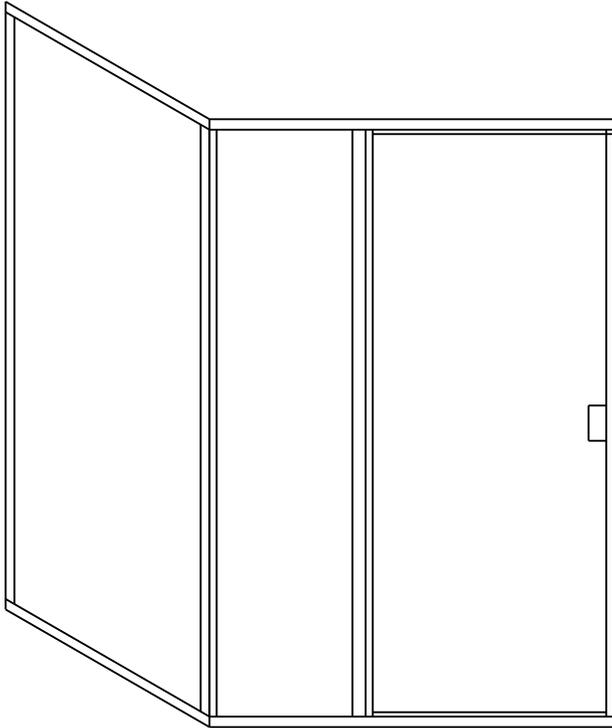


# Installation Instructions for SSD290 or DSD290

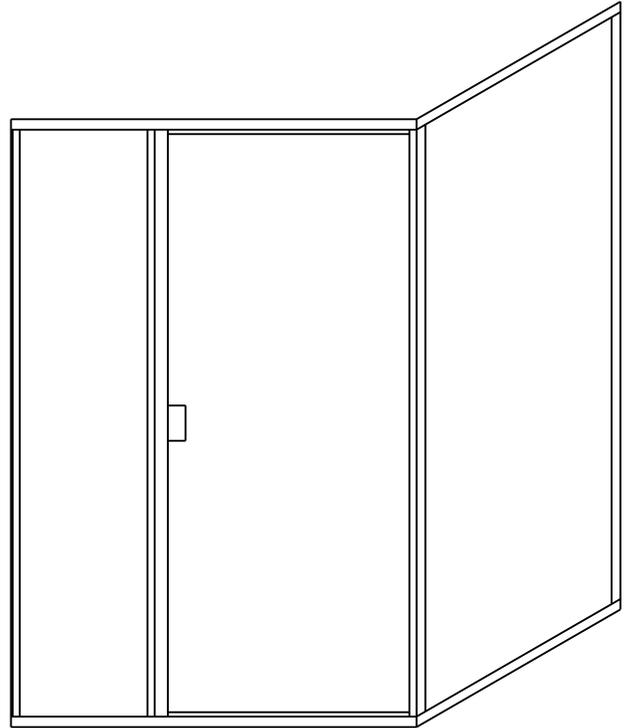
1/4" Door w/ 180° and 90° Panels

## 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



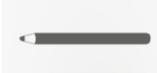
SSD290/DSD290

### 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



P/N MM.5035  
rev061920

# 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.

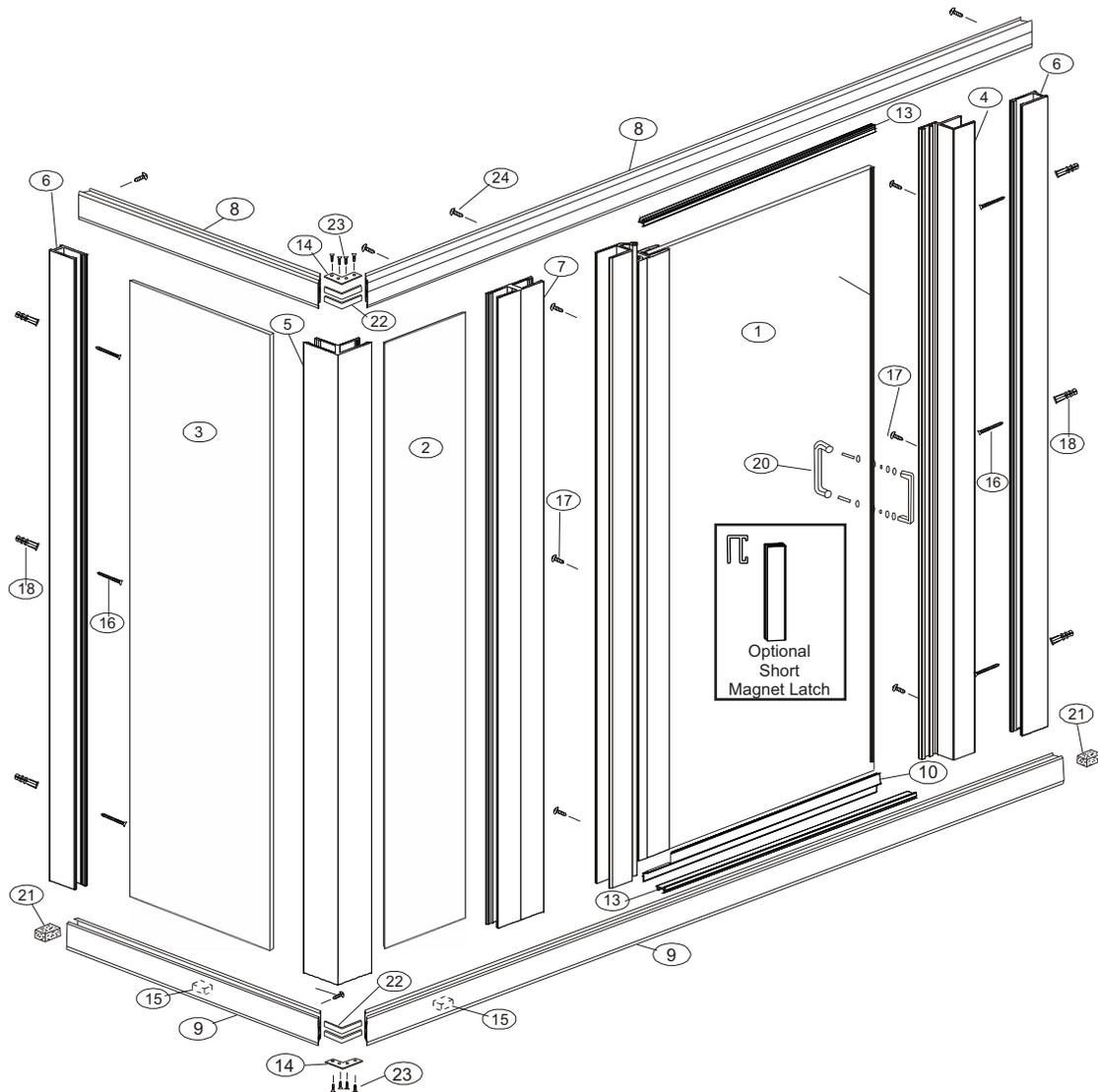
