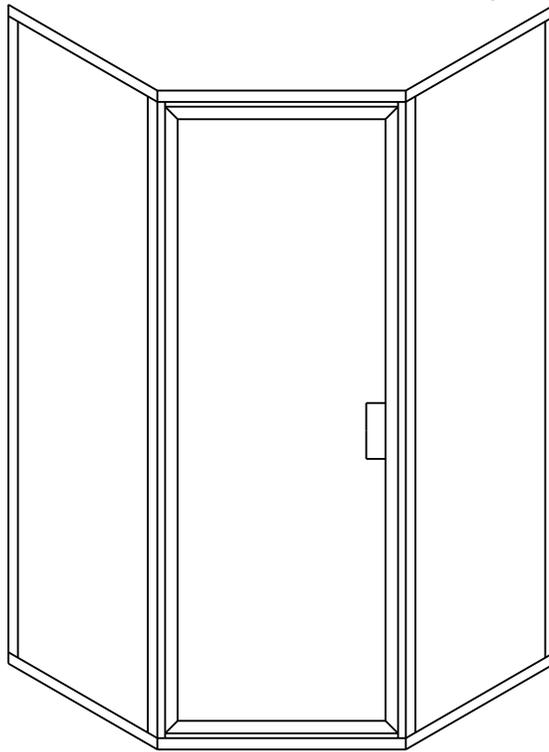


Installation Instructions for **BSDNEO** 3/16" Framed Door w/ 2 - 135° Panels

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.



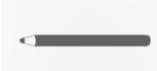
BSDNEO

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" drill bits (carbide for tile)



* Caulking gun



* Drill, electric or battery



* 4 ft. Level



* Rubber mallet



* Razor knife



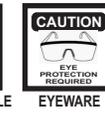
P/N MM.5036
rev080520

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.

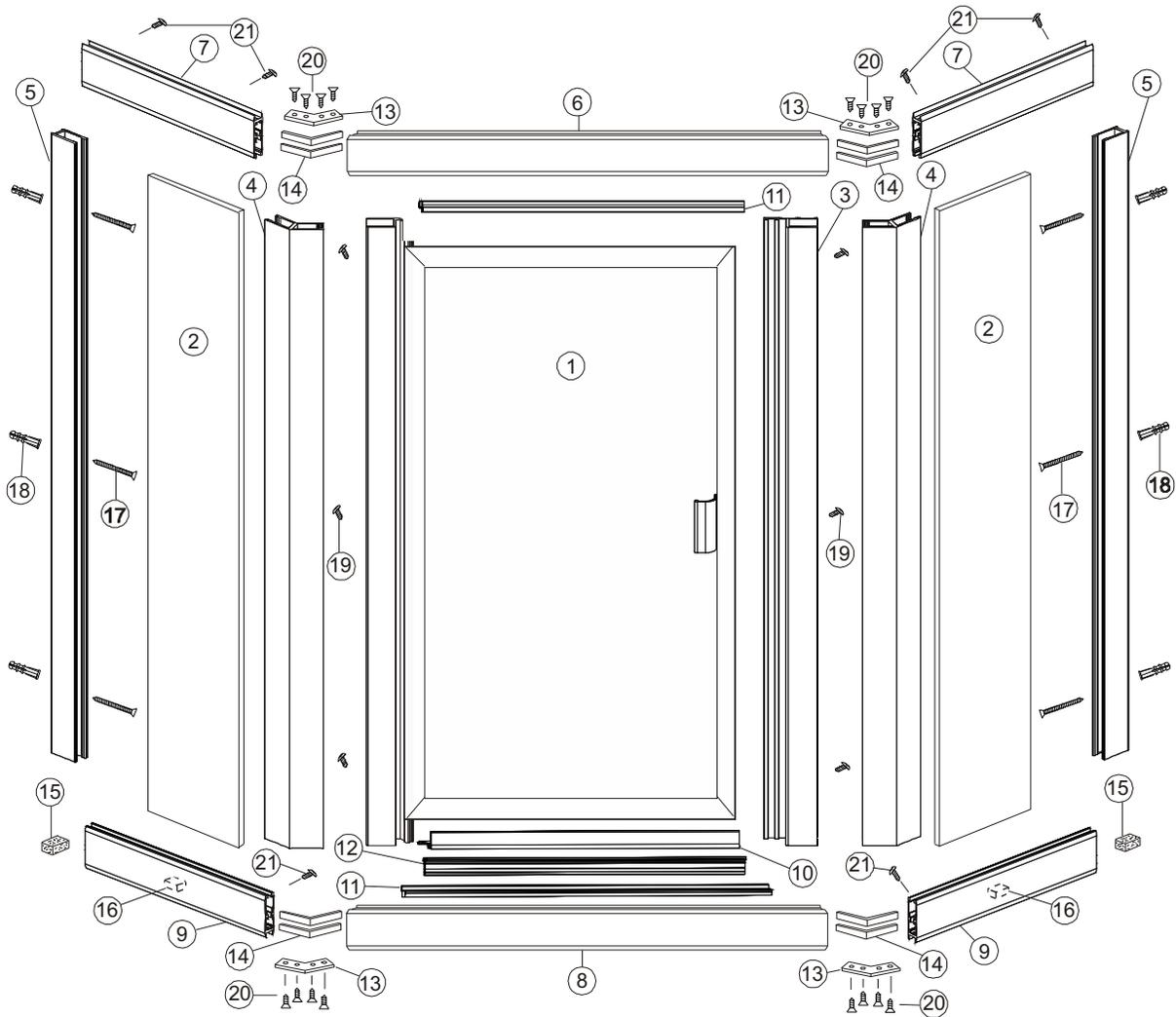
Owners Manual:

