



Glass Warehouse

# Return Shower Installation Guide

(Hinge Panel Style)

## BEFORE YOU START

The most fragile parts of tempered glass panels are the corners. Therefore, it is critical you have the rubber blocks in place so the glass never touches the tile surface you are installing onto. Please make sure the glass is always on blocks while out of the packaging prior/during install. We have provided some rubber blocks as part of the install kit but you can use wood, cardboard or other rubber products to protect against breakage.

Silicon is not provided as part of the install kit, this will need to be purchased separately. We recommend using clear, mold resistant silicon which be purchased at your local hardware store.

Glass Warehouse is here to assist you, so if you run into any troubles or have any queries don't hesitate to call us on: (214) 932-9116.

## PART ONE – Install Fixed Return Panel

1. On the wall where the fixed panel is to be placed, mark a level vertical line on the wall with a spirit level.
  - a. This line is where you will be attaching the 2 clamps to the wall.
    - i. **TIP:** We recommend using a pencil so this can be easily removed.
    - ii. **IMPORTANT:**
      1. The edge of this panel must line up with the front line of the glass (parts 2&3). The thickness of this glass is included in the front opening width.
      2. To get the center line of the return panel measure out from the hinge panel wall the widths of the following; hinge panel + door panel + 5/8. This takes you to the "center" of the return panel glass, not the edge. This is your center line for the clamps.
2. Mark the center point for the two clamps.
  - a. Top: measure 71 ¼ inches from the floor along the vertical line.
  - b. Bottom: measure 7 ¾ inches from the floor along the vertical line.
  - c. The third clip for the floor should be placed 2" - 3" from edge closest to door. Measure the same distance you measured from the wall the hinge panel is fixed too as in step 1 to get your center line for this clip (combined width of front 2 panels + 5/8")
3. Drill the holes for clamps to fixed to the wall and floor
  - a. Using a ¼" drill bit drill the 3 marked holes (2 on wall and 1 on the floor).
  - b. Insert the provided wall / floor plugs, you will need to use a hammer to put these in. Be careful not break tiles.
  - c. Place clamp over holes and drill in screws to secure the clamp. Make sure these are securely tightened.
4. Set the fixed panel in place.
  - a. Place the 1/8" rubber block provided on the ground 1 ½ inches from each edge of the panel closest to wall and place the 1/16" rubber block inside the clamp on the floor to prevent the glass touching tile or clamp on the floor where all the glass weight will be. Rubber blocks are not required in the wall clamps.
  - b. Carefully place the fixed panel on the rubber blocks and slot the glass into the clamps.
    - i. **IMPORTANT:** The most fragile parts of the glass panels are the corners. Therefore, it is critical you have the rubber blocks in place so the glass never touches the tile surface you are installing onto.
5. Ensure the fixed panel is level.
  - a. On the edge that will meet the door panel, use a level to make sure the fixed panel is level and in line.
    - i. **TIP:** Use additional rubber blocks on either existing blocks to raise/drop the fixed panel if required.
    - ii. **IMPORTANT:** This panel is to line up with the front of the shower.

## PART TWO – Install Hinge Panel

1. The front panels are to line up with the front edge of the return panel. Therefore, your front opening from wall to edge of return panel should = width hinge panel + width door panel + 3/8".
2. On the wall where the hinge panel is to be placed, mark a level vertical line on the wall with a level. To get the placement of this line for the clamps, measure the width of the fixed return panel from the corner of shower, then minus 3/16" this will give you the center line of the clamps for both the two clamps for the wall and the one for the floor
  - i. **TIP:** We recommend using a pencil so this can be easily removed.
3. Mark the center point for the two clamps on the wall and floor
  - a. Top wall clamp: measure 71 ¼ inches from the floor along the vertical line.
  - b. Bottom wall clamp: measure 7 ¾ inches from the floor along the vertical line.
  - c. Floor Clamp: measure out width of hinge panel subtract 2" to get the position of floor clamp
4. Drill the holes for the clamps.

- a. Using a ¼" tile drill bit drill the 2 holes on wall and 1 hole on the floor.
  - b. Insert the wall / floor plugs, you will need to hit these in with a hammer. Be careful not to hit and break tile.
  - c. Place clamp over holes and drill in screws to secure the clamp. Make sure these are securely fastened.
5. Set the hinge panel in place.
  - a. Place one 1/8" rubber block provided on the ground 1 ½ inches from edge closest to wall and one 1/16" rubber block provided inside the floor clamp.
  - b. Carefully place the hinge panel on the rubber blocks and slot the glass into the clamps.
    - i. **IMPORTANT:** *The most fragile parts of the glass panels are the corners. Therefore, it is critical you have the rubber blocks in place so the glass never touches the tile surface you are installing onto.*
6. Ensure the hinge panel is level.
  - a. On the edge that will meet the door panel, use a level to make sure the hinge panel is level and in line.
    - i. **TIP:** *Use additional rubber blocks on either existing blocks to raise/drop the hinge panel if required to get level.*
  - b. Once level, tighten the screws on the clamps very tight.

## PART THREE – Install Door Panel

1. Attach the hinges to the hinge panel.
  - a. Ensure you have the hinges placed in the correct direction. The side of the hinge with the solid plate is attached to the hinge panel. The side with the screws of the hinges should be on the inside of the shower enclosure.
  - b. Lightly tighten each screw with the allen keys provided so the hinges are lightly secure only.
    - i. **TIP:** *Center each hinge to the cutout allowing some space to adjust the height of the door panel once installed.*
2. Attach the door handle to the door panel.
  - i. **IMPORTANT:** *Ensure the handle is firmly attached.*
  - ii. **TIP:** *Most DIY-ers won't have professional suction/vacuum equipment to lift the glass, so this is why we recommend attaching the door handle first so when lifting the glass, you have something secure to hold onto.*
3. Take off the backing plates of the hinges on the door side.
4. Set the door panel in place.
  - a. Place some packing blocks on the ground 1 ½ inches from each edge of the panel, these will need to be approx. 3/8" thick.
  - b. Carefully place the door panel on the blocks and make the cutouts line up with the back of the hinges ensuring the tops of both the hinge and door panels are level. Then make the vertical gap between the door to hinge panel and door to wall are even.
    - i. **NOTE:** *The door panel is ¼ inch shorter than the hinge panel to allow for swing.*
  - c. Put the backing plates on hinges and tighten all 4 screws on each hinge, make sure these are very tight so that your door panel won't drop once the packers are taken away.
    - i. *Take the packers out from under the door and lightly swing door to make sure it is not binding anywhere.*
5. Once you are confident with the positioning of the door and the hinges are nicely tight, open it at a 90-degree angle prior to applying silicon.
  - i. **NOTE:** *We recommend this step so there is less pressure on the hinge panel when applying the silicon.*
  - b. Apply the bottom door sweep provided to prevent any water leakage from under the door.

## PART FOUR – Silicone Fixed & Hinge Panels

1. Silicone the wall and floor surface of the fixed and hinge panels.
  - i. **TIP:** *Spraying the silicone with water after applying the silicone and using a spatula of some kind to remove the silicone residue will give you a nice clean and professional finish.*
2. Once you have completed the silicone, its critical you leave the silicone to set for 24 hours. Whilst the silicone is setting please leave the door panel in an open position and try not to open or close for at least 24 hours until the silicone has cured.
  - i. **IMPORTANT:** *Do not swing the door whilst the silicone is setting, it may cause movement of the hinge panel and therefore the silicon.*