



INSTALLATION INSTRUCTIONS

BUILDERS' CHOICE FRAMED
Shower Height Steam Swing Door
With In-Line Panels
Model: LIH521 (Double Panels), LIH527



INSTALLATION NOTES: Unpack your unit carefully and inspect for freight damage. Lay out and identify all parts using the instruction sheet as a reference. Before discarding the carton, check to see that no small hardware parts have fallen to the bottom of the box. If any parts are damaged or missing, refer to the descriptions noted in the instructions when contacting your dealer for replacements.

Handle the glass panel(s) carefully and protect the edges.

Please wear safety glasses whenever drilling or cutting. When drilling holes in ceramic tile or marble, use a center punch and hammer to carefully break the surface glaze so the drill bit can start without skidding.

To install your Aquatic Shower Enclosure, you will need the following: tape measure, level(s), #2 Phillips-head screwdriver, drill, 1/8" & 3/16" High Speed Steel drill bits, hacksaw, pencil, sharp knife or razor blade and caulking (clear, mildew resistant silicone recommended). Optional tools include a miter box for cutting metal parts, file, center punch and masking tape. An additional 3/16" Masonry drill bit is recommended for tiled applications.

The door is best installed with two people.

NOTE: Tempered glass cannot be cut.

Although safety tempered glass is very resistant to breakage, the glass can still break if unequal pressure is placed on it during installation. Use caution! In addition, the sharp corners of the glass panels can damage tile and floor surfaces, so its best to handle the glass panels carefully and protect the edges.

MAINTENANCE: Two primary materials are used to manufacture your new Aquatic Shower Enclosure: tempered glass and anodized aluminum. To assure a long lasting finish on the enclosure, wipe it down with a towel after each use. Never use a scouring agent to clean the aluminum.

For occasional, more concentrated cleaning efforts, we recommend using **LYSOL™** Non-Abrasive Bathroom Cleaner works extremely well. Be sure that any over spray falling on the aluminum frame is rinsed thoroughly and dried. Many over-the-counter cleaners, if applied to aluminum and left on, will harm the finish and cause permanent damage, even though their directions indicate safe use on shower doors. For more care and cleaning information, please visit our website;

www.Aquaticbath.com

For glass treated with AquaGlide™, read the following instructions:

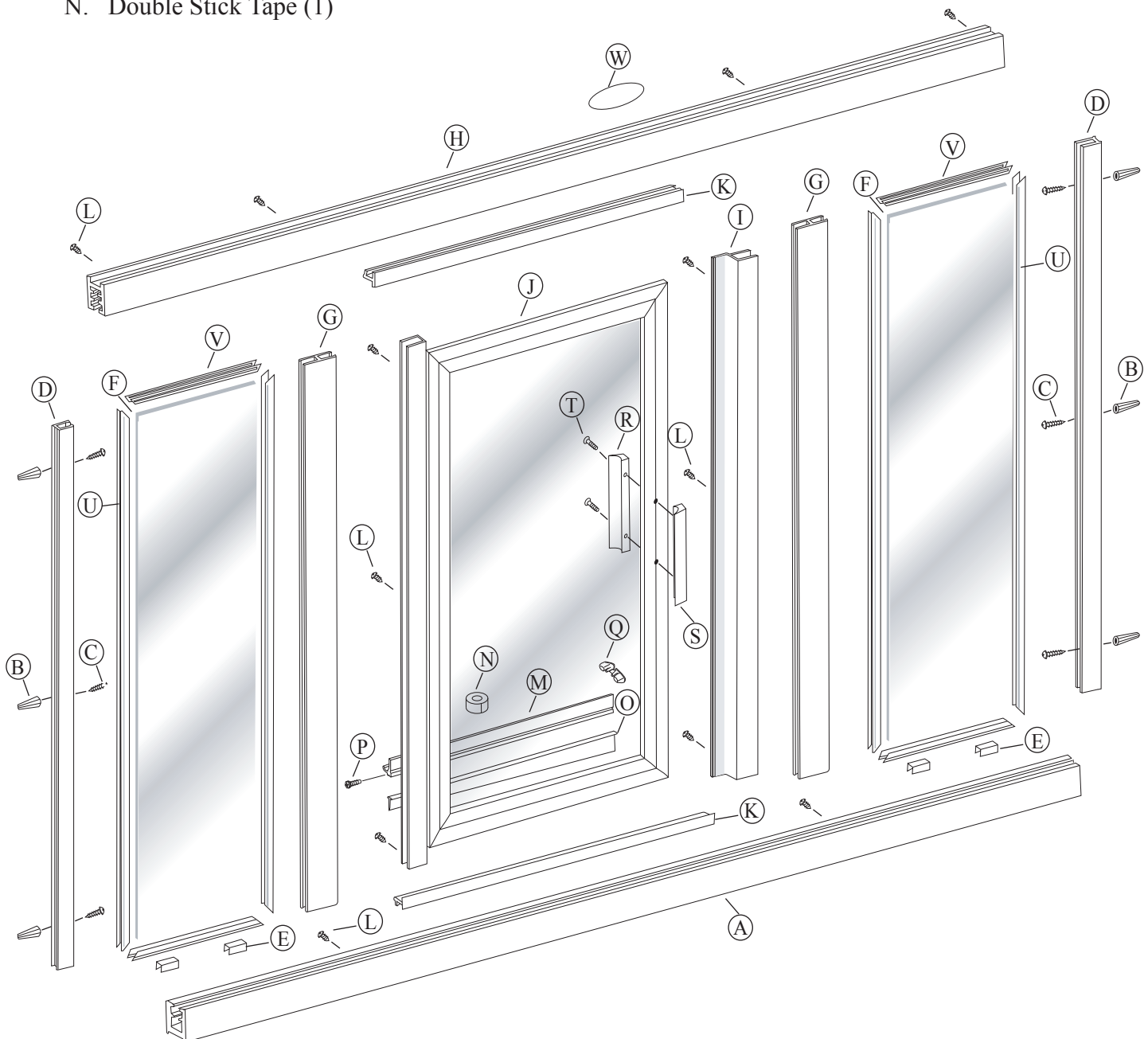
After each use of your shower, use a small plastic bowl, pitcher or a hand held shower head to spray the shower doors with clean cold water. Pour or spray the cold water along the top edge of the glass. The majority of the shower's soapy residual water will drain off. Use a small hand towel to pat dry the remaining droplets or use a squeegee to clear the droplets.

