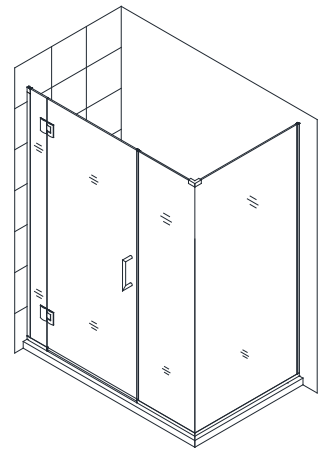
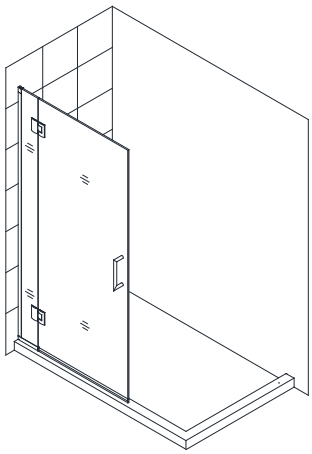
UNIDOOR X (STYLE M3)

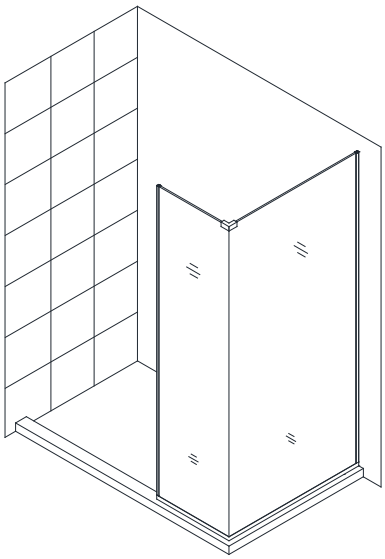
Shower Door & Glass Panel Installation Instructions

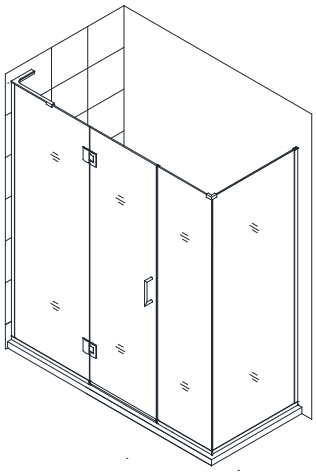
IMPORTANT

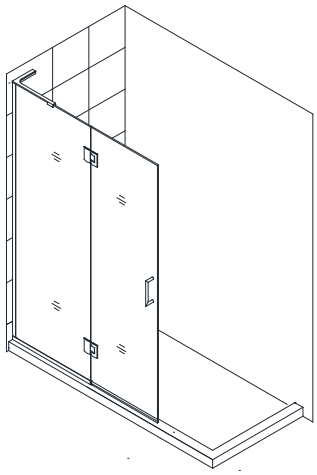
DreamLine® reserves the right to alter, modify or redesign products at any time without prior notice for the purpose of product improvement and customer experience. Please refer to the model's web page on **DreamLine.com** for the latest technical drawings, installation manuals, warranty information or additional product details.











STYLE M3

STEP 1: Install Shower Door

STEP 2: Install Panel

Please review this entire manual prior to installation

Questions?

Please Call ***DreamLine*** *Customer Support:* **1-855-831-2126**

Hours of Operation M-F 8AM - 7PM EST and Saturday 9AM - 5PM EST

Support@DreamLine.com

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UNIDOOR-X Style M

Glass-to-Glass Hinge Shower Door Installation

IMPORTANT

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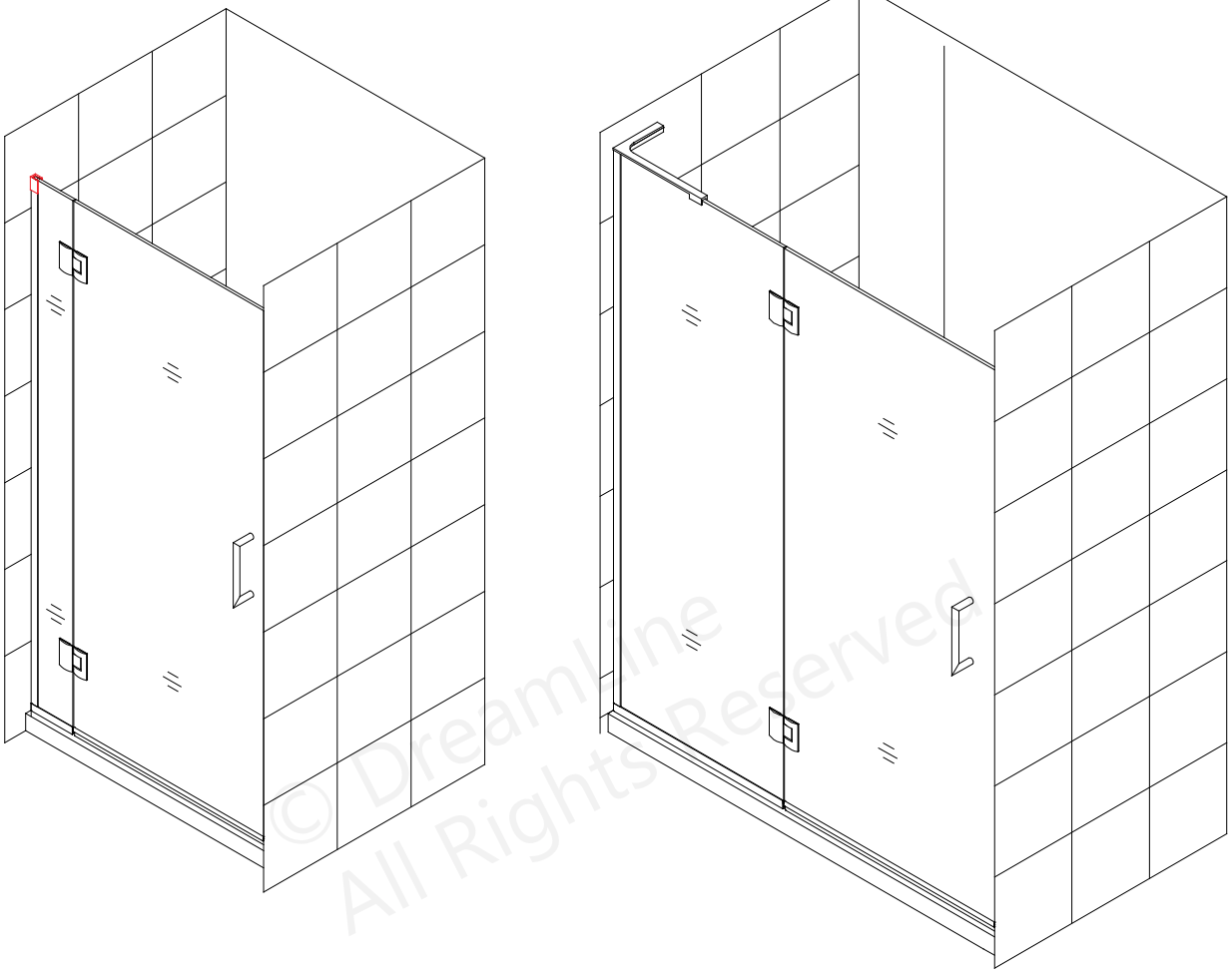

Right Hand Door installation shown

Please review this entire manual prior to installation

Questions?

*Please Call **DreamLine** Customer Support:* **1-855-831-2126**

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DREAMLINE®
dream in style

CLEARMAX™

This model is treated with DreamLine's exclusive ClearMax™ Glass technology. This is a specially-formulated coating that prevents the build up of soap and water spots.

Install the surface with the ClearMax™ label towards the inside of the shower. Please note that depending on the model, the glass may be coated on either one or both surfaces.

For best results, squeegee the glass after each use and dry with a soft cloth.

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Record the following purchase information for your records or in the event you need to contact DreamLine®:

Purchase Order Number _____

Installation Date _____

Installed By: _____

Store/Vendor Purchased From _____

OD Number (optional) _____
*found on the shipping box or label if available.

SKU Number _____

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Table of Contents

Section title	Page #
Important Steps	2
Model Numbers	3
Model Styles and Manuals	4~5
Preparation	6
Tools	7
Parts List & Detailed Diagram of shower door components	8
Installation of 6" Hinge Panel with Hinge Panel Glass Bracket	10~14
Installation of 24" Hinge Panel Glass with L-Bar™	15~21
Hinges and Door Glass installation	22~23
Vinyl Seals	24~25
Adjustable Hinge instructions	27
Product maintenance	28

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NOTE: Unpack your unit carefully and inspect it. Lay it out and identify all parts using the detailed diagram and packing list in your manual as a reference. Before discarding the carton, check for small hardware bags that may have fallen to the bottom of the box. If any parts are damaged or missing, please contact DreamLine® for replacement. The shipping boxes may contain extra parts not used in your model configuration. Retain these installation instructions for future reference.

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This product should be installed by someone familiar with the construction requirements for this type of project and the care necessary for the safe installation and operation of the product.

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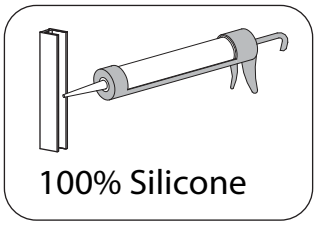
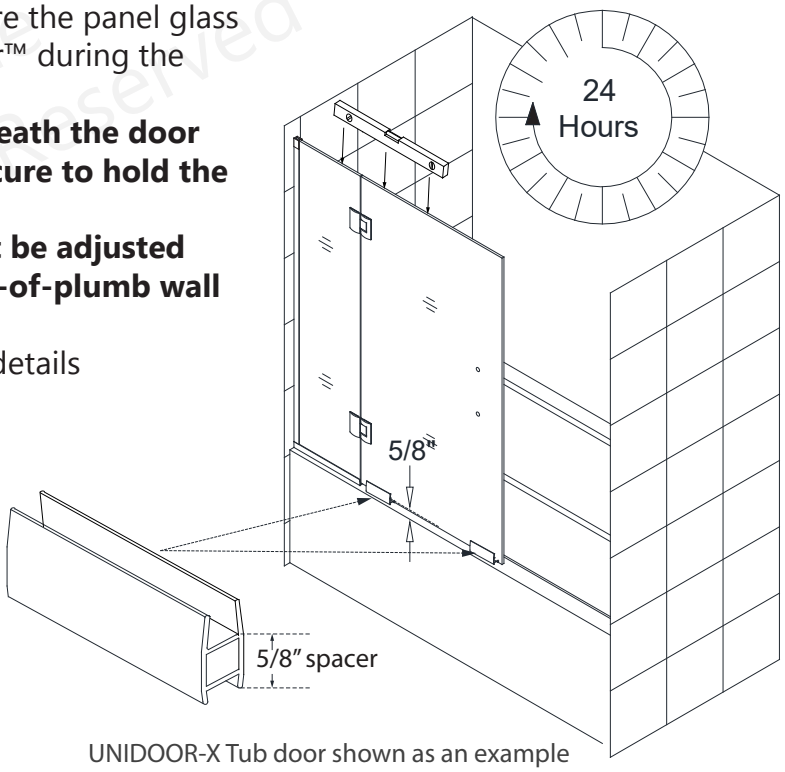
The hinge panel glass must be properly installed and secured to support the weight of the door glass. Failure to follow these steps may result in the hinge panel glass pulling out of the U-Channel.



IMPORTANT STEPS TO FOLLOW:

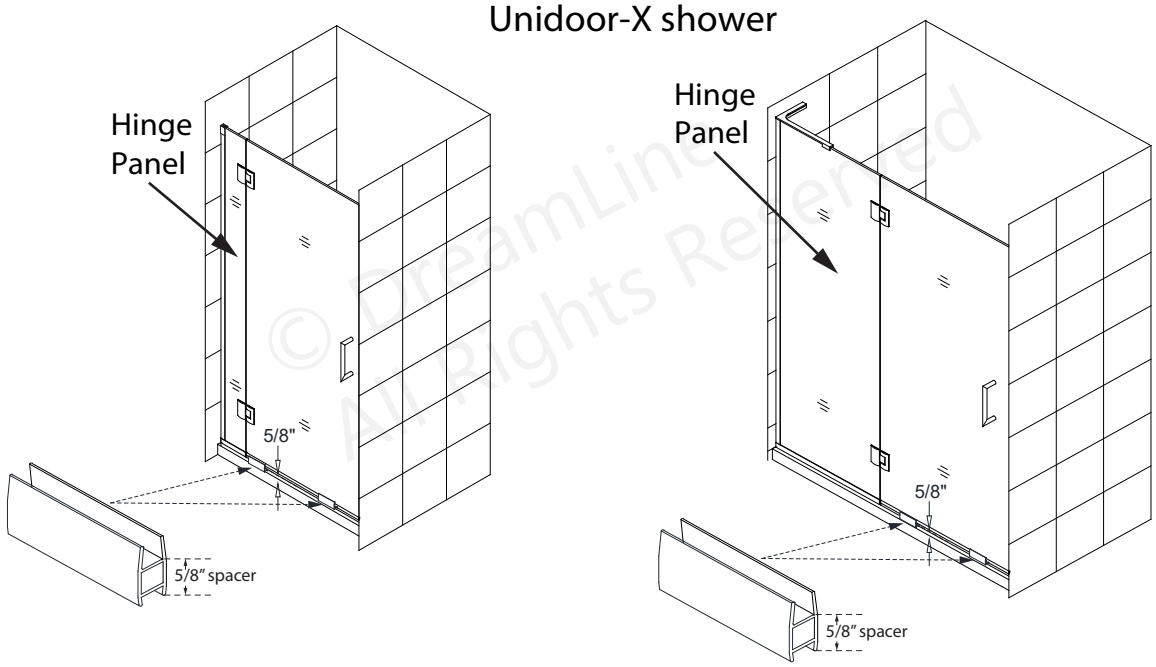
- ☐ Use 100% silicone caulk - a quick-drying or fast-curing silicone is recommended for the installation of hinge panel glass into the u-channels
- ☐ Apply enough silicone into the u-channels to secure the panel glass
- ☐ Fully tighten the hinge panel glass bracket or L-Bar™ during the installation of hinge panel glass
- ☐ **DO NOT remove the spacers or shims from beneath the door glass for 24 hours to allow the silicone to fully cure to hold the hinge panel glass securely in the u-channels**
- ☐ **The hinge panel glass for this model should not be adjusted more than 1/4" within the u-channel for an out-of-plumb wall condition**
- ☐ Refer to the product installation manual for more details

Leave the spacers or shims in place beneath the door glass for at least 24 hours after installation.



UNIDOOR-X Tub door shown as an example

Unidoor-X shower



NOTE: Leave spacers or shims in place beneath the door glass for 24 hours. If time allows, delay installing the door glass onto the hinge panel glass for 24 hours until the silicone securing the hinge panel glass has fully cured.

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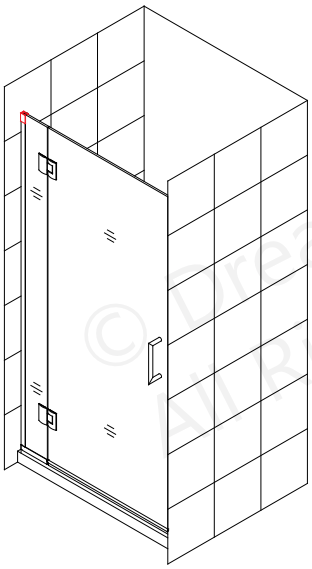
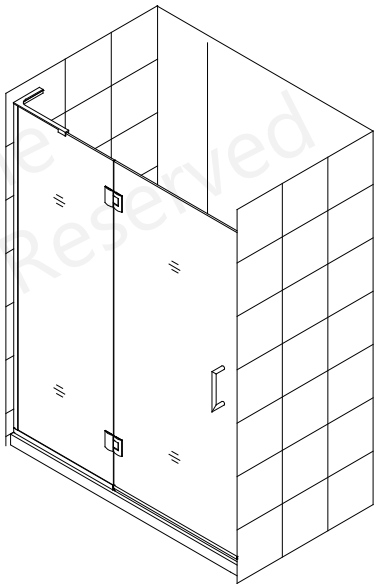
Model Numbers



UNIDOOR-X Style M
with **6”** hinge panel with
Hinge Panel Glass Bracket

D12372-##
D12472-##
D12572-##
D12672-##
D12772-##
D12872-##
D12972-##
D13072-##



UNIDOOR-X Style M
with **24”** hinge panel
with Left or Right L-Bracket

D32372L-##
D32372R-##
D32472L-##
D32472R-##
D32572L-##
D32572R-##
D32672L-##
D32672R-##
D32772L-##
D32772R-##
D32872L-##
D32872R-##
D32972L-##
D32972R-##
D33072L-##
D33072R-##

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##- hardware finish
01- Chrome
04- Brushed Nickel
06- Oil Rubbed Bronze
09 - Satin Black

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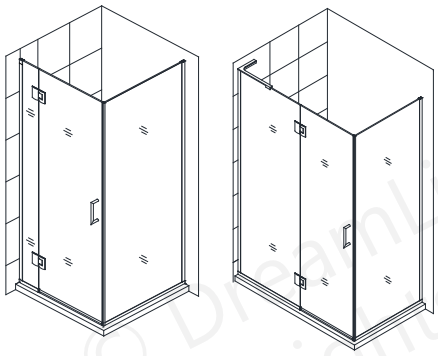
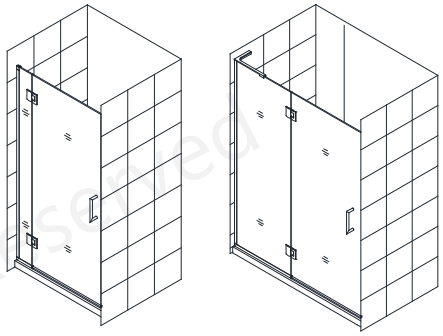
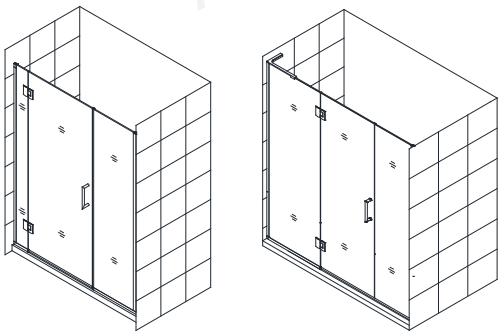
This Unidoor-X Style M manual is used with the following Model Styles:



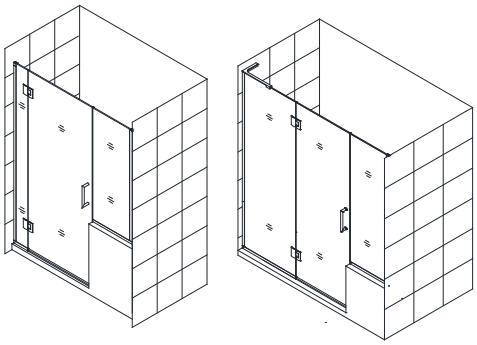
Style L1



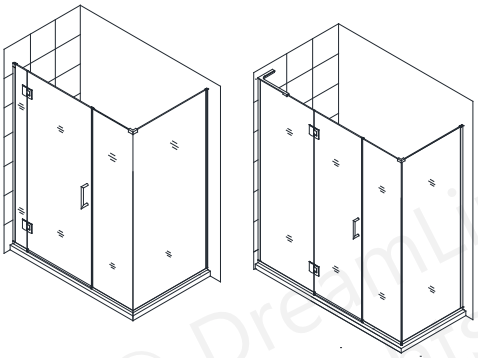
Style M



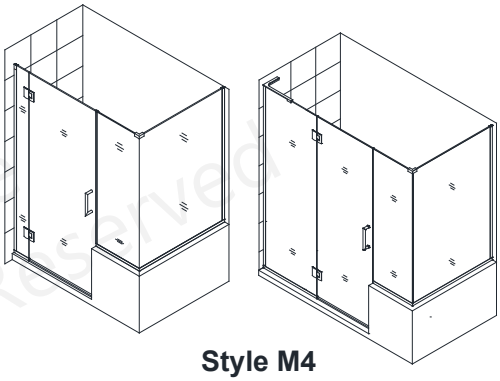
Style M1



Style M2



Style M3



Style M4

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When installing one of the glass-to-glass hinges configurations shown above;

Discard the Style A manual that is packaged with the door glass and **use this Style M manual for the installation of the hinge panel glass and door glass**.

Next, use the manual that is packaged with the panel glass for the panel installation instructions **which include the enclosure installation dimensions** based on the Style or configuration:

- for **Style M1** - use manuals for Style M & Style F
- for **Style M2** - use manuals for Style M & Style G
- for **Style M3** - use manuals for Style M & Style I
- for **Style M4** - use manuals for Style M & Style J
- for **Style L1** - use manuals for Style M & Style L

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STYLE L1 *
UNIDOOR-X Shower door 23”~30” with 6” or 24” hinge panel and with 30”- 34” full height return panel secured using u-channel

STYLE M *
UNIDOOR-X Shower door 23”~30” with 6” or 24” hinge panel secured using u-channel

STYLE M1 *
UNIDOOR-X Shower door 23”~30” with 6” or 24” hinge panel and with 6”, 6-1/2”, 14”, 14-1/2”, 22” or 22-1/2” full height inline panel secured using u-channel

STYLE M2 *
UNIDOOR-X Shower door 23”~30” with 6” or 24” hinge panel with 12”, 18”, 24” or 26” inline buttress panel secured using u-channel

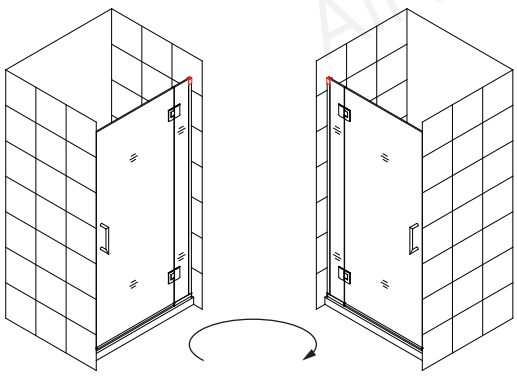
STYLE M3 *
UNIDOOR-X Shower door 23”~30” with 6” or 24” hinge panel, with 6”, 6-1/2”, 14”, 14-1/2”, 22” or 22-1/2” full height inline panel and 30” - 34” full height return panel secured using u-channel

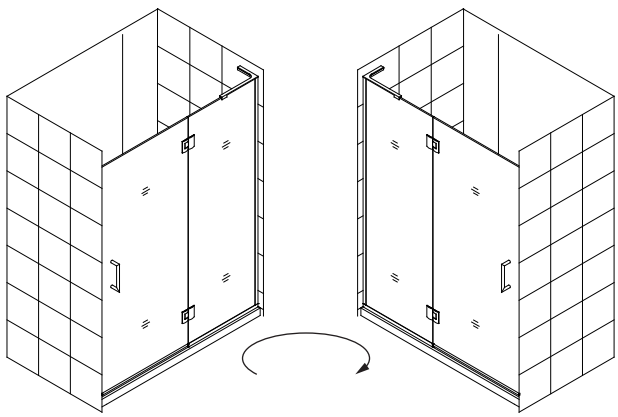
STYLE M4 *
UNIDOOR-X Shower door 23”~30” with 6” or 24” hinge panel, with 12”, 18”, 24” or 26” in-line buttress panel and 30”, 36” or 40” buttress return panel secured using u-channel

***** For the panel installation instructions, please refer to the separate manual included in the panel glass packaging.

Depending on the panel glass size, some panel glass may have both an inline panel manual and a return panel manual. Use the appropriate manual for the model style/configuration.
For Example: a 30” full height panel can be used as an inline panel or a full height return panel.

NOTE: The Unidoor series doors and enclosures are reversible for left or right-hand door installation. This manual will show the right-hand door installation. For a left-hand door installation, simply begin on the opposite wall and reverse the orientation of the parts as necessary.





use Right-hand L-bracket

use Left-hand L-bracket

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Preparation

1. Prior to installation, examine all boxes and packages for shipping damage and compare the piece count with your packing slip. After opening all boxes and packages read this introduction carefully. Check that all of the needed parts are included in the package by checking off the components on the "Detailed Diagram of Shower Door Components". If the unit has been damaged, has a finishing defect, or has missing parts, please contact our customer support department within **3 business days** of the delivery date. **Please note that DreamLine® will not replace any damaged products or missing parts free of charge after 3 business days or if the product has been installed.** Feel free to contact DreamLine® if you have any questions, and please provide an order number, job name or other proof of purchase to help us identify your original order.

