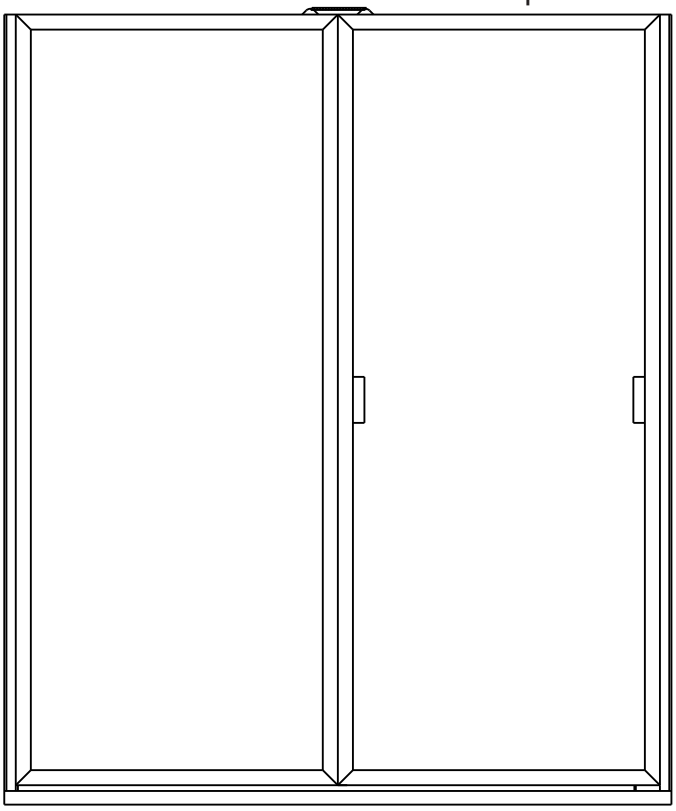
Installation Instructions for
BSBD / FSBD
3/16” Bifold swing door

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.



BSBD / FSBD

NOTE:

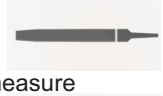
- Installation procedures are the same for tub or shower height units
- The images in this manual show an arrangement with the showerhead to the left. The same instructions apply for the opposite orientation where the examples would be reversed.

Required Tools

* Pencil or water soluble felt pen

* Hacksaw with 24 tooth blade

* Metal file (smooth sharp edges)



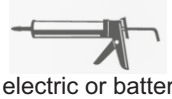
* Tape measure

* Clear 100% Silicone (recommended)

* #2 Phillips Screw driver

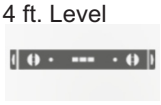
* 1/8”, 3/16”, 1/4”, 3/8” drill bits (carbide for tile)

* Caulking gun



* Drill, electric or battery

* 4 ft. Level



* Rubber mallet

* Razor knife

Building Partners through Glass
HARTUNG GLASS INDUSTRIES

P/N MM.5052
rev061920

This installation sheet is a required component of HA.3214

READ ENTIRE MANUAL BEFORE INSTALLATION AND OPERATION

Warnings and General Shower Door Information

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:

