Frameless Inline Frameless Slider
with
90° Return Panel
QCI-5242
Frameless Slider With Return

<table>
<thead>
<tr>
<th>ITEM NUMBER</th>
<th>DESCRIPTION</th>
<th>QUANTITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>SLIDING PANEL</td>
<td>1</td>
</tr>
<tr>
<td>2</td>
<td>FIXED PANEL</td>
<td>1</td>
</tr>
<tr>
<td>3</td>
<td>RETURN PANEL</td>
<td>1</td>
</tr>
<tr>
<td>4</td>
<td>U-CHANNEL</td>
<td>1</td>
</tr>
<tr>
<td>5</td>
<td>RETURN U-CHANNEL</td>
<td>1</td>
</tr>
<tr>
<td>6</td>
<td>GLASS CLAMP</td>
<td>2</td>
</tr>
<tr>
<td>7</td>
<td>HEADER</td>
<td>1</td>
</tr>
<tr>
<td>8</td>
<td>ROLLER</td>
<td>2</td>
</tr>
<tr>
<td>9</td>
<td>PANEL GUIDE</td>
<td>1</td>
</tr>
<tr>
<td>10</td>
<td>KNOB</td>
<td>1</td>
</tr>
<tr>
<td>11</td>
<td>WALL CLAMP</td>
<td>1</td>
</tr>
<tr>
<td>12</td>
<td>PANEL STOP</td>
<td>2</td>
</tr>
<tr>
<td>13</td>
<td>HEADER MOUNT BRACKET</td>
<td>1</td>
</tr>
<tr>
<td>14</td>
<td>GLASS TO HEADER CLAMP</td>
<td>1</td>
</tr>
<tr>
<td>15**</td>
<td>#8 X 1 1/2 TRUSS HEAD SCREW</td>
<td>9</td>
</tr>
<tr>
<td>16**</td>
<td>PLASTIC WALL ANCHOR</td>
<td>9</td>
</tr>
<tr>
<td>17**</td>
<td>SETTING BLOCK</td>
<td>6</td>
</tr>
</tbody>
</table>

** Parts are included in a Parts Pack. Not all parts in the Parts Pack maybe required.
Frameless Slider with Return
**Installation Notes:**

- Proper blocking is required for every Heavy Glass unit prior to installation. At minimum 2x4 blocking is required at the location of any structural member of the unit including, but not limited to: hinges, clamps, and header brackets. All fasteners at these locations are required to be installed into the blocking.
- A minimum of 1 1/4” thread engagement is required of all fasteners into the blocking at these locations. Depending on the application the customer maybe required to supply the proper fasteners to ensure adequate engagement.
- U-Channel maybe installed using wall plugs where no backing is found.
- Use caution to not pierce plumbing or electric lines while installing door hardware.
- Cover the drain with tape prior to installation to prevent loss of small parts.
- 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 description noted in the instructions when contacting your dealer for replacements.

**NOTE:** Tempered glass cannot be cut.

**Tools:**

<table>
<thead>
<tr>
<th>Pencil</th>
<th>Drill</th>
<th>Hack Saw</th>
</tr>
</thead>
<tbody>
<tr>
<td>Low Tack Tape</td>
<td>1/8” &amp; 3/16” Drill Bit</td>
<td>Caulk Gun</td>
</tr>
<tr>
<td>Tape Measure</td>
<td>Center Punch</td>
<td>Clear Silicone Caulk</td>
</tr>
<tr>
<td>4’ &amp; 6’ Levels</td>
<td>Files</td>
<td>Suction Cups</td>
</tr>
<tr>
<td>#2 Phillips Screwdriver</td>
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<td></td>
</tr>
</tbody>
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**Safety Notes:**

- This unit is best installed by two people.
- Handle the glass panels carefully and protect the edges. Safety tempered glass is very resistant to breakage, but the sharp corners of the panels can damage tile and flooring surfaces.
- The glass can break if unequal pressure is applied during installation.
- 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 glazed surface to prevent skidding when drilling.

**Maintenance:**

Two primary materials are used to manufacture your new 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.

For occasional, more concentrated cleaning efforts, we find that 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 the aluminum and left on, will harm the metal finish and cause permanent damage even though their directions indicate safe use on shower doors. Never use a scouring agent to clean the aluminum.

For units with AquaglideXP please use Maintain spray from the maintenance on the glass. Please contact customer service for details and to purchase the maintenance kit.
If a continuous unit centerline does not exist from the original measuring process, it will be necessary to create one. Referencing the Measuring Guide included with this unit, lightly mark a continuous unit centerline on the threshold.