2. **Please note that you should consult your local building codes with questions on installation compliance standards. Building and plumbing codes may vary by location, and DreamLine® is not responsible for code compliance standards for your project and will not accept any returns**.

3. If this unit is going to be installed in a new construction, please install all of the required plumbing and drainage before installing the shower. Use a competent and licensed (if required by local code) plumber for all plumbing installation.

4. Please make sure that prior to beginning the installation, the surfaces are leveled and solid and will be able to support the total weight of the unit. Also make sure the walls are at right angles. Irregular installation surface level, radius corners or improper angle of side walls will result in serious problems for your installation. Note that some adjustments and drilling will be necessary during the installation process.

5. Please protect all primary surfaces of the product during installation. **Never set the glass down directly onto a tile floor. Leave corner protectors in place until it is necessary to remove them.** Always use a piece of wood or cardboard to protect the bottom edge and corners of the glass prior to and during installation.

6. This unit must be installed upon a finished threshold and against finished walls.

7. **The hinge panel glass for this model should not be adjusted more than 1/4" for out-of-plumb within the U-channel.** This model does NOT have any adjustment for overall width. Verify that the model size ordered will fit the finished opening before begining installation.

8. **This model requires that you drill into the threshold for proper installation.**

9. **It is recommended to install the hinge-side U-Channel into a stud.**

10. This model requires minimum **5/8"** of flat threshold space for installation.

Professional installation recommended

NOTE: It is required to allow the silicone to fully cure in the U-channels before installing the door glass.

NOTE: DO NOT install the handle onto the door glass until instructed to do so. **DO NOT** attempt to lift the glass using the handle. This could result in damage to the glass and/or serious personal injury. Always use an assistant or a professional grade glass suction cup when handling heavy glass.

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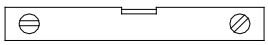
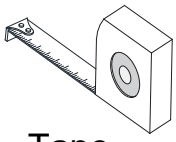
Tools

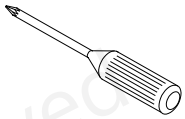


Level

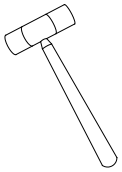


Tape Measure

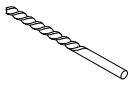
Pencil



Phillips Screwdriver

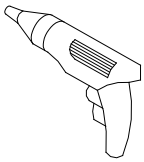


Hammer

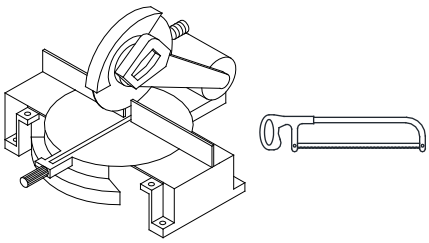


Drill bit (Ø=5/16")

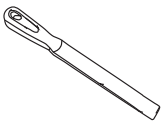
Drill bit (Ø=1/8")



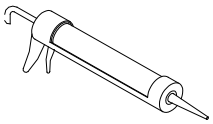
Power Drill



Miter saw or Hacksaw



Metal File



100% Silicone*

*Quick-drying/fast curing silicone recommended for the installation of hinge panels.

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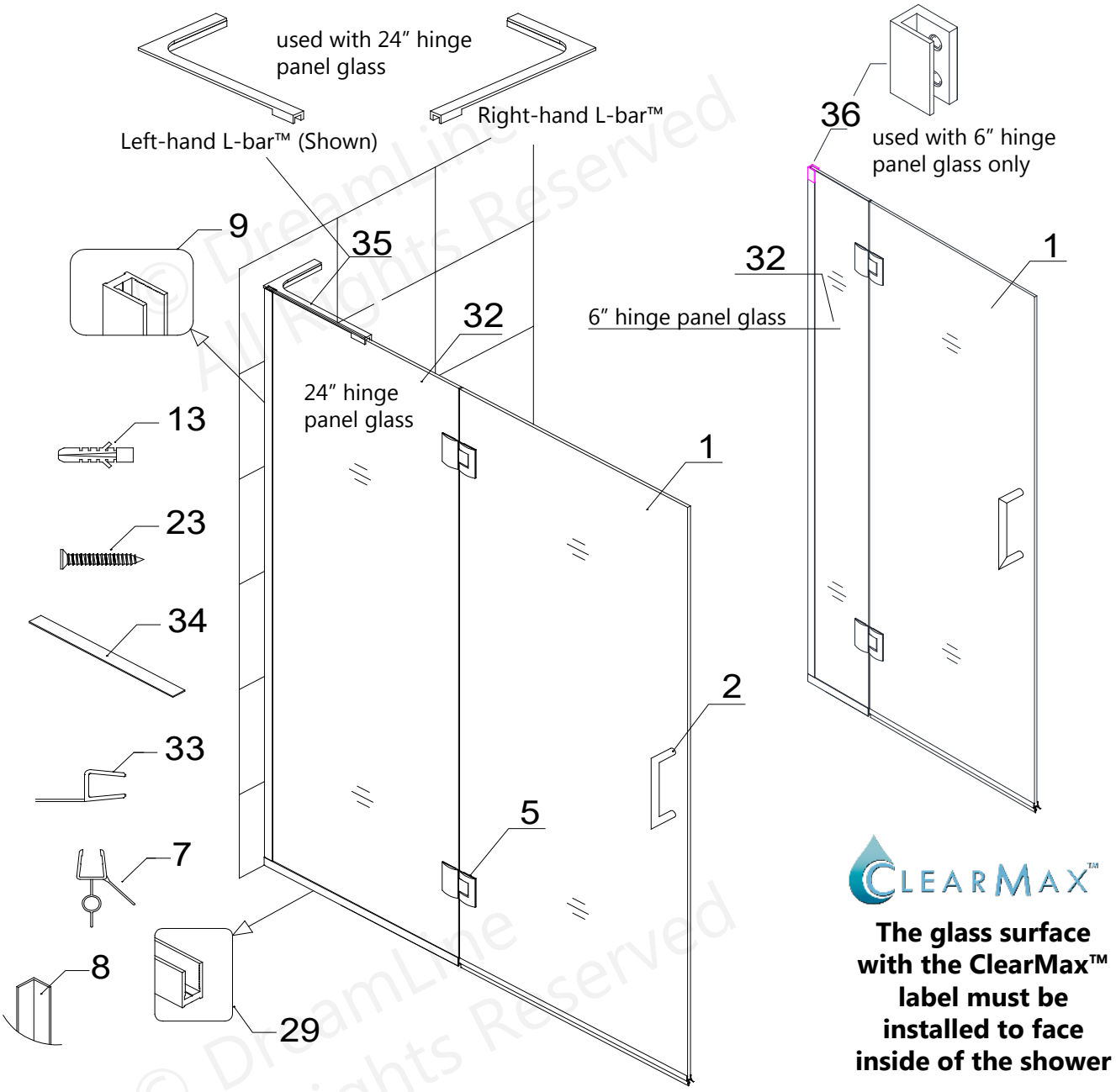
Detailed Diagram of shower door components



The glass surface with the ClearMax™ label must be installed to face inside of the shower

Parts List

01	Door Glass	1pc	23	ST4.2x40 Countersunk screw	8pcs
02	Handle	1pc	29	U-channel 2 (44", bottom profile)	1pc
05	Glass-to-Glass Hinge	2pcs	32	Hinge panel glass (6" or 24")***	1pc
07	Bottom Sweep Vinyl Seal	1pc	33	Hinge-side vinyl seal	1pc
08	L-Strike Vinyl w/VHB tape	1pc	34	PVC glass spacer (0.5mm)	1pc
09	U-channel 1 (76", wall profile)	1pc	35	L-Bar™ (Left or Right) (for 24")**	1pc
13	Ø5/16" Wall anchor	5pcs	36	Hinge Panel Glass Bracket (for 6") ^	1pc

* L-shaped strip (#08) only used for Style M configuration
** L-Bar™ (for 24" hinge panel glass) is not included with 6" hinge panel glass
*** Hinge panel glass - the top hinge cutout is 7-7/8" to center, the bottom cutout is 8-3/8" to center.
^ Hinge Panel Glass Bracket (#36) is for the 6" hinge panel only and is not to be used with the 24" hinge panel glass

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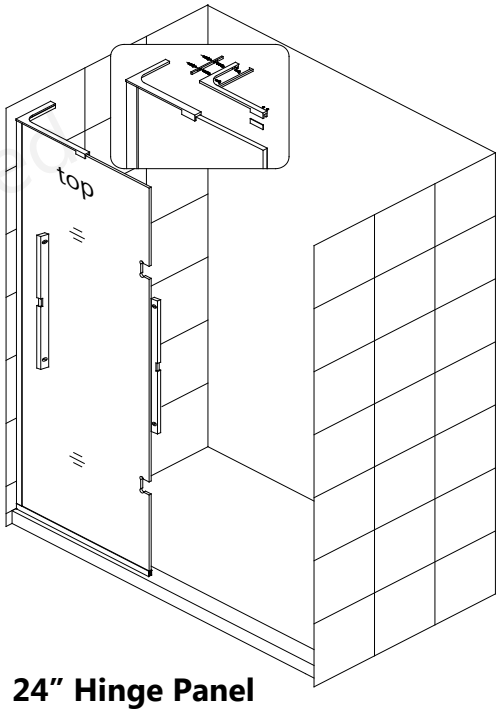
Installation steps

Style M - 6" & 24" Inline Panel and Shower Door Installation

NOTE: The following shower door installation instructions should be used as a general guide and prerequisite to the installation of the UNIDOOR Style M, M1, M2, M3, M4 and L1 models. Before you begin the installation, please check your finished opening size and model dimensions to ensure proper placement of the Hinge Panel Glass (#32) and Door Glass (#01). Specific size information can be found on our website: DreamLine.com.

NOTE: The **24"** Hinge Panel Glass (#32) installs with either a left or right **L-Bar™ (#35). (Fig A)**
The **6"** Hinge Panel Glass installs with the **Hinge Panel Glass Bracket (#36). (Fig B)**
This manual includes instructions for both methods.

NOTE: There is a top and a bottom to the **Hinge Panel Glass (#32)**: The **top hinge cutout** is 7-7/8" to center, the **bottom hinge cutout** is 8-3/8" to center. The hinge panel glass **must** be installed correctly.

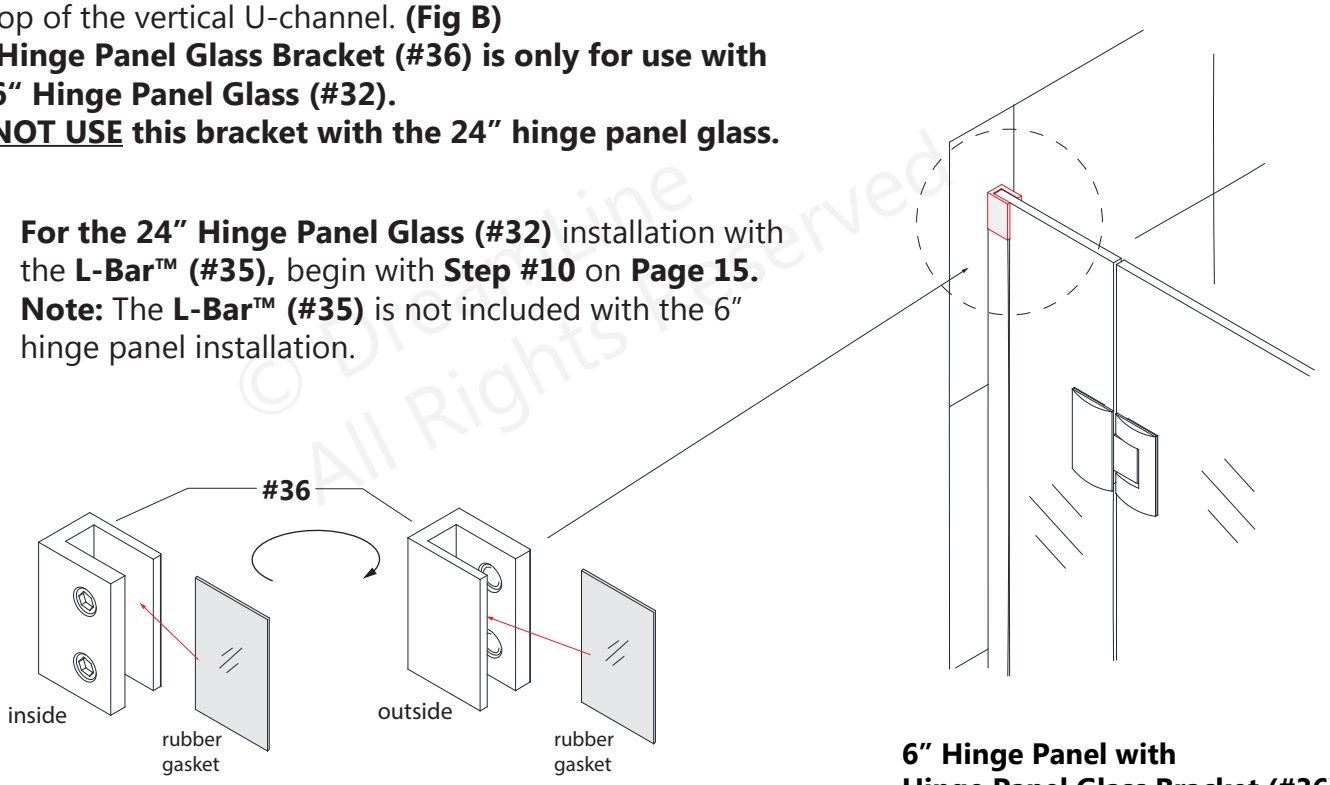


24" Hinge Panel with left-hand L-Bar™ (#35)

Fig A

NOTE: For the **6" Hinge Panel Glass (#32)** installation, begin with Step #1. The **Hinge Panel Glass Bracket (#36)** installs at the top of the vertical U-channel. **(Fig B)**
The Hinge Panel Glass Bracket (#36) is only for use with the 6" Hinge Panel Glass (#32).
DO NOT USE this bracket with the 24" hinge panel glass.

For the 24" Hinge Panel Glass (#32) installation with the **L-Bar™ (#35),** begin with **Step #10** on **Page 15.**
Note: The **L-Bar™ (#35)** is not included with the 6" hinge panel installation.



6" Hinge Panel with Hinge Panel Glass Bracket (#36)

Fig B

NOTE: The **Hinge Panel Glass Bracket (#36)** is only to be installed with the **6" Hinge Panel Glass (#32)** for the UNIDOOR-X models.
Maximum out-of-plumb adjustment for Hinge Panel Glass = 1/4"

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Installation steps for 6” hinge panel with Hinge Panel Glass Bracket

1. Draw a line on the threshold and up the wall to represent the outside edge of the U-channels. Make sure the line is parallel to the front edge of the threshold. **(Fig 1)**

2. Use a hacksaw or a miter saw:
Cut the Vertical U-channel to **69-7/16”.**
Cut the Bottom U-channel** to **6”. (Fig 2)**

NOTE: Refer to the enclosure panel manual for the correct dimensions for enclosure installations

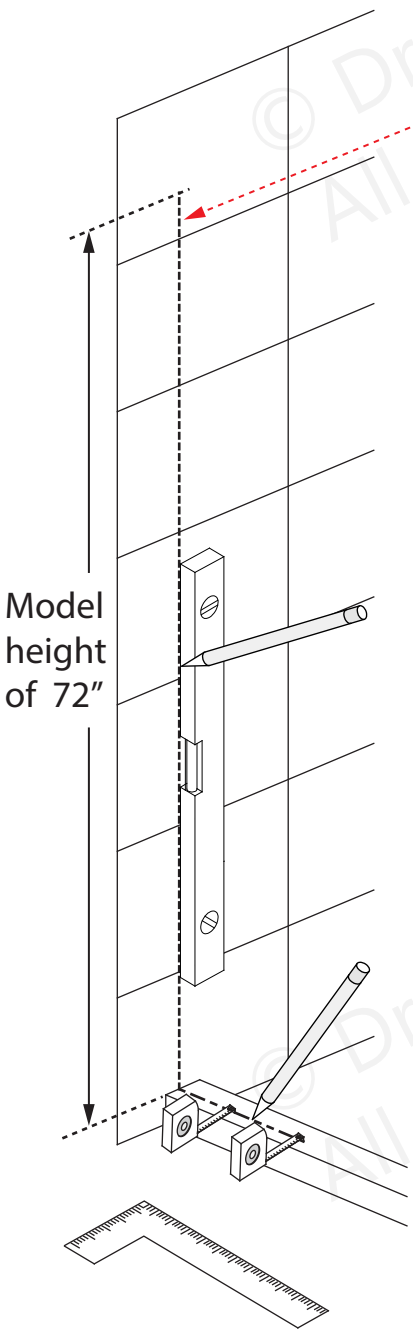


Fig 1

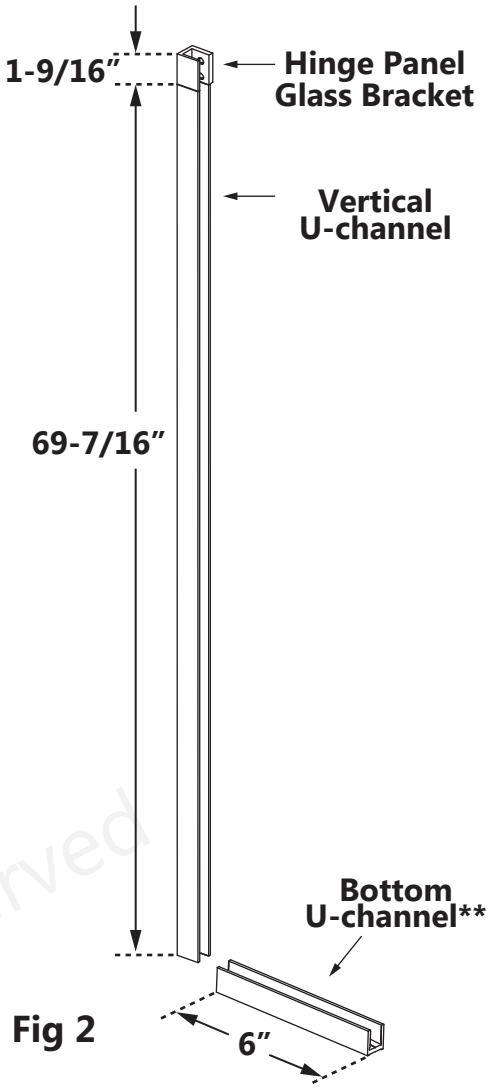
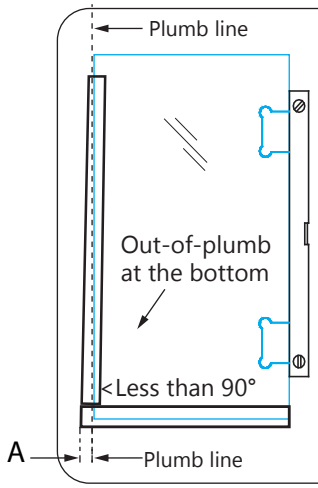


Fig 2



****If the wall is out-of-plumb at the <u>bottom</u>,** measure that dimension (A) and add it to the length of the U-channel (1/4” max): **Finished cut length= Glass Width + 3/16” + dimension A**

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3. Position the U-channels and **Hinge Panel Glass Bracket (#36)** on the wall and threshold to mark the holes for drilling. **(Fig 3)**

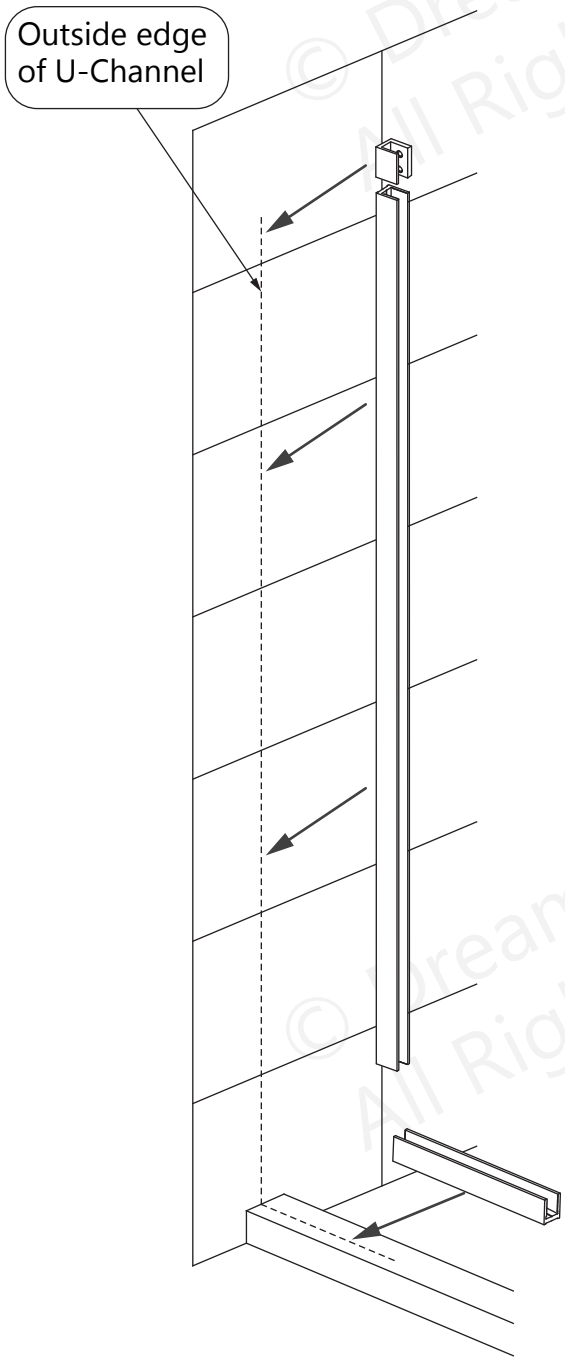

Fig 3

4. Mark the hole positions on the wall and threshold through the holes in the U-channels and the **Hinge Panel Glass Bracket (#36).**
(Note that the **Hinge Panel Glass Bracket (#36)** is wider than the u-channel and must be aligned correctly with the u-channel).
(Fig 4)

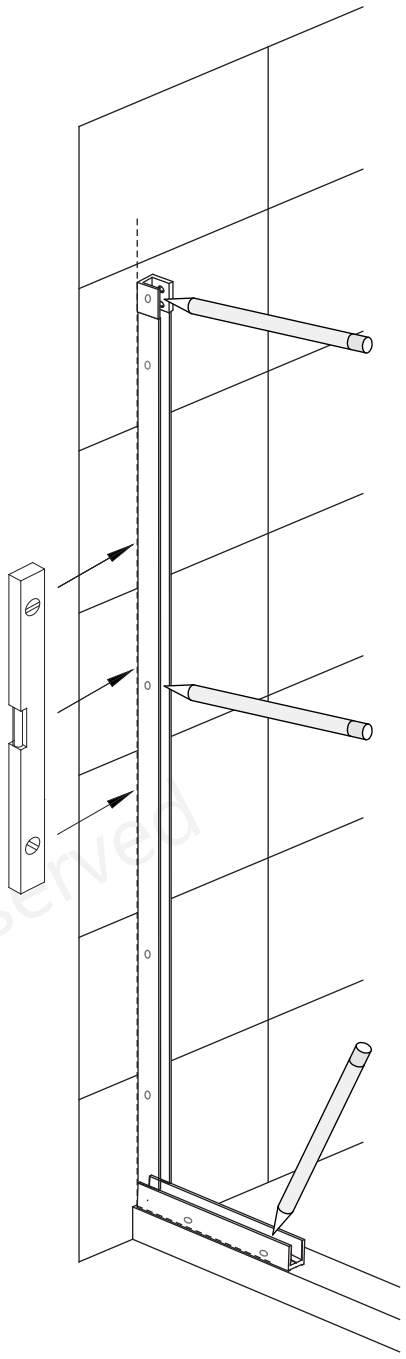

Fig 4

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5. Drill **Ø5/16"** holes in the wall and install the wall anchors.
• Drill **Ø1/8"** holes into an acrylic threshold OR
•Drill **Ø5/16"** holes and install anchors for installation into a tile threshold. **(Fig 5)**

6. Apply silicone to the back of the U-channels and the screw holes, then install the U-channels and **Hinge Panel Glass Bracket (#36)** using the **ST4.2 x 40mm Countersunk Screws (#23). (Fig 6)**

