FRAMELESS FIXED PANEL SLIDER with 90° RETURN

QCI-5151
### FIXED PANEL SLIDER WITH 90° RETURN

<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
<th>QTY.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>SC893</td>
<td>1&quot; HEADER, TUBE (FRONT)</td>
<td>1</td>
</tr>
<tr>
<td>2</td>
<td>SC893</td>
<td>1&quot; HEADER, TUBE (RETURN)</td>
<td>1</td>
</tr>
<tr>
<td>3</td>
<td>SC938</td>
<td>U-CHANNEL (FRONT, HORIZONTAL)</td>
<td>1</td>
</tr>
<tr>
<td>4</td>
<td>SC938</td>
<td>U-CHANNEL (RETURN, HORIZONTAL)</td>
<td>1</td>
</tr>
<tr>
<td>5</td>
<td>SC938</td>
<td>U-CHANNEL (RETURN, VERTICAL)</td>
<td>1</td>
</tr>
<tr>
<td>6</td>
<td>SC892</td>
<td>FILLER</td>
<td>1</td>
</tr>
<tr>
<td>7</td>
<td>LV03550098XCL00</td>
<td>3/8&quot; VINYL, BULB SEAL</td>
<td>1</td>
</tr>
<tr>
<td>8</td>
<td>SCV917</td>
<td>3/8&quot; VINYL, SEAL</td>
<td>1</td>
</tr>
<tr>
<td>9</td>
<td>SCV912</td>
<td>3/8&quot; VINYL, DRIP</td>
<td>1</td>
</tr>
<tr>
<td>10</td>
<td>BK6J-000SS</td>
<td>WALL MOUNT HEADER BRACKET</td>
<td>2</td>
</tr>
<tr>
<td>11</td>
<td>GC6AU-000BS</td>
<td>CLAMP WITH ANTI-JUMPER</td>
<td>1</td>
</tr>
<tr>
<td>12</td>
<td>GC6AA-000BS</td>
<td>GLASS/HEADER CLAMP</td>
<td>2</td>
</tr>
<tr>
<td>13</td>
<td>RO6AU-000SS</td>
<td>ROLLER ASSEMBLY WITH STOPPER PIN</td>
<td>1</td>
</tr>
<tr>
<td>14</td>
<td>RO6AA-090SS</td>
<td>ROLLER ASSEMBLY</td>
<td>1</td>
</tr>
<tr>
<td>15</td>
<td>GU9AD-000PS</td>
<td>GUIDE</td>
<td>1</td>
</tr>
<tr>
<td>16</td>
<td>TB6C-018SS</td>
<td>18&quot; PULL/KNOB</td>
<td>1</td>
</tr>
<tr>
<td>17</td>
<td>BK6AA-090SS</td>
<td>ANGLED HEADER BRACKET</td>
<td>1</td>
</tr>
<tr>
<td>18**</td>
<td>SC4295</td>
<td>1/8&quot; BUMPER</td>
<td>3</td>
</tr>
<tr>
<td>19**</td>
<td>SC4296</td>
<td>1/4&quot; BUMPER</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>PPHVY02SV</td>
<td>PARTS PAK</td>
<td>1</td>
</tr>
<tr>
<td>20</td>
<td>SC4106</td>
<td>PLASTIC WALL PLUG</td>
<td>20</td>
</tr>
<tr>
<td>21**</td>
<td>--</td>
<td>ALCOHOL PAD</td>
<td>2</td>
</tr>
<tr>
<td>22</td>
<td>SCR095SV</td>
<td>#8 X 1 1/2 STRIKE JAMB SCREW</td>
<td>20</td>
</tr>
<tr>
<td>23</td>
<td>SCV924</td>
<td>1/16 SETTING BLOCK</td>
<td>10</td>
</tr>
<tr>
<td>24</td>
<td>SCV925</td>
<td>1/8 SETTING BLOCK</td>
<td>10</td>
</tr>
</tbody>
</table>

** PART NOT SHOWN

NOTE: NOT EVERY PART IN PARTS PAK WILL BE USED
Tools:

To install your New Shower Enclosure, you may need the following:

- Pencil
- Low Tack Tape
- Tape Measure
- 4’ & 6’ Levels
- #2 Phillips Screwdriver
- Drill
- 1/8” & 3/16” Drill Bit
- Center Punch
- Files
- Hack Saw
- Caulk Gun
- Clear Silicone Caulk
- Suction Cups

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.

NOTE: Tempered glass cannot be cut.

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.