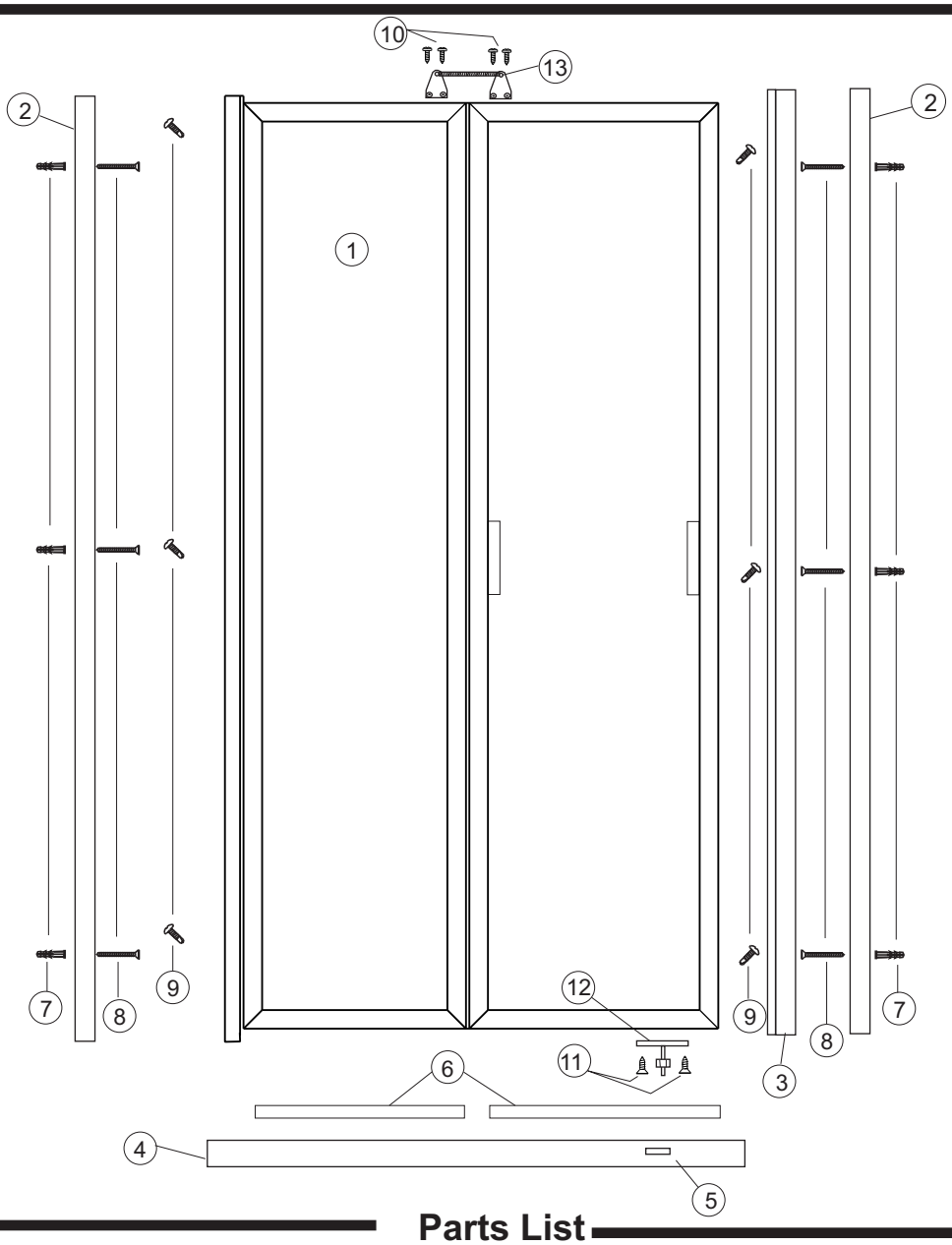
1-800-843-3332

Installation Instructions
Models: BSBD or FSBD
3/16" Framed Bi-Fold Door

Building Partners through Glass
HARTUNG GLASS INDUSTRIES

P/N MM.5052 (061920)

This document is a component of: BP.3501.XXX - B,F Bi-Fold Installation Bag



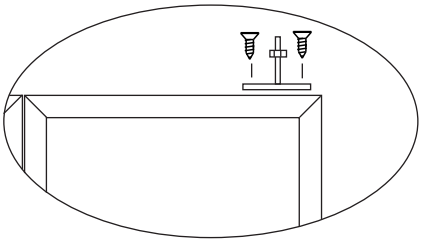
Parts List

CAT#:	PART LIST	QTY.:
1.	Door assembly	1
2.	1268 Wall channel	2
3.	1193 Latch jamb w/ magnet	1
4.	1271 Curb	1
5.	2263 White nylon slide	1
6.	4197 Bottom Sweep	2

PART LIST:	QTY.:
7. 2217 Wall anchors	6
8. 2101 #8 X 1 ½ FH screws	6
9. 2110 #8 X ½ PH screws	6
10. 2102 #6 X 3/8 PH screws	8
11. #6 X ½ FH screws	2
12. 2264 Bottom Guide & nut	1
13. 2530 Spring clip assembly	1

