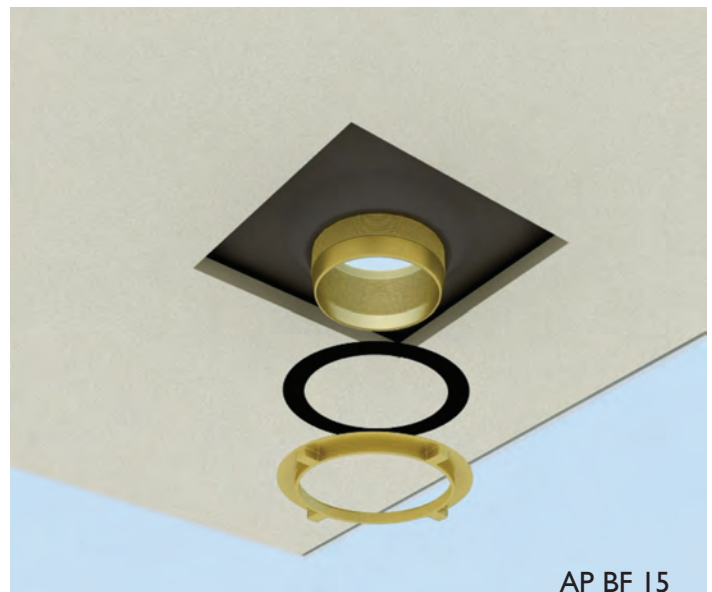
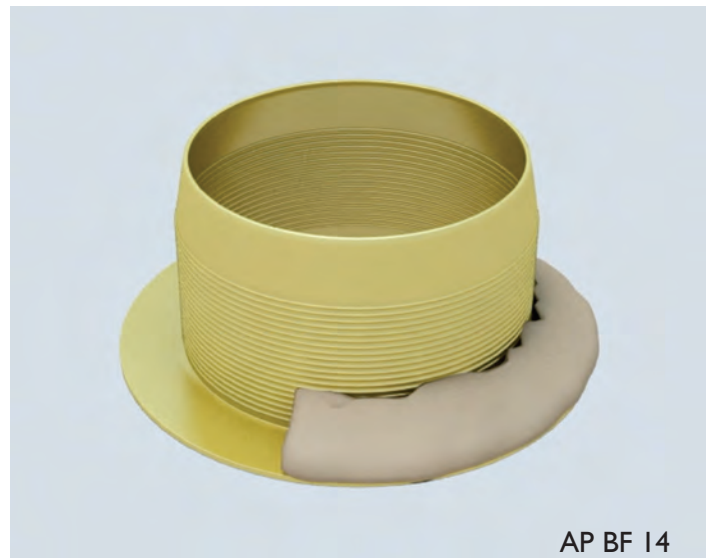
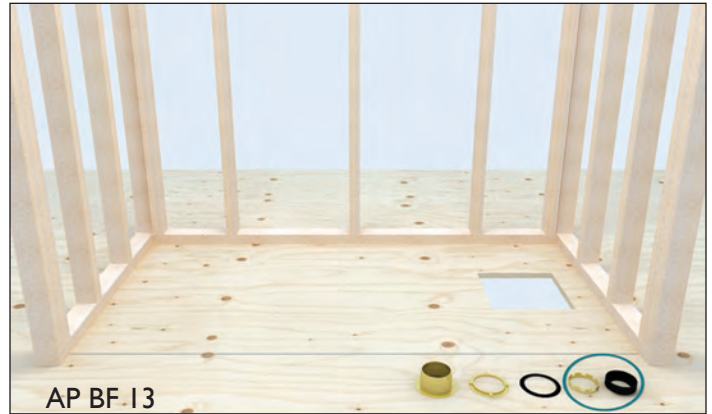
Inspect the subfloor for level and structural integrity (see *image AP BF 12*). A solid, non-flexing subfloor is required. Strengthen and replace any weak or damaged subfloor materials.



DRAIN INSTALLATION:

Remove the inside neoprene gasket and compression ring from the drain and set aside for a later step. (see *image AP BF 13*)

Install the 2" caulk shower drain body on the pan with plumbers putty (see *image AP BF 14 & 15*). Tighten the nut until snug and excess putty squeezes out around the flange. Remove excess.