Once a month, use a nylon sponge to go over the wet glass, rubbing in a circular motion. You should feel "sticky" places going back to slick again. Then pour water along the top edge of the glass, as you do after each shower use.

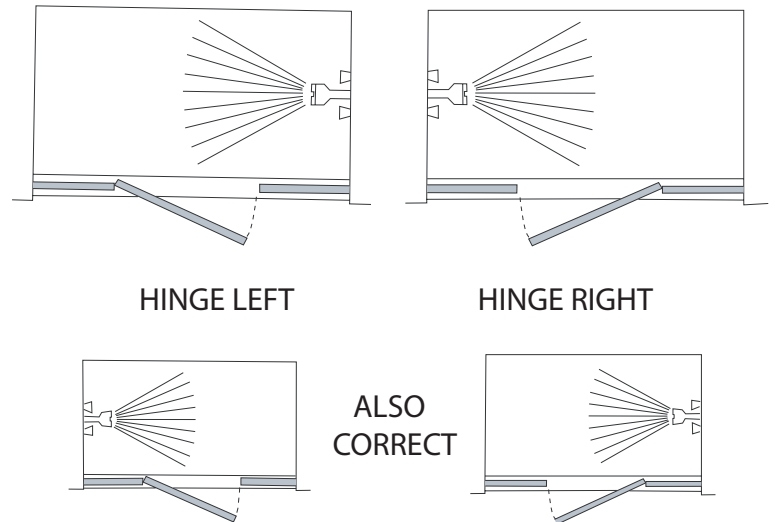
Parts List

- A. Curb (w/ weep holes) (1)
- B. Plastic wall anchor (6)
- C. #8 x 1 1/2" Truss Head Screw (6)
- D. Wall Jamb (2)
- E. Plastic Setting Block (4)
- F. Stationary Glass Panel (2)
- G. 180° Post (2)
- H. Header (1)
- I. Strike Jamb (w/ magnet) (1)
- J. Door Panel Assembly (1)
- K. Snap-in Filler (2)
- L. #8 x 1/4" Truss Head Screw (12)
- M. Drip Rail (1)
- N. Double Stick Tape (1)

- O. Tapered Drip Vinyl (1)
- P. #6 x 3/8" Screw (1)
- Q. Drip Plug (1)
- R. Interior Handle (1)
- S. Exterior Handle (1)
- T. #6-32 x 1 1/4" Round Head Screw (2)
- U. Vertical Glazing Vinyl (8)
- V. Horizontal Glazing Vinyl (8)
- W. Aquatic Decal (1)



1 The Aquatic Continuous Hinge Shower Enclosure is completely reversible and may be installed hinge right or hinge left. For maximum leak protection, the hinge side should be opposite the shower head. Using the illustration, determine the proper hinge side for the door. This instruction sheet depicts a hinge-right installation. Careful as to not follow the illustrations exactly.