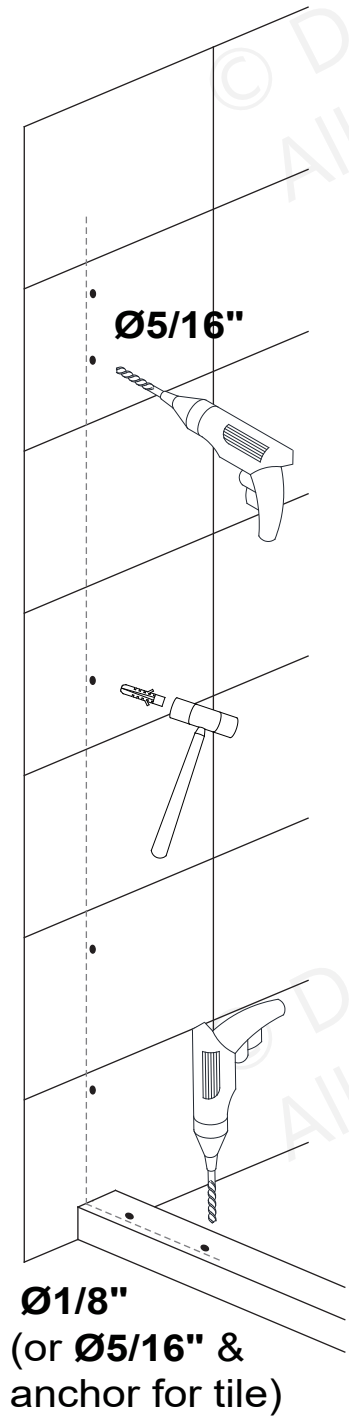

Fig 5

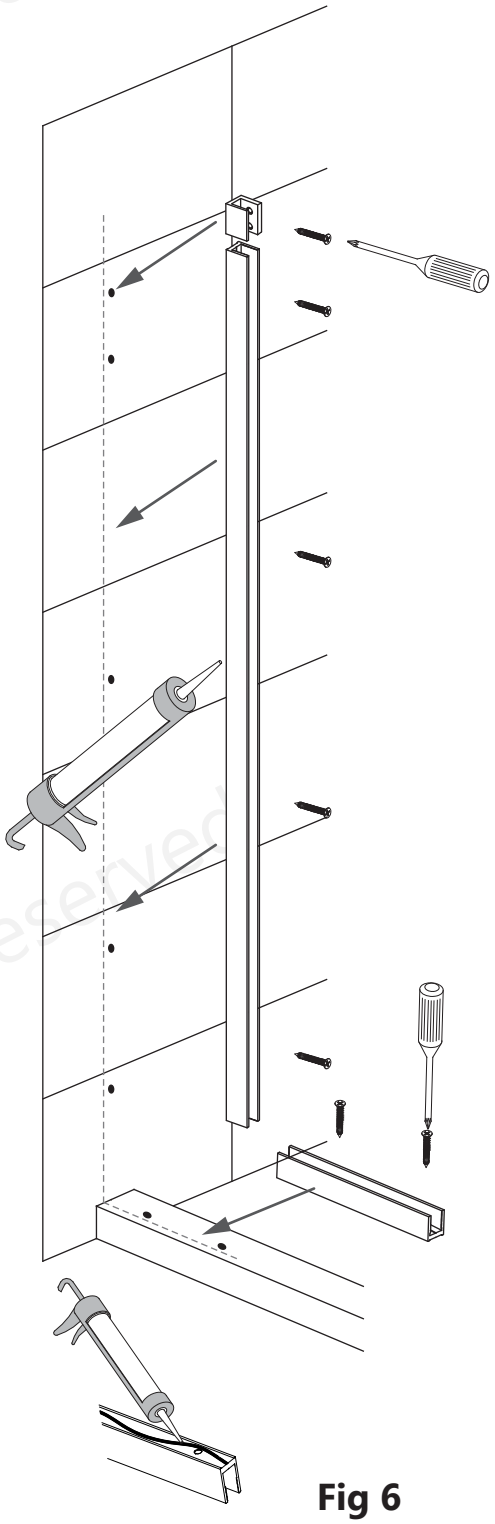

Fig 6

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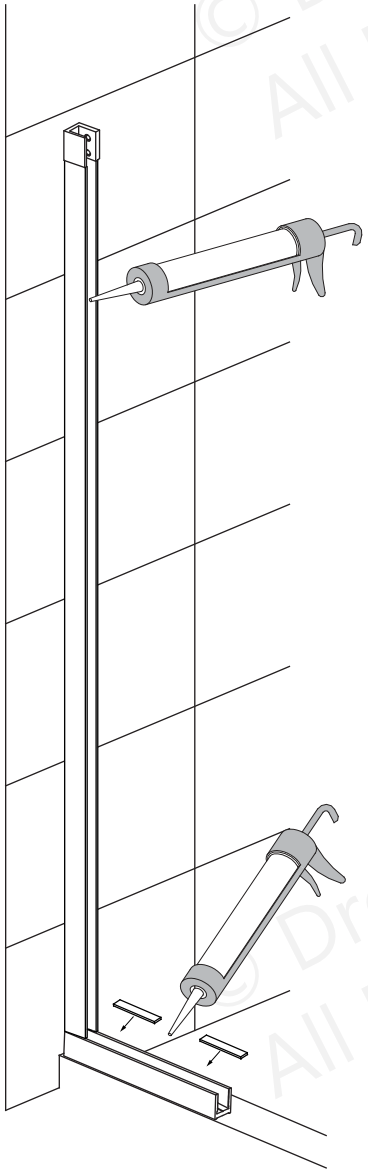
7. Add the **PVC Glass Spacer (0.5mm) (#34)** into the bottom U-channel to protect the bottom corners of the glass.
Apply a bead of silicone into the length of the U-channels. **(Fig 7)**

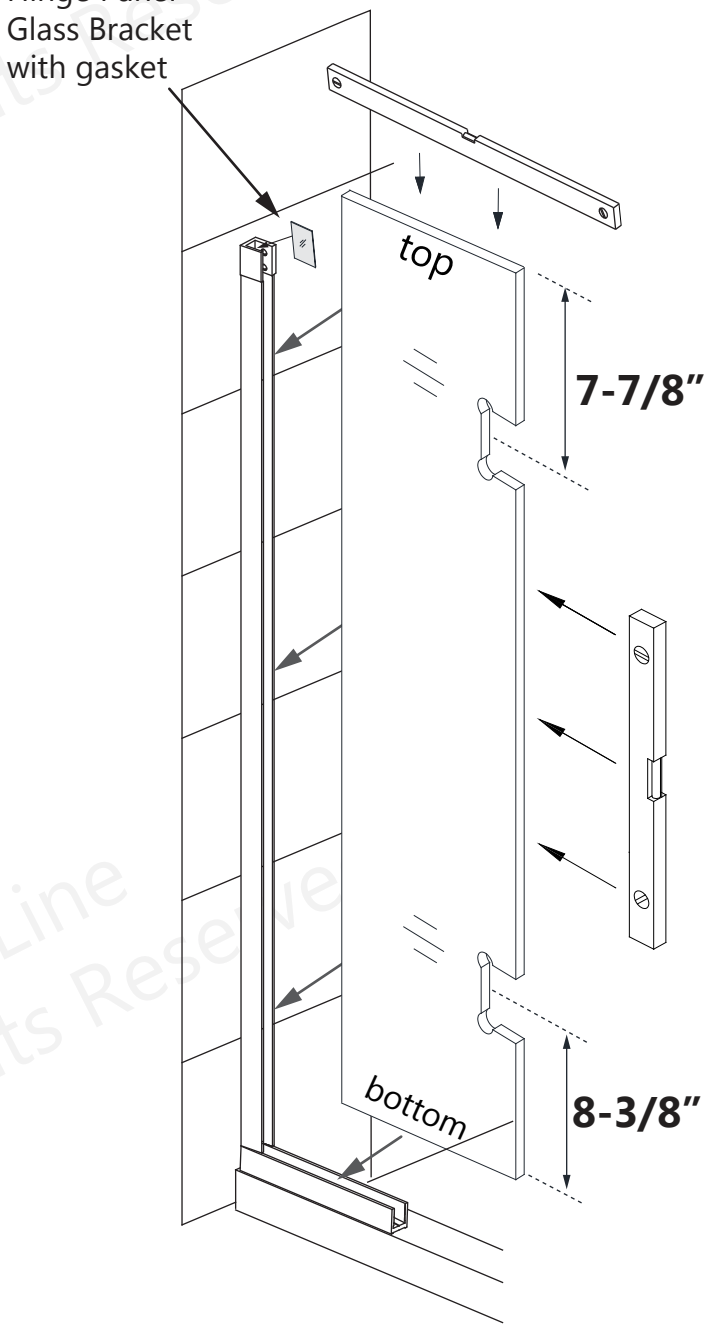
Quick-drying/fast curing silicone is recommended for the installation of hinge panel glass into u-channels.



Cut and install two 2"pcs of the PVC Glass Spacer (0.5mm) (#34) into the bottom U-channel to protect the bottom edge and corners of the glass

Fig 7

8. Install the **Hinge Panel Glass (#32)** into the U-channel, checking for level and plumb. Install the gasket into the **Hinge Panel Glass Bracket (#36)**. (**Note:** Make sure the top of the hinge panel glass is at the top). **(Fig 8)**



NOTE: It is required to allow the silicone to fully cure in the U-channels before installing the door glass.

Fig 8

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9. Tighten the rubber-tipped set screws on the **Hinge Panel Glass Bracket (#36)** to secure the hinge panel glass. **(Fig 9)**

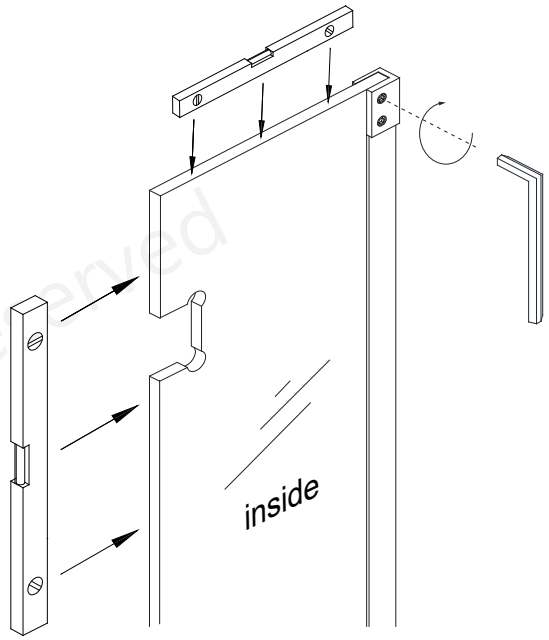

Fig 9

NOTE: Following the installation of the Hinge Panel Glass (#32), it is required to allow the silicone to fully cure before hanging the door glass. (Fig 9)

Proceed to Step #19 on Page 22 to continue the installation of the Hinges, Door Glass and other components.

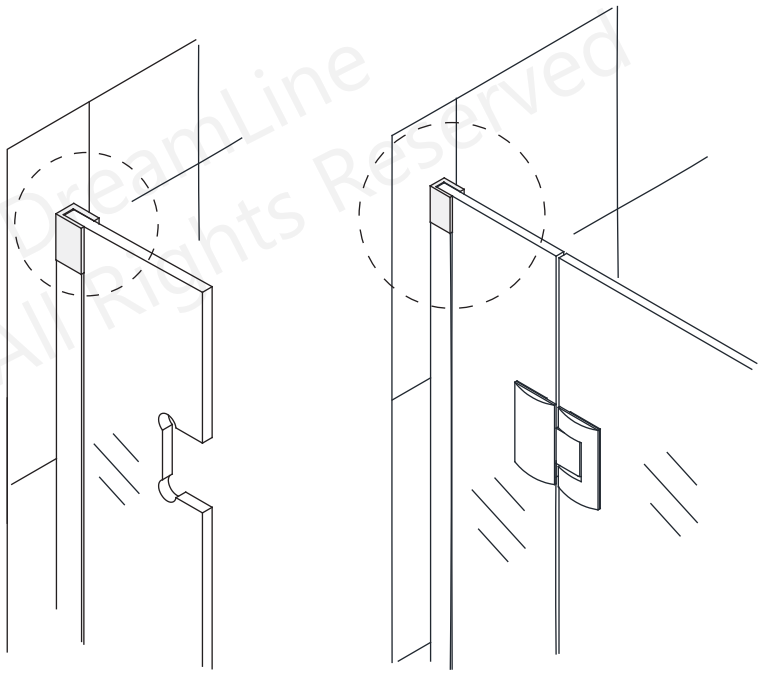

Fig 9

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Installation steps for 24" hinge panel glass and the L-Bar™

10. Cut the **Vertical U-channel 1 (#09)** to **71". (Fig 10)**

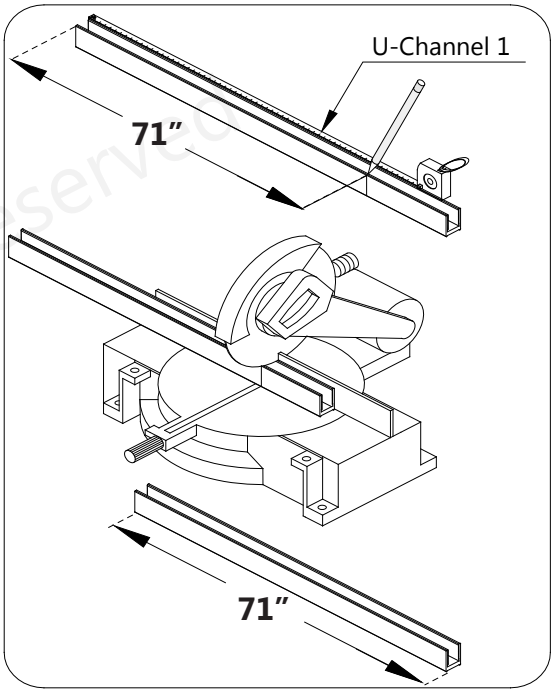
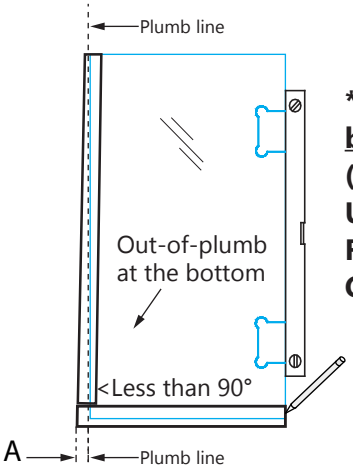


Fig 10

11. Cut the **Bottom U-channel 2 (#29)** to **24"** **(see note** below). (Fig 11)**



****If the wall is out-of-plumb at the <u>bottom</u>, measure that dimension as (A) and add it to the length of the U-channel (+1/4" max):**
Finished cut length (L) =
Glass Width + 3/16" + dimension A

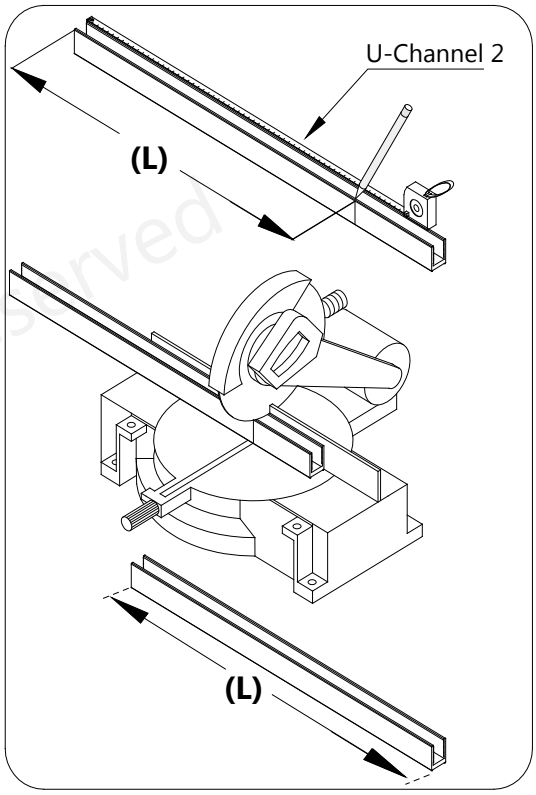
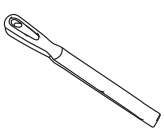


Fig 11

NOTE The Vertical U-channel for the <u>Hinge Panel</u> glass will accomodate **up to 1/4" for out-of-plumb.**
Do not exceed this amount.

TIP: Use a metal file to remove any burrs from the cut end of the U-channels before placing them onto the glass.



Metal File

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12. Position the **U-channel 2 (bottom profile) (#29)** onto the threshold, parallel to the outside edge. Mark the position of the U-channel and mark the position of the holes for drilling. You need to use at least 3 holes for the **U-channel 2 (bottom profile) (#29)**: one near each end and one near the center.

• Drill the holes into the threshold using an **Ø1/8"** drill bit. (Or use a **Ø5/16"** bit and anchor for tile)

• Apply a bead of silicone to the bottom of the **U-channel 2 (bottom profile) (#29)** and attach it to the threshold using the **ST4.2 x 40mm Countersunk Screws (#23). (Fig 12)**

NOTE: If installing this hinge panel and door for one of the Unidoor-X enclosure configurations, <u>it is important that the hinge panel is installed at the correct dimension for the enclosure model size.</u> Refer to the panel installation manual packaged with the panel glass for details and dimensions.

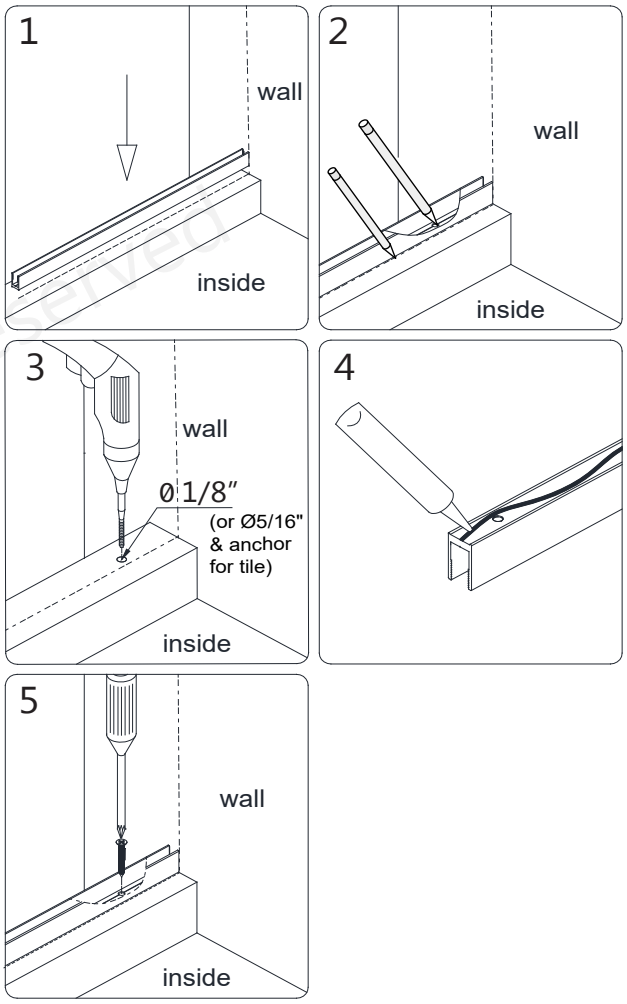
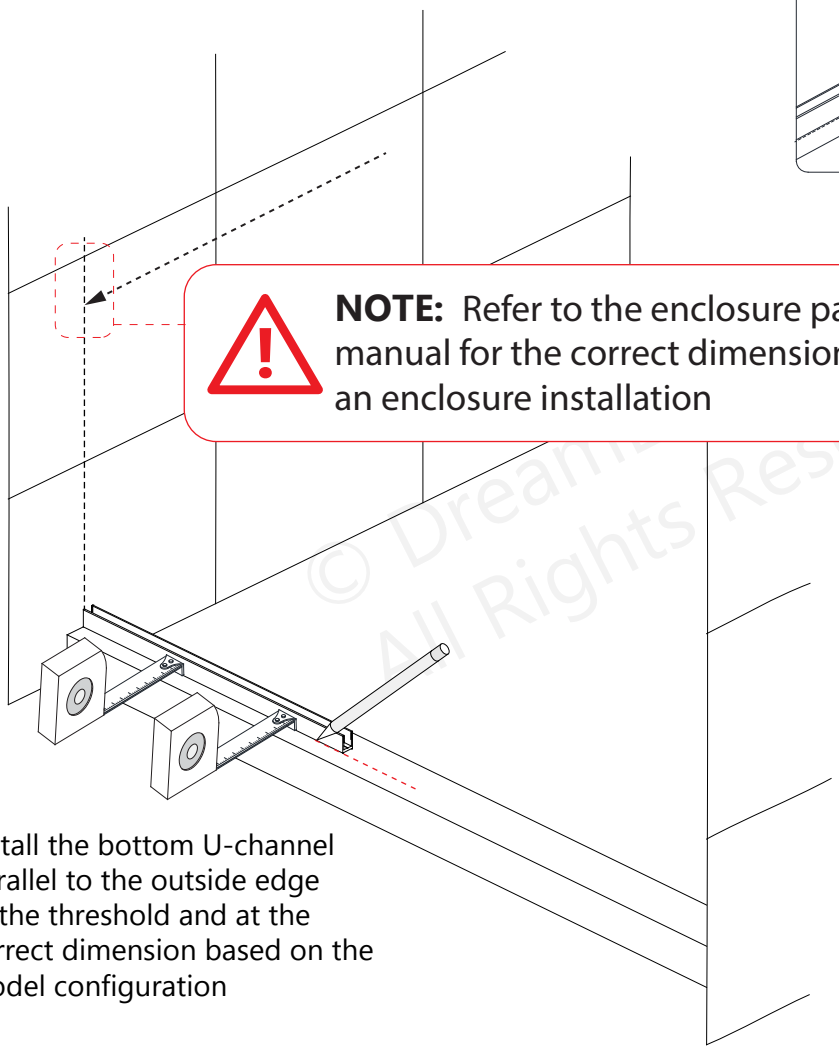


Fig 12



Install the bottom U-channel parallel to the outside edge of the threshold and at the correct dimension based on the model configuration

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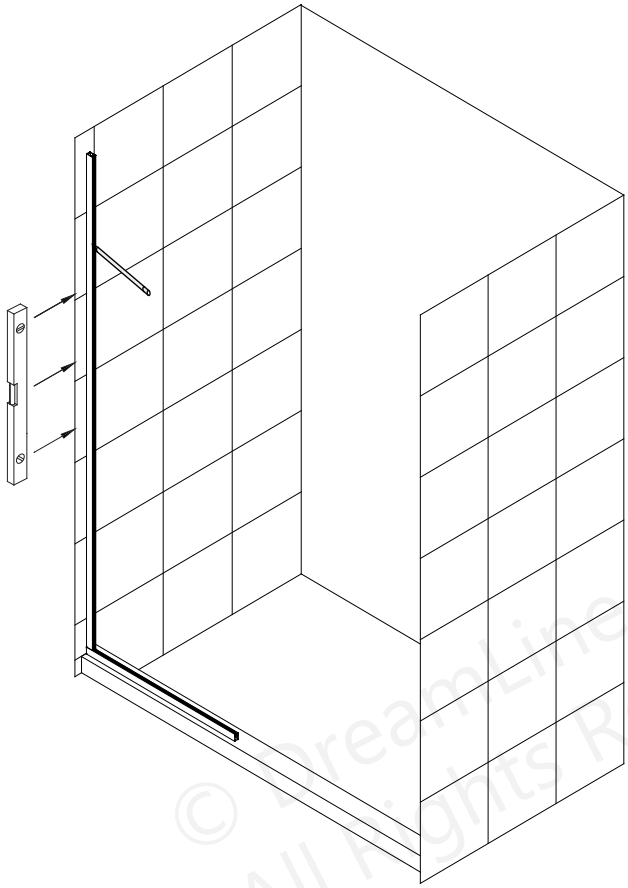
13. Next, position the vertical **U-channel 1 (#09) (wall profile)** on top of the installed bottom U-channel.
Use a level to plumb the **U-channel 1 (#09) (wall profile)** and mark the positions of the holes for drilling. You need to use at least four holes for the **U-channel 1 (#09) (wall profile).**

• Drill the holes into the wall using a **Ø5/16"** drill bit.