PREPARE DRAIN PIPE:

Prepare drain to meet local plumbing codes (see *image AP BF 16*).

DRAIN CORE PREPARATION:

CRITICAL STEP

The details for the drain core area can be found on the [Framing Diagram](#) page in the product specification sheets.

A 10" x 10" x 1/2" opening around the drain is required to receive the shower pan and prevent the drain area from being pushed up out of its engineered position.

WITHOUT THIS CUT OUT THE PAN WILL NOT DRAIN PROPERLY. CAUSING PUDDLING IN YOUR SHOWER.

Stub out and extend the drainpipe 2 to 4 inches above the floor (see *image AP BF 17*).

CLEAN POCKET AREA OF DEBRIS:

Ensure pocket is clean from all debris, even a small pebble can affect the draft to drain (see *image AP BF 18*).

DRY FIT PAN:

Dry-fit your pan to ensure it fits in the frame properly (see *image AP BF 19*).

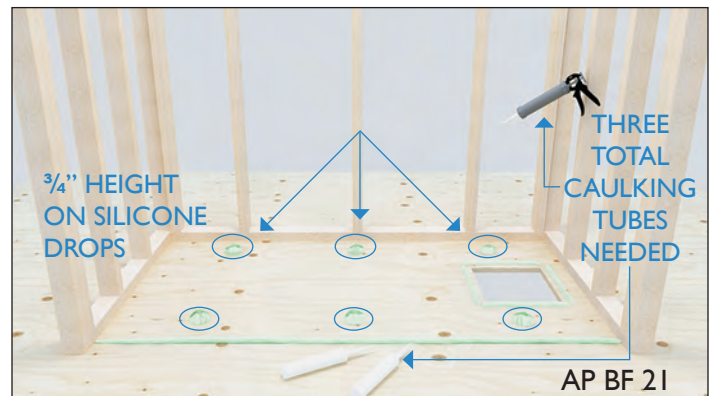


CHECK DRAFT TO DRAIN:

Check draft to drain. Temporarily fasten to wall with one screw, shimming if necessary. Draw a line on the subfloor indicating the front point of the threshold (see image AP BF 20). Remove pan, now it is time to install the drain body.

APPLY ADHESIVE TO SUBFLOOR:

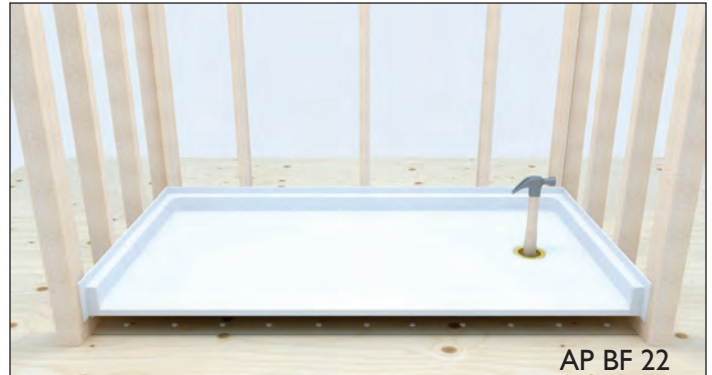
The pan is ready to be adhered to the subfloor. 3 tubes of 100% clear silicone adhesive will be required. Apply 2" to 3" diameter puddles to subfloor in an evenly spaced pattern. Apply bead around perimeter of drain and beneath threshold approx, 1" inside the line drawn on subfloor as shown (see image AP BF 21). Installer tip: Caulking should be applied 3/4" in height or greater to insure robust contact with base bottom.



INSTALL PAN:

Place pan in position (see *image AP BF 22*). Check for level and check for draft to the drain (see *image AP BF 23*). Shim where necessary to fill gaps between pan and studs. Secure the pan to all available studs by counter sinking the #10 stainless steel wood screws (see *image AP BF 24*). This allows the screw heads to be flush with the finished flange, so as not to interfere with the finished wall installation.