## Owners Manual:

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 180° & 90° RETURN PANELS



CAT#: PART LIST: LENGTH: QTY:

CAT#	PART LIST	LENGTH	QTY
1	DOOR ASSEMBLY		1
2	PANEL A		1
3	PANEL B		1
4	1193 STRIKE JAMB & Mag.		1
5	1174 90° CORNER POST		1
6	1268 WALL CHANNEL		2
7	1173 180° POST		1
8	1171 STALL HEADERS		2
9	1271 STALL CURB		2
10	4062 1/4" DRIP RAIL		1
11	4025 VS-13 THIN VINYL		8
12	4026 VS-14 THICK VINYL		8
13	1072 CURB FILLER		2

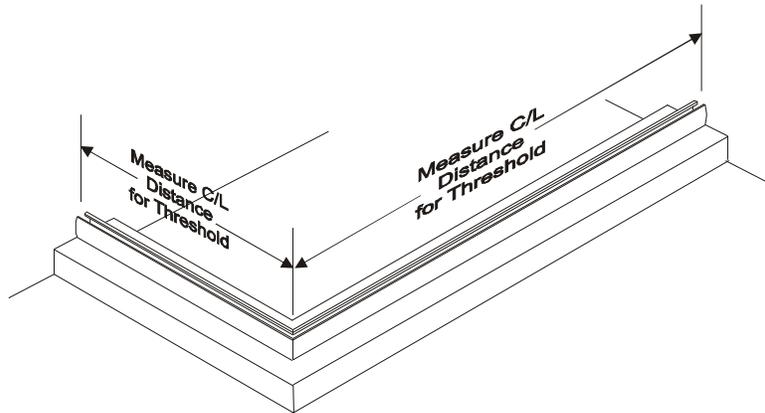
HARDWARE PACK: QTY:

