HMI
INNOVATORS IN GLASS

CLASSIC SEMI-FRAMELESS
BYPASS TUB/SHOWER ENCLOSURE
TE4/SE4

INSTALLATION INSTRUCTIONS

PARTS LIST

ITEM	PART	DESCRIPTION	QTY
1	ZTE-1203	Wall Jambs	2
2	ZV-935	Wall Anchors	10
3	#8X 1-1/4	#8x 1-1/4" Screws	10
4	ZV-924	Door Bumpers	2
4A	ZV-926	Bottom Bumpers	1
5	6-32 X 1/2	6-32 x 1/2" Screws	2
6	ZTE-1222	Bottom Still	1
7	ZV-920	Center Guide - 3"	1
8	ZTE-1201	Header	3
9	ZTE-2206	Towel Bar Bracket	1
10	ZTE-2206P	Towel Bar Bracket With Pull	1
11	ZTE-2205	Towel Bars	2
12	ZTE-2207	Inside Door Pull	1
13	#6 X 3/8"	#6 x 3/8" Screws	14
14	ZV-914	Handle Vinyl	3
15	ZTE-1209	Roller Bracket Assembly	4
16		Inside Glass Panel	1
17		Outside Glass Panel	1
18	ZV-918	Curb Vinyl for ZTE-1222	1
19	ZTE-1215	135-Degree Post	1
20	ZD-1006	Curb Channel	2
21	ZD-1006	Wall Channel	1
22	ZC-180	Post to Curb Key	4
23	ZD-90	Post to Header Clip	2
24	ZV-902	Glass Support Block	3
25		90 Degree Glass Panel	1
26		135 Degree Glass Panel	1
27	ZV-909	Vertical Seal Vinyl	12
28	ZA-90	90 Degree Header Clip	2
29	ZSS-135	135 Degree Post	1
30	#6x1/4	#6 x 1/4" Screw	2

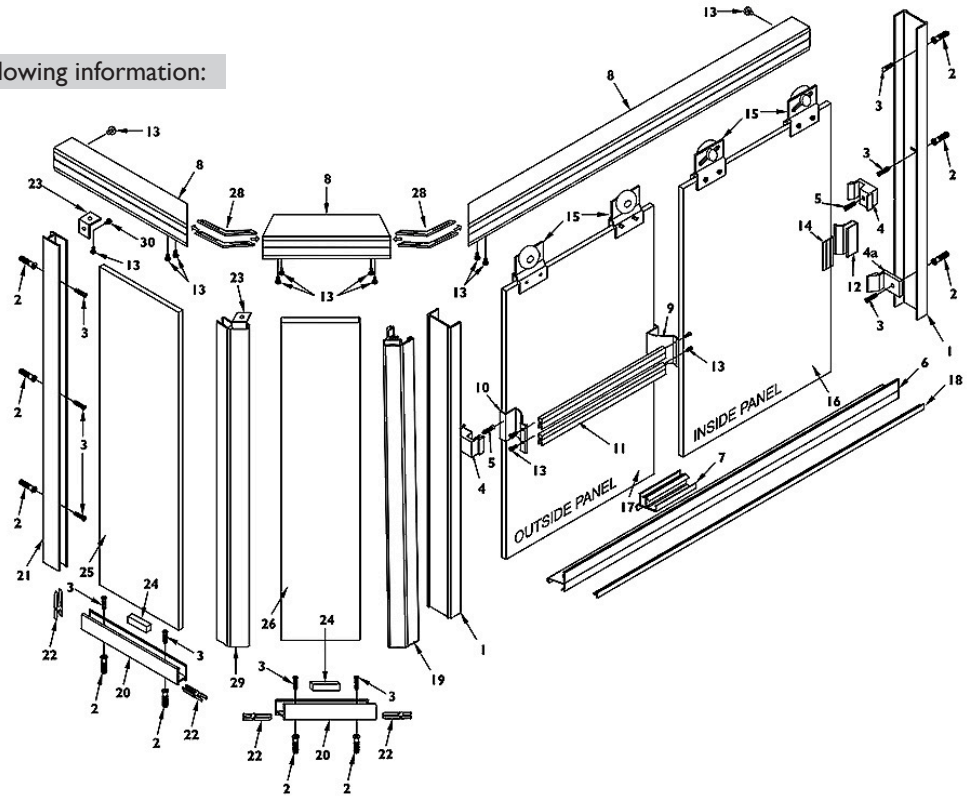
When ordering repair parts, please provide the following information:

1. Model Number
2. Part Number
3. Part Description
4. Finish Color

Required Tools:

To install your shower enclosure, you will need the following:

- Level
- #31 Drill Bit
- 3/16" Carbide Drill Bit (for tile walls)
- Phillips Screwdriver
- Silicone
- Hack Saw
- 1/4" Box End Wrench



INSTRUCTIONS:

Note: Apply a bead of silicone (GE 1200) into the open channel of roller bracket before attaching to glass. To assemble roller bracket (15) to glass, tighten screws until surface of roller bracket is depressed 1/32" (28 inch pounds of torque). Allow to cure for 24 hours before hanging sliders.

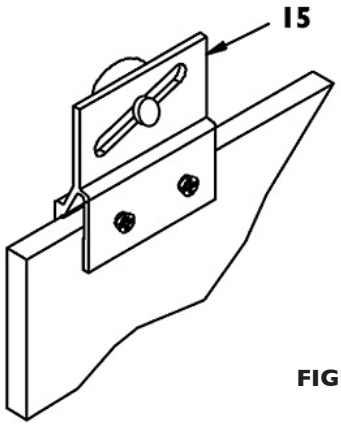


FIGURE 1

1. Using a straight edge, draw a line down the center of the tub rim or pan curb. Draw a parallel line 3/4" to outside of center line. The new line represents the outside dimension of the unit. Use this line for placement and cutting both 135 degree curb channels (20).

2. Measure out from wall (end panel side) to intersection of diagonal panel deduct 15/16" and use this measurement to cut 135 degree curb channel (20) to length. Apply bead of silicone full length to underside of curb channel (20) and set in place (weep holes to inside).

3. Set wall channel (21) in place on curb channel, hold plumb and mark the wall for the screw hole locations. Drill holes and insert plastic screw anchors (2). Fill curb channel with silicone where curb channel meets wall, set wall channel (21) in place and secure with #8 x 1-1/4" screws (3). Secure head clip (23) to top inside leg of wall channel with #6 x 1/4" SMS (30).

4. Place glass support block (24) in 135 degree curb channel. Set panel (25) into place in curb channel and wall channel. Hold in place, at top only with vertical seal vinyl (27).

5. Silicone curb where 135 degree post (19) will set. Insert post to curb key (22) into end of 90 degree curb channel (20) and set post in place over edge of panel. Hold plumb and secure in place at top only, with small wedge vinyl. Secure header clip (23) with a #6 x 1/4" screw (30).

6. Measure from post to point where diagonal and front curb lines meet. Deduct 7/8" from the measurement to cut 135 degree curb channel (20) to length. If contoured service of 135 degree post is on this center panel, compress short legs of post curb key about 1/16" and drop down into position form the top of the 135 degree post, secure 135 degree curb channel in place just like 90 degree curb channel. Place glass support block (24) in place within the channel. Set panel (26) in curb channel and 135 degree post (19). Hold in place, at top only, with small wedge vinyl. Insert post to curb key (22) into end of curb channel.

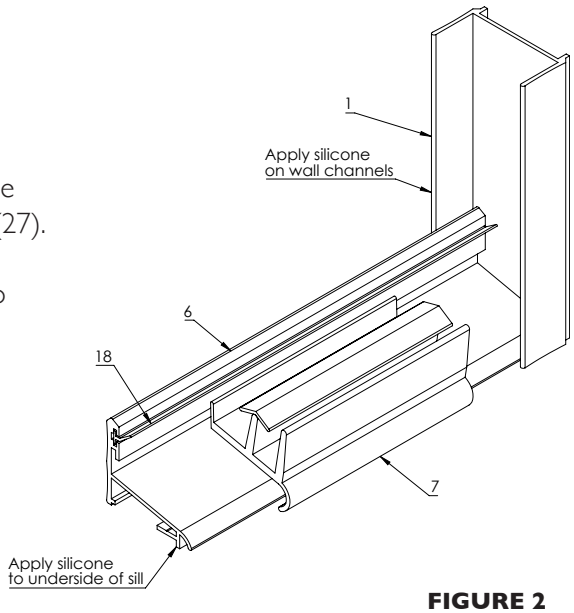


FIGURE 2

7. Silicone curb where 135 degree slider post (19) will set. Set post in place over edge of panel, hold plumb and secure in place, a top only, with small wedge vinyl (27).