Check for level and draft to the drain one final time (see *image AP BF 25*). This will be the last opportunity to ensure a perfectly level pan that has draft to the drain before installing the walls.



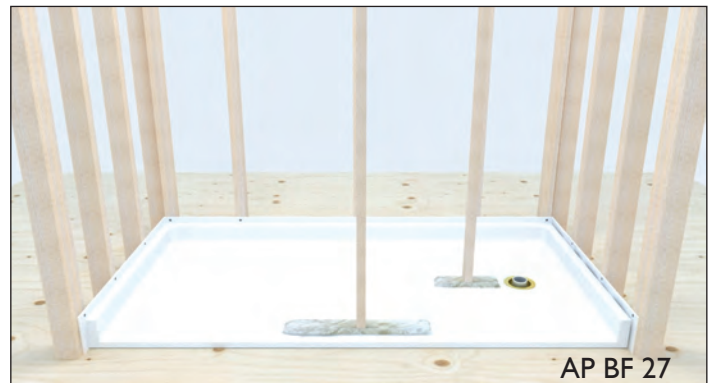
SECURING PAN TO FLOOR:

While the adhesive cures, the pan needs to be secured to the floor. There are two possible methods to achieve this. (see image AP BF 26)

I. BRACING

This is the preferred method which consistently provides the best results.

Place padded pieces of wood as close to the drain as possible (see image AP BF 27), and close to the front of the threshold for flush contact to the subfloor (see image AP BF 28). Brace securely with 2" x 4" studs against the ceiling. Leave intact for 4 hours (see image AP BF 29), then check draft again.



BRACING (cont...)

II. ALTERNATE BRACING METHOD:

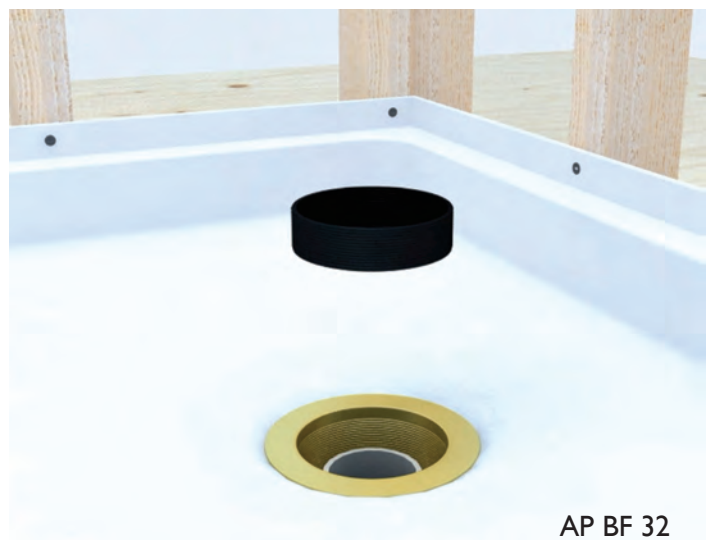
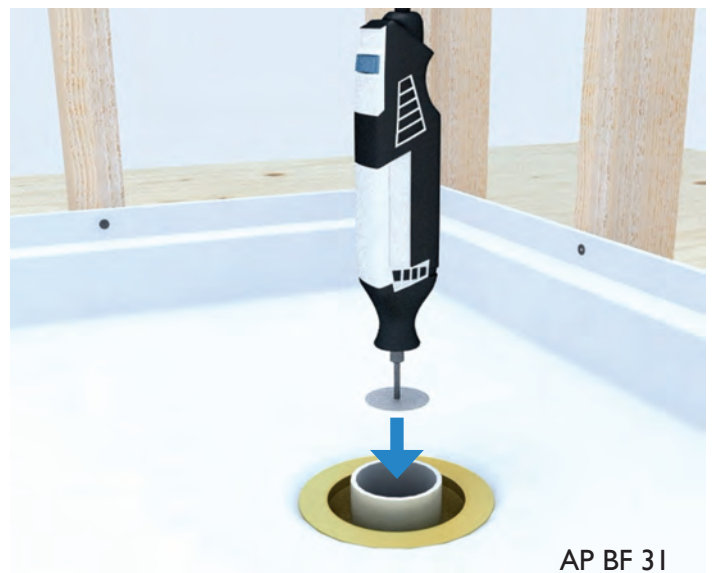
If bracing is not possible, you can weigh the pan down with 5 gallon buckets filled with water (see image AP BF 30).

