**FIRST STEPS** - Identify the **door width** and **model number** of your unit.

- Look on the white shipping label on the outer cardboard box.

- **Door width** is annotated as **DW or DWX** on the label

\[ DW \text{ or } DWX = \square \text{ fill-in} \]

- **Model number** on label should correspond to one listed above. Or look below and identify by **handle type and glass thickness**

![Diagram of door models and installation instructions]

**SD180**
Swing Door & 180° Panel

**SD280**
Swing Door & 2 - 180° Panels

This installation sheet is a required component in Parts Bag BP.3122.SIL
Thank you for purchasing this outstanding product!
This booklet will help you install your units safely and successfully.

READ - Warnings and General Shower Door Information on these pages before beginning installation

SAFETY WARNINGS: HEAVY CAUTION SHARP GLASS FRAGILE

Follow instructions: Instructions must be read and followed carefully to reduce the risk of serious injury during and after installation. Any deviation from these instructions can create safety hazards.

General Safety Notes:

- **Tempered Glass:** All glass panels are safety tempered to conform to general building codes. The intent of tempering is to reduce the risk of injury. Be careful handling tempered glass. Pay special attention to protect all edges of the glass from contact with hard surfaces.

- **Exposed ends of aluminum** and other hard components can be rough, sharp or jagged due to the processes of cutting, drilling, notching, etc. Sharp ends must be deburred, smoothed or rounded by the installer before installation. Failure to do so could result in serious injury to installer and user of the enclosure.

- **Sliding and swinging glass doors** hitting any unprotected bathroom obstruction or metal or glass component of the shower door itself, may indicate improper installation and could lead to glass breakage or serious injury. The installer must correct the deficiencies before allowing the door to be used.

- **Towel Bars, handles and other accessories** are in no way considered to be grab bars or other bracing or fall prevention mechanisms. The intent of these accessories is to facilitate proper operations and esthetics of the unit.

**Required Tools**

- Pencil or water soluble felt pen
- Hacksaw with 24 tooth blade
- Metal file (smooth sharp edges)
- Tape measure
- Clear 100% Silicone (recommended)
- #2 Phillips Screw driver
- 3/16" and 5/16" drill bit carbide for tile
- Caulking gun
- Drill, electric or battery
- 4 ft. Level
- Rubber mallet
- Razor knife
- Blue painter's tape
Shower Door Facts

Shower Doors are Not Watertight:
Depending on the type of shower door selected, a properly designed and installed shower enclosures will protect areas outside of the enclosure from water damage under normal shower conditions to varying degrees. Excessive water pressure or directing the shower head or hand held sprays directly at doors or joints is not a normal shower conditions and can result a leak. The amount of water that can escape your shower varies by the type of shower as well. Heavy glass units with no or limited vinyl seals will allow water to escape under normal conditions. In general, the more metal and seals in the unit, the more water protection will be achieved.

Drilling holes in horizontal surfaces:
Drilling holes to anchor horizontal sills and curbs to thresholds and tub decks is discouraged. Using masking tape or double-sided tapes to secure non-load bearing components during installation (permanently secured later with silicone/caulking) is one technique to help minimize potential of water leaking underneath flooring. These instructions do not recommend drilling holes on horizontal surfaces for this reason.

Metal Finishes

- Anodized Aluminum:
The color of anodized Silver, Brushed Nickel, Satin Silver, Dark Bronze, and Gold anodized aluminum will vary between adjacent components because of variabilities within polishing, anodizing process and alloy composition. We make every effort to limit the variation; but, it is allowable and must be accepted.

- Electro Plated Brass and Stainless Steel:
The color of Silver, Brushed Nickel, Satin Silver, Oil Rubbed Bronze, Dark Bronze, and Gold electro plated components will also vary. This is allowable. Most of these finishes are also “living finishes”, meaning, they may change, wear, weather, show patina, oxidize, etc. over the life of the product. This is allowable.

- Powder Coat:
This is a painting process and therefore can achieve the best color matching. Power coat paint, however, is less durable at joints of moving components and at edges that have been cut after the powder coat has cured. Some flaking or chipping in these areas are allowable.

- All Metal:
Any metal component (and glass components as well) will have limited scratches and pits. We make every effort to limit them; but, they are allowable and must be accepted.