Next, mark a continuous unit centerline up each wall, starting where the threshold centerline meets the wall. Use a level to ensure the wall centerline is plumb and straight. The wall centerlines should be a minimum of the unit height from the threshold.

**Note:** Centerline (CL) is a term used to describe the center or mid-point of the unit. The position of the unit centerline can be located anywhere within the width of the threshold, as long as adequate structure exists beneath the centerline for fastening and the outer edges of the unit will not overhang the threshold. The most common unit centerline position is the middle of the threshold.

Use a level to check the threshold for out of level conditions if the original measured conditions are not available. If no conditions exist, measure up the wall to which the Return Panel will butt Unit Height - 7/8". Measure up the other wall Unit Height - 1-1/8". Clearly mark each location.

**Note:**

Unit Height = Height from curb to top of the Header.

If out of level conditions exist, measure up the “high” side wall centerline a distance of Unit Height - 7/8" (Return Panel Wall) or Unit Height - 1-1/8" (Sliding Panel Wall) from the threshold and clearly mark this location.

For the wall centerline distance on the “low” side of the threshold, use a level to determine the threshold out of level distance and add this value to Unit Height - 7/8" (Return Panel Wall) or Unit Height - 1-1/8" (Sliding Panel Wall). Measure this summed distance up the “low” side wall centerline from the threshold and clearly mark this location.
On the wall to which the Header will attach, measure back (toward the inside of the shower) 1-3/16” from the location just marked and mark this location to drill.

Drill a 3/16” diameter hole through tile and backer board, do not drill through blocking (See illustration for example.)

Install the Header L-Bracket at this location as shown. Secure the L-Bracket to the wall with a #8 x 1-1/2” truss head screw.

Note: Do not over tighten screws.

On the wall to which the Return Panel Glass will attach, measure back 2” from the location marked earlier and mark this location to drill.

Drill a 3/16” diameter hole, approximately 1” deep, at each wall location. (See illustration for example.)

Insert a Wall Anchor into each hole. Disassemble the Evo Wall Clamp and install at this location as shown. Secure the Clamp to the wall with a #8 x 1 -1/2” truss head screw, keeping the clamp level.

Note: Do not over tighten screws.
Remove u-channels from the hardware box and countersink holes in the u-channels. Each piece of u-channel requires a minimum of two (2) screws, 3” from each end for lengths less than 18”. Lengths 18” or greater require screws approximately every 18”-24”, and 4”-6 from each end.

Each piece of u-channel is cut to length and mitered as necessary. Position each piece of u-channel along the threshold centerline and use low-tack tape to hold in place. Check that each piece of u-channel fits in location along the marked centerlines and mitered joints fit tightly.

In the even the u-channel doesn’t fit properly, contact Technical Support.

*If your unit was ordered with a notch panel, please see appendix “A” for supplemental installation instructions.*

*If your unit includes multiple stationary Glass Panels, repeat the steps associated w/ installing the stationary Glass Panels for each stationary panel. Reference the unit drawing shipped with the unit to determine where each stationary glass panel is to be located.*

With a pencil, carefully mark each hole position on the threshold centerline. Remove the U-Channel and drill a 3/16” diameter hole, approximately 1-1/2” deep, at the marked locations.

**Note:** It is critical that the threshold U-Channel is centered on the centerline.

Insert a small amount of silicone into each drilled hole. Then insert a Wall Anchor into each hole. (Note: This must be done just before u-channel installation).

Carefully cut the heads off the Wall Anchors with a razor blade.

Place the U-Channel in correct position and secure it with #8 x 1-1/2” truss head screws.

**Note:** Do not over tighten screws.
The Return Panel Glass must be installed first. Place 1/8” setting blocks as shown or approximately every 18”. **DO NOT** place setting blocks over screw heads. Using suction cups, set the Return Panel Glass into the appropriate location. Use setting blocks to make exposed edges of the glass level and plumb. As a guideline, there should be approximately an 3/16” gap between the butting wall and the butting edge of the glass panel.

Exposed edges **MUST** be level and plumb before moving to next step.

**Different size setting blocks may be required depending on level conditions. Various size setting blocks provided and can be used in different combinations (stacked) to obtain the desired results.**

![Diagram of setting blocks and hardware installation](image)

Fasten the Return Panel Glass to the Wall Clamp using the provided hardware as shown.

Install the cap when finished.
Attach the Header Clip to the Return Panel Glass as shown using the stud provided. Orient the Header Clip so the “L” portion of the Clip is on top and flat and level.