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

3/16" FRAMED NEO-ANGLE CORNER SHOWER ENCLOSURE

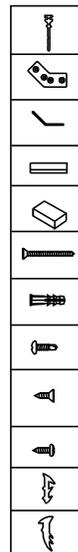
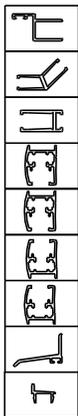


HARDWARE PACK: QTY:

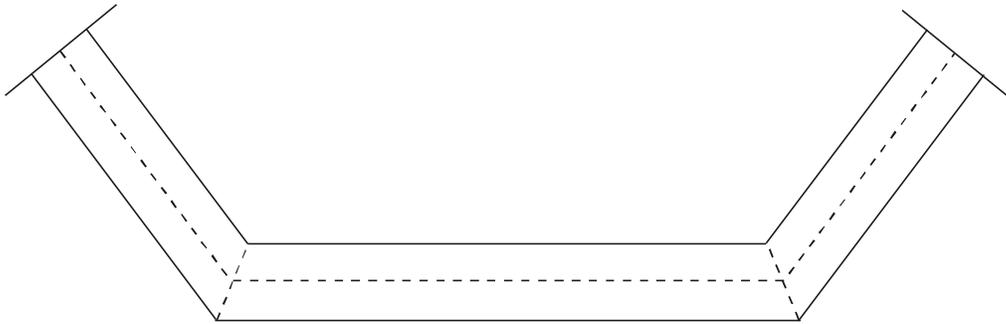
CAT#: PART LIST: LENGTH: QTY:

①	DOOR ASSEMBLY		1
②	PANELS		2
③	1193 STRIKE JAMB & Mag.		1
④	1175 135° CORNER POST		1
⑤	1268 WALL CHANNEL		2
⑥	1171 DOOR STALL HEADER		1
⑦	1171 PANEL STALL HEADER		2
⑧	1171 DOOR STALL CURB		1
⑨	1271 PANEL STALL CURB		2
⑩	1097 DRIP RAIL		1
⑪	1072 CURB FILLER		2

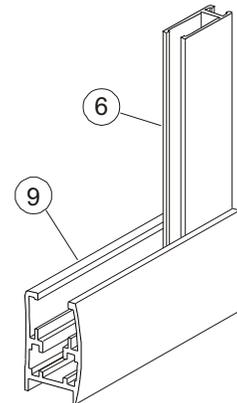
⑫	4018 VW-2 VINYL SWEEP	1
⑬	2018 HEADER PLATE	4
⑭	2017 HEADER CLIP	8
⑮	2204 FOAM PLUG	2
⑯	2203 SETTING BLOCKS	4
⑰	2101 #8X1-1/2" FHPHMS	6
⑱	2217 WALL ANCHORS	6
⑲	2110 #8X1/2" PPHP TEK	6
⑳	2103 #6X3/8" FHPHMS	16
㉑	2102 #6X3/8" PPHPMS	6
㉒	425 VS-13 THIN VINYL	8
㉓	426 VS-14 THICK VINYL	8