Cleaning and Care:
Refer to your owners manual for cleaning and care instructions.

Questions or Comments:
1-800-843-3332
### Frame Parts and Stationary Panel for SD180
(parts are common for all “180” units)

**Figure 1 - Exploded View — SD180 only**

<table>
<thead>
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<th>ITEM</th>
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<td>STALL CURB</td>
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<td>4</td>
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<td>180° POST</td>
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<td>EX.1268</td>
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<td>6</td>
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<td>3/16&quot; GLASS SIDE LITE PANEL</td>
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<tr>
<td>7</td>
<td>VN.4031</td>
<td>SNAP - VERTICAL VINYL</td>
<td>4</td>
</tr>
<tr>
<td>8</td>
<td>VN.4026</td>
<td>VS-14 HORIZONTAL VINYL</td>
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<tr>
<td>9</td>
<td>BP.3027</td>
<td>#8 X 1-1/2 FPHSMS</td>
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<td>10</td>
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<td>3/16 WALL ANCHOR</td>
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<td>6 X 3/8 PHPHSMS</td>
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<td>EX.1193</td>
<td>LATCH JAMB</td>
<td>1</td>
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<td>16</td>
<td>VN.4033</td>
<td>VERTICAL GLAZING VINYL*</td>
<td>4</td>
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*Optional for 1/4" glass

**Extra screws may be provided for your convenience**

---

**Door assy on following pages**

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Frame Parts and Stationary Panels for

SD280 (parts are common for all “280” units)

Figure 1 - Exploded View __SD280 only

Extra screws may be provided for your convenience

---

**Parts List**

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<th>QTY</th>
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<td>180° POST</td>
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<td>5</td>
<td>EX.1268</td>
<td>JAMB FILLER/WALL CHANNEL</td>
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<tr>
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<td>GLASS</td>
<td>3/16” GLASS SIDE LITE PANEL</td>
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<td>VN.4031</td>
<td>SNAP - VERTICAL VINYL</td>
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<td>10</td>
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<td>14</td>
<td>BP.3031</td>
<td>8 X ½ PHHSMS TEK</td>
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<tr>
<td>15</td>
<td>EX.1193</td>
<td>LATCH JAMB</td>
<td>1</td>
</tr>
<tr>
<td>16</td>
<td>VN.4033</td>
<td>VERTICAL GLAZING VINYL*</td>
<td>4</td>
</tr>
</tbody>
</table>

*Optional for 1/4” glass

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Door assy on following pages
**STEP 1 - Curb Installation (#1)**

* Measure the wall to wall where you want the center of the unit to be installed, subtract 1/16" from this.

* Mark location for reference.

* Cut the Stall Curb (ITEM #2) to this length.

* Insert foam plug (ITEM #11) into each end of the Stall Curb and recess 1/8". Fill 1/8" void with silicone.

* Set the curb in place centered over where you measured, secure with blue tape.

* Verify weep holes are oriented to the inside of shower.

* Do not screw the curb to threshold.

* Insert at least 2 setting blocks (ITEM #12) in the curb underneath where each side lite panels will rest.

**STEP 2 - Wall Channel (#5)**

* Insert Wall Channel (ITEM #5) into curb, on side of fixed panel. Plumb channel with a level.

* Mark the hole locations onto the wall. Remove the channel.

* Drill marked locations with 3/16" drill bit

* Insert 3 Wall Anchors (ITEM #10).

* Re-insert channel and secure with 3 screws (ITEM #9).

**SD280 Steps:** Repeat above step on the opposite wall if installing a SD280

**STEP 3 - 180° Post(s) & 3/16” Fixed Panel(s):**

**SD180 Steps** (skip to next page if SD280)

* Set 3/16” Glass Panel into Curb and Wall Channel.

* NOTE: If patterned or frosted glass is used, ensure that the rough side faces outward.

* Insert the 180° Post (ITEM #4) into the Stall Curb and over the edge of the Side Lite Panel

* Subtract 3/4” from DW or DWX length.

* Mark this dimension onto the Stall Curb measuring from the door side wall.