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.
1 If a continuous unit centerline does not exist from the original measuring process, it will be necessary to create one. Lightly mark a continuous unit centerline on the threshold. Next, mark a continuous unit centerline on 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.

2 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 each wall centerline a distance of Unit Height - 1/2” from the threshold, and clearly mark each location.

**Note:** Header Mount Hole = Unit Height - 1/2”, or Panel Glass Height + 1 11/16”

If out of level conditions exist, measure up the “high” side wall centerline a distance of “Unit Height - 1/2” 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 that value to the equation “Unit Height - 1/2”. Measure this summed distance up the “low” side wall centerline from the threshold and clearly mark this location.

Next, drill a 3/16” diameter hole approximately 3” deep, at each marked wall location. (See illustration example.)

**IMPORTANT**
Keep both holes in-line to ensure the header mounts level.

---

Note: It is extremely important the unit centerline is continuous and straight to ensure proper installation.
3 Verify that the U-channels are cut [3 & 4] to the appropriate sizes. The overall length of the Front U-channel [3] will be equal to the Front Opening Width + 1/4”. The overall length of the Return U-channel [4] will be equal to the Return Opening Width + 1/4” (See illustrations for calculations).

Next, drill three 3/16” diameter holes in the center of each U-channel [3 & 4] (centerline groove provided for convenience), two holes approximately 2-1/2” from each end and one in the middle. Place the U-channels in its correct position with the U-channel centerline over the threshold centerline as marked in step one. With a pencil, carefully mark each hole position on the threshold centerline. Remove the U-channels and drill a 3/16” diameter hole, approximately 1” deep, directly on the threshold centerline at the marked locations.

4 Insert a small amount of silicone into each drilled hole and insert a wall plug [20] into each hole. This must be done just before the U-channel installation. Carefully cut the heads off the wall plugs with a razor blade so there is nothing raised above the surface of the threshold. Place the U-channels in correct positions and secure them with #8 x 1-1/2” truss head screws [22].

Note: Do not overtighten screws
5 Verify that the U-channels [5] are cut properly using the below formulas:

\[ U\text{-channel Height} = \text{Unit Height} - 2\ 3/4" \]
\[ \text{or} \]
\[ U\text{-channel Height} = \text{Panel Glass Height} - 9/16" \]

Note: If out of level conditions exist see illustration.

Next, drill three 3/16” diameter holes in the center of U-channel (centerline groove provided for convenience); one hole 2-1/2” from each end and one hole in the middle. Place the U-channel over the wall centerline that was marked in step one. With a pencil, carefully mark each hole position on the wall centerline.

Drill a 3/16” diameter hole, approximately 1” deep, directly on the wall centerline at the marked locations.

6 Insert a wall plug [20] into each drilled hole. Carefully cut the heads off of the wall plugs [20] with a razor blade so there is nothing raised above the surface of the wall. Place U-channel [5] in position and secure it with #8 x 1-1/2” truss head screws [22].

**Note:** Do not overtighten the screws.
7 Disassemble two Wall Mount Header Brackets [10] by loosening the set screws. Screw the inner part of the Header Bracket [10] into the wall with the supplied socket countersunk head screw.

8 Place 1/8” setting blocks [24] into the U-channel as shown or approximately every 18”. **DO NOT** place setting blocks over screw heads, but set them close to ensure the screw heads are below the setting blocks.

Using suction cup, set the Return Glass Panel into the Return U-channel. Use different size of setting blocks to make exposed edges of the glass level and plumb.** Next, using suction cups, set the Front Stationary Panel into the U-channels on the appropriate side. Use different sizes of setting blocks to make exposed edges of the glass level and plumb.**

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

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

Tip: Strap masking tape around the corner of the front and return panels to temporarily hold glass in position.
9 Remove the Anti-jumper from the Clamp [11]. Loosen the Clamp screw but do not remove it.

10 Verify the size of the Return Header [2]. It should be equal to the return opening width minus 1 1/2" (+/- 1/8" tolerance). Slide the Wall Mount Header Bracket [10] on the wall side of the Header [2]. Align the Header with the inner part of the Header Brackets [10] that were mounted to the walls in step 7. Slide the Wall Mount Header Brackets [10] against the wall over the inner part that is mounted to the wall (see pictures).

Place one of the Glass/Header Clamp [12] over the glass panel approximately 4" back from the front edge with the screws on the inside of the shower. Insert the Header [2] into the clamp. Slide the Header tight to the wall and tighten the clamp screw.

Rotate the Wall Mount Header Brackets, so the set screws are facing up and inside the shower. Tighten the 4 set screws on the Wall Mount Header Bracket.