• Insert the **Ø5/16" Wall Anchors (#13)** into the holes.

• Apply silicone to the back of the **U-channel 1 (#09) (wall profile)** and attach it to the wall using the **ST4.2 x 40mm Countersunk screws (#23). (Fig 13)**



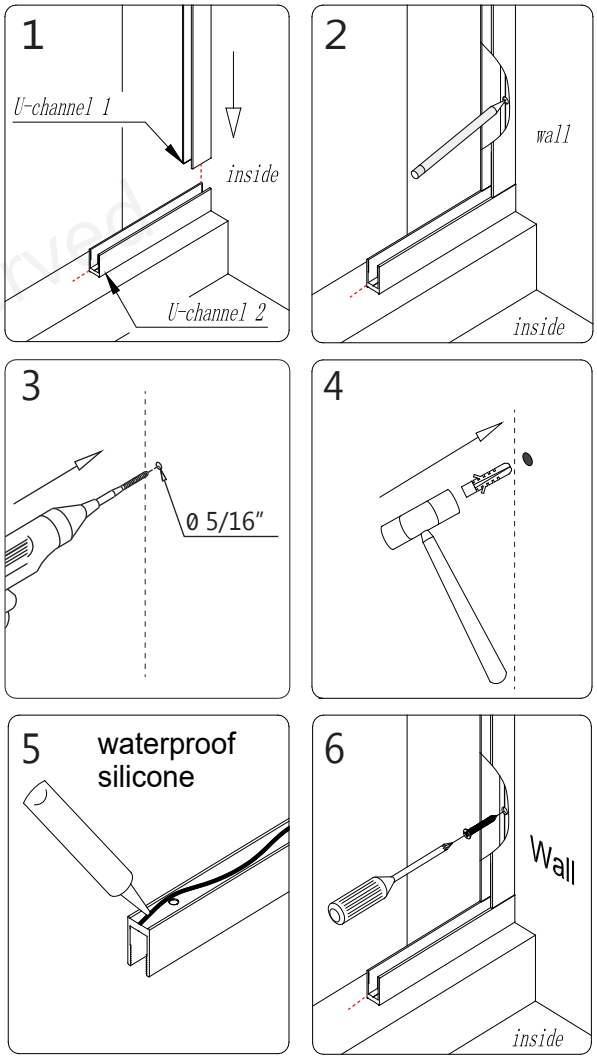


Fig 13

14. Add several 2" pieces of the **PVC Glass Spacer (0.5mm) (#34)** into the **Bottom U-channel** to protect the bottom edge and corners of the glass.
Apply a good quality mildew-resistant silicone into both U-channels. **(Fig 14)**

Quick-drying/fast curing silicone is recommended for the installation of hinge panel glass into u-channels.

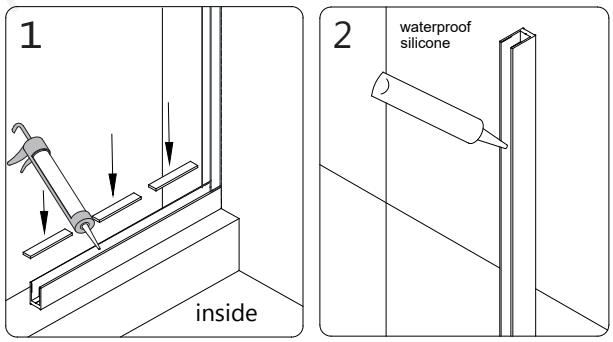


Fig 14

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NOTE: There is a top and a bottom to the **Hinge Panel Glass (#32)**:
The **top hinge cutout** is 7-7/8" to center, the **bottom hinge cutout** is 8-3/8" to center.
The hinge panel glass must be installed correctly so the door glass can be installed correctly.

15. Install the **Hinge Panel Glass (#32)** into the **U-channel 2 (#29) (bottom profile)** and the **U-channel 1 (#09) (wall profile)**. Apply a dab of silicone to the exposed end of the bottom u-channel. **(Fig 15a and 15b)**

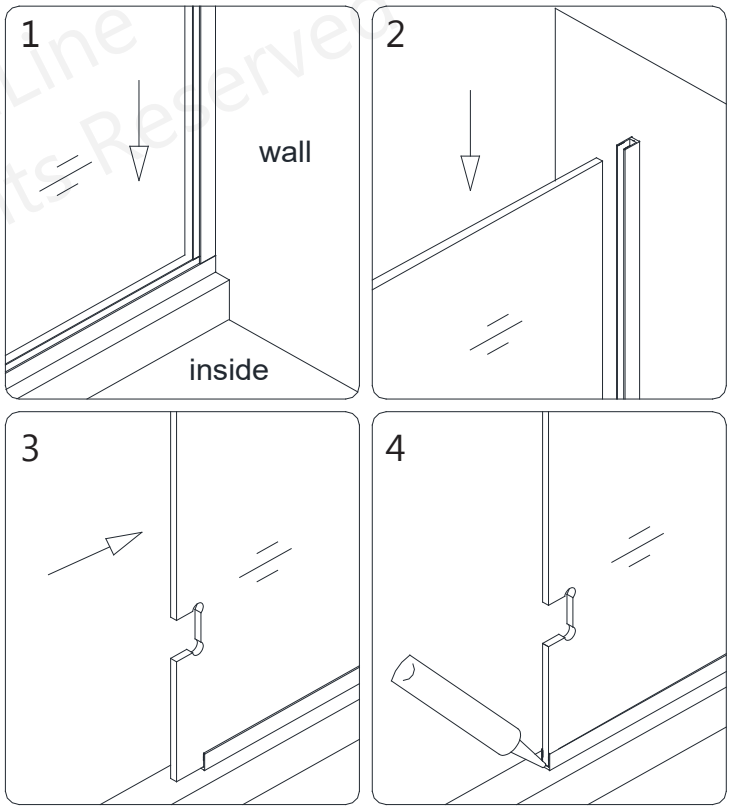

Fig 15a

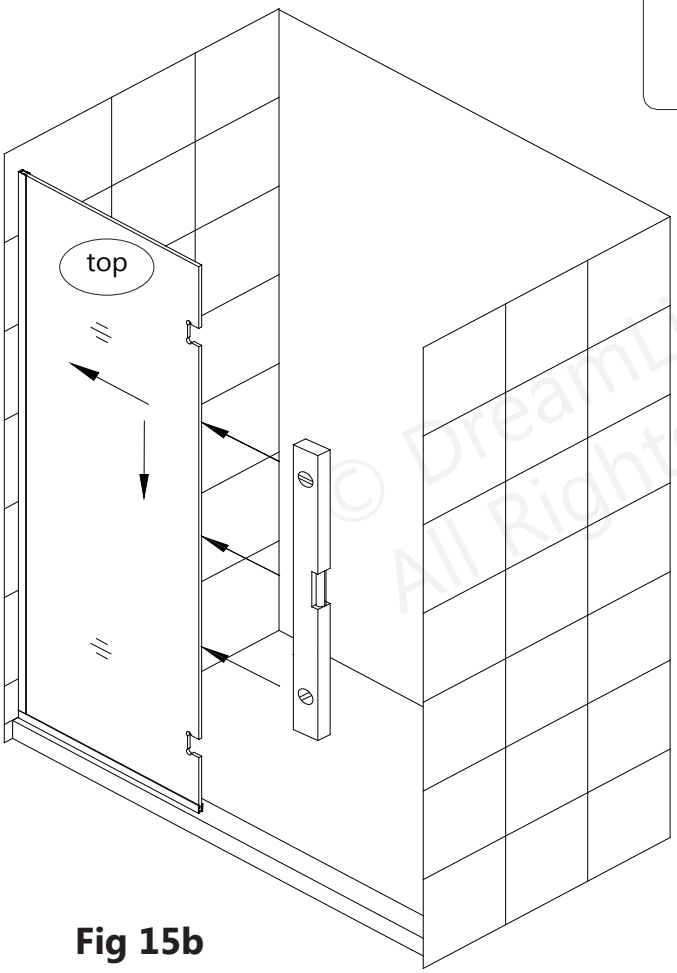

Fig 15b

NOTE: It is required to allow the silicone to fully cure in the U-channels before installing the door glass.

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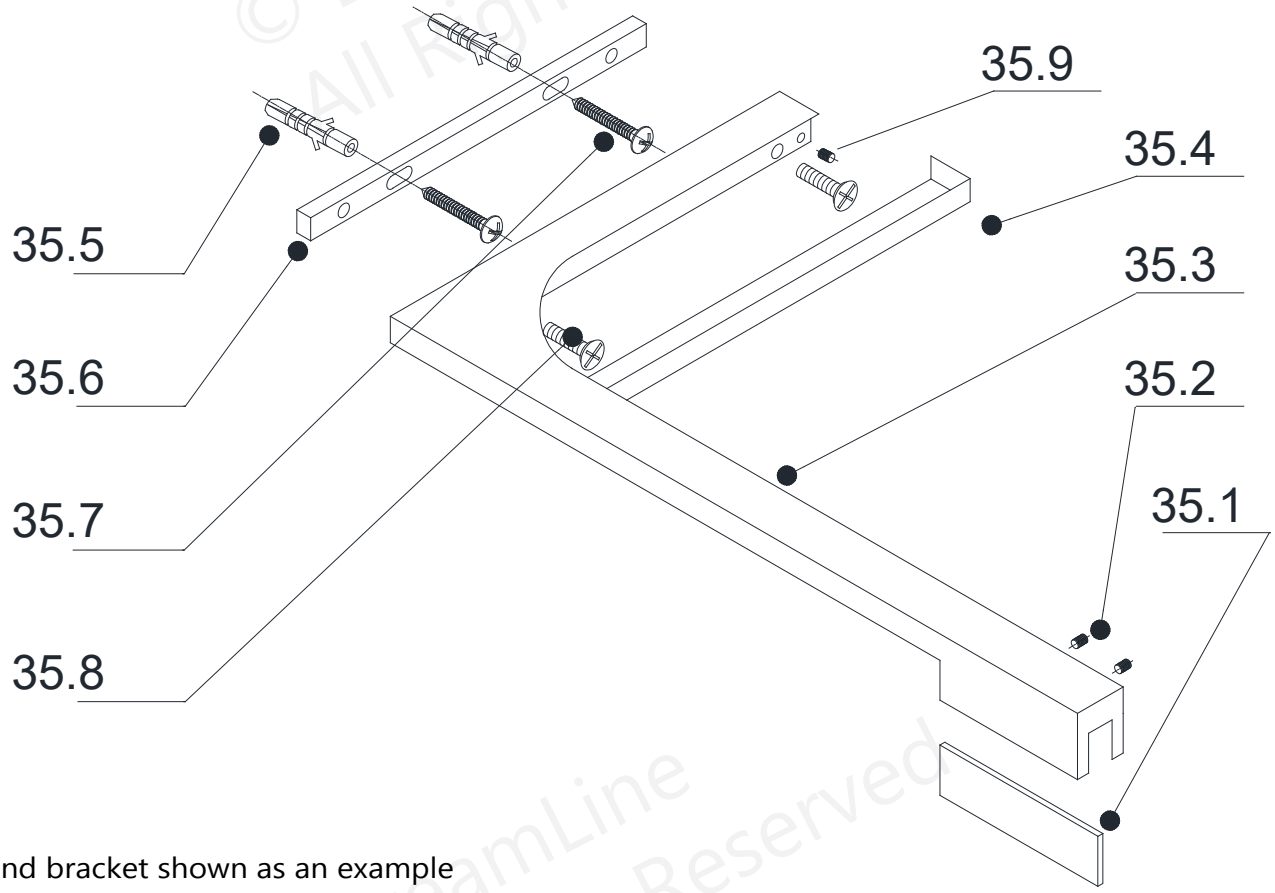
Installation steps for 24” hinge panel glass with L-Bar™

L- Bar™ Assembly (#35) Parts List**



Left-hand bracket shown as an example

35.1	PVC spacer	1 pc	35.6	Wall plate	1 pc
35.2	Rubber tip set screw	2 pcs	35.7	Truss Head Screw ST 4.2 x 40	2 pcs
35.3	L-Bar™ (left hand shown)	1 pc	35.8	Flat head Screw M5 x 14	2 pcs
35.4	Decorative cover	1 pc	35.9	Wall Plate adjustment set screw	2 pcs
35.5	Ø5/16” Wall anchor	6 pcs			

****The L- Bar™ Support Bracket Assembly is not included with the 6” hinge panel**

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Left-hand bracket installation shown as an example

16. Position the **L-Bar™ Assembly (#35)** onto the **Hinge Panel Glass (#32)** as shown and mark its position on the wall.
Remove the **Wall Plate (#35.6)** from the L-Bar™. Hold the **Wall Plate (#35.6)** to the marks on the wall. Check for level and mark the holes for drilling through the wider, untapped holes. **(Fig 16.2)**
Drill two **Ø5/16"(8mm) holes** and insert the **Ø5/16" Wall anchors (#35.5)**. **(Fig 16)**

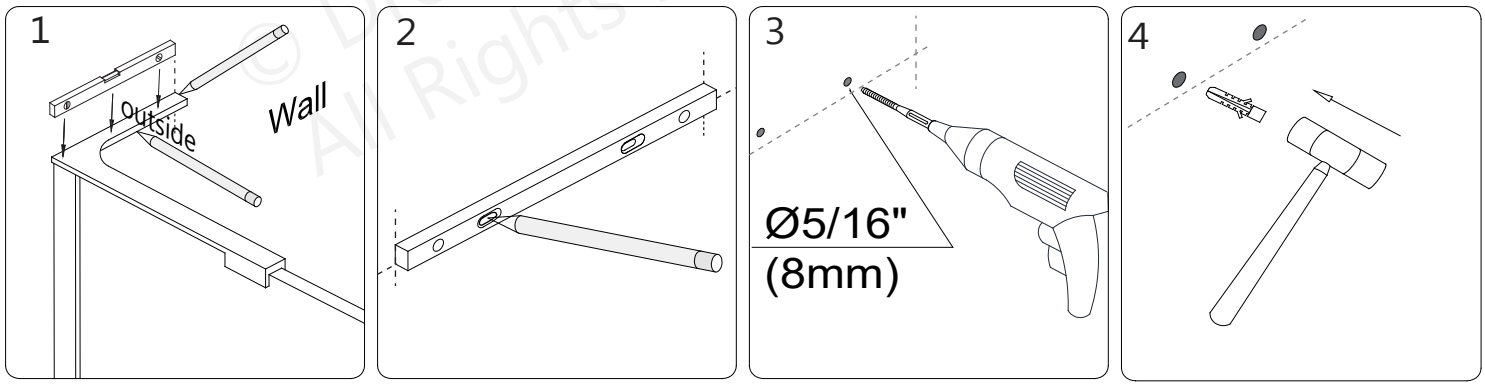

Fig 16

Leave space for the decorative cover when marking the position of the L-Bar

17. Attach the **Wall Plate (#35.6)** to the wall using the **ST4.2 x 40 (#35.7) Truss Head Screws**.
Re-attach the **L-Bar™ (#35.3)** to the **Wall Plate (#35.6)** using the **Flat Head Screw M5x14 (#35.8)** and adjust the angle if necessary by using the **Wall Plate Adjustment Set Screws (#35.9) (Fig 17.7 and 17.8)**
Note that the **Flat Head Screws M5x14 (#35.8)** must be loosened to allow adjustment with the set scews and then retightened after adjustment. **(Fig 17)**

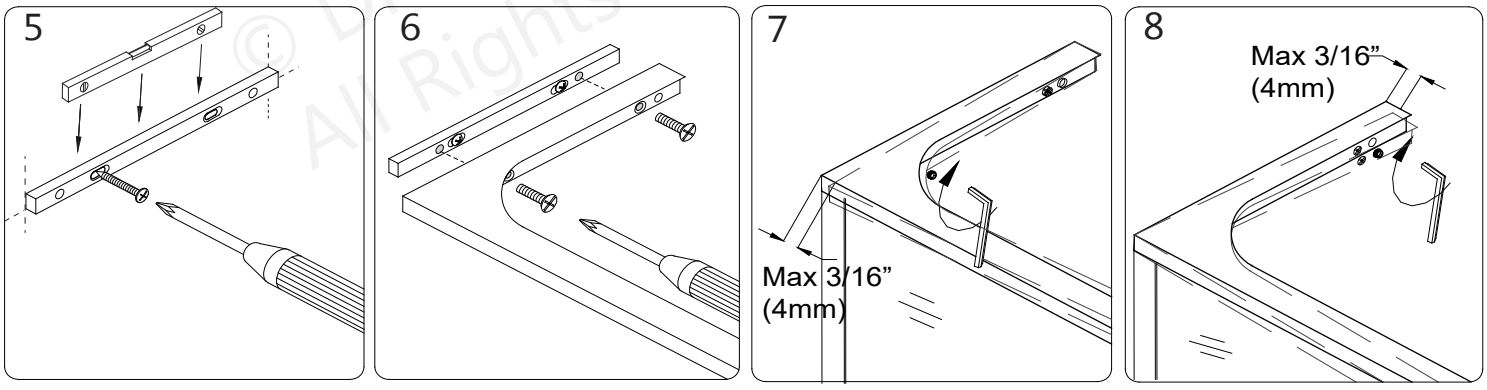

Fig 17

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18. Adjust the **Panel Glass** to plumb and tighten the screws. Attach the **Decorative Cover (#35.4)**. Secure the **L-Bar™ (#35.3)** to the top of the **Panel Glass** using the clear gasket and rubber-tipped set screws. **Firmly tighten but <u>Do Not</u> overtighten the set screws. (Fig 18a and Fig 18b)**

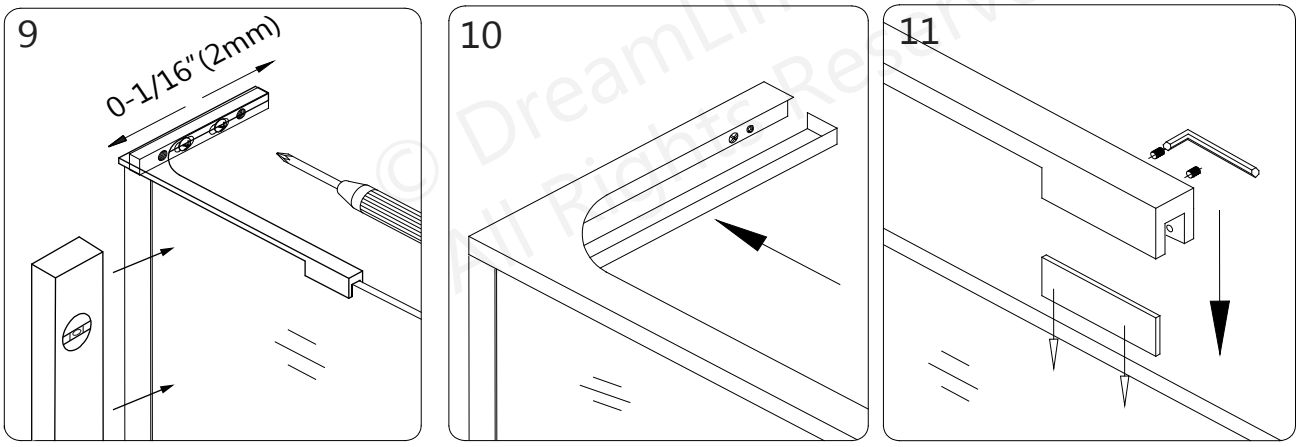
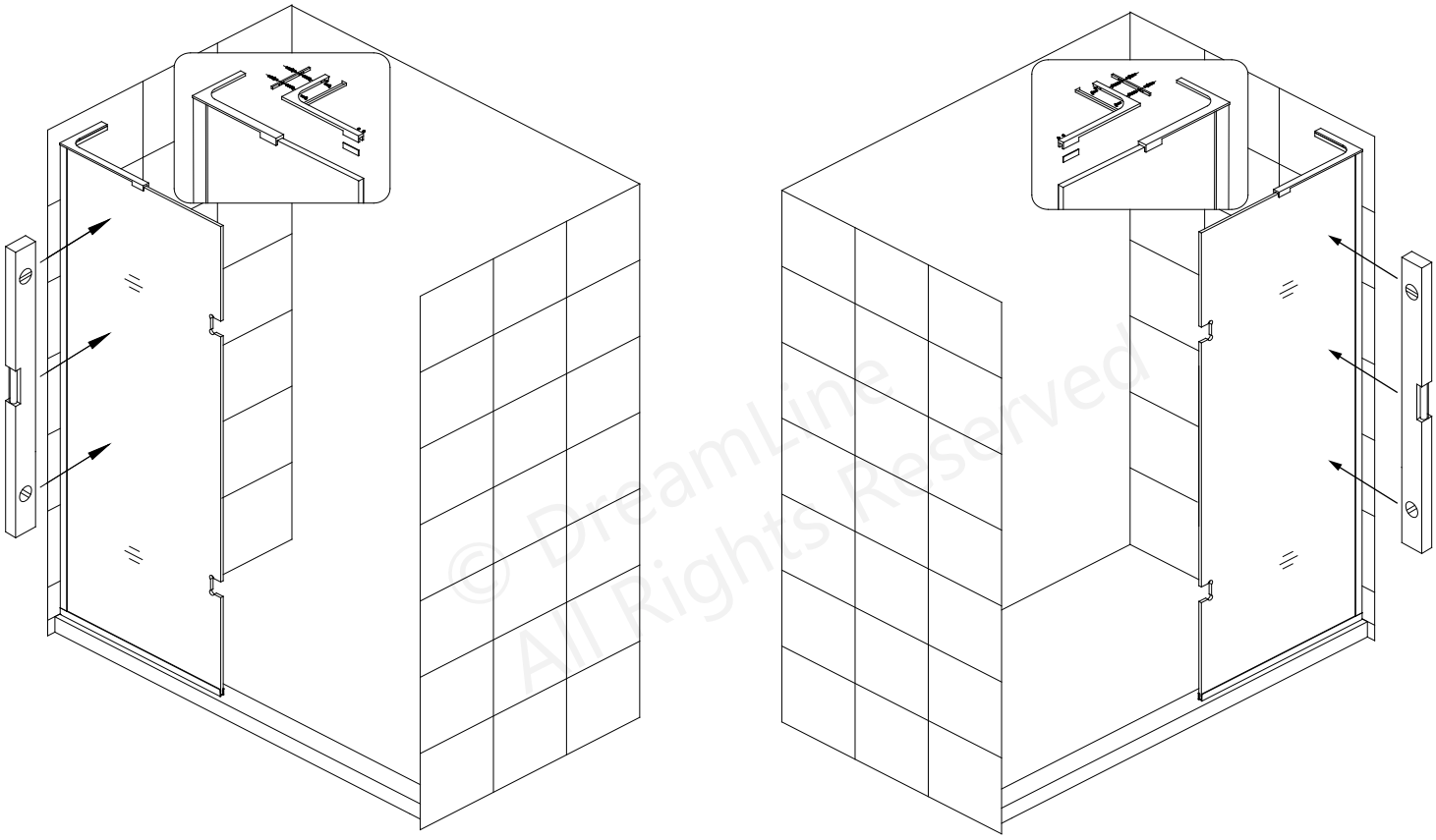


Fig 18a



Left-hand L-Bar™ installation

Fig 18b

Right-hand L-Bar™ installation

NOTE: The Left-hand L-Bar™ installation is shown.
Follow the same steps for installing the Right-hand L-Bar™.

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19. Attach the **Glass-to-Glass Hinges (#05)** to the **Hinge Panel Glass (#32)** with the bolts facing inside the shower. Install the hinges onto the **Hinge Panel Glass (#32)** flush with the edge of the glass.