8. Set jamb (1) in place at wall opposite end panels, hold plumb and mark screw hole locations. Drill holes in wall and insert plastic anchors (2). Apply silicone where curb meets wall and jamb in place and secure with #8 x 1-1/4" SMS (3). Secure bottom bumper with bottom jamb screw.

9. Measure from inside of jamb to inside of 135 degree slider post (19) and use this measurement to cut guide to length. Slide or snap center guide (7) onto guide to one side of center. Run bead of caulk full length to underside of guide also to inside of jamb and post to seal end of guide, then press guide firmly in place.

10. Cut center section of header (8) to length and assemble header using 135 degree clips (28) and 6 x 3/8" SMS (13). Cut header (8) to length and set in place over jambs, post and wall channel. Secure header to jamb and slider post with #6 x 3/8" screws (13) from INSIDE of shower. Secure 135 degree post (19) and wall channel to header with clip (23) using #6 x 3/8" (13) screws. Insert vertical seal vinyl into wall channels post and curb channels on both sides of panel.

11. Secure bumpers (4) with 6-32 x 1/2" screws (5). Raised portion of bumpers to outside at shower head side to inside at post. Center hole in jamb is slotted to allow jamb to be moved in our out to compensate for bowed glass.

12. To set slider glass in place, hold inside slider panel (16) inside of tub or shower pan. Insert rollers up into header and lower into place. Next, insert lower end of outside slider (17) in front of inside slider by pushing lower ends far enough in to allow clearance on inside edge of tub or pan. NOTE: Avoid roller bracket to roller bracket contact while lifting panel into place. The outside slider will close against the jamb opposite the shower head.

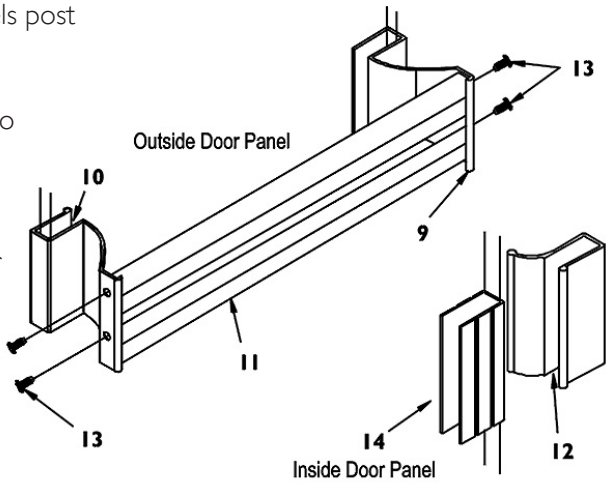


FIGURE 3

13. Place center guide (7) to center position on sill (6). Make sure the center guide is hooked into the slot position on sill, then snap center guide on sill.

14. Close panels and adjust to align the vertical edge of panels with jamb and post. Using a 1/4" box-end wrench, loosen the screws on the rollers, but don't remove completely. When screws are loose, adjust panel by sliding the screw in the slot. NOTE: when screws are loose be sure to support panel so it doesn't not fall and break. Adjust inside slider as low as possible to reduce the gap between bottom of slider and sill taking care that the glass does not drag on the track or center guide. Adjust for bowed glass by using the slotted hole in the jamb. Secure bumpers to the jambs using 6-32 x 1/2" screw (5).

15. Set handle vinyl channel (14) in place over edge of outside glass panel (17) with bottom of vinyl in lie with bottom of bumper.
Tap towel bar brackets (9 & 10) in place.
Bracket with no pull should be to jamb side of slider opposite of shower head. Assemble towel bars (11) to bracket using #6 x 3/8" SMS (13).
(See Figure 3)

16. Set handle to vinyl in place over edge of inside glass panel with bottom of vinyl in line with bottom of bumper on edge facing the wall jamb. Tap inside door pull (12) into place. NOTE: Large portion of pull to inside of slider.