HARDWARE	DESCRIPTION	QTY
14	2016 90° PLATE	2
15	2203 SETTING BLOCKS	4
16	2101 #8X1-1/2" FHPHSMS	6
17	2110 #8X1/2" PPH TEK	6
18	2217 WALL ANCHORS	6
19	4102 ADHESIVE MAGNET	1
20	6" HANDLE TO HANDLE	1
21	4100 MAGNET	1
22	2015 90° CLIP	4
23	2103 #6X3/8" FHPHSMS	8
24	2102 #6X3/8" PPHSMS	6

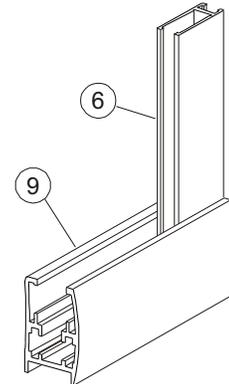
## TOOLS REQUIRED FOR PIPJ14 REV INSTALLATION

1. Caulking gun & approved silicone sealant
2. Rubber Mallet
3. Hacksaw
4. Phillips Screwdriver
5. Mill file to smooth cut edges or radius
6. 3/16" drill bit for plastic anchors
7. 3/16" carbide drill bit for tile
8. C-clamp or strong spring clamp
9. Drill & 1/8" Drill Bit
10. Level

1. The curb sections may have already been cut to size at the factory. If not, measure the centerline distance of the door and return panel on the threshold and add 1/2" to each measurement. Measure from the longest point of the miter and cut the square end of the curb. Assemble curb sections with two curb clips and 90° plate. Making sure that the corners are tight, mark the holes in the plate onto the curb, drill with 1/8" bit and secure with #6x3/8" flat head screws. Position curb sections onto the base. Seal the mitered corner with sealant and readjust alignment if necessary. Insert a setting block into the curb where the glass panels will set, glass should never set on the metal curb.

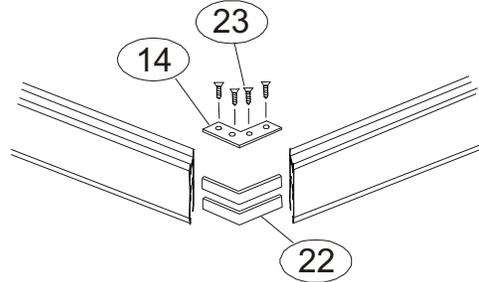


2. Place the wall channel into the curb, against the wall and plumb with a level. Mark the mounting holes and remove the channel. Drill a 3/16" hole and insert the wall anchors. Secure the channel to the wall with a #8x1-1/2" screw and repeat for the other wall.



3. Insert the glass panel for the return into the wall channel and the curb, making sure that it is on setting blocks. If patterned glass or frosted glass is used, make sure that the rough side faces out. Insert the corner post over the edge of the glass and into the curb. Hold the corner post and glass in place temporarily with the thin vinyl on each side of the glass into the channels at the top. Do not cut the vinyl at this time.

4. Using a level, plumb the corner post from each side. Measure from the outside of the corner post to the wall in each direction. Add 1/4" to each dimension. Cut the appropriate header for each direction measuring from the longest point and cutting from the square end. Assemble with 2 header clips and 1 header plate. Making sure that the miters are tight mark the holes in the plate onto the top of the header. Drill the holes with a 1/8" drill bit. Secure the plate onto the headers with 4 #6x3/8" flat head screws.