![Diagram showing the attachment of the Header Clip to the Return Panel Glass.]

Check the Header for proper length in the opening (between the wall and Return Panel Glass). The header should be the opening size minus 1/16”. In the event there is a measurement discrepancy, contact Technical Support.

Place the Header into position and temporarily secure in place using the screws provided.
With the glass level and plumb, make a vertical mark on the Header on center w/ each mounting hole in the Inline Fixed Panel Glass.

Remove the Inline Fixed Panel Glass and set aside. Remove the Header. Using the Drill Guide and Drill bit provided, drill clearance holes in the Header at these locations.

Be sure to clean the internal Header track of all aluminum chips before moving to the next step.

**Different size setting blocks may be required depending on level conditions. Various size setting blocks provided and can be used in different combinations (stacked) to obtain the desired results.**
Using the Drill Guide, slide the Connecting Nuts into the race in the interior of the Header and align w/ the holes. Fasten the Connector Nuts to the Header snugly, using the Clamp and Stud provided as part of the Glass Clamp assembly.

Remove the front plate from the Glass Hangers and set aside. Insert one of the Roller Stops into the end of the Header. Next, insert both of the Glass Hangers into the end of the Header with the clamping screws of the glass hangers facing into the shower, and the brackets for the Fixed Glass Panel(s) facing the exterior of the shower. Lastly, insert the second Roller Stop into the same end of the Header. The end result should be: Roller Stop, Glass Hanger, Glass Hanger and Roller Stop.

Fasten the Header to the L-Brackets using the screws provided.
Using suction cups, slide the Fixed Panel back into position. Secure the Fixed Panel to the Header with the outer half of the Glass Clamp. The Plastic Flat Washer must be sandwiched between the Header side of the Glass Clamp, w/ the Bushing Washer sandwiched between the front of the Glass and the Glass Clamp. Hand tighten only, DO NOT use a tool to tighten for risk of scratching the Clamp or the Glass.

The outside edge of the Fixed Panel should be against the inside face of the Return Panel, w/ the outside face of the Fixed Panel flush to the outside edge of the Return Panel. See illustration for example.

Place the Sliding Panel Bottom Guide on the threshold behind the fixed panel, flush with the edge of the Fixed Panel, and centered 1-3/16" toward the inside of the shower from the unit centerline (see illustration). This position will hide the Bottom Guide behind the fixed panel and align it with the Sliding Panel.

Mark the hole locations on the threshold. Remove the Bottom Guide and drill a 3/16" diameter hole approximately 1” deep at each location.

Insert a small amount of silicone into each drilled hole and insert a Wall Anchor into each hole.

Carefully cut the heads off the wall anchors with a razor blade. Place the Bottom Guide back into position and secure it with #8 x 1-1/2" truss head screws.

Be sure to tighten the set screws that hold the plastic inserts in place before installing the Bottom Guide.
Place the Sliding Panel in the opening by setting the panel on tapered wood shims approximately 3/16” high. Position the Sliding Panel so it’s level and plumb to the opening.

Roll the Glass Hangers into alignment with the holes at the top of the Sliding Panel. Insert the correct size Nylon Spacer to surround the Allen Screw. Use the thickest Spacer that will fit in the hole and still allow the screw to pass through the hole in the middle of the spacer. The spacer is used to ensure the door will maintain the correct positioning.

Tighten the Glass Hangers permanently to the glass and remove the wood shims.

Test the door for smooth operation, adjust as necessary.

Install the handle to the Sliding Glass through the hole provide as shown.

Hand tighten only, DO NOT use a tool to tighten for risk of scratching the Clamp or the Glass.

Make sure the brand logo is horizontal when tight.

Finally, adjust the Roller Stops in the Header appropriately to limit the travel of the Sliding Panel and tighten securely.
On the interior face of the Fixed Glass Panel, place a strip of low tack tape on the glass about 1/8” to 3/16” away from edge of the u-channel both vertically and horizontally. Run a small bead of silicone along this edge. Next, on the interior, run a bead of silicone between the u-channel and the threshold and also between the glass and the wall. After completing, remove the tape before silicone sets.

**NOTE: 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).
Appendix — A  Notch Panel

If your unit has been purchased with a notch panel option, additional pre-cut pieces of u-channel will be provided. These pieces of u-channel will be mitered and cut to size based on the opening dimensions provided with your order. Please follow the same instructions provided for mounting threshold and wall u-channels, to mount the notch panel u-channels. Below are illustrations to clarify the mounting orientations.