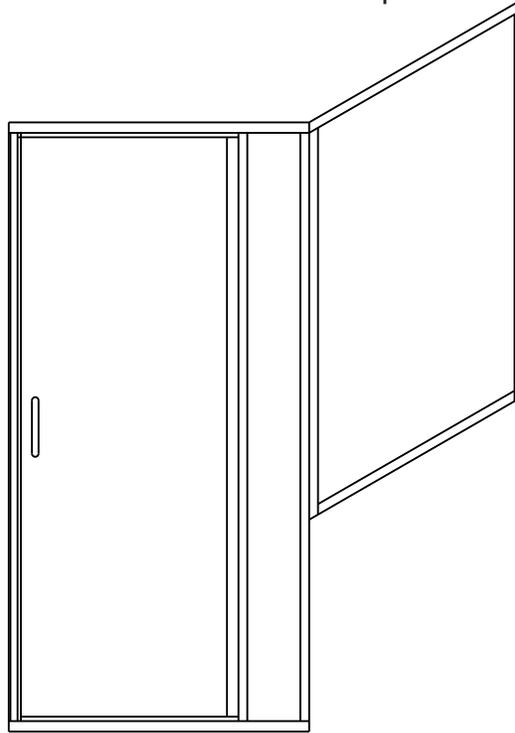


Installation Instructions for SSD290 / DSD290

1/4" Door w/ 180° and 90° Panel w/ buttness

FIRST STEPS - Identify the model number of your unit.

- Look on the white shipping label on the outer cardboard box.
- **Model number** on label should correspond to one listed above.



SSD290/DSD290

NOTE:

- Installation procedures are the same for tub or shower height units
- The images in this manual show an arrangement with the showerhead to the left. The same instructions apply for the opposite orientation where the examples would be reversed.

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



* 1/8" 3/16", 1/4" drill bits (carbide for tile)



* Caulking gun



* Drill, electric or battery



* 4 ft. Level



* Rubber mallet



* Razor knife



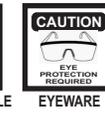
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READ ENTIRE MANUAL BEFORE INSTALLATION AND OPERATION

Warnings and General Shower Door Information



**SAFETY
WARNINGS:**



READ AND FOLLOW INSTRUCTIONS: Failure to follow all instructions, warnings and guidelines may result in serious injury or death, may cause water damage, and will void the terms of your warranty.

General Safety and Installation Policies

Before Installation:

- **Proper Size:** Ensure the enclosure is the proper size for your opening prior to beginning installation.
- **Safe Installation:** Some units may require two or more people to safely install the enclosure properly.
- **Packaging:** It is recommended to retain all packaging and other materials until installation is complete in the event of a return.
- **Inspect:** Installer should inventory all parts or components and inspect them for damage prior to beginning installation.
- **Sharp Edges:** 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.
- **Safety equipment and tools:** Have all necessary safety equipment (glasses and gloves) and proper tools for the installation. The installer is responsible for determining the correct drill bit(s) for the installation.
- **New Tile:** We recommend that you allow at least 2 days (48 hours) for the tile cement and grout to dry before installing enclosure.

During Installation



- **Proper backing:** Shower doors are heavy. Therefore, glazing channels, fillers, hinges and headers blocks (structural components) should be secured to studs or solid backing beneath the tile or decorative substrate. Fasteners should screw directly into the backing. Wall anchors are provided primarily to separate screws from tile to reduce the possibility of cracking.

- **Tempered glass:** Glass can break. Shower door panels are tempered to ASTM C1048 specifications as required by building codes. Glass is tempered to greatly increase its strength and to make it fragment into smaller and lighter pieces reducing the possibility of injury in the event that the glass does break. Tempered glass will break and may cause bodily injury if you attempt to cut, drill, mill or alter it in any way. Care must be taken when handling tempered glass. Pay special attention to protect all edges of the glass from contact with hard surfaces.
- **Horizontal surfaces and installation holes:** Avoid drilling into the horizontal surfaces of tubs or showers unless it is required for the structural integrity of the unit. If you drill into horizontal surfaces, always generously caulk the holes, anchors, screws and on top of the screw head. If this is not done, or is done improperly, water damage can occur under the tile or substrate.
- **Weep holes in horizontal channels:** Drilling 3/8" weep holes on the inside of horizontal channels is recommended to allow any moisture build-up inside a channel to exit the channel. Due to varying installation conditions and installer's/owner's personal preference, however, we do not drill them in the factory.
- **Sliding and swinging glass doors:** A door may be improperly installed if it hits or scrapes against bathroom obstructions (toilets or cabinets) or any metal or glass components of the shower door itself. This could lead to glass breakage or serious injury. The installer must correct the deficiencies before allowing the door to be used.
- **Surface conditions:** Most shower door designs allow for out-of-square or unlevel installation. Generally, any outage more than 3/8" that was not identified during the ordering process is outside of these allowances and can result in an improper installation.

