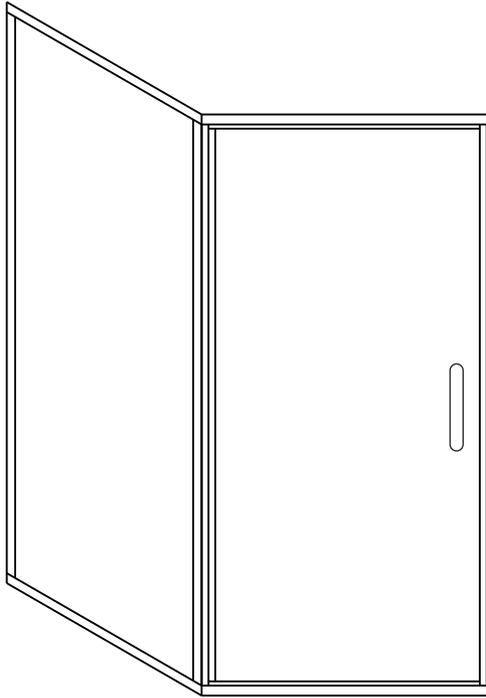


Installation Instructions for SSD90 or DSD90

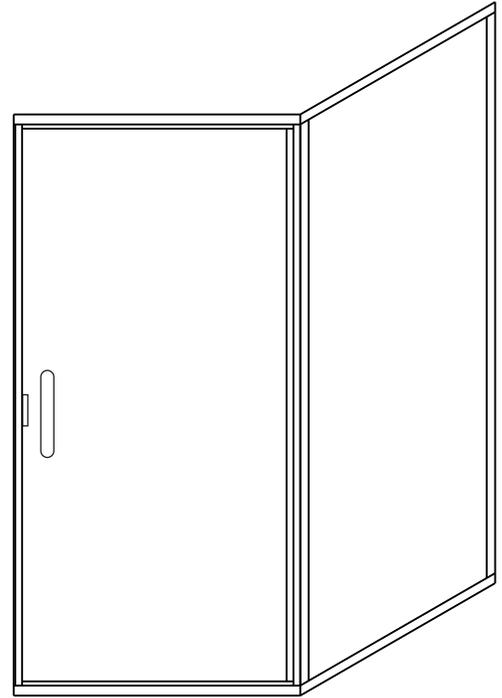
1/4" Door w/ 90° Panel

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.



SSD90



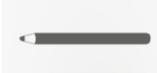
DSD90

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



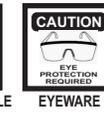
P/N MM.5034
rev080520

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.