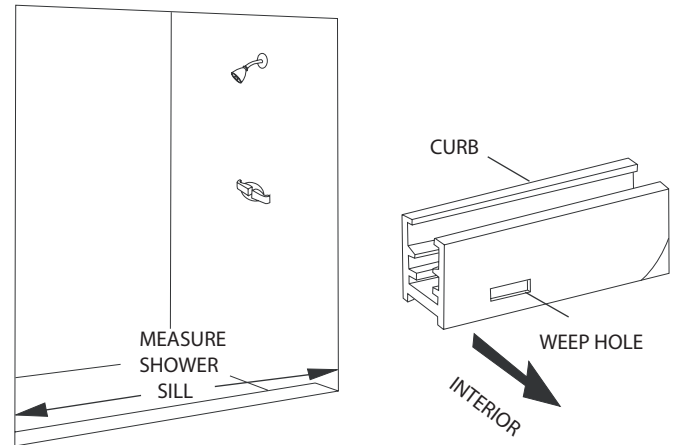
CAUTION: For safety reasons, the door must *always open outward*.

TIP: Temporarily cover the drain on the inside of the shower with some tape or a large piece of cardboard to prevent small screws, drill bits, etc from disappearing.

2 Measure the finished wall-to-wall opening at the shower sill. Cut the curb (w/ weep holes) [A] to fit the full width of the opening. If necessary, file the ends or corners of the curb to tightly fit the opening.

Place the curb in the center of the sill with the weep holes facing the shower. Mark its location on the sill, both inside and outside, with a pencil the full length of the curb.

TIP: Use two pieces of tape over the top of the curb to temporarily hold it in place.



3 Place one wall jamb [D] into the curb against the wall. Using a level, plumb the wall jamb and mark the hole locations on the wall with a pencil. Repeat this step for the other wall jamb. Remove all parts and drill the holes.

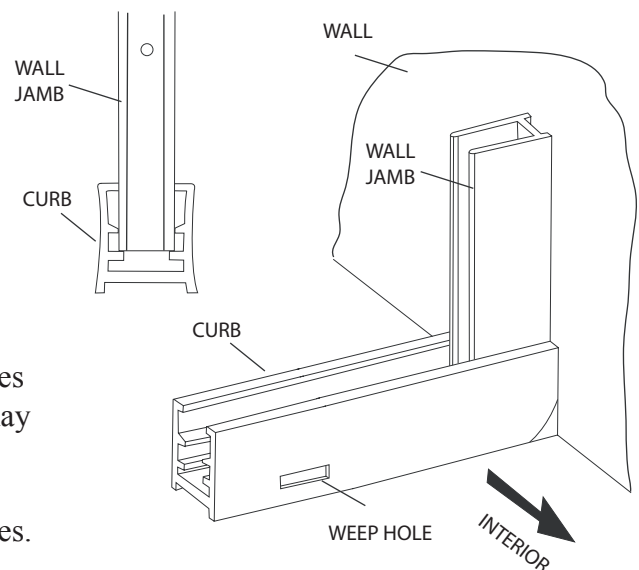
Tile or marble walls:

Drill 3/16" diameter holes into the walls and insert the plastic wall anchors [B].

Fiberglass or acrylic units can be done two different ways.

If the walls are not reinforced, drill 3/16" diameter holes and insert the the plastic wall anchors. (Toggle bolts may be used instead but they are not provided).

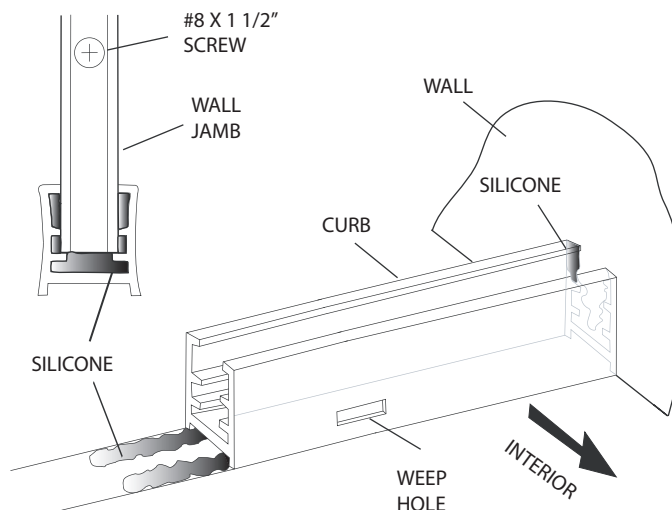
If the walls are reinforced, only drill 1/8" diameter holes.



4 Wipe the shower walls, sill, curb & wall jambs with a clean, dry cloth to remove any dust or debris. Apply a 1/4" bead of silicone along the inside of the pencil lines that were marked in Step #2. Carefully place the curb on the sill, over top the silicone, in the position marked.
BE SURE THE WEEP HOLES FACE THE INTERIOR.