Use at least one 2mm hinge gasket per side. Tighten the hinge bolts evenly and snap in the decorative bolt caps. **(Fig 19)**

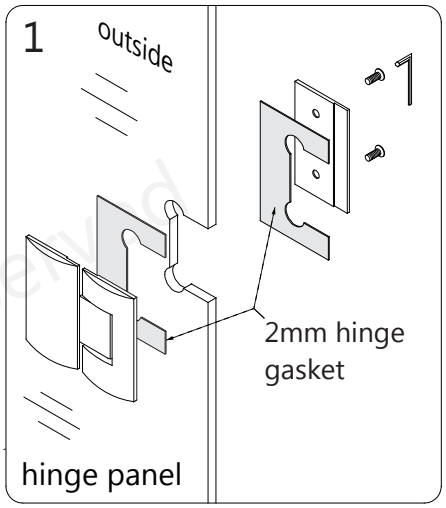
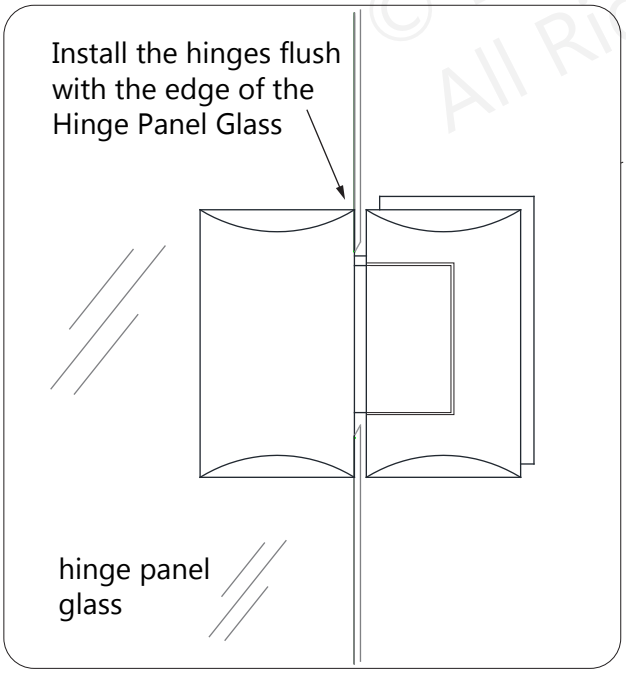


Fig 19



TIP: Clean the hinge gaskets and the glass around the hinge notches with an ammonia-free glass cleaner before installing the hinges onto the glass.

NOTE: These adjustable hinges are factory set to overclose. See **Page 27** for instructions regarding the adjustment features for these hinges.

NOTE: **Do Not** attach the handle to the door glass until instructed.
Do Not attempt to lift the door glass with the handle as this may result in damage to the glass and/or serious personal injury. Use a professional grade glass suction cup and an assistant when handling heavy glass.

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20. The **Door Glass (#01)** ships with **5/8" spacers**. These **5/8" spacers** will create the proper spacing at the bottom of the door glass and will ensure the installed door height finishes at 72". (<u>but always confirm with a measurement</u>)

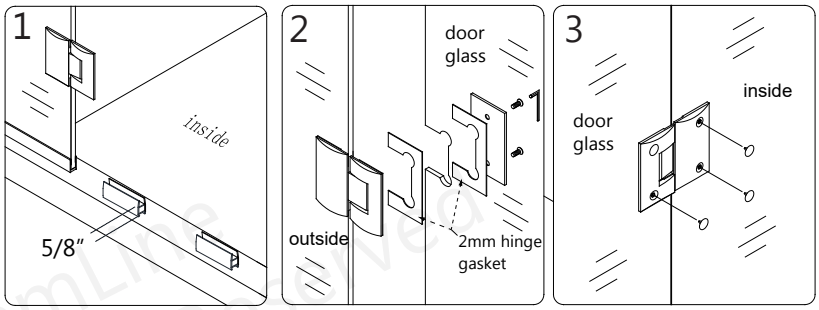
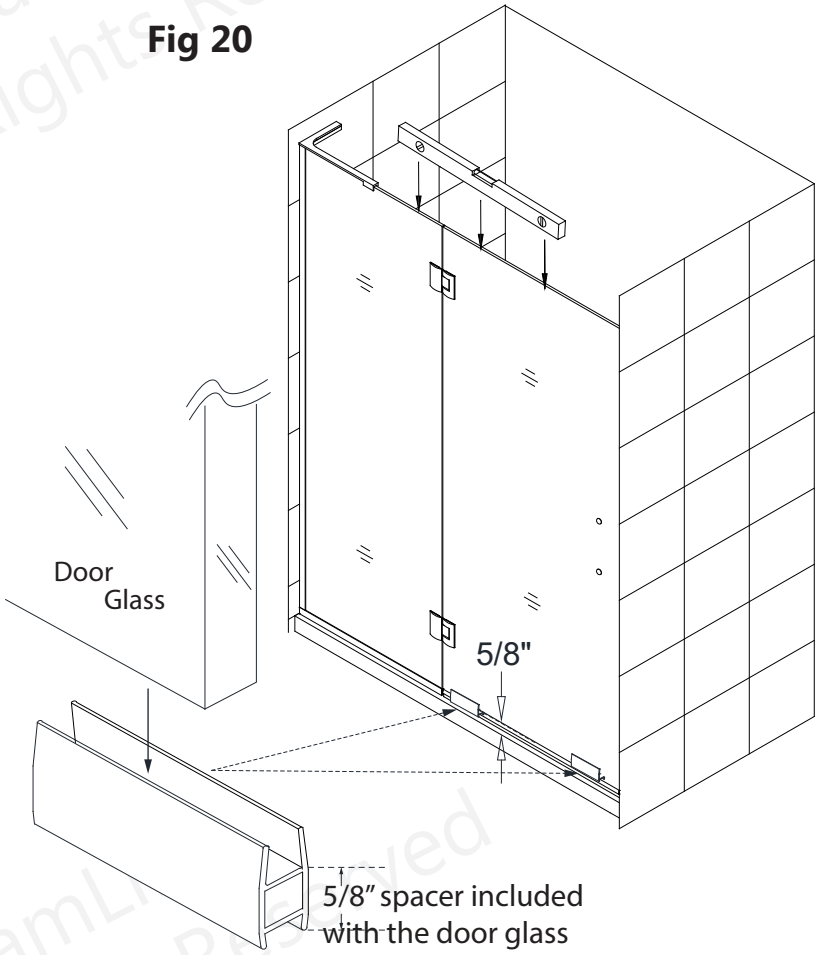


Fig 20

Set the **Door Glass (#01)** with the **5/8" spacers** attached onto the threshold, inline with the **Hinge Panel Glass (#32).**
Level up the **Door Glass (#01)** with the **Hinge Panel Glass (#32)** and fasten the hinges onto the **Door Glass (#01)** using one 2mm hinge gasket per side.
Make sure the top edges of the **Door Glass (#01)** and **Hinge Panel Glass (#32)** are aligned and that there is an even reveal between the door and hinge panel glass. **(Fig 20)**



**** NOTE:** It is strongly recommended that the 5/8" shims be left beneath the door glass until the silicone securing the hinge panel glass has fully cured.

21. Attach the **Handle (#02)** onto the **Glass door (#01).** **(Fig 21)**

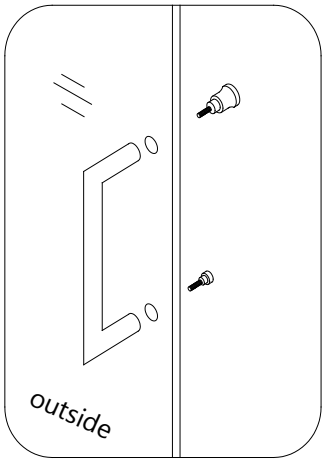


Fig 21

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22. Measure the bottom of the **Door Glass (#01)** from side to side to determine the actual width of the door. Cut the **Bottom Sweep Vinyl (#07)** to the size of your measurement and notch 3/8" of the inner side of the **Bottom Sweep Vinyl (#07)** as shown in **Fig 22.2**.
Press the **Bottom Sweep Vinyl (#07)** onto the bottom edge of the **Glass Door (#01)**.

NOTE: Make sure the **Bottom Sweep Vinyl (#07)** is flush to the vertical edge of the handle side of the **Door Glass (#01)**. **(Fig 22)**

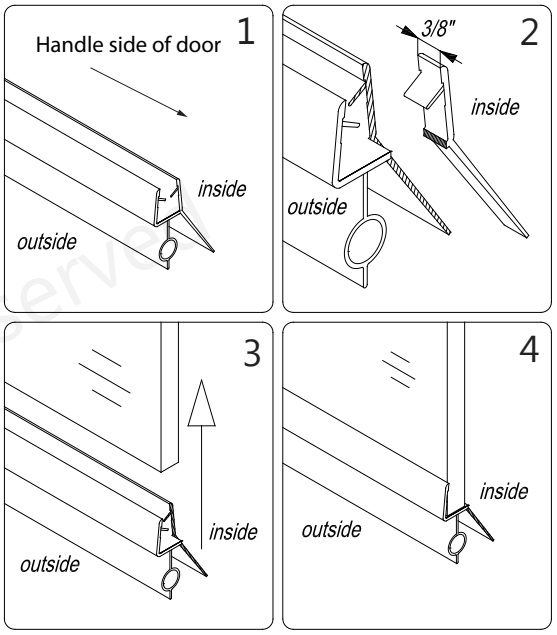

Fig 22

23. To install the **Hinge-Side Vinyl Seal (#33),** take three measurements :
- from the top edge of the **Door Glass (#01)** to the top of the center portion of the top **Hinge (#06)** (see **Fig 23.1** for an example to use for taking all three measurements)
- from the bottom of the center portion of the top Hinge to the top of the center portion of the bottom **Hinge (#05)**
- from the bottom of the center portion of the bottom **Hinge (#05)** to the threshold

Cut the **Hinge-Side Vinyl Seal (#33)** according to these measurements. Notch the cut strips to slide them into the hinges and around the installed **Bottom Sweep Vinyl (#07)** to cover the space between both glass panels. Open the door and press the cut strips onto the vertical edge of the **Door Glass (#01)** so they will overlap the panel glass. **(Fig 23)**

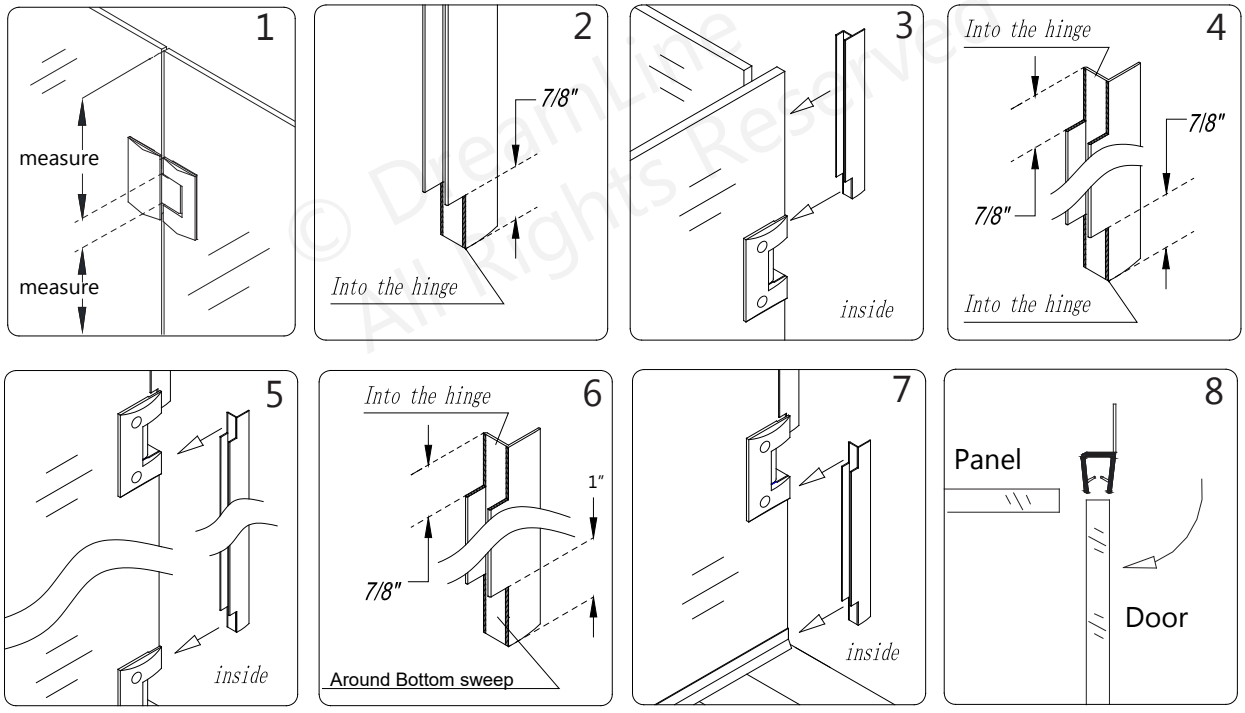

Fig 23

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<u>For Style M only</u>: If your model does not include additional panel glass, proceed to the next step to install the **L-Strike Vinyl w/VHB tape (#08)** to the wall.

NOTE: Before installing the L-strike vinyl, refer to the adjustable hinge instructions on Page 27.

Setting the hinges to overclose must be done BEFORE the L-Strike Vinyl w/VHB tape is installed.

ATTENTION:
Prior to the next step, please be sure the section of the wall where you need to attach the **L-Strike Vinyl w/VHB tape (#08)** is clean, dry, and free from soap, oil or construction debris.

24. With the door closed, place the **L-Strike Vinyl w/VHB tape (#08)** on the door edge and mark its location on the wall.
Please note that the corner of the **L-Strike Vinyl w/VHB tape (#08)** should face into the shower. **(Fig 24a.1 and 24a.2)**
With the door open, remove the tape backing from the adhesive strip and firmly press the **L-Strike Vinyl w/VHB tape (#08)** to the wall.
Allow time for the adhesive to set before allowing the door to close against the **L-Strike Vinyl w/VHB tape (#08). (Fig 24a)**

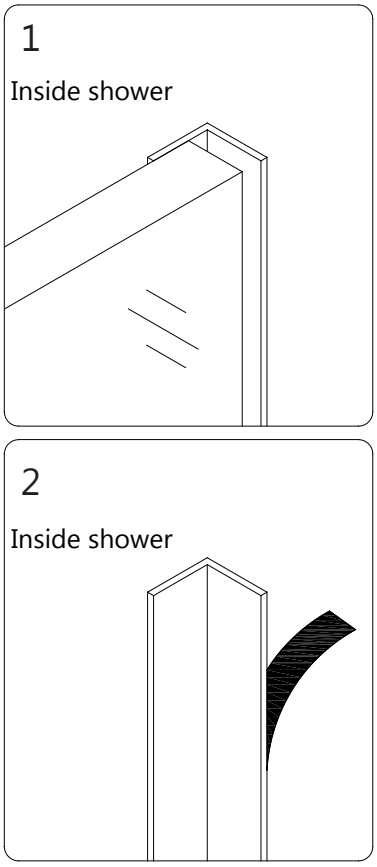

Fig 24a

NOTE:
Hinges set to overclose require the use of the **L-Strike Vinyl w/VHB tape (#08)** or other strike vinyl that ships with the panel glass.
The above procedure for installing the **L-Strike Vinyl w/VHB tape (#08)** is for the **Unidoor Style M** shower door only. When installing another model style, please refer to the separate panel glass installation manual located in the panel glass packaging for model specific instructions.

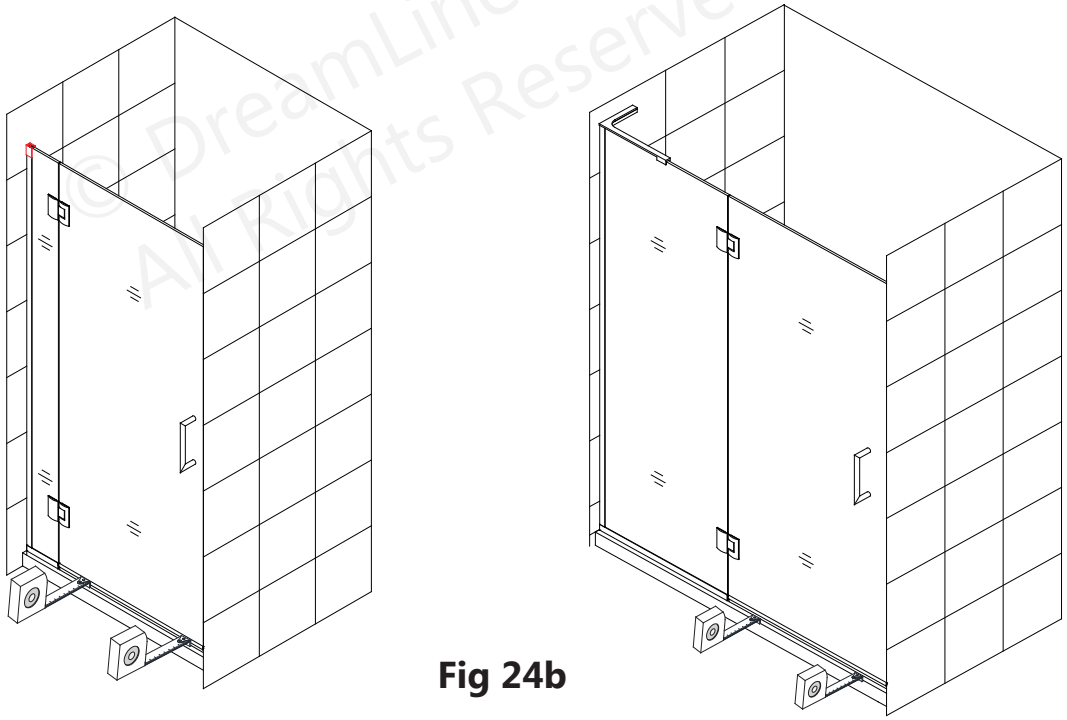

Fig 24b

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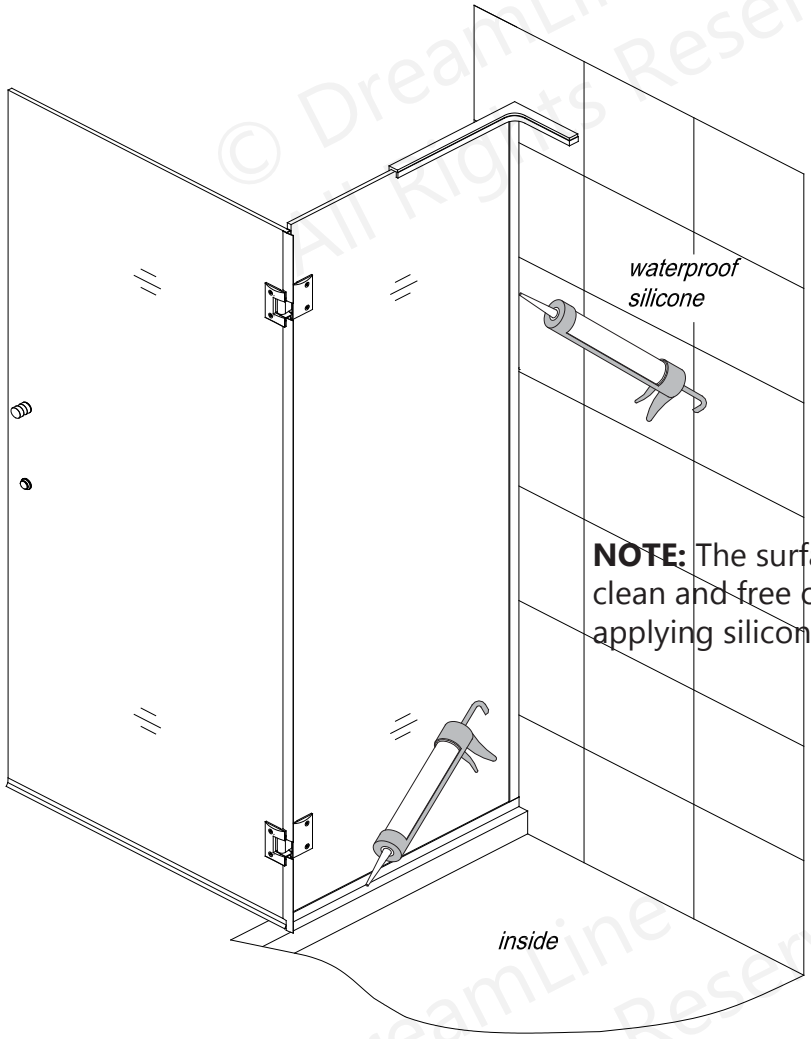
25. Apply a good quality mildew-resistant/waterproof silicone along the connection of both U-Channels to the wall and threshold on the inside of the shower.

Remove the bottom section of the **Hinge-Side Vinyl Seal (#33)** and let the silicone cure before closing the door to avoid contact with the **Hinge-Side Vinyl Seal (#33). (Fig 25)**



NOTE: The surfaces need to be clean and free of debris before applying silicone.

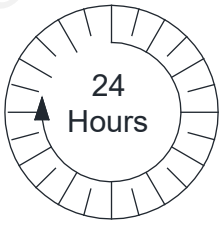


Fig 25

26. Allow 24 hours for the silicone to fully cure before using the shower.

NOTE: If your model includes additional panel glass, locate the manual for the panel glass installation in the panel glass packaging. (See page 4 for details)

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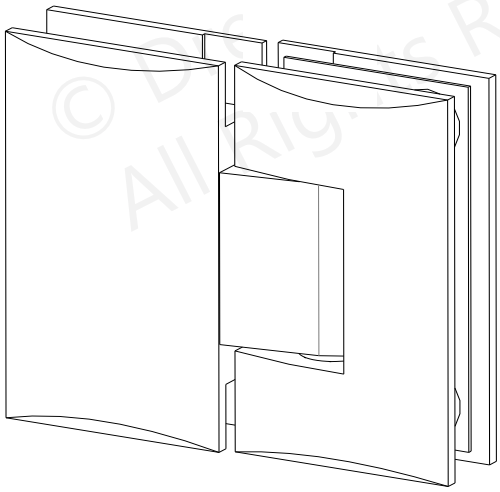
HG-PRS20A Adjustable Hinge Manual



Installation & Adjustment

1.Make sure the door glass is plumb and the edge of the hinge is installed flush with the glass edge. Tighten the faceplate screws. (Figure 1)

2.The hinges are set to overclose at 172° degrees. You can change this angle by using the adjustment screws on the hinge plate. (Figure 2)

3.Use the supplied Allen Key to loosen the adjustment screws on the hinge plate, adjust the door to the desired angle then tighten the adjustment screws. (Figure 3)

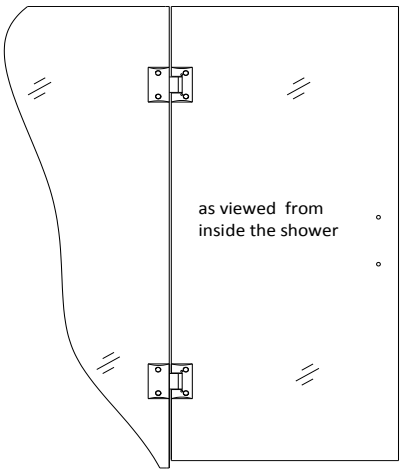


Figure 1

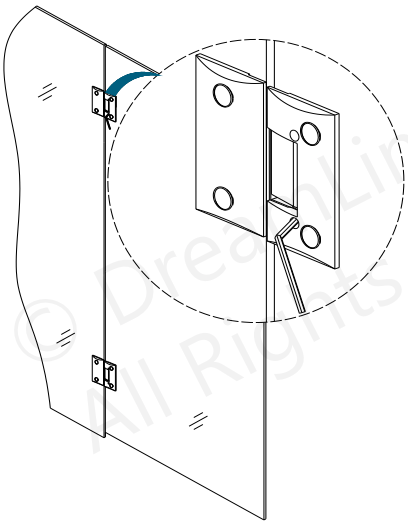


Figure 2

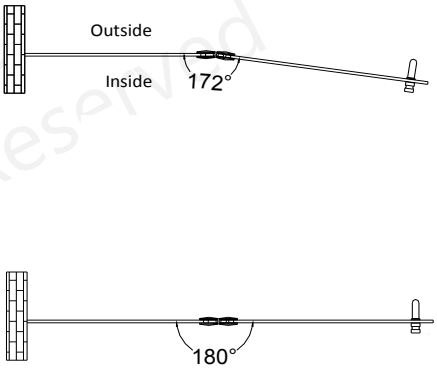


Figure 3

Safe Use & Daily Maintenance

- The overclose setting requires strike vinyl for the door to close against and seal.
- Use a soft cloth to clean the hinge surfaces. Do not use abrasives or acidic liquids as this will damage the finish.
- Be careful not to scratch the finished surfaces of the hinge during installation.

NOTE: Setting the hinges to overclose must be done BEFORE the L-Strike Vinyl w/VHB tape is installed.

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Product Maintenance

BASES and BACKWALLS: To ensure long-lasting life for your acrylic back walls: wipe them off after each use with a soft cloth. To clean the acrylic back walls use non-abrasive sprays or cream based cleaners. Avoid the use of aerosol spray cleaners. Never use abrasive cleansers, metal brushes or scrapers that could scratch or dull the surface.