17. Silicone inside of shower where jambs meet walls and sill meets rim of tub or pan.

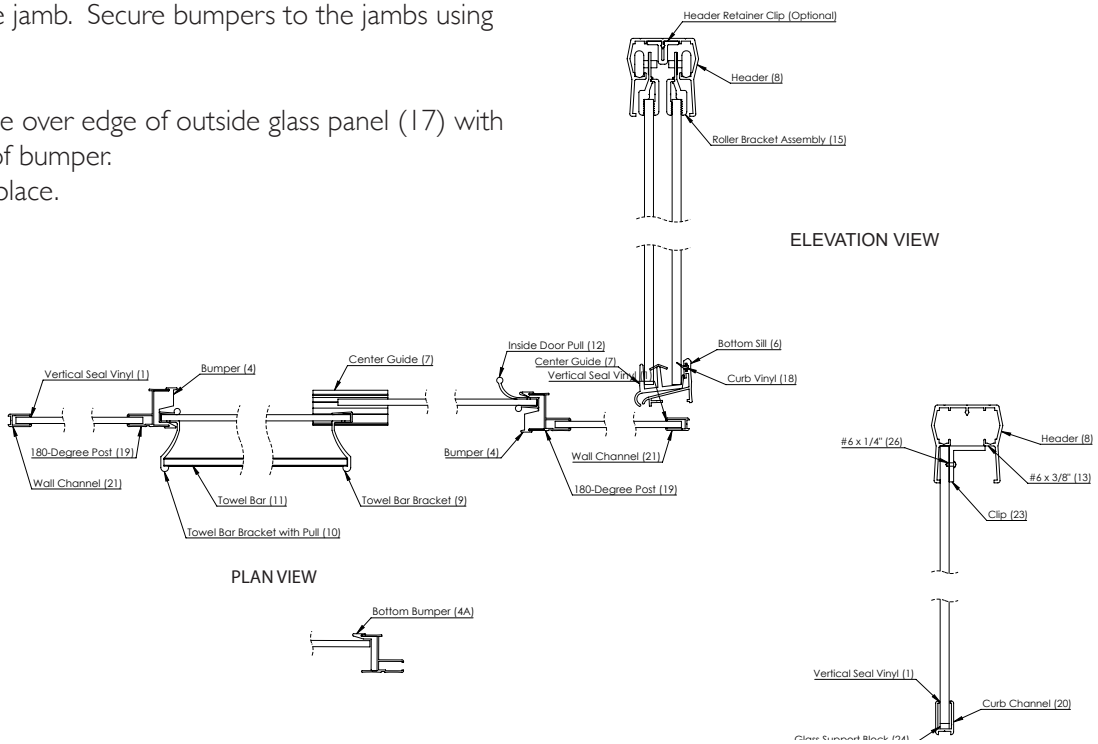


FIGURE 4

FRAMELESS ENCLOSURES:

Model TE-4 Tub Enclosure
Model SE-4 Shower Enclosure

Model #	Width	2-135 Degree Panels	Height	Max. Glass Size
TE-4	42" to 60"	1-12" / 1-24"	57-3/8"	2- 30" x 55" 1-11-1/2" x 55"-3/8" 1-23-1/4" x 55-3/8"
SE-4	42" to 60"	1-12" / 1-24"	70-3/8"	2- 30" x 68" 1-11-1/2" x 68"-3/8" 1-23-1/4" x 68-3/8"

BREAKDOWN CHART FOR SPECIAL HEIGHT AND WIDTH TE-4 & SE-4 UNITS:

QTY.	Part# & Description	How to arrive at measurement
1	ZTE-1201 Header	Unit width (slider & returns) mitered
2	ZTE-1203 Side Jambs	Unit height minus 1-1/8"
2	ZTE-2205 Towel Bars	Glass width (see chart above) minus 1/4"
1	ZTE-1222 Bottom Track	Slider width minus panel width, minus 7/16"
1	ZTE-1215 135 Degree Post	Unit height minus 1-1/8"
2	ZD 1006 Curb	Return width
1	ZD 1006 Back all vertical	Unit height minus 2-1/16"
1	ZSS 1105 135 Degree Post	Unit height minus 1-1/8"
Glass		
2	Slider Width	Unit width minus panel width, divided by 2
	Height	Unit width minus 2-3/8"
1	Stationary panel "A" width	Return width minus 3/4"
	Height	Unit height minus 2"
1	Stationary panel "B" width	Return width minus 1/2"
	Height	Unit height minus 2"