Silicone the inside of the curb at both ends where it meets the wall. **TIP:** Angle the tip so that silicone fills under the two "legs" in the curb that the wall jambs sit on.

Replace both wall jambs and attach them to the walls with the six #8 x 1 1/2" truss head screws [C].



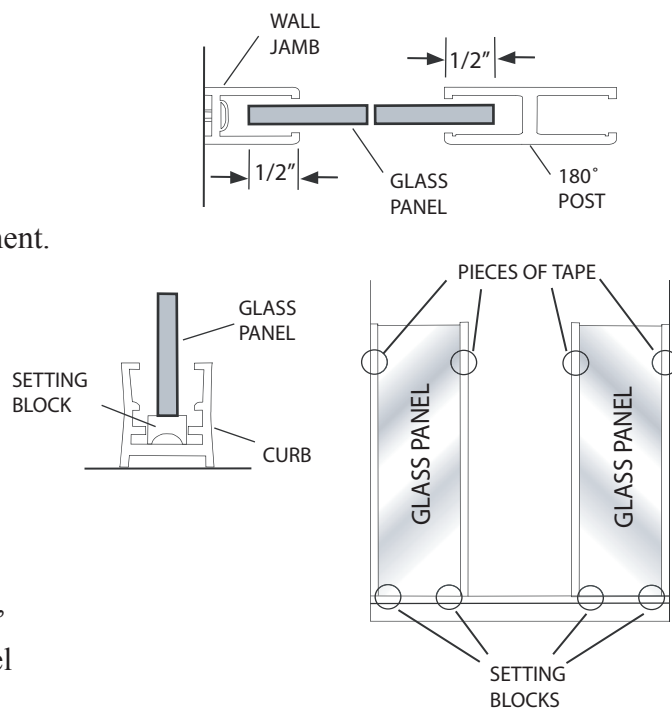
****Replace step #5 with instructions on Supplement Sheet if Quick 'N Stall option was selected****

5 Place four setting blocks [E] into the curb, flat side up, to support the stationary glass panels [F]. Position the blocks to be 3" from each corner of the glass panels. Set one of the glass panels in the curb on the setting blocks and slide into the wall jamb approximately 1/2". A piece of tape positioned 1/2" from each vertical edge will help placement. Repeat the above steps for the other panel.

NOTE: Patterned glass panels should be installed with the rough or patterned surface on the exterior of the enclosure.

Place the 180° posts [G] into the curb and position it to overlap the glass by 1/2". Use masking tape to temporarily hold it in place.

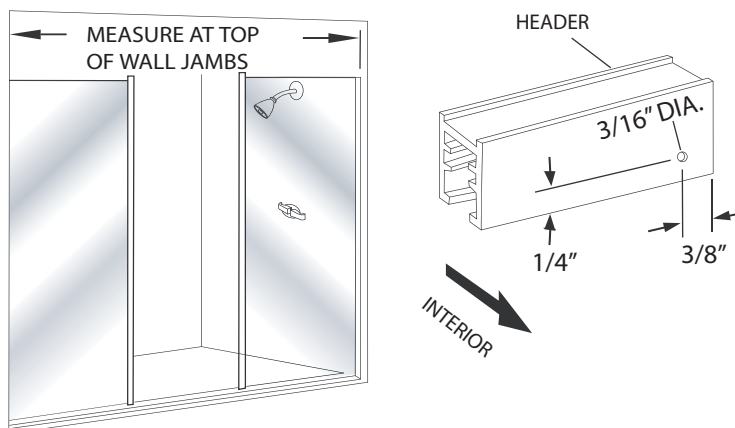
NOTE: Depending on out-of-plumb wall conditions, the 1/2" overlap on each side might vary from 1/4" to 3/4". Use a level against each wall to determine if this is necessary.



6 Measure the finished wall-to-wall opening at the top where the header will go. Cut the header [H] to that dimension.

Using a 3/16" high speed drill bit, drill the interior face of the header on both ends as shown.

NOTE: Filing the ends of the header may allow for an easier fit.



7 Slide the header over the wall jambs and 180° posts. Plumb one of the 180° posts, making sure to maintain the proper coverage over the glass panels of 1/4" to 3/4" as described in Step # 5. Mark its' location on the header and curb with a light pencil mark or a piece of tape. Repeat this step for the other 180° post.

Measure the door panel width. (see illustration)

Measure the horizontal door opening (between the two 180° posts) at the top, middle and bottom.

The *minimum* horizontal dimension of the door opening is the door panel width plus 1/2".
The *maximum* horizontal dimension of the door opening is the door panel width plus 1 1/4".
Verify that the 180° posts are still plumb and make sure the door opening is within the min and max range.