GLASS: To ensure long-lasting life for your glass shower products: wipe them off after each use with a soft cloth. Rinse and wipe off the glass using either a soft cloth or a squeegee to prevent soap buildup and water spots (Hard water can etch the surface of the glass over time if left to dry). To prevent scratching the surface: never use abrasive cleaners or cleaning products that contain scouring agents. Never use bristle brushes or abrasive sponges that may scratch the surface.

HARDWARE: To ensure a long-lasting finish: wipe off the metal parts after each use with a soft cloth. Do not use abrasive cleaners or cleaning products containing ammonia, bleach or acid. If accidentally used, rinse the surface as soon as possible to prevent damage to the finish (peeling or corrosion). After cleaning the polished finishes, rinse thoroughly and wipe dry with soft cloth.
Clean stainless steel surfaces at least once a week. When applying stainless steel cleaner or polish to stainless steel hardware, work with (not across) the grain. Never use an abrasive sponge or cloth, steel wool or wired brush as these may permanently scratch the surfaces.

NOTE: To maximize the life of your door, it is important to regularly inspect the glass and other hardware for misalignment, proper attachment, and/or damage. Contact DreamLine with any questions or concerns.

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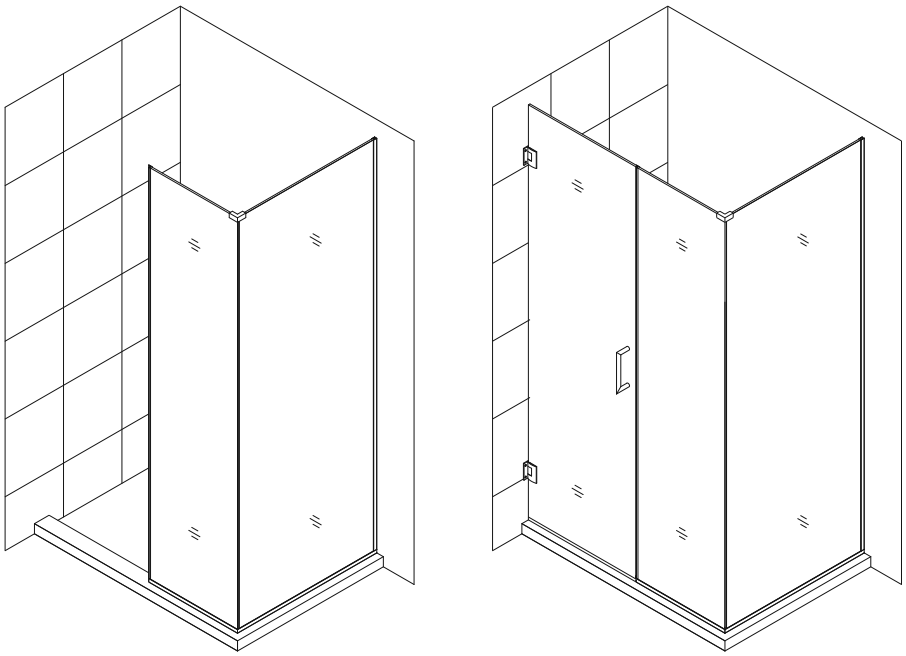
UNIDOOR PLUS (STYLE I)

SHOWER ENCLOSURE GLASS PANEL INSTALLATION INSTRUCTIONS

IMPORTANT

DreamLine® reserves the right to alter, modify or redesign products at any time without prior notice. For the latest up-to-date technical drawings, manuals, warranty information or additional details please refer to your model's web page on **DreamLine.com**



STYLE I

Right side panel installation shown

ATTENTION: This model is also available with the Half Frosted Band glass option. Please see specific installation instructions on page 2 when applicable.

Please read these instructions carefully before installing. If you have any questions regarding installation, please contact our technical support specialists Monday through Friday 8AM – 7PM and Saturday 9AM-5PM EST at Phone: 1-866-731-2244, Fax: 1-866-857-3638 or e-mail our technical support group at Support@DreamLine.com

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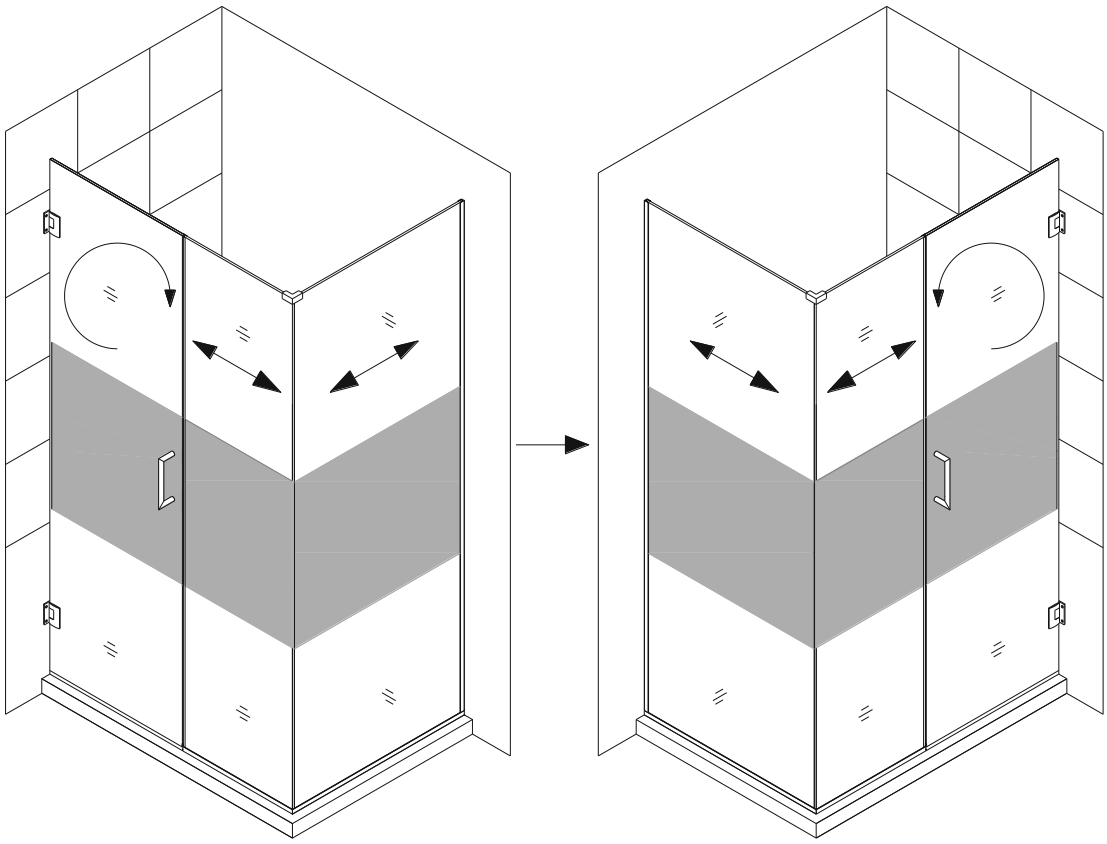
Style "I": Half Frosted Band Glass Installation

This model features the half frosted glass option. Hinged Left installation shown. To install for hinged Right, flip the door and panels to the proper handing.

NOTE: The textured surface of both the stationary glass and door glass should face outside of the shower.



Hinged Left installation

Hinged Right installation

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SHEN-24295340
SHEN-24300300
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SHEN-24600340-HFR

Finishes: -01 Chrome -04 Brushed Nickel -06 Oil Rubbed Bronze -09 Satin Black HFR= Half Frosted Band

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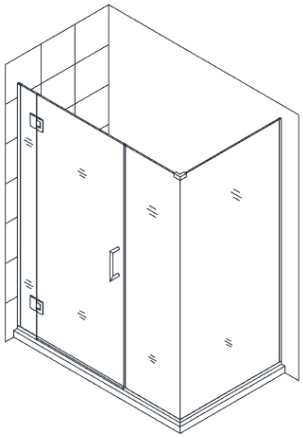
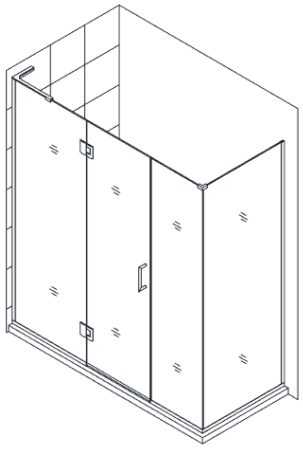
ADDITIONAL MODEL CONFIGURATIONS for UNIDOOR-X GLASS-TO-GLASS HINGE DOORS



Style M3^{6}



Style M3^{24}

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E3300630L
E3300630R
E3300634L
E3300634R

Finishes: -01 Chrome -04 Brushed Nickel -06 Oil Rubbed Bronze -09 Satin Black HFR= Half Frosted Band

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Preparation

1. Prior to installation, examine all boxes and packages for shipping damage and compare the piece count with your packing slip. After opening all boxes and packages read this introduction carefully. Check that all of the needed parts are included in the package by checking off the components on the "Detailed Diagram of Shower Door Components". If the unit has been damaged, has a finishing defect, or has missing parts, please contact our customer support department within **3 business days** of the delivery date. Please note that **DreamLine® will not replace any damaged products or missing parts free of charge after 3 business days or if the product has been installed.** Feel free to contact DreamLine® if you have any questions, and please provide an order number, job name or other proof of purchase to help us identify your original order.

2. **Please note that you should consult your local building codes with questions on installation compliance standards. Building and plumbing codes may vary by location, and DreamLine is not responsible for code compliance standards for your project and will not accept any returns**.

3. If this unit is going to be installed in new construction, please install all of the required plumbing and drainage before installing the shower. **Use a competent and licensed (if required by local code) plumber for all plumbing installation**.
4. Prior to the installation, please ensure that the installation surface is level and solid and will be able to support the total weight of the unit. Also make sure that the walls are plumb. Depending on the type of unit you are installing, some adjustments in leveling may be possible. However, irregular installation, surface level or out of square conditions can result in serious problems for your installation. Please note that some adjustments and drilling may be necessary. Please protect all primary surfaces of the product during installation. **Never set your glass down directly onto a tile floor**. Always use a piece of wood or cardboard to protect the bottom edge and corners of the glass.
5. **Note: The installation of this unit requires that you drill down into the threshold.**
6. **This model requires a minimum 5/8" of flat threshold space for installation.**
7. **This model has 1/2" of adjustment within the u-channel on the stationary panel side for out-of-plumb wall conditions and overall width within the model size. Confirm the finished opening conditions before proceeding with the installation.**
8. **Professional installation recommended.**

NOTE: This model is reversible for left or right hand installation. This manual will show the right side panel installation. For a left side panel installation, simply begin on the opposite wall and reverse the orientation of the parts as necessary.

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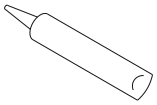
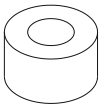
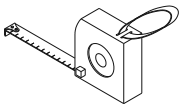
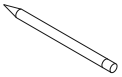
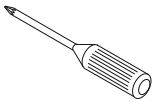
Tools Required

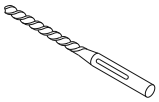

Caulk


Painters Tape


Tape Measure


Pencil


Phillips Screwdriver


Drill bit (Ø=5/16")

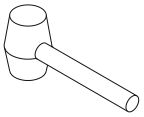
Drill bit (Ø=1/8")

Level

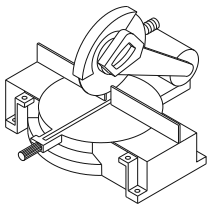
Caulk Gun

Electric Drill

Hammer


Mallet

Wood


Miter saw

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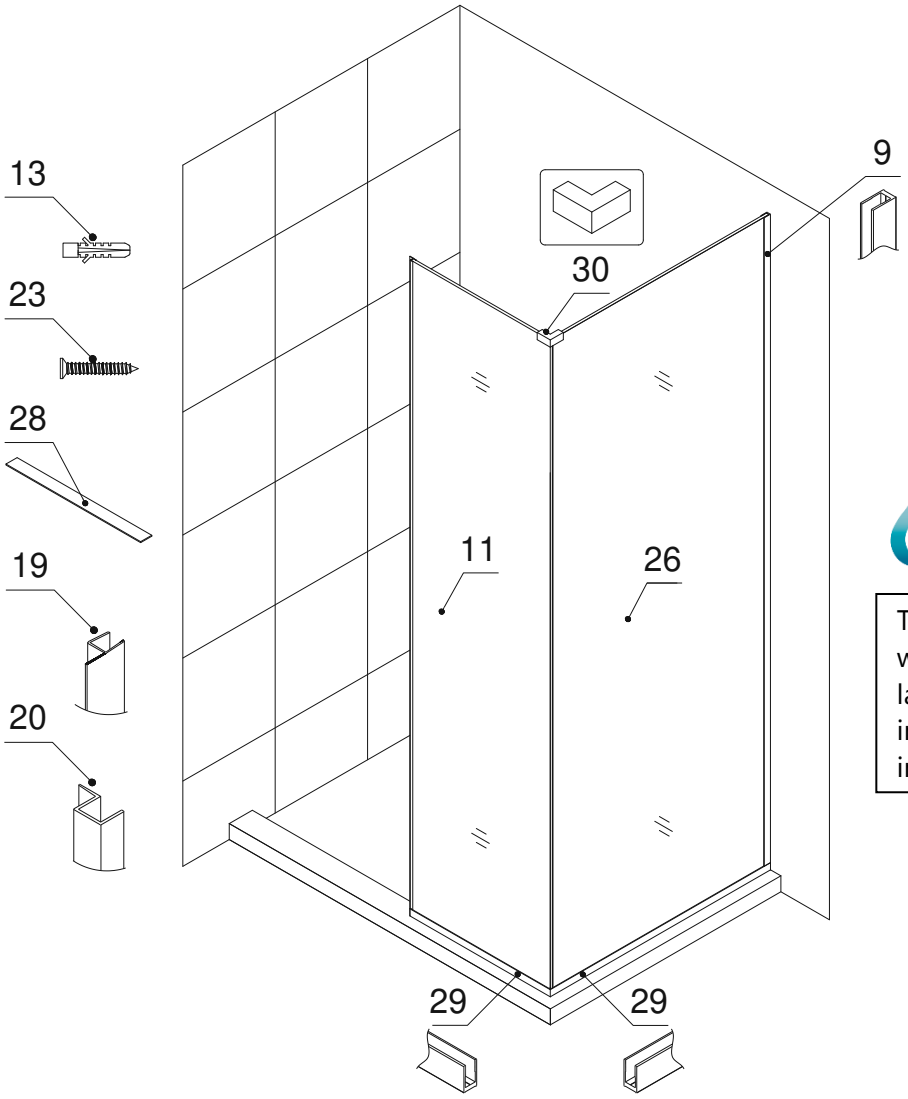
Detailed Diagram of Glass Panel Components



The glass surface with the **ClearMax™** label must be installed to face inside of the shower

Packing List

09	U-channel 1 (76”, wall profile)	1pc	23	Countersunk screw ST4.2x40	14pcs
11	Stationary glass	1pc	26	Return panel glass	1pc
13	Ø5/16” Wall anchor	14pcs	28	Adjustment Spacer	6pcs
19	Anti-Water strip (inline panel)	1pc	29	U-channel 2 (44”, bottom profile)	2pcs
20	Anti-Water strip (enclosure) *	1pc	30	90° Corner Bracket	1pc

NOTE: Unpack your unit carefully and inspect it. Lay it out and identify all parts using the detailed diagram and packing list in your manual as a reference. Before discarding the carton, check for small hardware bags that may have fallen to the bottom of the box. If any parts are damaged or missing, please contact DreamLine® for replacement. The shipping boxes may contain extra parts not used in your model configuration.

NOTE: Retain these installation instructions for future reference.

*** ATTENTION: Anti-Water strip (enclosure) (20) used for 30”- 34” return stationary panel Installation (STYLE L) only.**

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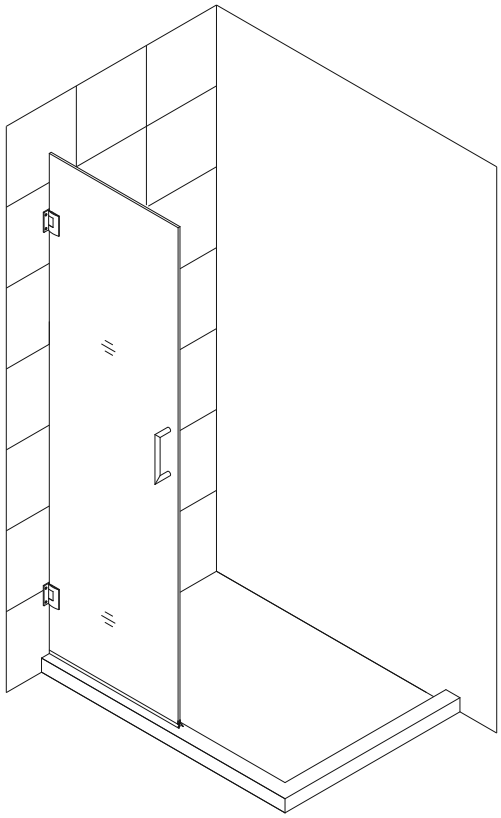
Style "I": In-Line Panel with 30"-34" Return Panel Installation

NOTE: The Unidoor shower door needs to be installed prior to proceeding with the following Stationary and Return Glass installation instructions. Please see the Single Shower Door installation manual included in the door packaging for complete shower door installation instructions. Before you begin the installation, please recheck your shower opening size. Specific size information can be found using the "SKU TO GLASS SIZE GUIDE" below.

NOTE: The installation of this enclosure requires two installers.

NOTE: Use parts from "Detailed Diagram of Glass Panel Components" for the glass panel assembly and installation.



1. Please locate and record the SKU numbers found on the packaging of both glass panels and door. You will specifically need all **Product Width** values to calculate your Shower Enclosure size.

SKU TO GLASS SIZE GUIDE

Product Width	Product Height
22"	72"

SHDR-GL2402-227210-HFR

Product Line	Glass	Model	Product Thickness	Glass Type
SHEN Shower Enclosure **SHDR** Shower & Tub Door			10mm	**No Code** Clear **FR** Frosted **HFR** Frosted Band

Example
SHDR-GL2402-227210-HFR Unidoor Plus Shower Door Glass Panel 22" x 72" x 10mm. Half-Frosted Band.

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2. Please mark measurement lines on the wall and threshold for the **Glass Door** and **U-channel** according to the size of your model.
   You will need to use the **Product Width** values determined in step #1 in Size Table A. **Please Note** that these dimensions are nominal dimensions and not actual glass sizes.

   NOTE: M and L dimensions are from the finished wall to the outside of the U-channel as shown in Fig. 1.

M =	Door	+	Panel	-	1/8"
L =	Return Panel			+	7/16"

Size Table A

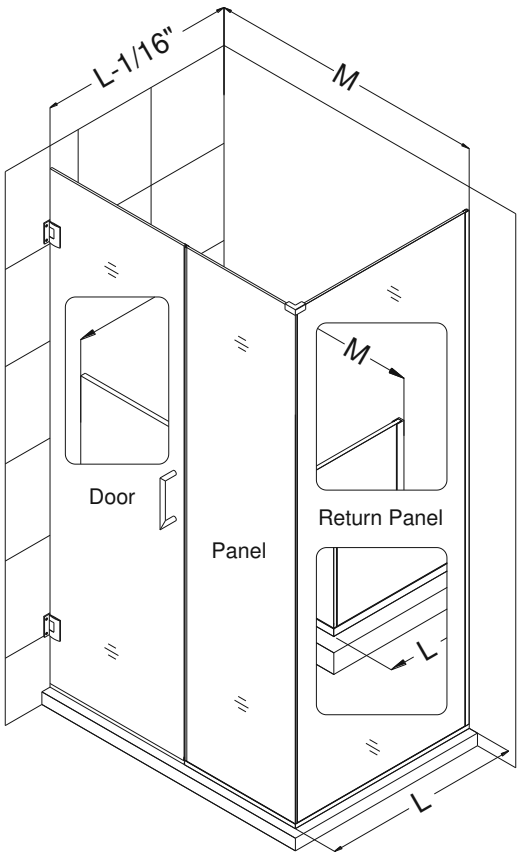

Fig. 1

NOTE: The Unidoor hinge is factory set to over close 8°. The following procedure is recommended to ensure proper alignment of the panel glass and door.

3. Align the **Door** so that it is perpendicular to the wall and parallel to the threshold. Measure across the bottom span of the **Door** and threshold on the outside of shower and determine an equal value.
   Mark a line on the threshold base on the handle side to assist with aligning the inline panel glass.

   See Fig. 2 for details.

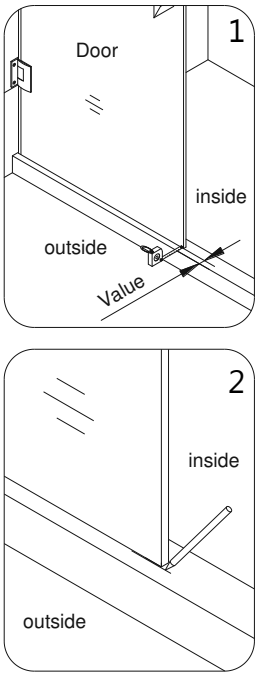

Fig. 2

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4. Measure the actual width of your **Return panel glass (26)** panel.

   <u>NOTE</u>: You will be doing straight and 45° cuts for this enclosure installation.

   ***All 45° cuts are from the outside dimension. (tip to tip)**

   ***It may be necessary to remove any burrs from the cut end of the U-channels with a metal file before placing the U-channel onto the glass.**

   Use a miter saw to <u>rough</u> straight cut one of the **U-channel 2 (44", bottom profiles) (29)** to the actual width of the glass (+) 1-1/4".

   See Fig. 3 & 4 for details.

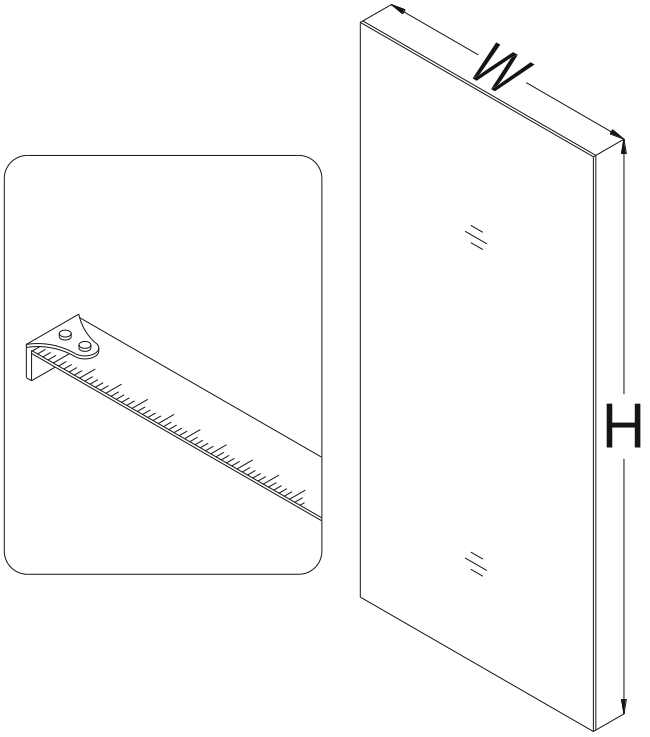

Fig. 3

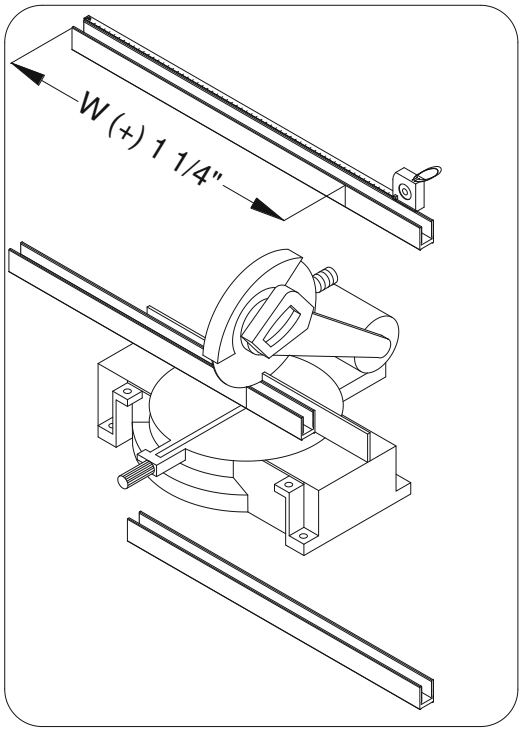

Fig. 4

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5. Slip the cut **U-channel 2 (44", bottom profile) (29)** and uncut **U-channel 1 (76", wall profile) (09)** onto the **Return panel glass (26)** in the shown locations.
   Insert three to four 2" pieces of the **Adjustment spacer (#28)** into the **bottom u-channel (#29)** as necessary to level the panel glass. (Fig.5.1)
   With the door open, place the **Return panel glass** on the threshold adjacent to door and in line with the wall mark. Adjust the **Return panel glass** and **U-channel 1 (wall profile)** against the wall to compensate for any out of plumb conditions ensuring that the **Return panel glass** is level vertically and **U-channel 1** is flush with the wall.
   Mark the **U-channel 2 (bottom profile)** end opposite of the wall at the exposed vertical glass edge.
   Remove the **U-channel 2 (bottom profile).** Leave the **U-channel 1 (wall profile)** on the **Return panel glass.** Set the **Return panel glass** aside.
   Cut the **U-channel 2 (bottom profile)** 45° to the mark (+) 1/2". The end facing the wall will remain straight.
   Slip the **U-channel 2 (bottom profile)** back onto the **Return panel glass** and set the **Return panel glass** aside.
   See Fig. 5 for details.