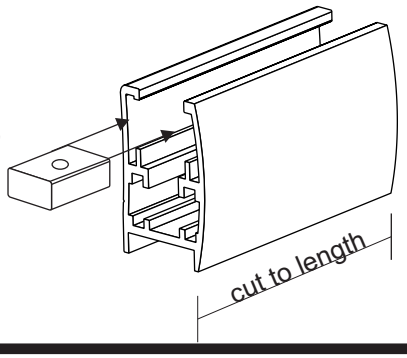
STEP 1 - Install Bifold Slider Guide:

- Set the door assembly #1 on it's end, bottom end up.
- Align the bottom pin assembly #11 with the holes in the rail. Secure with 2 - #6 X ½ FH screws.#9



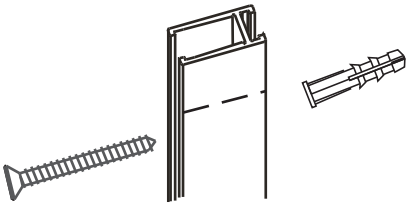
STEP 2 - Cut Curb to Length:
Measure wall to wall at the threshold. Subtract 1/16" and cut the Curb #4 to length.

STEP 3 - Insert the white nylon slide #5 into the end of the curb assembly #4 in the upper half of the curb as shown.

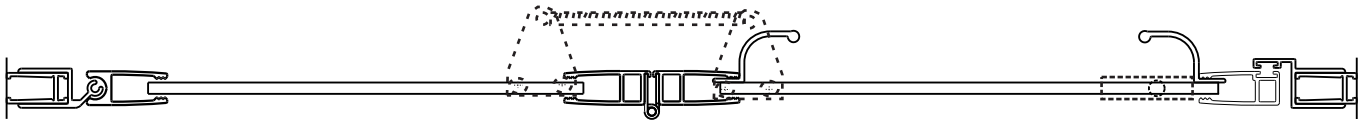


STEP 4 - Set the curb in place on the threshold and align it so that It is straight across the opening.

- Use Blue Painter's tape to temporarily hold the curb in place.
- Insert one Wall Channel #1 into one end of the curb and against the wall.
- Use a level to plumb the channel and mark the 3 installation holes on the wall. Using a 3/16" drill bit, drill all three holes.
- Insert 3 wall anchors and secure with three #8 X 1-1/2 FHPHSMS #7. Repeat this procedure for the opposite wall. it is critical that both channels are plumb.
- Slide the latch jamb #3 over the appropriate wall channel but do not secure at this time.



Inside Shower

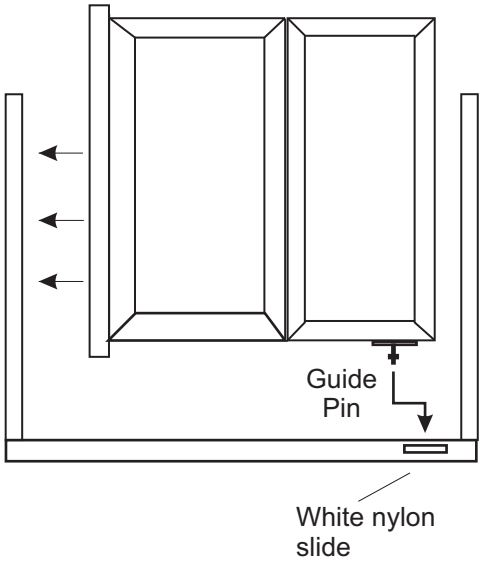


Outside Shower

For installation and technical support please reference the shipping document, the box that the product was shipped in or call the retail location that you purchased the product from.

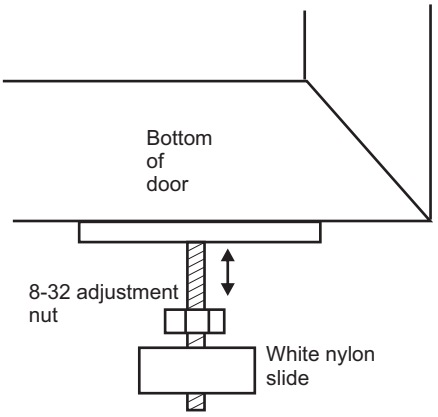
STEP 5 - **Two people may be necessary** for this step.