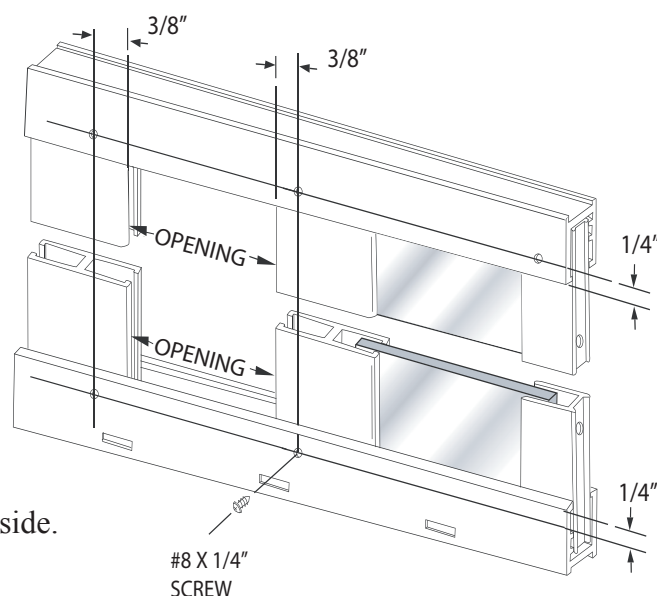
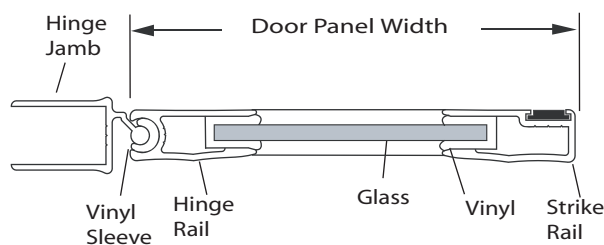
Using the two holes in the interior face of the header as a guide, drill a 1/8" hole into each wall jamb.

TIP: Slide the glass panel out of the wall jamb before drilling to prevent damaging the panel.

Drill a 1/8" hole through the header and curb into each of the 180° posts on the open side of the post, not the glass side.

Enlarge the 1/8" holes in the header and curb **only** to 3/16" to allow clearance for the screws.

Replace the header and secure it to the wall jambs and secure the 180° posts to the header and curb using the #8 x 1/4" truss head screws [L].

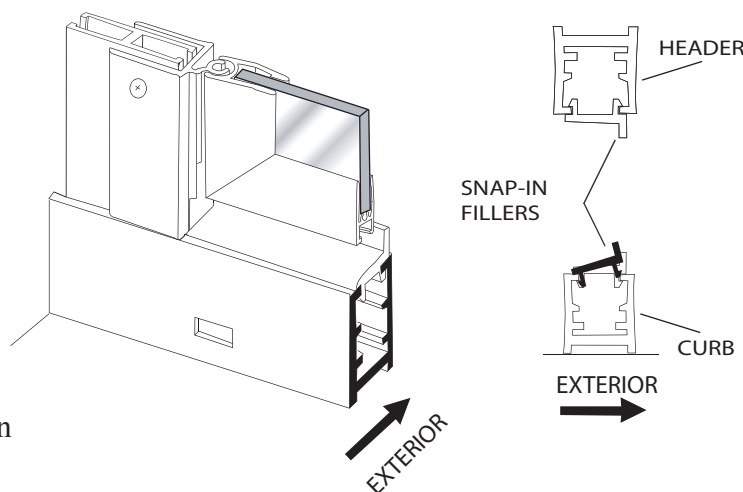


8 Slide the strike jamb [I] over the 180° post opposite the desired hinge side. Use a piece of tape to temporarily hold in place.

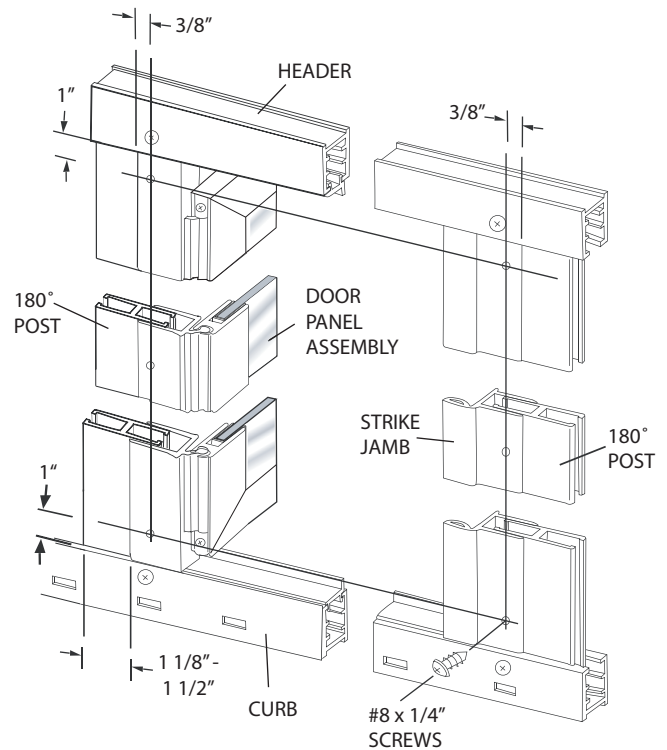
Orient the door [J] to the opening (either hinge right or hinge left). Grab the door from the inside (the open side of the hinge jamb should be away from you).