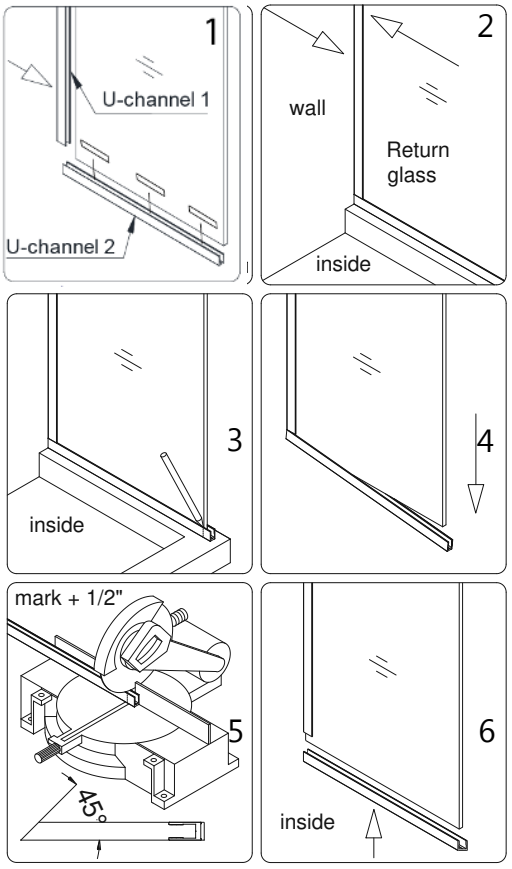

Fig. 5

6. Measure the actual width of your **Stationary glass (11)** panel.

   Use a miter saw to cut the second **U-channel 2 (44", bottom profile) (29)** 45° to the actual width of the glass (+) 1/16".

   See Fig. 6 & 7 for details.

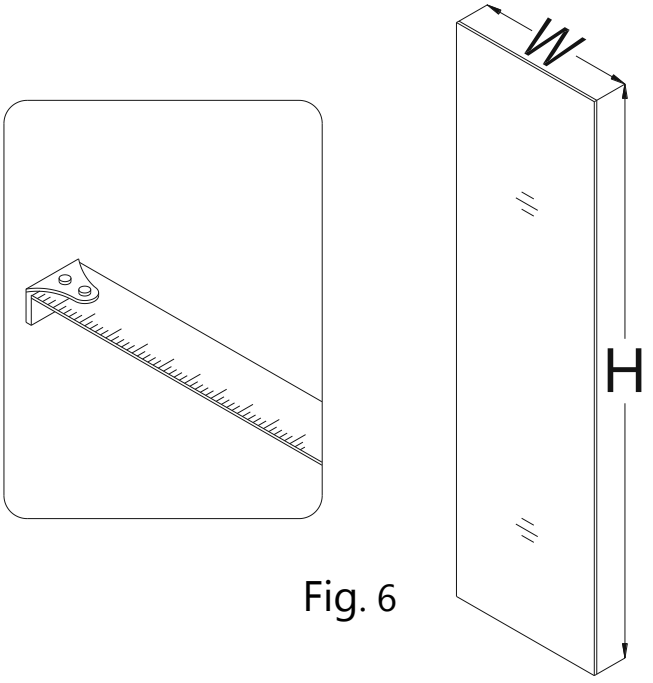

Fig. 6

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NOTE: The top of the Enclosure glass must be level with the Glass door. By using a level across the top of both the In-line **Stationary panel glass (11)** and door, height differences can be measured. The **Adjustment spacers (28)** are provided for the **Return panel glass (26)** only to compensate for such differences by inserting them into the **U-Channel 2 (bottom profile) (29).** Please use the correct spacer size that is needed for your situation.

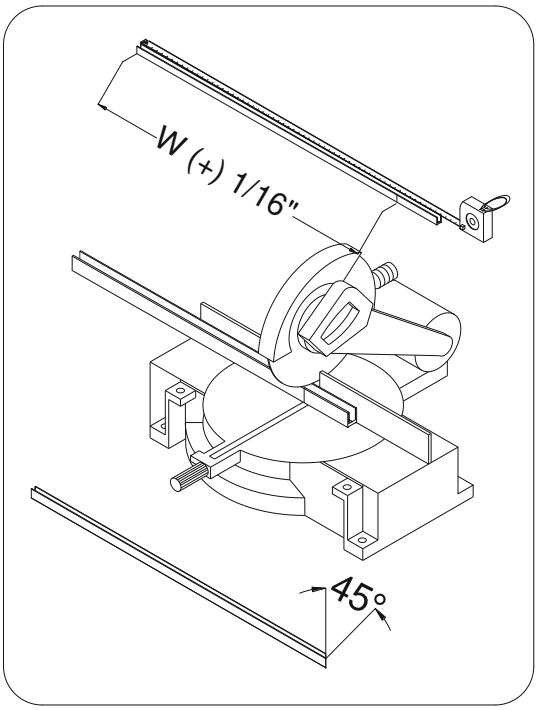

Fig. 7

7. Slip the **U-channel 2 (44", bottom profile) (29)** onto the **Stationary glass (11)** and ensure that the straight end of the **U-channel 2** is flush with the vertical glass edge.
   Press the **Anti-Water strip (inline panel) (19)** onto the vertical edge of the **Stationary glass** allowing the base of the **strip** to rest on top of the **U-channel**.
   Carefully butt the **Stationary glass** and **Return panel glass (26)** together to form a tight corner from bottom to top. The **Stationary glass** will be in front of the **Return panel glass**.
   While securely holding the two **glass panels**, attach the **90° Corner Bracket (30)** to the top corner. Ensure that the **90° Corner Bracket** is square and gaskets are aligned properly before tightening the glass holding screws.
   Temporarily secure the bottom corner of the **glass panels** with a generous strip of **Painters tape.**

   See Fig. 8 & 9 for details.

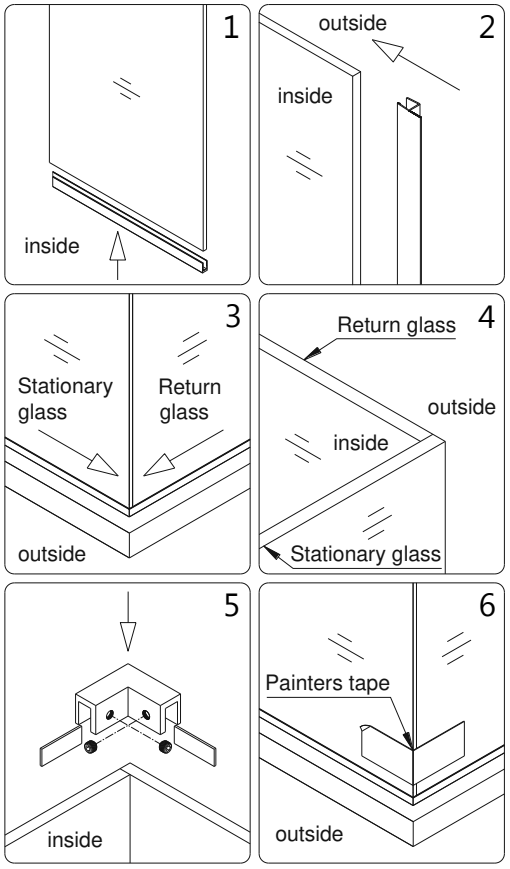

Fig. 8

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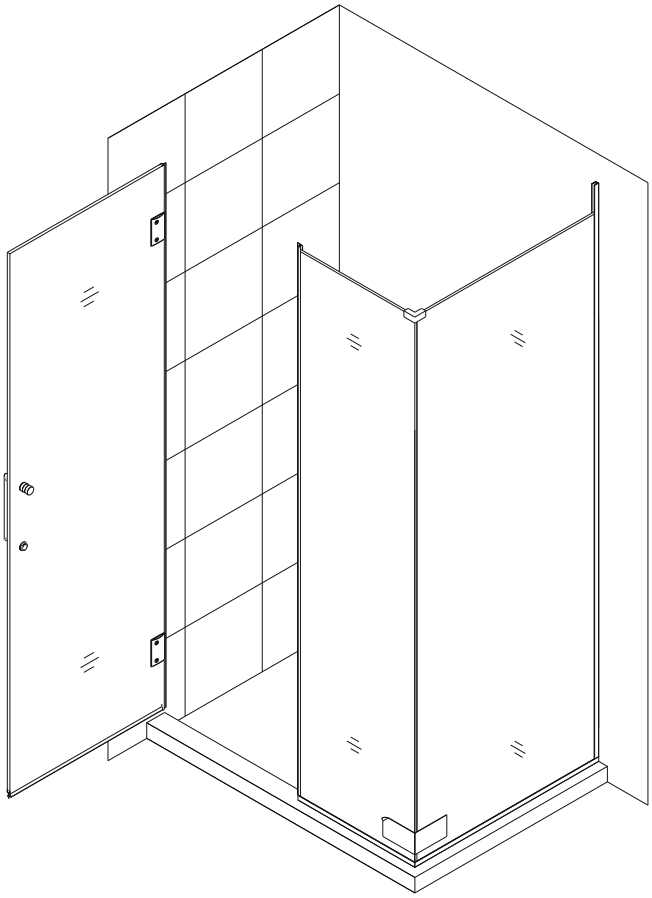

Fig. 9

<u>NOTE:</u> The next step involves careful handling of the glass panels that were just temporarily fixed together to determine a custom fit measurement unique to your installation. It is essential that two installers be used along with responsive communication.

8. Carefully butt the **Return panel glass (26)** up against the wall vertically according to the **M** value stated in Size Table A on page 5. Intermittently use a level throughout these steps to ensure that this glass enclosure is leveled properly.
   While securely holding the **glass panels,** close the **Glass Door** and align the **Stationary glass (11)** to it. Use the door mark on the threshold as a reference to ensure that the **Door** is perpendicular to the wall.
   If needed, adjust the position of the **Stationary glass** and **Return panel glass** so that the **Anti-Water strip (inline panel) (19)** makes tight contact to the **Glass Door** from top to bottom. The **U-channel 1 (wall profile) (09)** will remain flush against the wall.
   Outline the position of the **glass panels** along the inside bottom edge of all **U-channels** on the threshold and wall.
   Mark the **U-channel 1 (wall profile) (09)** at the top horizontal glass edge.

   See Fig. 10 for details.

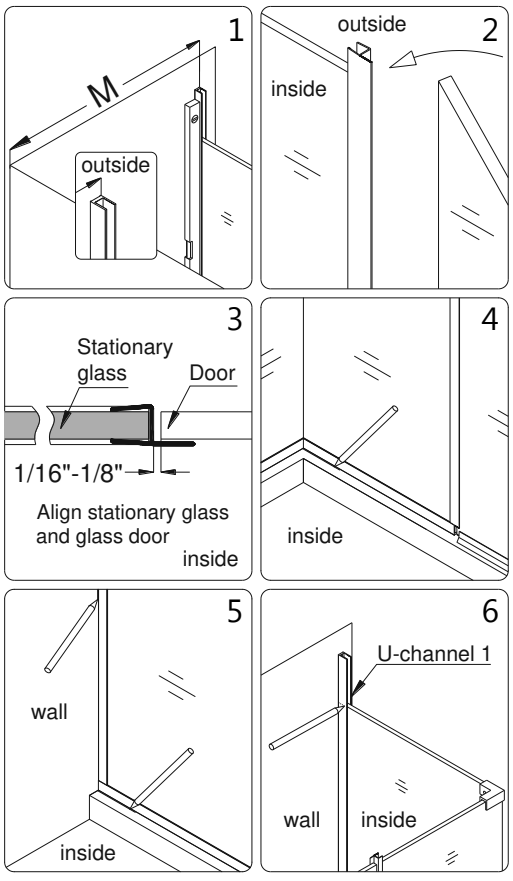

Fig. 10

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9. Carefully disassemble the panels for the next steps.

   See Fig. 11 for details.

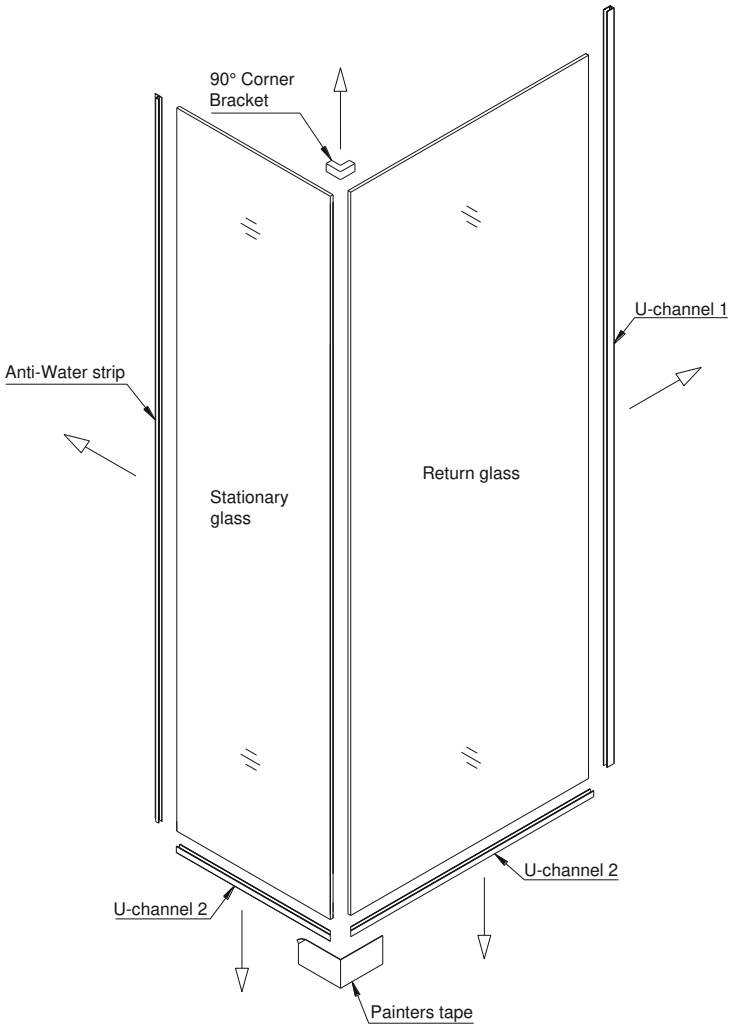

Fig. 11

10. Place the **U-Channel 2 (bottom profile) (29)** for the **Return panel glass (26)** onto the threshold base in line with the inside threshold mark.

    Mark the drill holes on the threshold through the predrilled holes in the **U-Channel 2** and drill the holes using **Ø1/8" drill bit.**

    Apply waterproof silicone along the bottom surface and around the holes of the **U-Channel 2** and fasten it to the base with the **Countersunk screws ST4.2×40 (23)**.

    NOTE: The surface needs to be clean and free of debris before applying silicone.

    See Fig. 12 & 13 for details.

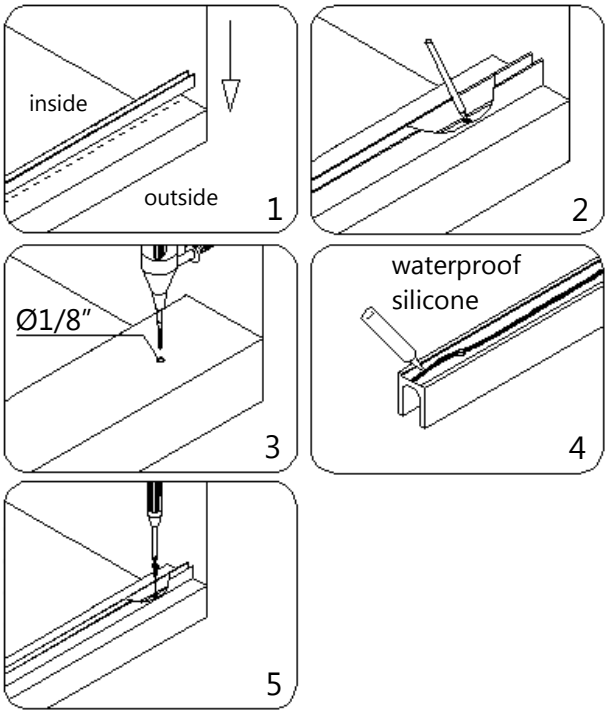

Fig. 12

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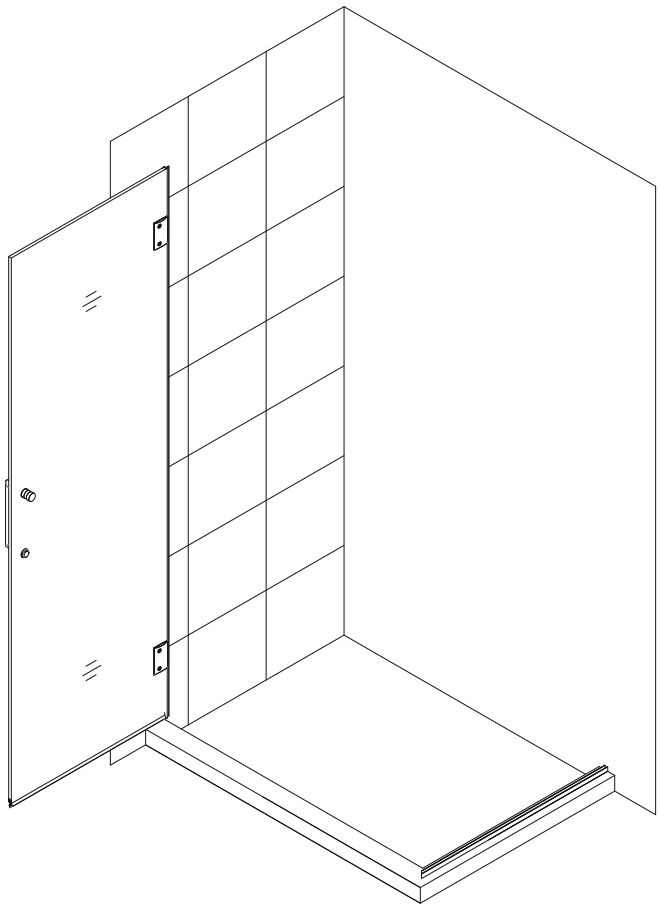

Fig. 13

11. Straight cut the **U-channel 1 (76", wall profile) (09)** at the top mark that was made in step #8.

    Place the **U-Channel 1 (wall profile)** on the **U-Channel 2 (bottom profile) (29)** and align vertically with the inside wall mark.

    Mark the drill holes on the wall through the predrilled holes in the **U-Channel 1**.

    Now drill holes in the wall using **Ø5/16 drill bit** and insert the **Ø5/16" Wall anchors (13)**.

    See Fig. 14 for details.

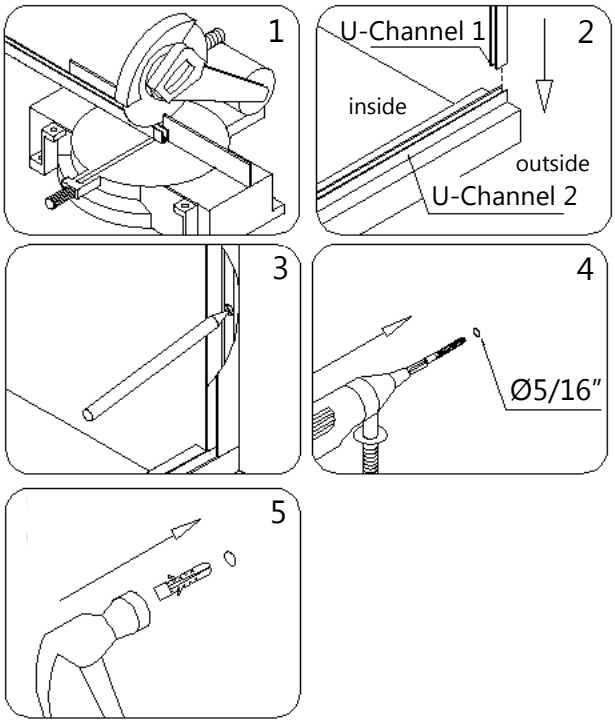

Fig. 14

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12. Apply waterproof silicone along the bottom surface and around the holes of the **U-Channel 1 (76", wall profile) (09)**.

    Fasten the **U-Channel 1** to the wall with the **Countersunk screw ST4.2x40 (23)**.

    Insert the provided 2" pieces of the **Adjustment Spacers (28)** into **U-Channel 2 (bottom profile) (29)** for minor adjustments if necessary.

    Apply Waterproof silicone into the groove of both **U-Channels**.

    See Fig. 15 & 16 for details

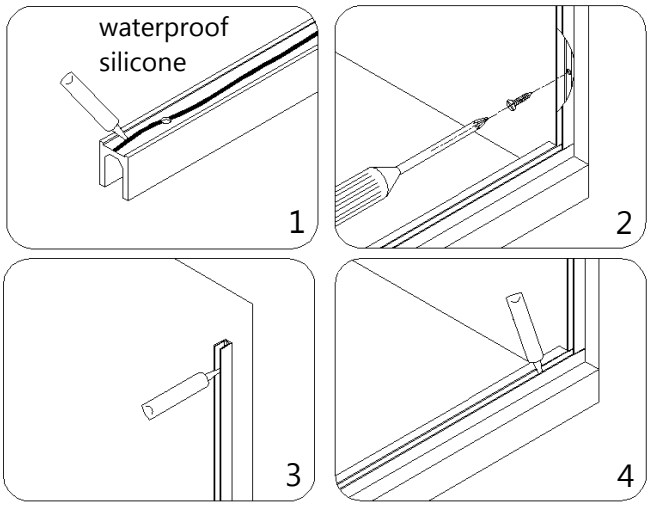

Fig. 15

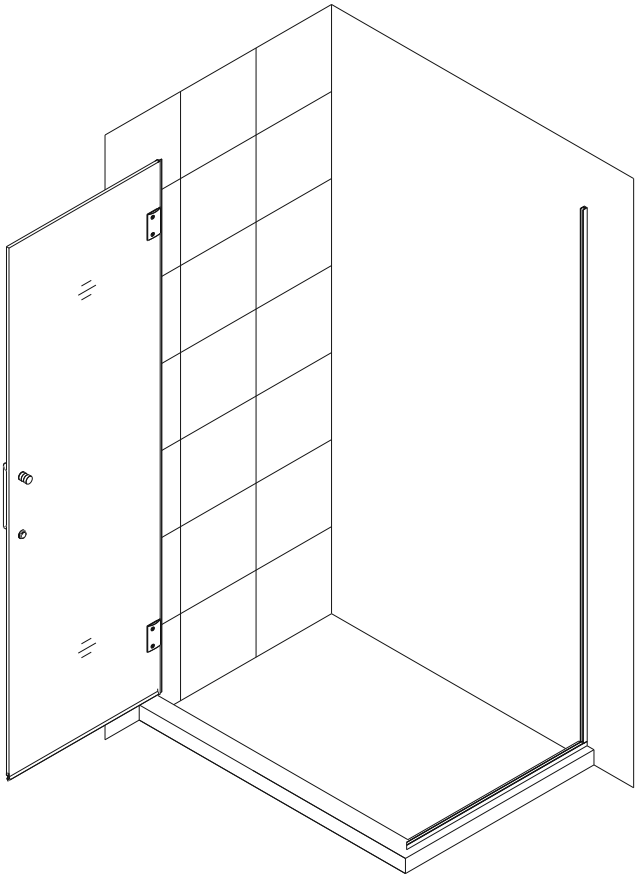

Fig. 16

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13. Slide the **Return panel glass (26)** into the groove of both **U-Channels**.