* Move the leading edge of the 180° Post to this mark

* Temporarily hold the post and glass in place by glazing the top 1” – 2” of the panel into the channels. This is done by inserting Snap Vinyl (ITEM #7) between glass and channel. Do not cut the vinyl at this time.
STEP 3 - 180° Posts & 3/16" Fixed Panels:

**SD280 Steps:**
* Insert the Side Lite Panels (ITEM #6) into the Stall Curb and Wall Channels, resting on a Setting Block
* NOTE: If patterned or frosted glass is used, ensure that the rough side faces outward.
* Insert the 180° Posts (ITEM #4) into the Stall Curb and over the edge of the Side Lite Panels.
* Measure and mark the center of the Stall Curb
* Subtract 1 3/4" from DW or DWX length.
* Center this dimension over the center of the Stall Curb and mark it onto the curb
* Bring the leading edges of the 180° Posts to these marks See (FIG. #3) for detail.

**STEP 4 - Stall Header**
* Measure wall to wall at the top of the vertical posts.
* Subtract 1/16" and cut Stall Header (ITEM #1) to length.
* Set header over the top of the vertical posts. Verify that the bottom(s) of the 180° Post(s) have not moved from their marks
* Tap the top(s) of the 180° Posts into a plumb position
* From the inside of the shower, attach the header by drilling through the header into the verticals with a #32 wire gauge drill bit. The glass panels should be tilted out of the way while drilling holes.
* Secure header with #6 X 3/8 PHPHSMS (ITEM #13).
* Secure the curb at the 180° Post(s) using the same method.

**STEP 5 - Vinyl Glaze 3/16" Glass Side Lite Panel(s)**
* Center a Side Lite Pane(s)l between its posts
* Glaze vertical post(s) and wall channel(s) with Glazing Vinyl (ITEM #7).
* Glaze the top and bottom of the panel with 4 – VS-14 Glazing Vinyl (ITEM #8).
* Refer to Exploded views on pgs 4 and 5 for glazing vinyl types and proper locations

(Special: Refer to Pg 16 for glazing 1/4" side lite panels for some D and S units with special pattern glass)
STEP 6 - Latch and Door Installation

* Set the Latch Jamb (ITEM #15) in place over the appropriate vertical post, but do not secure at this time. Orient the door so that it will open outwards and slide Hinge Jamb (which is connected to the door) over the opposite post.

* Adjust the Hinge and latch jamb somewhat equally off their respective vertical posts, (Primary Adjustment).

* Adjust door to ensure the top of the door is parallel with the bottom of the header.

* From the inside of the shower, drill the top hole on the Hinge Jamb into the vertical post with a #32 wire gauge drill bit.

* Secure with a #8 X 1/2 PHPHSMS TEK (ITEM #14). Re-check the door alignment and repeat the procedure for the middle and bottom screws.

Door installation is specific to the model you purchased!
Find your model and proceed to the appropriate page

**Model Number: DSD180/280**
1/4" Glass Door - 6" Pull w/ Edge Cap Magnet  →  Page 9

**Model Number: SSD180/280**
1/4" Glass Door - 6" Pull w/ Continuous Magnet  →  Page 10

**Model Number: CSD180/280**
3/16" Glass Door - Edge Glazed Handle w/ Magnet  →  Page 11

**Model Number: VSD180/280**
3/16" Glass Door - Edge Glazed Handle w/ Continuous Magnet  →  Page 12

**Model Number: BSD180/280 or FSD180/280**
Framed Door Handle w/ Continuous Magnet  →  Page 13
Step 7 - Handle (multiple styles)
* Dis-assemble handle assembly then reverse the procedure and install into the 1/2” handle holes in the door panel.

Step 8 - Magnetic Catch
* Dry fit magnet catch over the edge of the glass and line it up with the steel plate in the latch jamb.
* Mark top and bottom of the Magnet latch onto edge of glass.
* Inject a small amount of silicone into the magnet latch.
* Tap in place over the glass edge lined up with the location marks you made earlier.
* Use Painters tape to hold Magnet latch in place until it dries.

Step 9 - Adjust and Secure Latch Jamb
* Adjust the reveal on the latch jamb so it is the same top to bottom. Make sure the steel plate is still lined up with the Magnet latch and secure the latch jamb with 3 - #8 X 1/2" PH TEK #14 screws.