After 4 hours, remove weights and check draft to the drain one final time.

COMPLETE DRAIN CONNECTION:

Cut the drain pipe to be even with the top of the rubber gasket using an inside pipe cutting tool (see image AP BF 31).

Using plumbers grease, lubricate the inside of the rubber gasket and slide over the drain pipe with beveled edge facing up (see image AP BF 32).



COMPLETE DRAIN CONNECTION (cont...):

Push down until rubber gasket seats itself. If there is positive draft, you may now tighten the compression nut (see *image AP BF 33*).

Snap the grid drain into place (see *image AP BF 34*).



AP BF 33



AP BF 34

APPLY PROTECTION TO FLOOR:

Place protection on the floor to prevent scratches and dings to the finish while completing the assembly process. The protection can be cut from the cardboard packaging as the example shown here (see *image AP BF 35*).



PIN & SLOT:

Your shower features a pin and slot system that enables you to install all panels from the front finished side without requiring rear access.



CAULK INTERIOR SEAMS BEFORE SETTING WALLS:

Caulk back wall pan ledge, be sure to encircle all pins (see *image AP BF 36*). Set the lower back panel into place. (see *image AP BF 37*) Check for level. Notice the notched studs as mentioned earlier. Secure to studs with screws, shimming or notching where necessary (see *image AP BF 38*).



CAULK INTERIOR SEAMS BEFORE SETTING

WALLS (cont.):

Repeat process for upper back panel (see images AP BF 39, 40, 41, 42).



STANDARD VALVE INSTALLATION:

Refer to valve manufacturer's instructions for conventional sweat installations. Repeat side wall installation above.

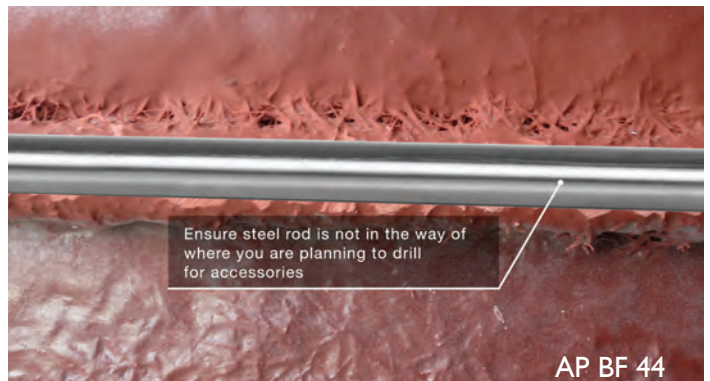
QUICK CONNECT PROCEDURE:

For valve installations with pex connections, find the desired location of your valve and apply protective masking tape over the area to be cut (see *image AP BF 43*).



TIP:

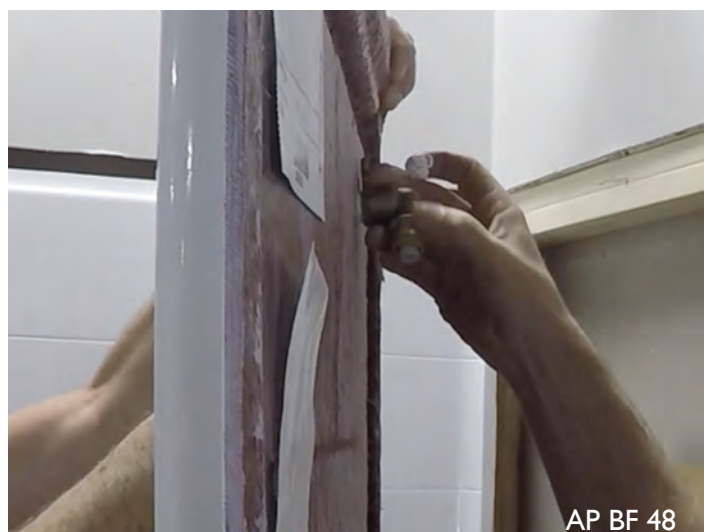
Each wall panel has steel rod supports around the perimeter. Be sure to check that where you are about to drill does not interfere with one of these rods (see *image AP BF 44*).