NOTE:

If you have difficulty sliding the **Return panel glass** into the **U-Channels**, you can slightly tap on the **Return panel glass** with a rubber mallet and a piece of wood.

See fig. 17 & 18 for details.

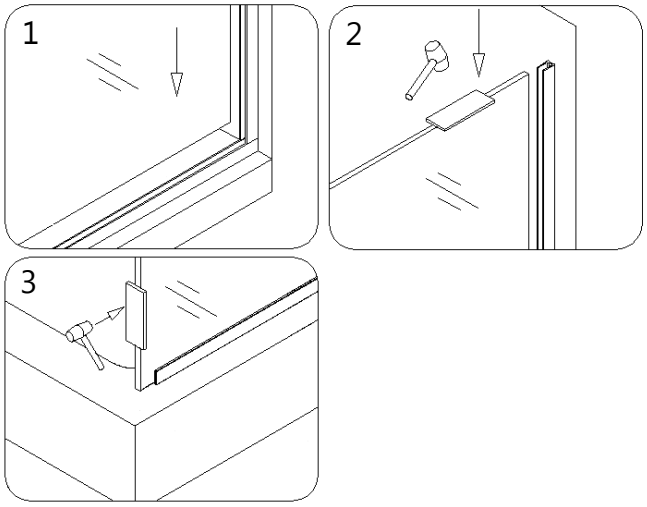
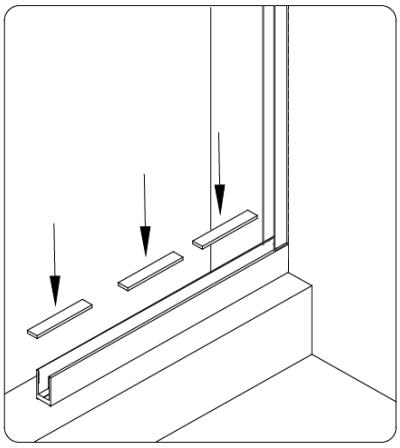


Fig. 17



Use Adjustment spacers (#28)
as necessary to level your glass

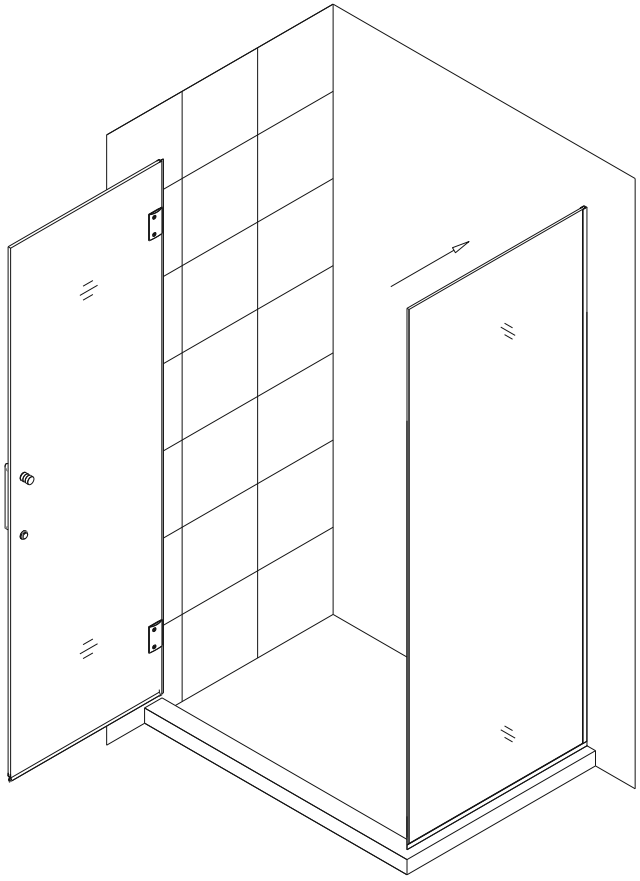


Fig. 18

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14. Place the **U-Channel 2 (bottom profile) (29)** for the **Stationary glass (11)** onto the threshold base in line with the inside threshold mark and flush with 45° corner cut.

    Mark the drill holes on the threshold through the predrilled holes in the **U-Channel 2** and drill the holes using **Ø1/8" drill bit.**

    Apply waterproof silicone along the bottom surface and around the holes of the **U- Channel 2** and fasten it to the base with the **Countersunk screws ST4.2×40 (23)**.

    NOTE: The surface needs to be clean and free of debris before applying silicone.

    See Fig. 19 & 20 for details.

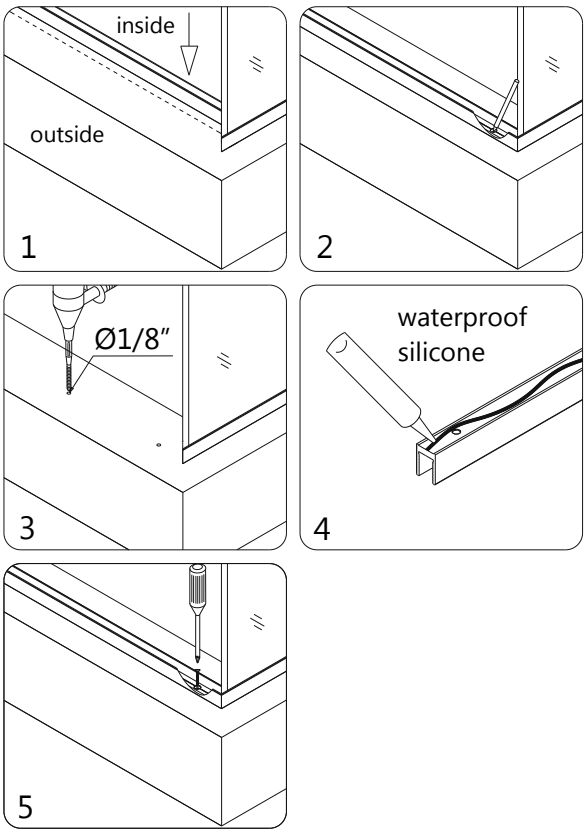

Fig. 19

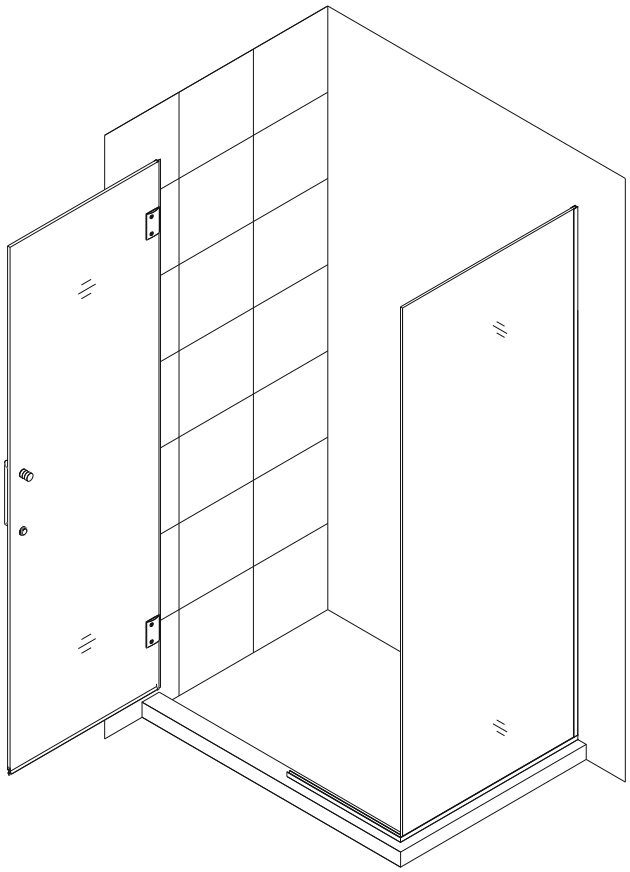

Fig. 20

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15. Apply Waterproof silicone into the groove of the **U-Channel 2 (bottom profile) (29)** and sparingly along the vertical edge of the **Return panel glass (26)**.

    See Fig. 21 & 22 for details.

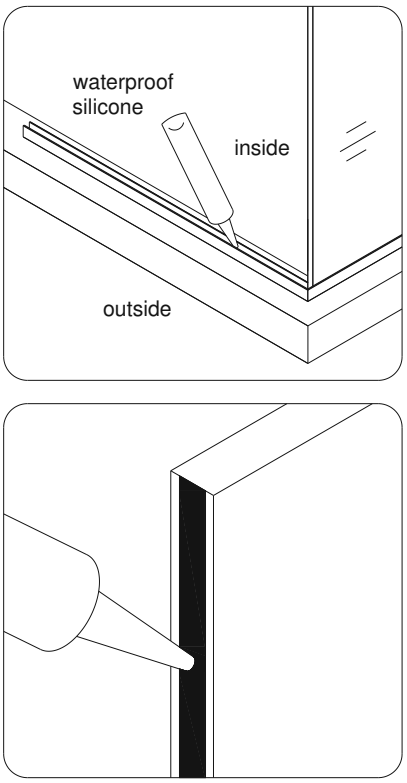

Fig. 21

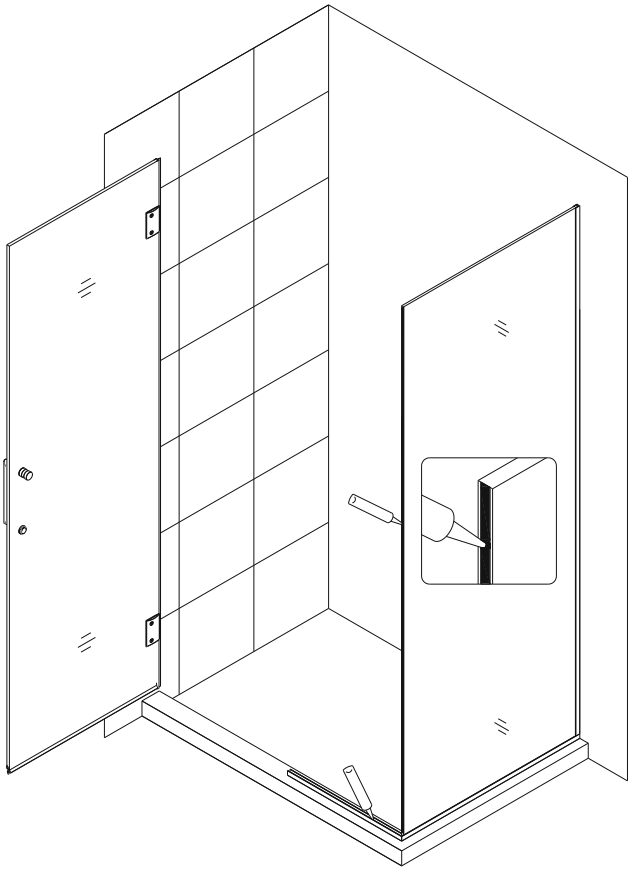

Fig. 22

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16. Slide the **Stationary glass (11)** into the groove of the **U-Channel**. Make sure the vertical edge of the **Stationary glass** is flush with outer face of the **Return panel glass (26)** at the corner.

    Apply a bead of silicone on the open end of the **U-Channel**, and its connection.

    NOTE:

    If you have difficulty sliding the **Stationary glass** into the **U-Channel**, you can slightly tap on the **Stationary glass** with a rubber mallet and a piece of wood.

    See fig. 23 & 24 for details.

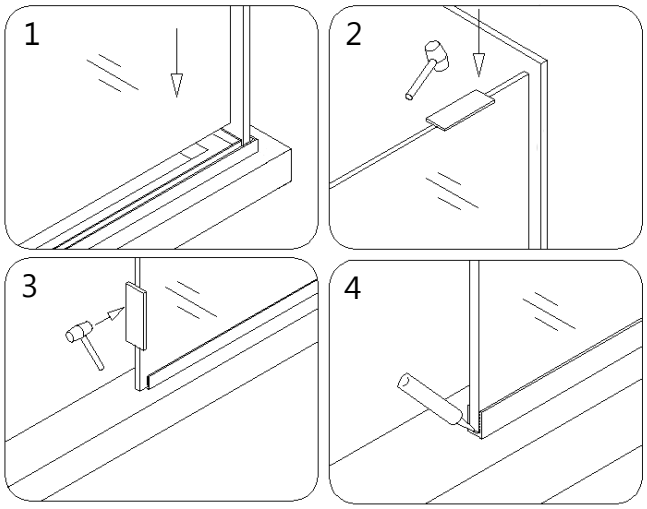

Fig. 23

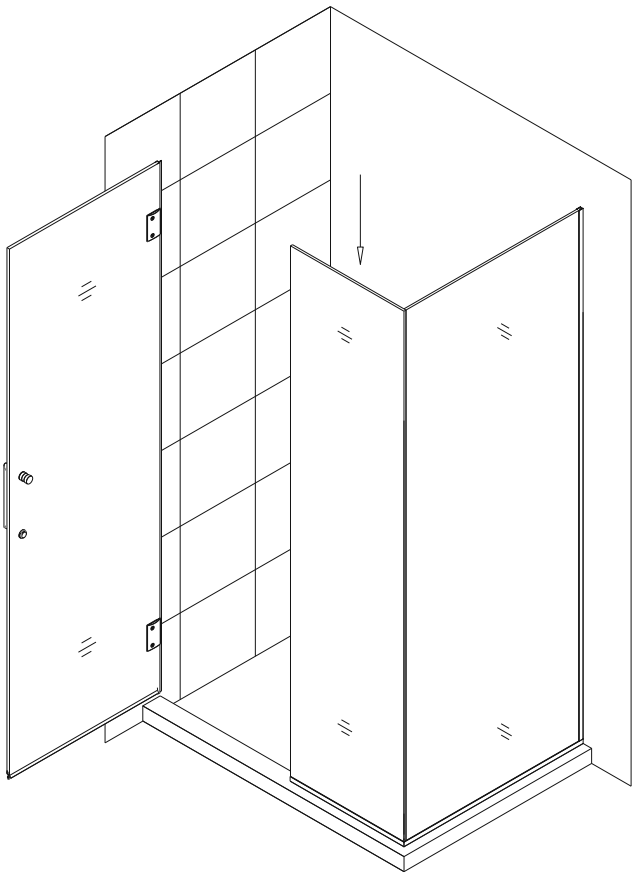

Fig. 24

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17. Attach the **90° Corner Bracket (30)** to the top corner of both **glass panels**. Ensure that the **90° Corner Bracket** is square and gaskets are aligned properly before tightening the glass holding screws.
    Temporarily secure the corner of the **glass panels** with several generous strips of **Painters tape** to keep the corner tight until the silicone cures.

    See fig. 25 & 26 for details.

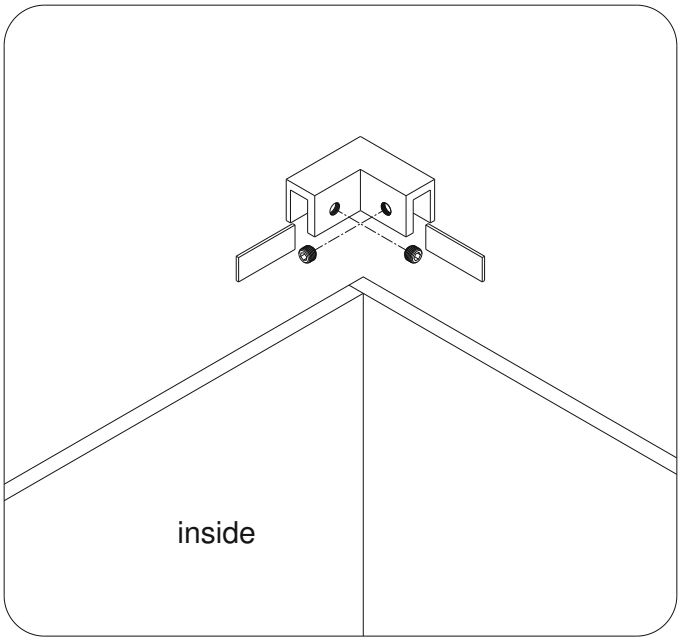

Fig. 25

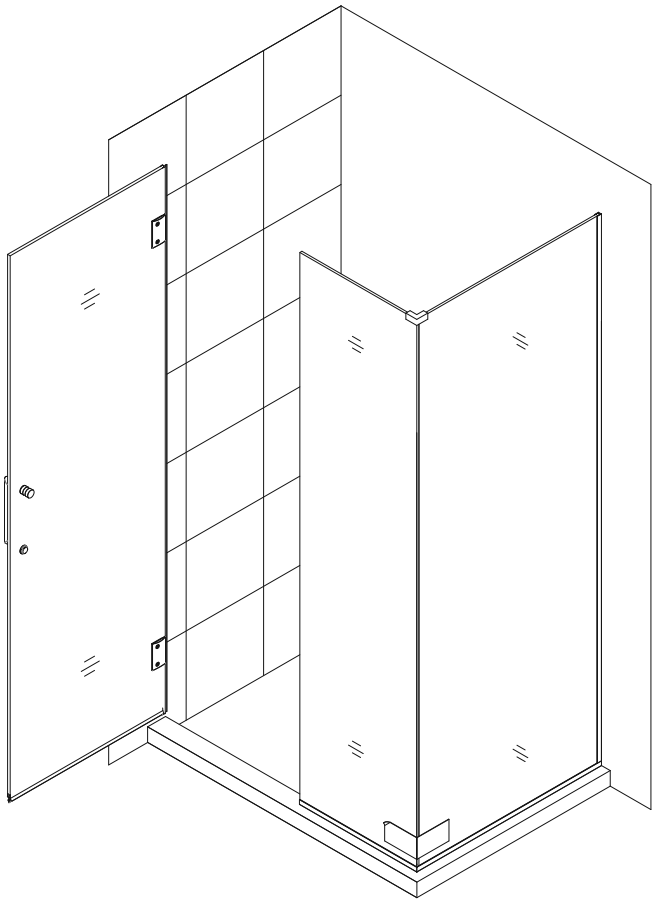

Fig. 26

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18. Apply waterproof silicone along the connection of all **U-Channels** to the wall and threshold on the inside of shower. Carefully apply an even bead of silicone down the inside corner of the **glass panels**.

    See Fig. 27 & 28 for details.

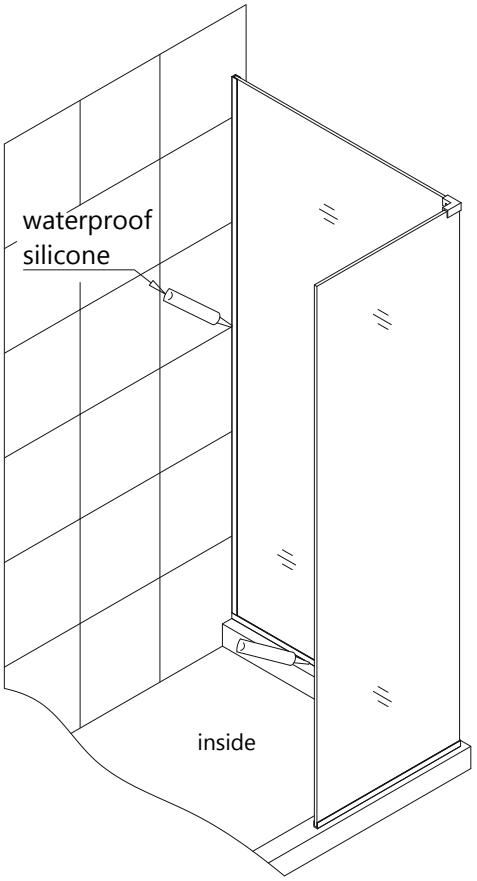

Fig. 27

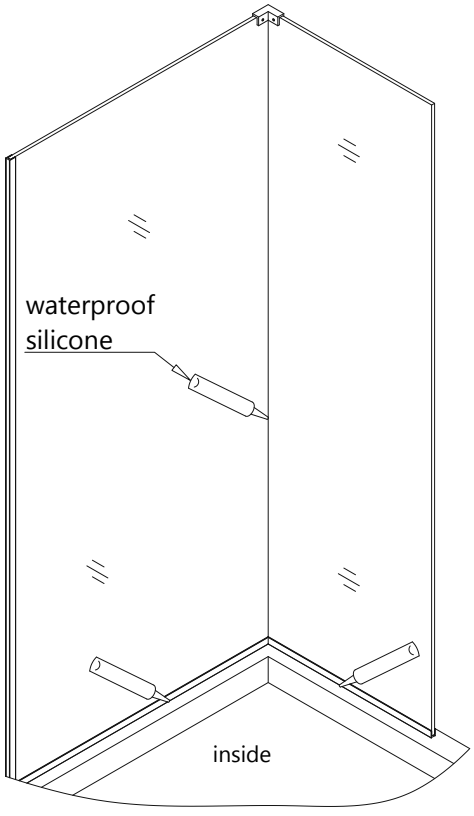

Fig. 28

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19. Notch the **Anti-Water strip (inline panel) (19)** 1" at the base to fit around bottom **U-channel**. Press the **Anti-Water strip** onto the vertical edge of the **Stationary glass (11)**.

    See Fig. 29 for details.

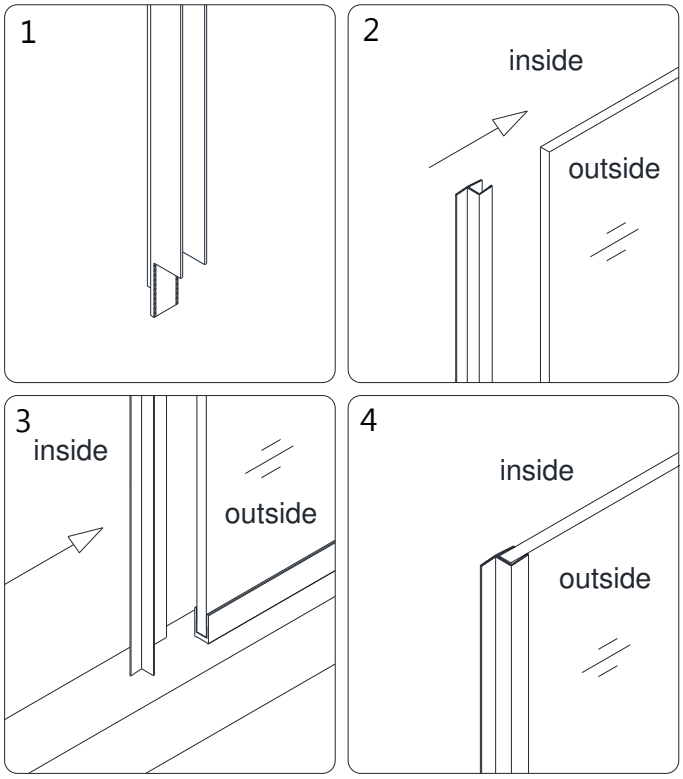

Fig. 29

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Product Maintenance

BASES and BACKWALLS: To ensure long lasting life for your acrylic back walls: wipe them off after each use with a soft cloth. To clean the acrylic back walls use non-abrasive sprays or cream based cleaners. Avoid the use of aerosol spray cleaners. Never use abrasive cleansers, metal brushes or scrapers that could scratch or dull the surface.

GLASS: To ensure long lasting life for your glass shower products: wipe them off after each use with a soft cloth. Rinse and wipe off the glass using either a soft cloth or a squeegee to prevent soap buildup and water spots (Hard water can etch the surface of the glass over time if left to dry). To prevent scratching the surface: never use abrasive cleaners or cleaning products that contain scouring agents. Never use bristle brushes or abrasive sponges that may scratch the surface.

HARDWARE: To ensure a long lasting finish: wipe off the metal parts after each use with a soft cloth. Do not use abrasive cleaners or cleaning products containing ammonia, bleach or acid. If accidentally used, rinse the surface as soon as possible to prevent damage to the finish (peeling or corrosion). After cleaning the polished finishes, rinse thoroughly and wipe dry with soft cloth. Clean stainless steel surfaces at least once a week. When applying stainless steel cleaner or polish to stainless steel hardware, work with (not across) the grain. Never use an abrasive sponge or cloth, steel wool or wired brush as these may permanently scratch the surfaces.

NOTE: To maximize the life of your door, it is important to regularly inspect the glass and other hardware for misalignment, proper attachment, and/or damage. Contact DreamLine with any questions or concerns.

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