Note: The set screws closest to the wall must be tightened first.
11 Verify the size of the Front Header [1]. It should be equal to the front opening width minus 1 1/2” (+/- 1/8” tolerance). Slide the Angled Header Bracket [17] onto the return side of the Header [1]. The crews should be facing up and inside the shower. Slide the Wall Mount Header Bracket [9] onto the wall side of the Header [1]. Align the Header with the inner part of the Header Bracket [10] that was mounted to the wall in step 7 and at the same time, slide the Angled Header Bracket [17] onto the Return Header [2]. Then slide the Wall Mount Header Brackets [10] against the wall over the inner part that is mounted to the wall (see illustration). Rotate the Wall Mount Header Bracket, so the set screws are facing up and inside the shower. Then tighten the 4 set screws on the Wall Mount Header Bracket.

**Note: The set screws closest to the wall must be tightened first.**

Tighten the 4 set screws and the large upper screw on the Angled Header Bracket [17]. Place one of the Glass/Header Clamp [12] over the front glass panel approximately 4” back from the edge of the panel with the screws on the inside of the shower. Insert the Header into the Clamp and tighten the screw. Repeat these steps for the other Glass/Header Clamp setting this one back 1/4” from the opening edge (see illustration).

---

11 Measure the width of the Door Panel. Place a mark on the Threshold measuring the same distance from the open wall (See illustration). Be sure to remove and discard the black plastic insert from the guide. Place the Guide [15] on the door side of the mark and against inside face of the U-channel. Mark the location of the two mounting holes of the Guide onto the threshold. Next, drill two 3/16” diameter holes at the marked locations. Insert a small amount of silicone into each drilled hole and insert a wall plug into each hole. Then, carefully cut heads off of the wall plugs with a razor blade so there is nothing raised above the surface of the threshold. Place Guide in correct position and secure it with #8 x 1-1/2” truss head screws [22].
13 Take the Roller with Stopper Pin [13] and set the roller cam shaft by loosening a set screw with the 4mm Allen wrench and rotate the cam shaft to set the adjustment hole to horizontal, then retighten the set screw. Do the same steps with the Roller [14]. Remove mount bolts and washers before mounting the Roller Assemblies [13/14] to the Door Panel.

Note: The Rollers [13/14] have +/-1/8” height adjustment.

14 Mount the Roller Assembly With Stopper Pin [13] to the wall side of the Door Panel with the bolts facing to the outside of the shower. Mount the Roller Assembly [14] to the stationary panel side of the Door Panel with the bolts facing the outside of the shower.

15 Cut the Drip Vinyl [9] to the appropriate size. Place the Drip Vinyl [9] onto the bottom of the door panel. Line it up on the wall side of the door.

TIP: Run a small bead of silicone on the interior where the drip vinyl and the glass meet to secure the vinyl sweep and prevent water from collecting inside the sweep.
16 Carefully hang the Door Panel with Rollers [13/14] on the Header [1]. Make sure the Door Panel is lined up inside the Guide [15]. If necessary, adjust the Door Panel so the top of the glass is flush with the Stationary Panel by loosening the set screw located on the top of the Roller Assembly with 4mm Allen wrench and rotating the cam shaft.

Tip: a small screwdriver or Allen wrench can be used to rotate the cam shaft.

No gap between cam shaft and rod

Be sure to tighten the set screws before releasing the door.

Note: The Rollers [9 &10] have +/-1/8" height adjustment.

17 Reinstall the Anti-jumper on the Clamp [11] which was removed from the Clamp (see step 9).
18 Install the Bulb Vinyl Seal [7] and Vinyl Seal [8]. Cut the Vinlys to size equal to the Door Panel height minus 1/2”. Place the Bulb Vinyl onto the wall side of the door panel with the lip facing inside the shower. Place the other Seal Vinyl on the opposite side of the door panel with the lip facing outside of the shower.

19 Place 18” Pull/Knob [16] or Back to Back Knob [16] on the Door Panel (see pictures).

20 Be sure to test full range of door and make sure no interference happens at any point. With the door in its closed position (against the wall) slowly open it fully (until the stopper pin hits the antijump) making sure the handle doesn’t hit the fixed panel, and the back end of the glass does not hit the wall.
21 Measure the distance between the wall and the Stationary Panel. Cut the Filler [6] to the measured distance. Run a small bead of silicone along both sides of the Filler [6]. Then, insert the Filler into the U-channel [3] (see illustrations).

22 On the interior face of the Side 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. Finally, on the interior, run a bead of silicone between the u-channel and the threshold and also between the u-channel and the wall. After complete, 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)