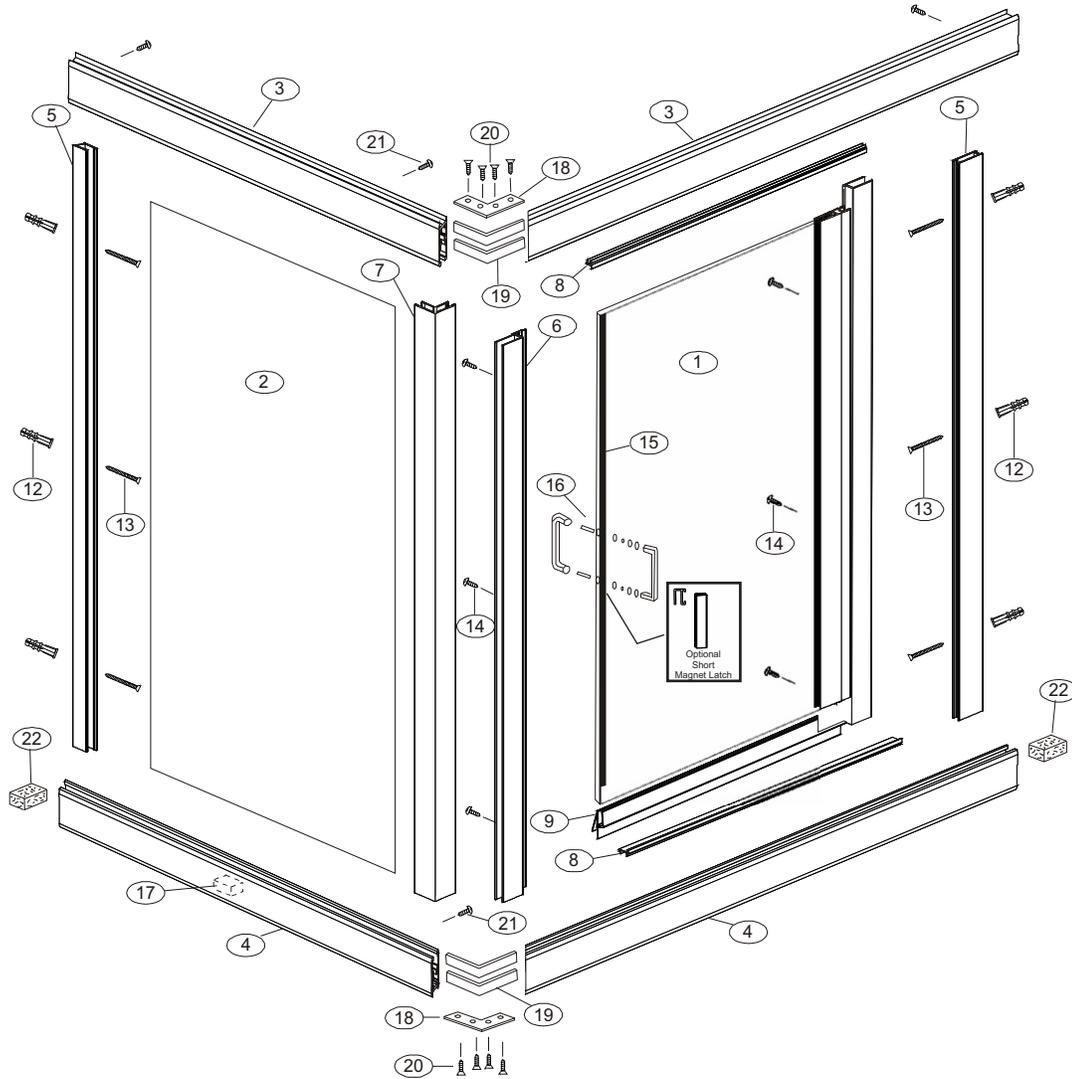
Owners Manual:

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 90° RETURN PANEL

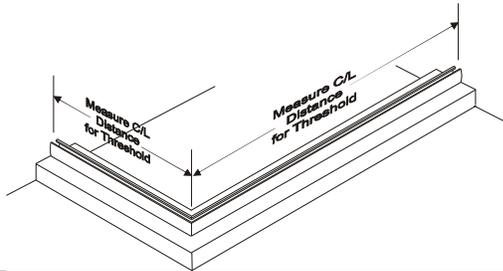


PLEASE READ ALL INSTRUCTIONS
BEFORE STARTING INSTALLATION

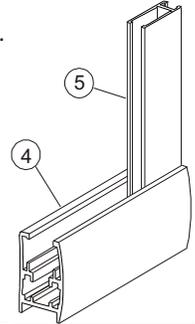
Part #	Parts	Hardware Pack	Qty.
	1. Door		1
	2. Panel Glass		1
	3. Stall Header		2
	4. Stall Curb		2
	5. Wall Channel		2
	6. Strike Jamb		1
	7. Corner Post		1
	8. Curb Filler		2
	9. Vinyl Sweep		1
	10. Thin Glazing Vinyl		4
	11. Thick Glazing Vinyl		4
1171		12. 2217 Wall Anchors	6
1271		13. 2101 #8x1-1/2" FHPHSMS	6
1268		14. 2110 #8X1/2" PHPH TEK	6
1193		15. 4102 ADHESIVE MAGNET	1
1174		16. 6" Handle to Handle	1
1072		17. Setting Blocks	2
4062		18. 2016 90° HEADER PLATE	2
4025 VS-13		19. 2015 HEADER CLIP	4
4026 VS-14		20. 2103 #6X3/8" FHPHSMS	8
		21. 2102 #6X3/8" PHPHMS	6
		22. 2204 FOAM CURB PLUGS	2

INSTALLATION INSTRUCTIONS:

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.