VALVE INSTALLATION:

Mark the center of your valve and drill a hole in the diameter listed in your valve instructions. Then drill a 1" hole for the supply outlet (see images AP BF 45 & 46).

Mount the valve directly to the panel by connecting the front trim plate to the valve body using the mounting screws provided by the valve manufacturer (see image AP BF 47). Next, mount the supply outlet to the shark-bite-eared-elbow (see image AP BF 48).

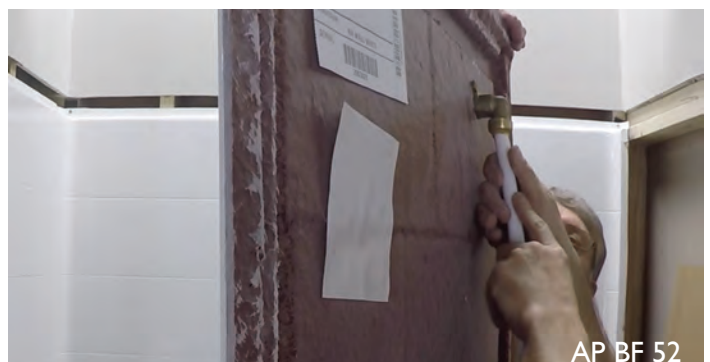
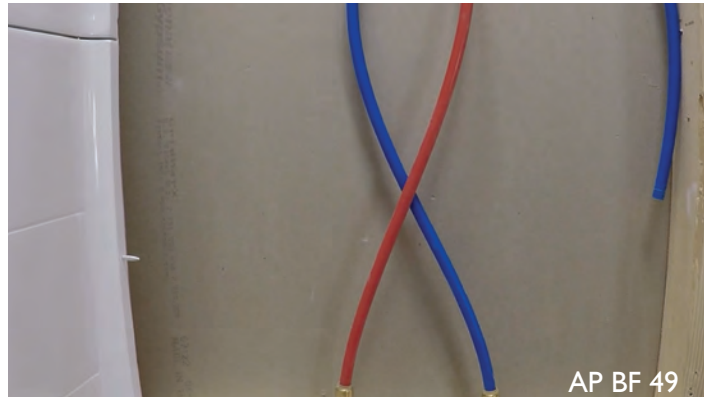


FRAMING COVE PREPARED IN ADVANCE:

The framing cove has been prepared to receive pex pipe in a looped pattern to prevent kinking and allow ease of connection from the valve to the water supplies (*see image AP BF 49*).

CONNECT:

Connect the hot and cold water pex supply lines using pex or shark-bite fittings (*see image AP BF 50*). Notice the installers are using 90 degree fittings which work best in this application (*see image AP BF 51*). Next, connect the shower head supply line to the elbow outlet (*see image AP BF 52*).



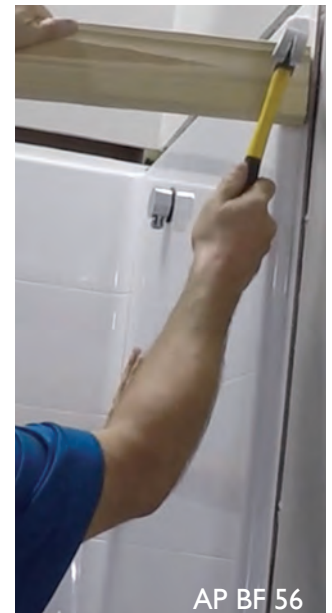
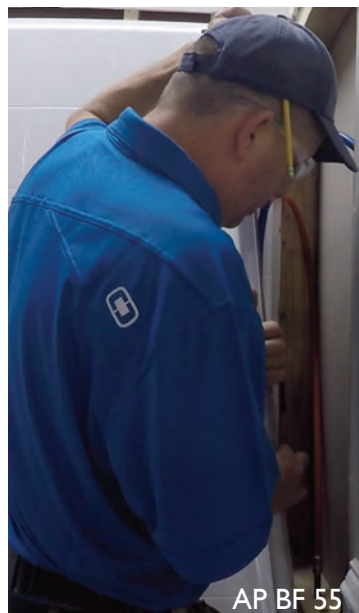
TEST FOR LEAKS:

Now is the time to turn the water back on and test for leaks (see image AP BF 53).