Carefully lift the door into the opening and slide the hinge jamb over the other 180° post.

Holding the door in the open position, press the snap-in fillers [K] into the header and the curb, WITH THE RAISED LIP TO THE EXTERIOR. (see illustration)



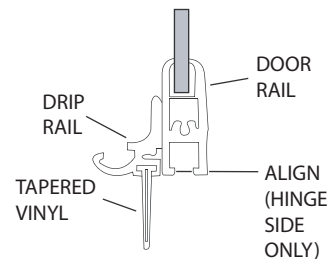
9 Center the door in the opening by sliding the hinge jamb over the 180° post until the hinge jamb is **plumb** and the space between the door glass and header is **even** from hinge side to strike side. Drill two 1/8" holes thru the hinge jamb and into the 180° post approximately 1" from the ends of the jambs at the top and bottom and approximately 3/8" from the edge of the open side of the hinge jamb. (see illustration) Drill a third hole in line with the first two and centered between them. Enlarge the three holes in the hinge jamb only with a 3/16" drill bit for clearance of the truss head screws. **CAREFUL: DO NOT** enlarge the holes in the 180° post. Attach the hinge jamb permanently with three #8 x 1/4" truss head screws.



Slide the snap-in fillers tight against the hinge jamb. Slide the strike jamb tight against the snap-in fillers. With the hinge jamb plumb and both fillers tight between both jambs, the strike jamb will also be plumb and parallel to the hinge jamb.

Drill and attach the strike jamb in the same manner as the hinge jamb.

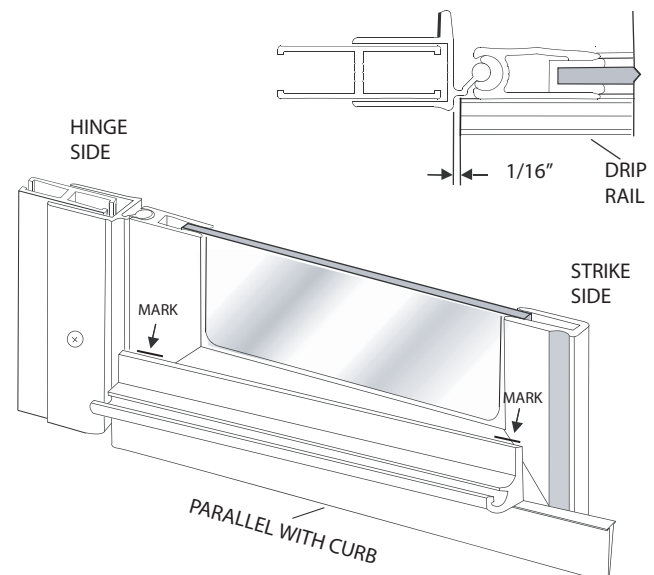
10 Clean the bottom door rail and the drip rail [M] thoroughly with denatured alcohol to ensure proper adhesion. Unroll the double stick tape [N] and carefully apply it to the flat back side of the drip rail. (**DO NOT** peel the tape backing yet)



Insert the tapered drip vinyl [O] with the short side of the vinyl on the hinge side of the rail.

Position the drip rail so that the bottom is flush with the bottom of the door rail *on the hinge side*, and is 1/16" from the continuous hinge jamb. (see illustration)

Raise the drip rail on the strike side until the bottom edge of the tapered drip vinyl is parallel to the curb. Mark the horizontal location of the drip rail on both sides.