- **Please Note:** This unit is designed to fold inward for proper operation.
- Move the White Nylon Slide to the center of the curb. Take the door assembly with the guide pin at the bottom of the door into the hole in the white nylon slide at the same time slide the door assembly over the appropriate wall channel.
- Once this is done, place a level across the top of the door and adjust the hinge jamb until the door is level. Secure door assembly with 3 - #8 X ½ TEK screws starting with the top.



STEP 6 - **To adjust the slide**,

- Carefully open or close the door assembly. if it begins to contact the curb, stop immediately. Insert a stick or something similar between the top of the curb and the bottom of the door close to the guide pin.
- Gently pry the door assembly up to just take the weight off the Nylon slide. With a 5/16" wrench, Adjust the nut clockwise, then let the weight of the door down.
- Open or close again. Do this until the door does not scrape on the curb.
- Conversely if the door binds when trying to open the door all the way, adjust the nut counterclockwise. Secure the nut with a dab of silicone or thread locker.

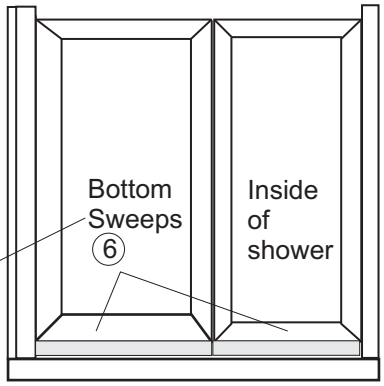


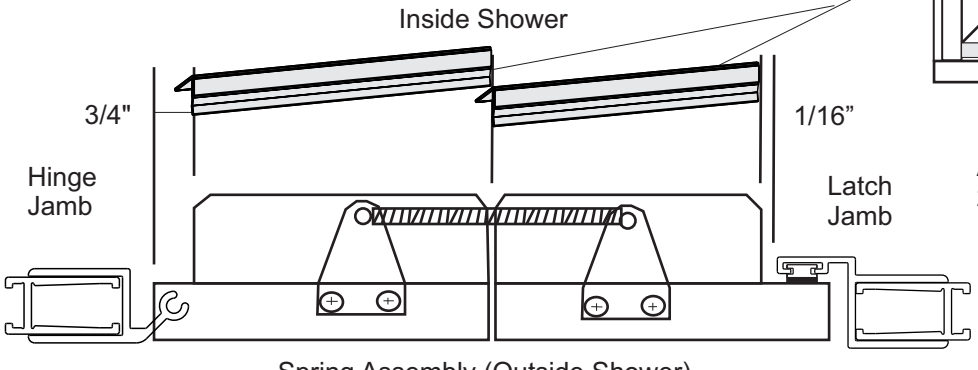
STEP 7 - **Door Adjustment:** Move the door to the closed position.

- If the magnets repel each other, remove the magnet from the latch jamb and
turn it end for end.
- Adjust the latch jamb to the door assembly until good contact between the magnets is achieved.
- Secure latch jamb with 3 - #8 X ½ TEK screws. Attach the spring assembly by lining up the holes at the top of the door and secure with 4 - #6 X 3/8 Pan Head screws.
- The spring is used to help the door stay open or close, but will not open or close the door on it's own. It is recommend filing any sharp corners that may cause injuries.

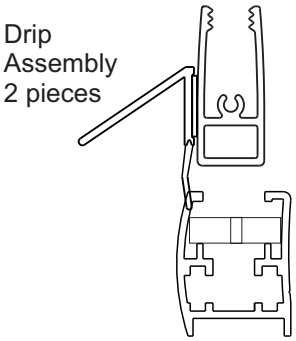
STEP 8 - **Drip Deflector/Sweep:**

- Standing inside the shower with the door closed measure the bottom rail as shown below then cut the two pieces to size.
- Peel off the backing and align on the inside of the bottom rail. Make sure they both butt together at the middle so a gap is not created.





Spring Assembly (Outside Shower)



STEP 9 - **Finish installation** by running a bead of silicone on the outside of the shower door where the channels meet the wall and threshold.