FINISH CAULKING:

Caulk all seams (see image AP BF 54). Set the side wall panel on ledge and slide backward into place (see image AP BF 55).

This may require force using a wood block and hammer as shown (see image AP BF 56). Check for level and secure to studs using shims where necessary (see image AP BF 57).



INSTALL END WALL

Caulk pan ledge and vertical side wall seam of the panel opposite the valve wall (see *image AP BF 58*). Set panel on ledge and slide backward into place (see *image AP BF 59*).

This may require force using a wood block and hammer as shown (see *image AP BF 60*). Check for level, secure to studs using shims where necessary (see *image AP BF 61*).



TIP:

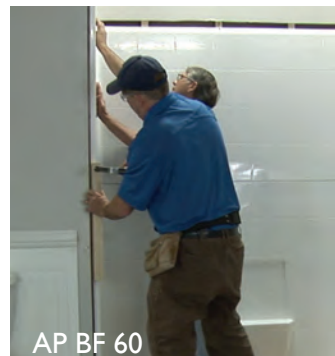
Your shower is fully reinforced and ready to receive surface mount accessories now or anytime in the future. It is highly recommended that the client be involved in identifying the ideal placement of accessories according to their needs.



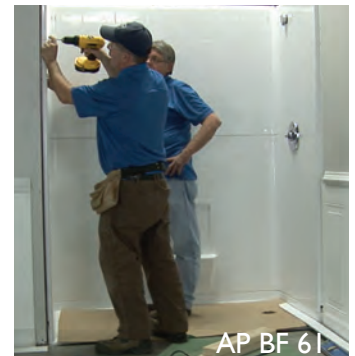
AP BF 58



AP BF 59



AP BF 60



AP BF 61

INSTALL ACCESSORIES

Always mark, drill and caulk in a circular pattern around pilot holes for all accessories (see images AP BF 62, & 63).

The unit is designed to allow a one eighth of an inch gap at the seams. Caulk all seams as well as the front edge of the threshold (see images AP BF 64, 65, 66). Do not use your shower until caulk is cured. See caulk instructions for cure time. A premium caulk is recommended.



A collapsible water retainer and weighted shower curtain are recommended and available for purchase (see images AP BF 67 & 68). When installed properly and paired together, they provide an effective and safe solution for keeping water in your barrier free shower during use. Please note, it's important that the curtain be hung at a height that allows it to make contact with the floor:

For water splash options and detailed installation instructions, refer to: www.FreedomShowers.com.

Congratulations, you have successfully installed your Freedom accessible shower providing years of safety and independence.