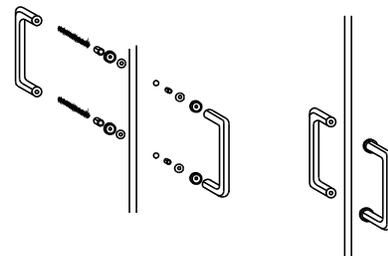


5. Set the front panel glass into the curb and corner post, making sure that it sets on setting blocks. Adjust the glass by measuring the door and subtracting 3/4". Mark this measurement onto the curb, measuring from the wall on the door side. Place the 180° post (#7) over the edge of the glass and into the curb. Adjust the leading edge of the post to the mark on the sill. Temporarily hold the glass and 180° post in place by inserting thin vinyl as in step #3, do not cut the vinyl at this time. Set headers into position on top of the posts. Check that the 180° post is still on the mark, then tap the top of the post into a plumb position, checking with a level. Also make sure that the header is level. From the inside of the shower drill through the header into the top of the vertical jambs with a 1/8" drill bit. The glass panel should be tilted out of the way during the drilling process. Secure the header to the verticals with 4 #6x3/8" pan head screws. Secure the bottom of the corner post and the 180° post in the same manner. It is not necessary to secure the wall channels at the bottom.

6. Center the return panel glass between the wall channel and the corner post, and insert the thin vinyl between the glass and vertical metal channels on both sides. Insert the thick vinyl between the glass and the header and between the glass and the curb, inside and out. Repeat for the other panel.

7. Place the strike jamb (#4) over the vertical post of your choice, do not secure at this time. Orient the door so that it can open outwards and slide it over the remaining post. Adjust the door and strike so that they are equally off of their respective posts. Adjust the hinge jamb so that the top of the door is parallel with the bottom of the header. From the inside of the shower, drill the top hole through the hinge jamb into the vertical post with a 1/8" drill bit. Secure the jamb with a #6x3/8" pan head screw. Recheck door alignment and repeat the procedure for the middle and bottom screws.

Assemble the handle through the holes in the glass with the bushings and shims provided.

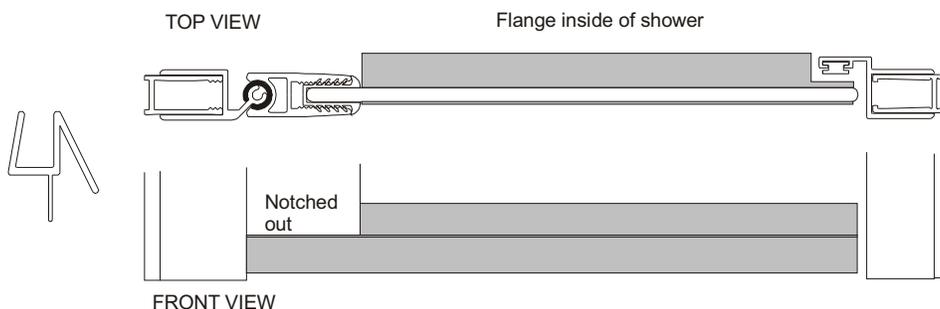


8. Clean the door glass on the inside with a good quality glass cleanser, the adhesion of the magnet will depend on how clean the glass is. Measure the door glass from the top to the bottom and cut the magnet to fit, making sure to have square cuts on the ends. Peel the backing off of the magnet and apply to the glass on the inside of the door, making sure to keep the magnet straight and even along the edge. The adhesive will attain maximum strength in 72 hours, but the door may be used during this time.

9. Adjust the strike jamb to the door assembly. Center the magnets on each other. If the magnets repel each other, remove the strike jamb, and slide the magnet out, turn end for end and insert back into the jamb. Replace the jamb and adjust to work with the magnet on the door. Once adjusted correctly, from the inside of the shower, drill the top hole into the strike jamb and vertical post with a 1/8" drill bit. Secure the jamb with a #6x3/8" pan head screw. Recheck alignment and repeat the procedure for the middle and bottom screws.

10. With the door in closed position, measure between the hinge jamb and strike jamb at the top of the stall curb. Cut one curb filler (#13) to this length. Snap the filler into place in the curb with the vertical water dam to the outside of the shower. Seal each end with sealant. Repeat this step for the header filler. The top filler does not require sealant.

11. 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 dripshield goes on the inside of the shower. If necessary notch the portion of the dripshield so that it will fit under the hinge rail. Test fit and make sure that the dripshield does not interfere with the magnet. Place a few drops of silicone inside of the channel of the dripshield and press upwards onto the bottom of the door.



12. 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.