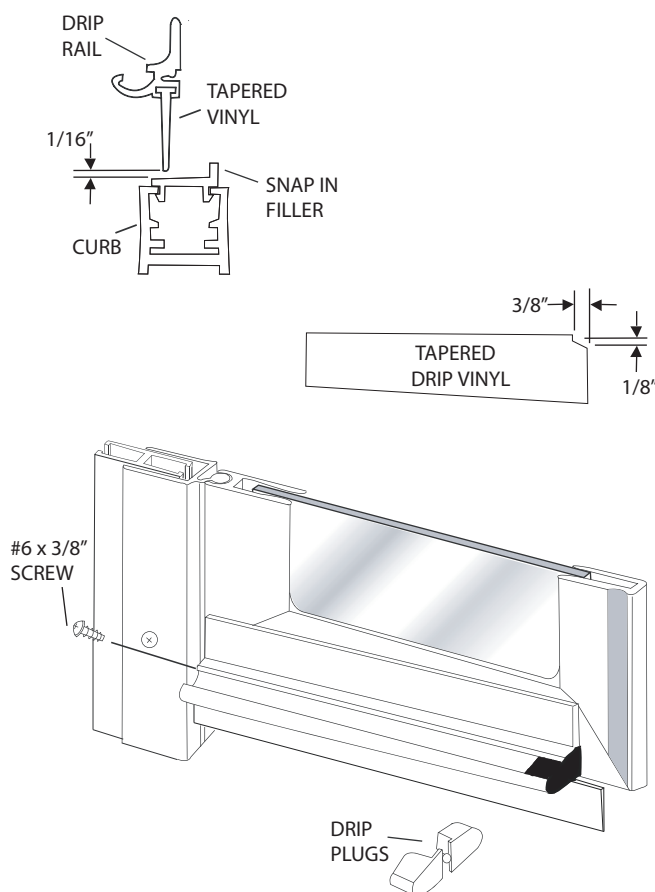


11 Hold the drip rail in place and adjust the drip vinyl by sliding it left or right until there is a $1/16''$ gap between the bottom of the vinyl and the top of the snap-in-filler. Trim the vinyl flush with the hinge side of the rail and $3/8''$ longer on the strike side. Notch the top of the drip vinyl. (see illustration)

Install the #6 x $3/8''$ screw [P] into the hinge side of the drip rail. Separate the two drip plugs [Q] and install the correct one into the strike side of the drip rail. Discard the other unused plug.

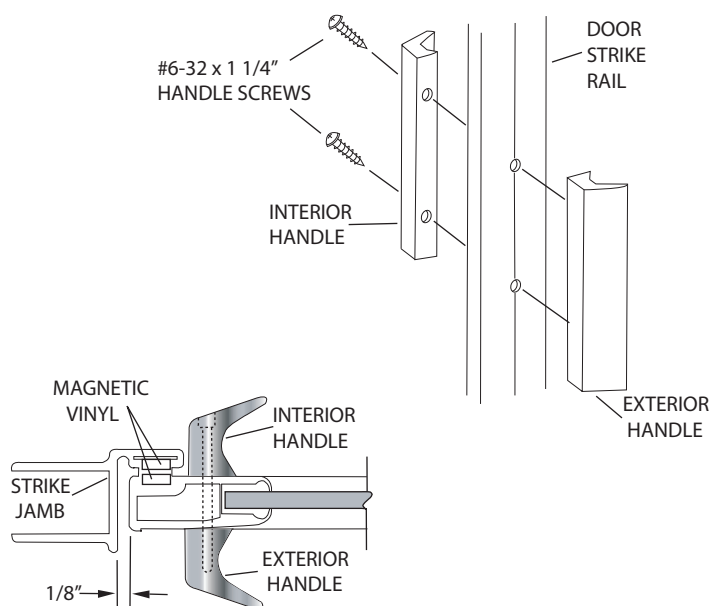
Peel off the tape backing and carefully press the drip rail assembly to the door in the marked position.

TIP: Place a small bead of silicone along the top of the drip rail between the rail and door frame to help prevent water and cleaners from loosening the tape over time.



12 Attach the interior door handle [R] and exterior door handle [S] to the door panel with the two #6-32 x $1\ 1/4''$ round head screws [T].

Close the door and check the clearance with the strike jamb. Loosen and adjust if necessary.







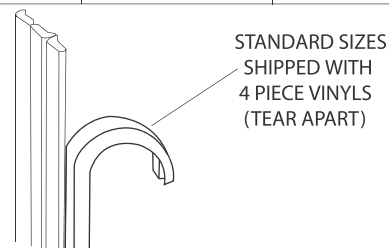
****Skip steps 13 - 15 if Quick 'N Stall option was selected****

13 Inspect the strips of black glazing vinyl and note the two different profiles. The flat shaped vinyl [U] is installed vertically and the crescent shaped vinyl [V] is installed horizontally. There should be a total of eight (8) individual vertical and eight (8) individual horizontal pieces of vinyl about a 1/2" wide each. (May need to peel apart from a wider strip).

These vinyls are designed to fit tightly between the glass and metal frame. **TIP:** Wet the glass and vinyl with water or glass cleaner immediately before installing vinyl and use a small block of wood to press the vinyl into place.

NOTE: Different glass sizes require different vinyl. Refer to the chart for clarification if installation is extremely difficult.