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 panels on the threshold and add $\frac{3}{16}$ " to each measurement. Measure from the longest point of the miter and cut the square end of the curb. On the door section add $\frac{3}{8}$ " and you must duplicate the factory miter at the other end. Insert one foam plug into each square cut end of the return section. Recess about $\frac{1}{8}$ " and fill recess with sealant. Assemble curb sections with two curb clips and a header plate. With the corners tight, mark the holes in the plate onto the curb, drill with a $\frac{1}{8}$ " bit and secure the plate to the header with #6x $\frac{3}{8}$ " flat head screws. Position curb sections onto the base. Seal the mitered corners 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.

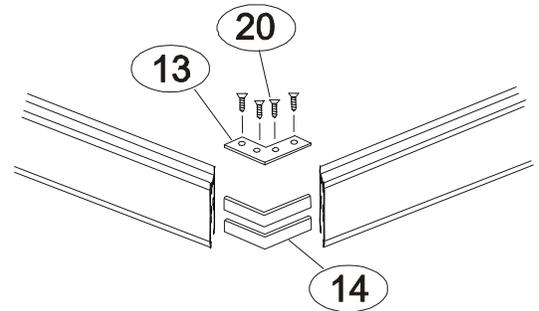


2. Place the wall channel into the curb, against the wall and plumb with a level. Mark the mounting holes and remove the channel. Drill a $\frac{3}{16}$ " hole and insert the wall anchors. Use a carbide bit for tile or masonry applications. Secure the channel to the wall with a #8x1- $\frac{1}{2}$ " flat head screw and repeat for the other wall.



3. Insert the correct 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 both of the channels at the top. Do not cut the vinyl at this time. Repeat this procedure for the second panel.

4. Using a level, plumb each of the 135° corner posts. Measure from the outside of the corner post to the wall in each direction. Add 1/16" to each dimension. Cut the appropriate header for each return panel measuring from the longest point and cutting from the square end. Measure from the outside of each corner post for the door header, and add 1/8" to that dimension. Cut the door header to that dimension and duplicate the factory miter on the other end. Assemble the header sections 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 headers in place over the top of the vertical posts. From the inside of the shower, attach the headers by drilling through the headers into the verticals with a 1/8" drill bit. Secure with #6x3/8" pan head screws. Make sure to avoid the glass panels while drilling. The bottom of the 135° posts should be secured in the same manner.

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 (#3) 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 #8x1/2" pan head TEK screw. Recheck door alignment and repeat the procedure for the middle and bottom screws.

8. 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 #8x1/2" pan head TEK screw. Recheck alignment and repeat the procedure for the middle and bottom screws.

9. To install the drip rail at the bottom of the door, measure the frame only, that surrounds the glass. Add 3/8" and cut the drip rail to this size. Radius the end of the drip rail to be similar to the factory end. Install the bottom sweep vinyl into the bottom of the drip rail, and trim with 1/4" extending out of each end of the drip rail. Notch the thick part of the drip vinyl where it meets the strike jamb. Peel the backing off of the drip rail. From the inside of the shower, close the door and install the drip rail so that the vinyl sweep is 1/16" above the dam strip.

10. Measure the width of the door at the bottom and add 1/2" to to this dimension. You will need a notch at the hinge jamb side, so don't cut it off. Cut to length off the strike jamb side. you need to radius both ends of the finished bottom rail. use Scissors, cutter, or file. Peel off the backing and from the inside of the shower, with the door closed, apply the bottom rail at the bottom of the door. the sweep should be 1/16" above the 1019 dam strip if used, just barely touching the threshold with no dam strip.

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

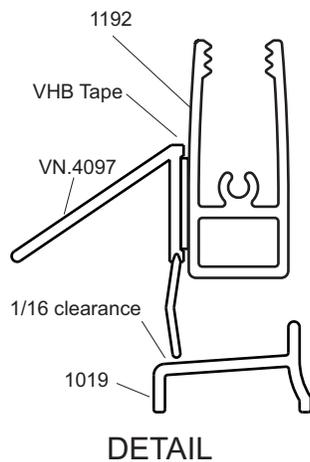


ILLUSTRATION #3