Caulking/Siliconing the Unit:

- Always clean all contact surfaces before caulking and use a high grade 100% silicone for best results.
- After installation, at a minimum, caulk the entire outside perimeter of the unit where the unit touches walls, sills, and step-ups, etc. Also caulk any vertical joints between metal components where water build-up inside of the channels could leak out.

After Installation:

- **Curing times:** Adhere to manufacturers' recommended curing times for VHB tapes, silicones and any other adhesives, coatings or chemicals used during installation. Unless otherwise stated, it is recommended to wait 72 hours before using the enclosure.
- **Normal wear and tear:** Although these enclosures are designed to last for years, certain items (such as the polycarbonate seals and door sweeps) may need to be replaced as they show signs of aging and wear.

General Disclaimers

- **Shower Doors are not watertight:** Consumers should understand that a shower door is not watertight. The amount of water that can escape your shower can vary greatly based on shower/tub size, configuration of shower head(s), type of thresholds and drains and by the type of shower door itself. Heavy glass units with no or limited vinyl seals, for example, can allow water to escape under normal conditions. Doors with more metal and seals generally provide more water protection. Excessive water pressure or directing shower heads or hand held sprays directly at doors or joints is not a normal shower conditions and can result in leaks.
- **Towel bars, handles and 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 operation or enhance the esthetics and functionality of the unit.

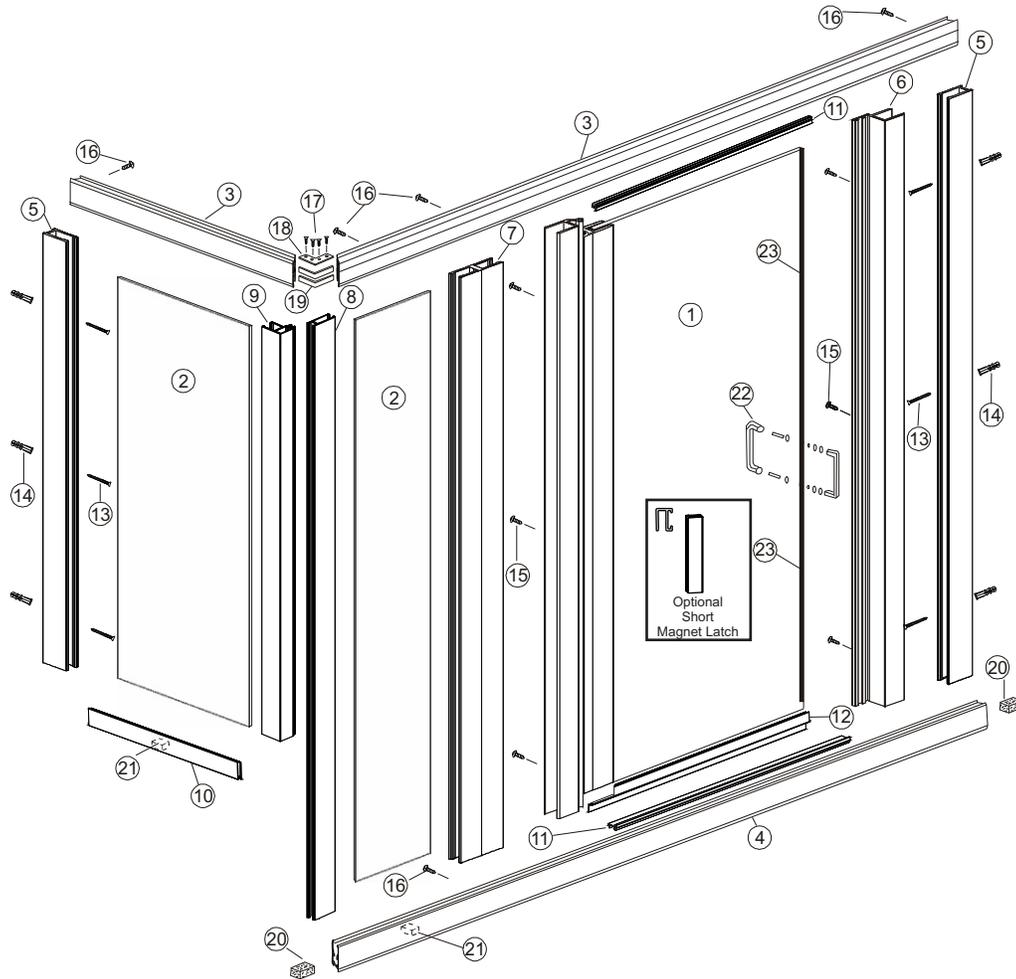
Owners Manual:

Refer to your Owners Manual for general installation and cleaning and care instructions. If a copy of the Owners Manual was not included, you can download one on the RESOURCES page of our website.