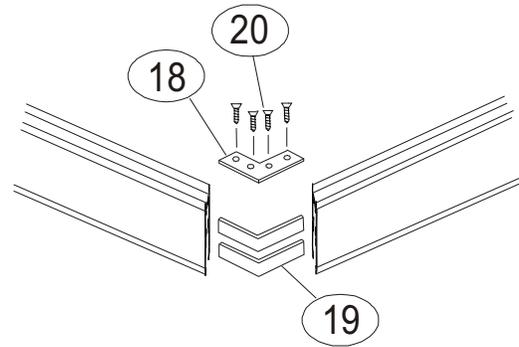


2 Place the assembled curb on the centerline of the threshold. Place wall jambs into the curb, against the wall and plumb with a level. Mark through the holes provided for anchoring. Drill 3/16" holes and insert anchors for masonry applications or drill 1/8" holes for fiberglass or acrylic. Secure jambs with #8x1-1/2" screws. Use carbide bit when drilling into tile.



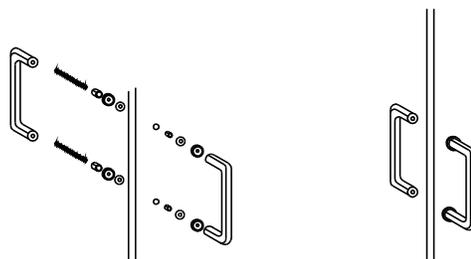
3 Insert the glass panel into the wall channel and curb, making sure that it rests on setting blocks. If the glass is textured make sure the correct side faces out. Insert the corner post over the glass and into the curb. Hold the glass and corner post in place with vertical vinyl in the top 1 to 2" of the channels. Do not cut the vinyl at this time. Use a level to plumb the corner post in both directions.

4 Measure from the outside of the corner post to the wall in both directions. Add 1/4" to each measurement. Always measure from the longest point. Cut each section to size from the square end. Assemble with 2 corner clips(19) and a header plate(18). With miters tight, mark holes in the plate onto header, drill with 1/8" drill bit and assemble with 4-#6x3/8" flat head screws.



5 Set header into place over the top of the vertical posts. From the inside drill 1/8" holes through the header into the vertical posts. Make sure the glass is out of the way when drilling. Secure the header with 3-#6x3/8" pan head screws. Secure the bottom of the corner post in the same way. Center the glass between the channels, and glaze with the vertical vinyl first, in the wall channel and corner post inside and out. Glaze the top and bottom with the thicker vinyl.

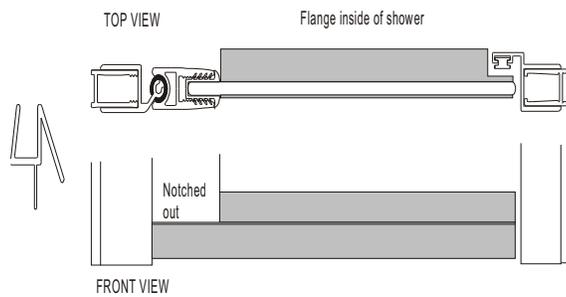
6 Set the latch jamb into place over the corner post or the wall jamb, but do not secure at this time. Position the door to open outward onto the remaining jamb. Adjust the hinge jamb and the strike jamb to work correctly and to be equal in position over their respective jambs. If necessary adjust the hinge jamb so that the reveal between the header and the top of the door is even. From the inside drill the top hole in the hinge jamb with a 1/8" drill bit. Secure with a #6x3/8" pan head screw(21). Recheck door alignment and drill and secure the middle and bottom screws in the hinge jamb. Install the handle onto the door using the bushings and shims provided.



7 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 top to 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. Adjust the strike jamb to line up with the magnet on the door. If the magnets repel each other, remove the strike jamb and pull the magnet out and turn end for end and re-insert it into the strike. When the magnets are lined up correctly, drill a hole in the top of the strike jamb and vertical post with a 1/8" drill bit. Secure the jambs with a #6x3/8" pan head screw. Recheck alignment and repeat drilling and securing process.

8 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.

9 To install the drip rail at the bottom of the door, measure the glass from the strike to the hinge jamb on the inside of the shower. The slanted portion of the dripshield goes on the inside of the door. If necessary notch the dripshield to fit under the hinge rail. Test fit to make sure that the drip rail does not interfere with the magnet, Place a few drops of silicone in the channel of the drip rail and push it up onto the bottom of the glass.



10 Run a continuous bead of silicone around the outside of the unit where the metal meets the walls and threshold.

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