FRAMING DIAGRAMS

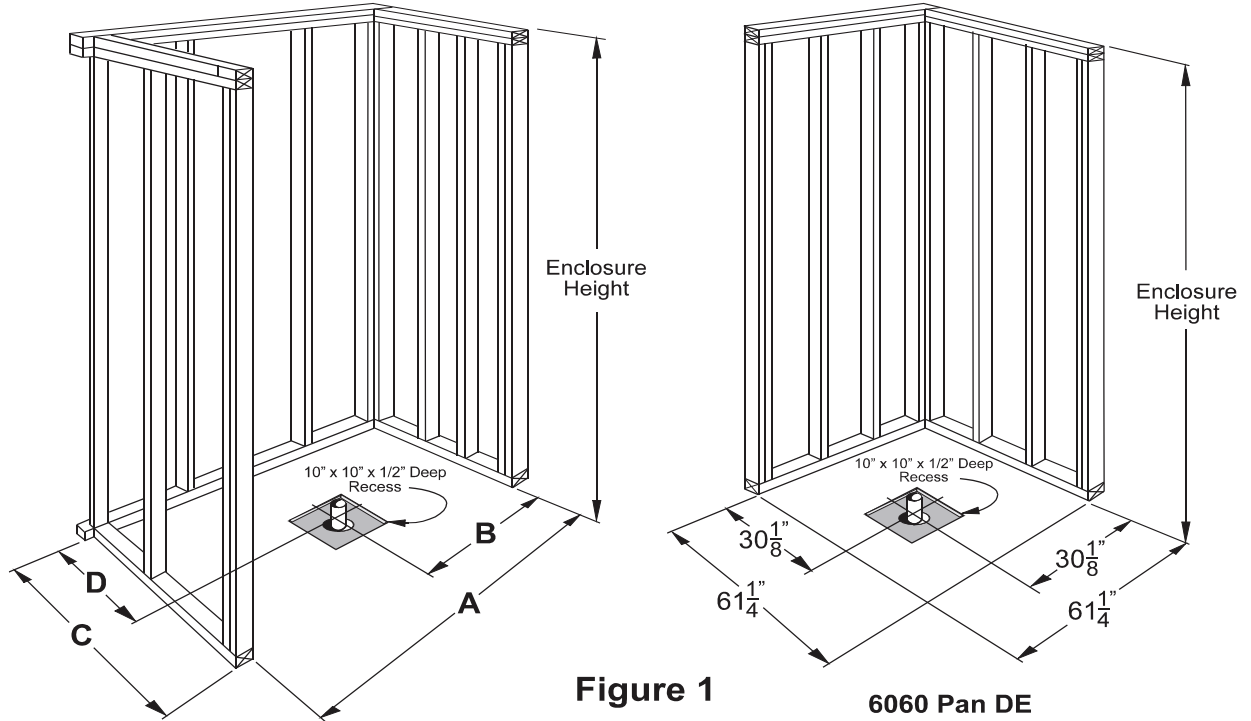


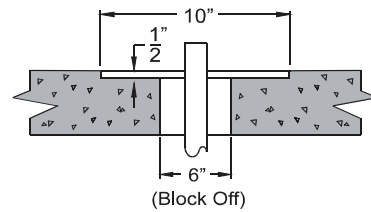
Figure 1

6060 Pan DE
Double Entry Pan

	A	B	C	D
3838	38 7/8"	19 7/16"	38 7/8"	19 1/8"
4836	48 1/4"	24 1/8"	37"	18"
5050	50 3/4"	25 3/8"	50 1/8"	24"
5430 LR	54 1/4"	8 9/16"	31"	15"
5436 LR	54 1/4"	8 9/16"	36 7/8"	17 5/8"
6030 C	60 1/4"	30 1/8"	31"	15"
6030 LR	60 1/4"	8 9/16"	31"	15"
6033 C	60 1/4"	30 1/8"	33 3/8"	15 1/2"
6033 LR	60 1/4"	8 9/16"	33 3/8"	15 1/2"
6036 C	60 1/4"	30 1/8"	37"	18"
6036 LR	60 1/4"	8 9/16"	37"	18"
6048	60 1/4"	30 1/8"	49"	24"
6060	60 1/4"	30 1/8"	61"	30"
6232 C	62 7/8"	31 7/16"	32 1/4"	16 1/4"
6232 LR	62 11/16"	8 9/16"	32 1/4"	16"
6238	62 7/8"	31 7/16"	38 1/4"	19 1/4"
6060 3P	61 1/4"	30 1/8"	61 1/4"	30 1/8"

DETAIL OF DRAIN CORE AREA

6" Diameter Drain Core
10" x 10" x 1/2" Deep
Recess Around Core



Note: Unit will not install properly if framing pocket is not square and of proper size. The dimensions shown in the FRAMING DIAGRAMS are 1/4" larger than the size of the shower pan. This product is manufactured to tight specifications. The 1/4" over sizing is for maneuvering and installation ease. If 1/4" over is not reasonable, sizing closer to the product actual dimensions is allowable.