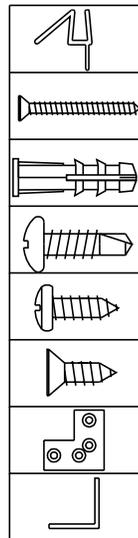
Questions or Comments:

1-800-843-3332

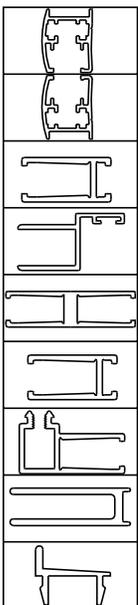
1/4" SERIES FRAMELESS SWING DOOR WITH INLINE & 90° RETURN STEP PANEL



1.	7102	DOOR ASSEMBLY	1
2.	7106	PANEL	2
3.	1171	HEADER	2
4.	1271	CURB	3
5.	1268	WALL CHANNEL	2
6.	1193	STRIKE JAMB	1
7.	1173	180° POST	1
8.	1268	180° STEP POST	1
9.	1179	90° STEP POST	1
10.	1070	PANEL SILL	1
11.	1072	CURB FILLER	1

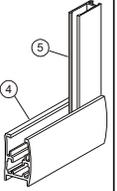


12.	4082	BOTTOM RAIL	1
13.	2101	#8 X 1-1/2 FHPHSMS	6
14.	2217	WALL ANCHOR	6
15.	2110	#8 X 1/2 PPH TEK	6
16.	2102	#6 X 3/8 PPHSMS	6
17.	2103	#6 X 3/8 FHPHSMS	4
18.	2016	90° HEADER PLATE	1
19.	2015	90° HEADER CLIPS	2
20.	2204	FOAM PLUGS	2
21.	2203	SETTING BLOCK	4
22.	2701	D-PULL HANDLE	1

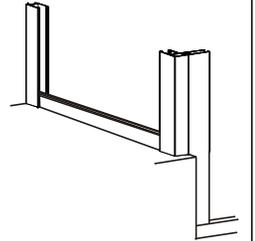


1. Measure the wall to wall opening at the threshold. Subtract 1/16" and cut the stall curb(#4) to size. Insert 1 foam plug into each end and recess about 1/8". Seal each end with sealant. Set curb into place with weep holes to the inside of the shower. Mark curb location on each wall.

2. Insert a full height wall channel (#5) into the curb, against the wall and plumb with a level. Mark mounting hole locations. Remove the channel, drill 3/16" holes and insert wall anchors. Secure the channel with #8x1-1/2" flathead screws.

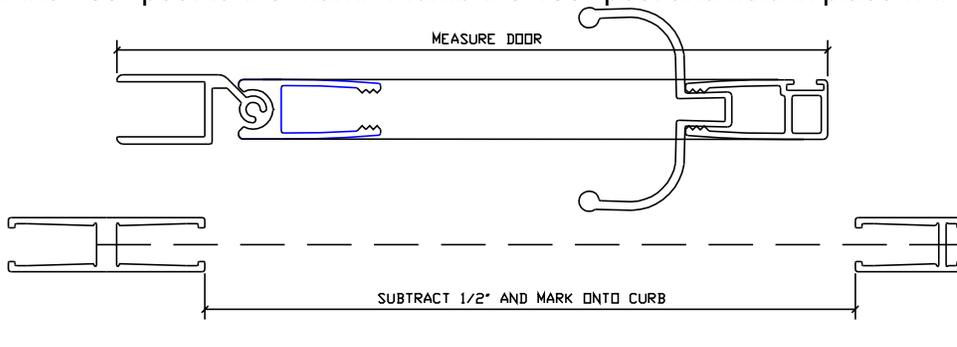


3. Attach step panel corner posts together and set in place into stall curb. Plumb and mark hole locations onto the step up. Drill 3/16 holes and insert wall anchors, but do not secure at this time. Temporarily hold the post in place with painters tape. Dry fit the panel sill into the corner post and align on the step up. Use painters tape to hold. Insert short wall channel over opposite end of panel sill and against the wall. Plumb and mark hole locations onto the wall. Drill with 3/16" bit and insert wall anchors. Secure wall channel with #8 X 1-1/2 FHPHMS.

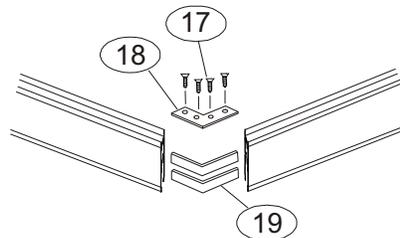


4. Insert setting blocks, then insert panel into the panel sill and into back wall channel. Adjust as necessary. Insert corner post over edge of glass and end of panel sill. Realign the corner post to the hole drilled earlier. Secure post with #8 X 1-1/2 FHPHMS. Temporarily hold post to glass with painters tape.