Step 10 - Drip Assembly
* Measure the distance from the edge of the glass to the edge of the hinge rail as shown below right.
* Both ends of the Bottom Sweep are notched so that one of the notches will seal under the hinge rail.
* Identify which notched end you are going to keep and cut the drip assembly to length. Notch the cut end as shown.
* Fit over the bottom edge of the door panel and adjust for height.

---

**ITEM** | **PART #** | **DESCRIPTION** | **QTY**
--- | --- | --- | ---
16 | EX.1165 | Hinge Jamb | 1
17 | EX.1466 | Hinge Rail | 1
18 | | 1/4” Glass Panel | 1
19 | HA.2701 | Handle | 1
20 | BP.3701 | Over Edge Magnet | 1
21 | VN.4062 | Bottom Sweep | 1
22 | VN.4002 | Bulb Seal | 1

---

**DRIP ASSEMBLY DETAIL**

**TOP VIEW**
Flange inside of shower

Glass

Notch for Latch Jamb

Bottom Sweep

Fit notch around Hinge Rail

Cut notch to clear latch jamb when closed

Proceed Step 11 on page 14 →
**Step 7 - Handle** (multiple styles)
* Dis-assemble handle assembly then reverse the procedure and install into the 1/2" handle holes in the door panel.

**Step 8 - Drip Assembly**
* Measure the distance from the edge of the glass to the edge of the hinge rail as shown below right.
* Both ends of the drip assembly are notched so that one of the notches will seal under the hinge rail.
* Identify which notched end you are going to keep and cut the drip assembly to length. Notch the cut end as shown.
* Fit over the bottom edge of the door panel and adjust for height.

**Step 9 - Apply Adhesive Magnet Strip**
* Remove the adhesive magnet off of the latch jamb magnet and note that the index grooves are on the same side.
* Keep indexes on the same side, peel off the red backing and apply the magnet to the vertical edge of the door panel. Trim at the top of the glass and trim the bottom off at the top of the Drip Assembly.

**Step 10 - Adjust and Secure Latch Jamb**
* Adjust the latch reveal so that it is even all the way down and centered over the magnet on the door.
* Secure the latch jamb with 3 - #8 X 1/2 PH TEK screws.
* If the magnets repel each other, remove and reverse the magnet in the latch jamb.

---

**ITEM** | **PART #** | **DESCRIPTION**  | **QTY**
--- | --- | --- | ---
26  | EX.1165 | Hinge Jamb | 1
27  | EX.1466 | Hinge Rail | 1
28  |  | 1/4" Glass Panel | 1
29  | HA.2701 | Handle | 1
30  | VN.4102 | Adhesive Magnet | 1
31  | VN.4062 | Bottom Sweep | 1
Step 7 - Magnetic Handle
* Dry fit the magnet handle over the edge of the glass and line it up with the steel plate in the latch jamb.
* Mark the top and bottom of the Magnet latch onto the glass edge.
* Lay the handle vinyl in place over the edge of the of the door panel, and over the top and bottom marks for the handle location. Tap handle in place over the handle vinyl, lined up with the location marks you made earlier.
* Use a razor knife the trim the excess handle vinyl.

Step 8 - Adjust and Secure Latch Jamb.
* Adjust reveal on the latch jamb so it is the same top to bottom
* Make sure the steel plate is still lined up with the Magnet latch and secure the latch jamb with 3 - #8 X 1/2" PH TEK screws.

Step 9 - Drip Assembly
* Measure the distance from the edge of the glass to the edge of the hinge rail as shown below right.
* Both ends of the drip assembly are notched so that one of the notches will seal under the hinge rail.
* Identify which notched end you are going to keep and cut the drip assembly to length. Notch the cut end as shown.
* Fit over the bottom edge of the door panel and adjust for height.

---

DRIP ASSEMBLY DETAIL

TOP VIEW

Flange inside of shower

Measure

Glass

Notch for Latch Jamb

Bottom Sweep

Fit notch around Hinge Rail

Cut notch to clear latch jamb when closed

---

**ITEM** | **PART #** | **DESCRIPTION** | **QTY**
--- | --- | --- | ---
36 | EX.1165 | Hinge Jamb | 1
37 | EX.1466 | Hinge Rail | 1
38 | | 3/16” Glass Panel | 1
39 | BP.3021 | Handle | 1
40 | VN.4082 | Bottom Sweep | 1
41 | VN.4002 | Bulb Seal | 1

Proceed Step 11 on page 14 →
**Step 7 - Handle**
* Dry fit the handle over the edge of the glass and line it up with the vertical centerline of the door panel.
* Mark the top and bottom of the handle onto the glass edge.
* Lay the handle vinyl in place over the edge of the door panel, and over the top and bottom marks for the handle location. Tap handle in place over the handle vinyl, lined up with the location marks you made earlier.
* Use a razor knife to trim the excess handle vinyl.