FIXED GLASS PANEL	VERTICAL	HORIZONTAL
1/4" GLASS REQUIRES :	V-219 	V-220 
3/16" GLASS REQUIRES :	V-226  GROOVE	V-225  GROOVE

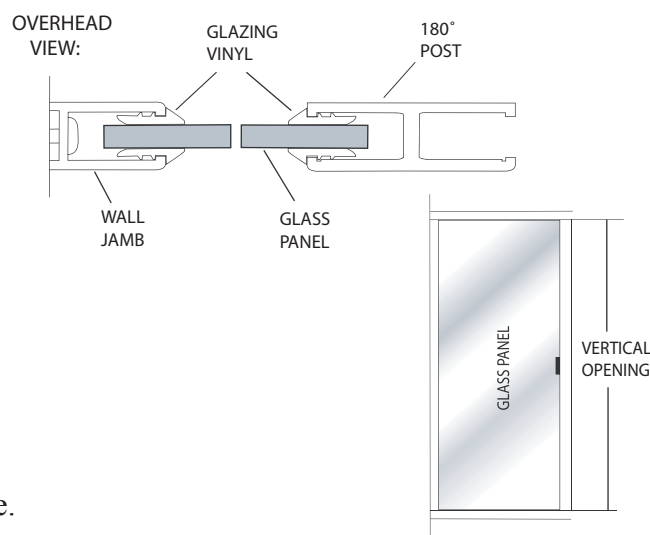


14 Cut the eight (8) pieces of vertical vinyl [U] 1" longer than the vertical opening. Verify depth of glass into post and wall jamb is sufficient and even (refer to Step #5). Starting on the exterior, slide one end of the vertical vinyl up into the header and press into the wall jamb about 6" down.

Apply light pressure against the interior of the glass panel to hold vinyl in place and install vinyl on the interior in a similar fashion. Press the vinyl into the wall jamb alternating between the interior and exterior. Remove the tape from glass surface before installing the vinyl.

Caution: Do not stretch the vinyl when pressing into place.

Repeat above steps for both 180° posts and the other wall jamb.

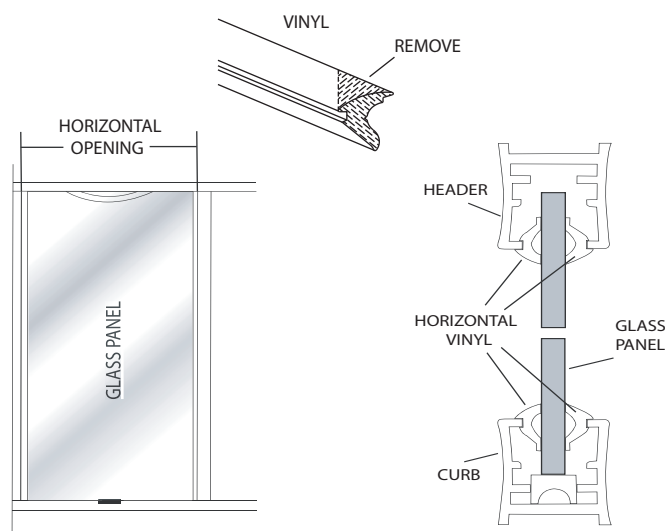


15 Cut eight (8) pieces of the horizontal vinyl [V] 1/2" longer than the horizontal opening. Cut both ends of the vinyl with a back mitre so that they sit tight against the face of the vertical vinyl. (see illustration)

Starting at the top on the exterior, place the vinyl against the glass (open side of the crescent shape against the glass) and press into the header at both corners. Continue pressing the vinyl into the header from both ends working toward the middle.

Install the top interior vinyl on the same side.

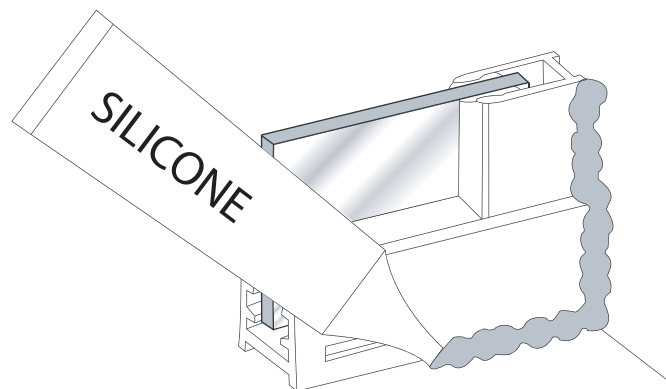
Repeat above steps for the bottom of the panel as well as the top and bottom of the other panel.



16 Carefully silicone the seam between the walls and the wall jambs as well as the curb and threshold on the inside of the shower.

NOTE: Silicone on the exterior seam is optional.

DO NOT USE the shower until the silicone is completely cured. Check the tube of silicone for the manufacturer recommended cure time. (typically 24 - 48 hours)



NOTE: Do not silicone over the weep holes

17 Peel off the backing on the Aquatic decal [W] and apply it to the inside surface of the header.