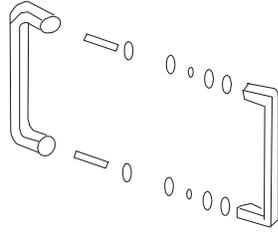
5. Insert full height panel into the curb and into the wall channel. Insert the 180° post into the curb and over the panel edge. To place the 180° post, refer to diagram below. Measure the door as shown, then subtract 1/2". Mark this dimension onto the curb measuring from the leading edge of the wall channel. Move the leading edge of the 180° post to the mark. Plumb the 180° post and hold in place with painters tape.



6. Measure from the outside most corner of the 90° post, to each wall. Add 1/4" to each dimension and cut the stall headers to length. Attach miters as shown. Drill 1/8" holes and secure clips and headers with #6 X 3/8 FHPHMS. Set headers in place over the verticals. Re check 180° post for plumb. From the inside, secure by drilling through the header into the posts with a 1/8" bit. Caution: Take great care not to drill or screw into the glass panels. Repeat procedure at the bottom of the 180° post. Center the panel glass between the wall channel and the inline post. Glaze the vertical posts first with the VS-13 thin glazing vinyl. Then glaze the top and bottom of the panel with the VS-14 thick glazing vinyl. Repeat procedure for step panel. The step panel is siliconed into the bottom panel sill on both sides.



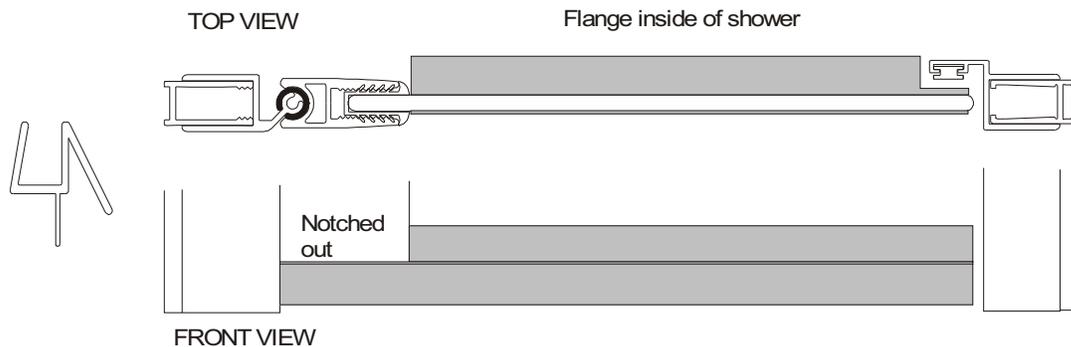
7. Slide the door assembly over the appropriate vertical jamb ensuring that the door will open outward. Plumb the top of the door to make sure the reveal between the top of the door and the bottom of the header is equal. From the inside of shower, drill top hole in the hinge jamb with a 1/8" bit and secure with #8 X 1/2 PPH TEK screw. Install the strike jamb over the opposite post. Install the handle as shown below. Please note where all the small parts are located before disassembling the handle. The must be reassembled in this order with tube shaped grommets inserted into the holes in the glass. The handle with the Allen set screws goes to the inside of shower.



8. Apply the adhesive magnet to the door as follows: Clean the glass edge where the magnet will be applied with 70% Isopropyl Alcohol. The glass must be very clean for proper adhesion. **NOTE:** The magnet has a polarity index groove toward one edge. Peel the backing off and apply it along the edge of the glass. Cut the magnet squarely to size. The magnet adhesive will achieve the maximum strength in about 72 hours. The door may be used in this time. With the door closed, align the strike with the magnet on the door. If the magnets repel each other, slide the magnet out of the strike jamb, reverse it end for end and slide it back in. Re-check door alignment and secure middle and bottom screws. Secure strike jamb using same method and #8 X 1/2 PPH TEK screws.

9. With the door in the closed position measure from the strike to the hinge jamb at the top of the curb. Cut 1 curb fill to this length. Snap the curb fill into place with the vertical water dam to the outside of the door. Seal each end with sealant. Repeat this procedure at the top of the door but it does not require sealing.

10. To install the drip rail on the bottom of the door, measure the glass at the bottom of the door on the inside between the magnet and hinge jamb. The slanted portion of the drip rail goes on the inside of the shower. If necessary notch the portion of the drip rail so that it will fit under the hinge rail. Test fit and make sure that the drip rail does not interfere with the magnet. Place a few drops of silicone inside of the channel of the drip rail and press upwards onto the bottom of the door.



11. Run a continuous bead of silicone across the outside of the shower unit where the metal meets the walls and threshold.

NOTE; For installation and technical support please reference the shipping document, the box that the product was shipped in or call the store where you purchased this product from.