**Step 8 - Drip Assembly**
* Measure the distance from the edge of the glass to the edge of the hinge rail as shown bottom right.
* Both ends of the drip Bottom Sweep are notched so that one of the notches will seal under the hinge rail.
* Identify which notched end you are going to keep and cut the drip assembly to length. Notch the cut end as shown.
* Fit over the bottom edge of the door panel and adjust for height.

**Step 9 - Adhesive Magnet Strip**
* Remove the adhesive magnet off of the latch jamb magnet and note that the index grooves are on the same side.
* Keeping the indexes on the same side, peel off the red backing and apply the magnet to the vertical edge of the door panel.
* Trim at the top of the glass and at the top of the Handle.
* Take a second piece of adhesive magnet and apply it from the bottom of the handle to the top of the drip assembly.

**Step 10 - Adjust and Secure Latch Jamb**
* Adjust reveal on the latch jamb so it is the same top to bottom.
* Make sure Handle is centered over the latch jamb magnet.
* Secure latch jamb with 3 - #8 X 1/2" PH TEK screws.

---

**ITEM** | **PART #** | **DESCRIPTION** | **QTY**
---|---|---|---
50 | EX.1165 | Hinge Jamb | 1
51 | EX.1466 | Hinge Rail | 1
52 | 3/16" Glass Panel | 1
53 | BP.3019 | Handle | 1
54 | VN.4102 | Adhesive Magnet | 2
55 | VN.4062 | Bottom Sweep | 1
STEP 7 - Adjust and Secure Latch Jamb
* Adjust the reveal on the latch jamb so it is the same top to bottom.
* Make sure Handle is centered over the latch jamb magnet. The grooves in the two magnets should be opposite of each other. If the magnets repel each other, reverse the magnet in the latch jamb.
* Secure the latch jamb with 3 - #8 X 1/2" PH TEK screws.

STEP 8 - Curb Fillers (also see STEP 11 on nex page)
* With the door in the closed position, measure between the Hinge Jamb and Latch Jamb at the top of the Stall Curb.
* Cut one Curb Filler, (ITEM #3) to this length. Snap the filler into place in the curb with the vertical water dam of the part to the outside.
* Seal each end with sealant. Repeat this procedure for the top Header Filler. The Header Filler does not require sealant.

STEP 9 - Install drip assembly
* Measure from the Latch Jamb to the middle of the Hinge Jamb as shown to the right.
* Cut the drip assembly to this dimension.
* Scrap off any adhesive from the drip assembly that is stuck to the "remove adhesive" area below.
* Stick the drip assembly to the bottom rail so that the bottom, flexible portion of the drip assembly is 1/16" or less from the top of the curb filler.

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<td>65</td>
<td>VN.4197</td>
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STEP 11 - Header and Curb Fillers

* With the door in the closed position, measure between the Hinge Jamb and Latch Jamb at the bottom of the door opening (on top of the Stall Curb).

* Cut one Curb Filler (ITEM #3) to this length. Snap the filler into place in the curb with the vertical water dam of the part to the outside.

* Seal each end with sealant.

* Repeat this procedure for the top for the Header Filler (no sealant required).

STEP 12 - Silicone Sealant on Outside Perimeter

* Run a bead of 100% silicone sealant the full length on the outside of the shower where the shower door framing meets the walls and threshold.

* Allow 24 hours for silicone to cure before using your shower.

Thank you for choosing this great product!

Please refer to your Owner’s Manual for Warranty Registration and Cleaning and Care Instructions

Questions or Comments:
1-800-843-3332
D and S Units with Special Pattern Glass:

* Some pattern glass does not come in 3/16” thickness for the side lite panels.

* Therefore, when certain glass types are ordered, D and S models must use 1/4” for the side lites.

* This requires a different glazing vinyls and the use of silicone on the inside vertical joints (pictured to the right).