

**Cardinal**  
SHOWER ENCLOSURES



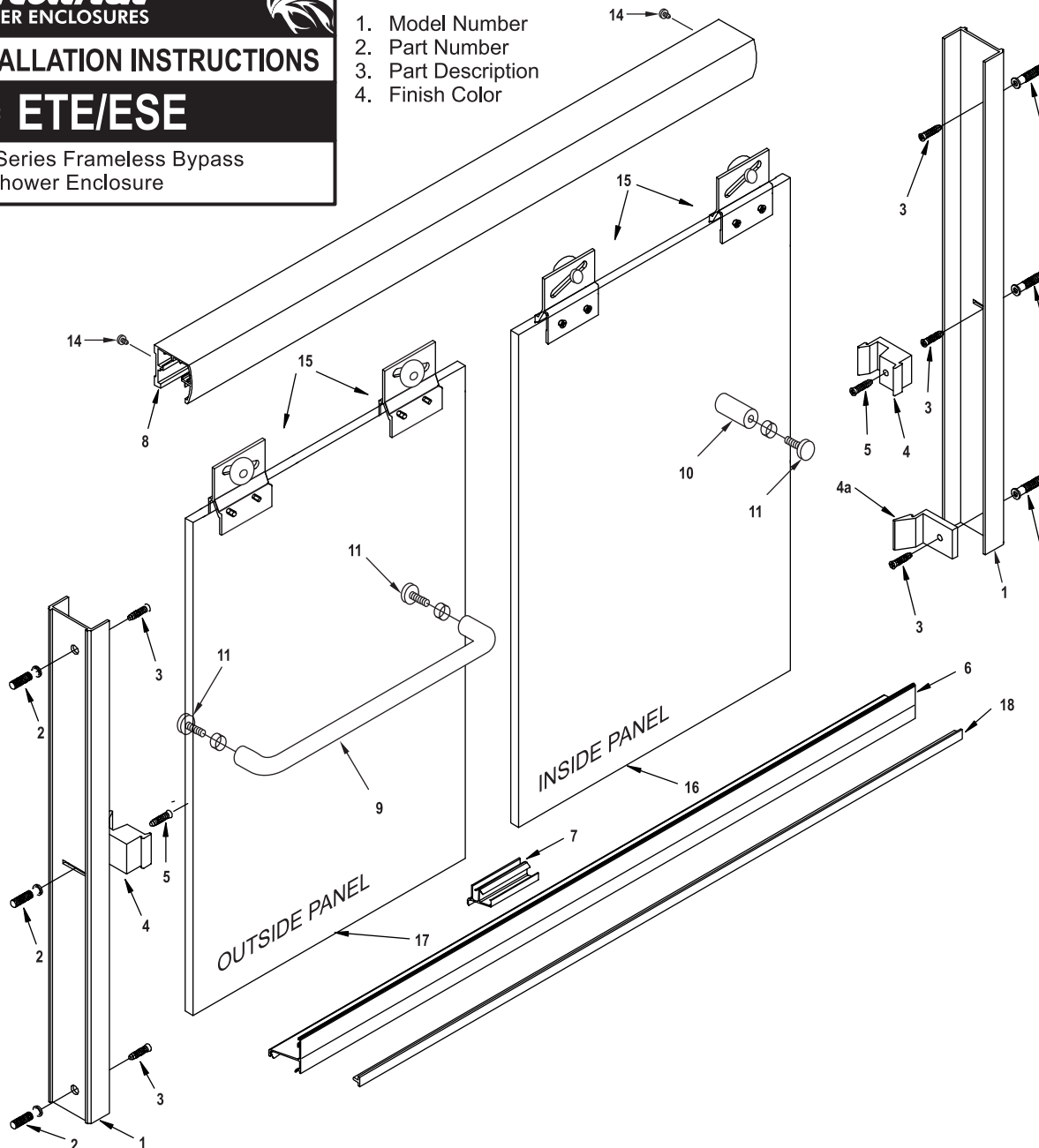
## INSTALLATION INSTRUCTIONS

MODEL: **ETE/ESE**

Euro Series Frameless Bypass  
Tub/Shower Enclosure

When ordering repair parts, please  
provide the following information:

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

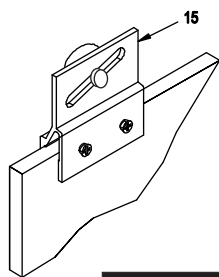


DESCRIPTION	QTY	PART NO.	PICTURE
1. Wall Jamba	2	ZTE-1203	
2. Wall Anchors	6	ZV-935	
3. #8 x 1-1/4" screws	6	#8X1-1/4	
4. Door Bumpers	2	ZV-934	
4A. Bottom Bumpers	1	ZV-926	
5. 6-32 x 1/2" Screw	2	6-32X1/2	
6. Bottom Still	1	ZTE-1222	
7. Center Guide - 3"	1	ZV-920	
8. Header	1	ZTE-1601	
9. Tubular Towel Bar	1	CHG-TB	
10. Tubular Inside Pull	1	CHG-KSM	
11. Towel Bar/Pull Fastener	3	ZTE-2205	
12. Nylon Towel Bar Washer	6	3/4" Nylon Washer	
13. Nylon Towel Bar Sleeve	3	1/4" Nylon Sleeve	
14. #6 x 3/8" Screw	2	#6X3/8	
15. Roller bracket Assembly	4	ZTE-1209	
16. Inside Glass Panel (1 hole)	1		
17. Outside Glass Panel (2 holes)	1		
18. Door Guide Vinyl with ZTE-1222	1	ZV-960	

### 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

**Figure 1**

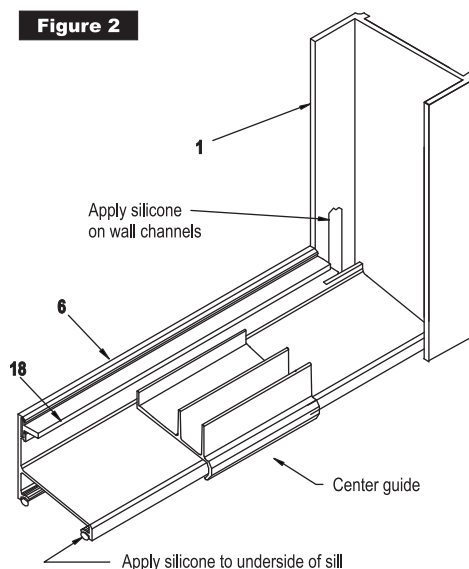
**NOTE:** Apply a bead of silicone (GE 1200) into the open channel of roller bracket before attaching to glass. To assemble roller bracket (15) to glass, tighten screws until surface of roller bracket is depressed 1/32" (28 inch pounds of torque). Allow to cure for 24 hours before hanging sliders.

1. Set wall jambs (1) in place on walls, centering bottom of jambs on rim of tub. Hold plumb and mark walls for screw holes.

2. Remove and drill 3/16" diameter holes in walls (use a carbide tipped drill bit for tile walls). Insert plastic wall anchors (2) into holes. Silicone where the wall meets the rim of the tub to seal the bottom of jamb. Set jambs in place and secure to wall with #8 x 1-1/4" screws (3). Secure bottom bumper (4a) on shower head / inside side with the

bottom wall jamb screw (3)

3. Cut sill (6) to fit opening between jambs. Run a bead of silicone full length to the underside of sill (See figure 2) and apply silicone to inside of jamb where jamb meets tub. On inside of jamb, run a 1/4" bead of silicone 1-1/4" up the outside leg of each wall jamb (see figure 2). Set sill in place and press firmly to rim of tub. Wipe off any excess silicone before curing. Use tape to hold in place until silicone has set.

**Figure 2**

4. Cut header (8) 1/32" to 1/16" less than opening width and set in place.

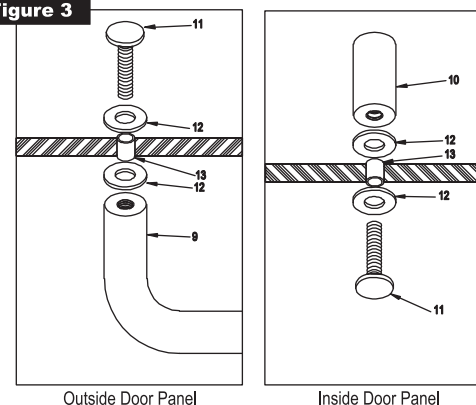
5. To set slider glass in place, hold inside slider panel inside of tub or shower pan, insert rollers up into header and lower into place. The inside slider glass has only one hole for the inside pull handle (10) and will close against the wall jamb on the showerhead side. Next, insert lower end of outside slider 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 showerhead.

6. Place center guide (7) to center position on sill (see figure 2). Make sure the center guide is hooked into the slot position on the sill, and then snap center guide to sill.

7. Close panels and adjust the vertical edge of panels with jambs. 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 into the slot. **Note:** When screws are loose be sure to support panel so it does 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.

8. To install towel bar (9), place nylon towel bar insert sleeves (13) into holes in the glass (17). Next, hold the tubular towel bar (9) against the hole in the glass with the nylon towel bar/pull washer (12) between the glass and the towel bar. Place a nylon towel bar/pull washer on the towel bar/pull screw (11) and secure towel bar in place on both ends. Install the pull the same way the towel bar was installed. Use hole in fastener to tighten (See Figure 3).

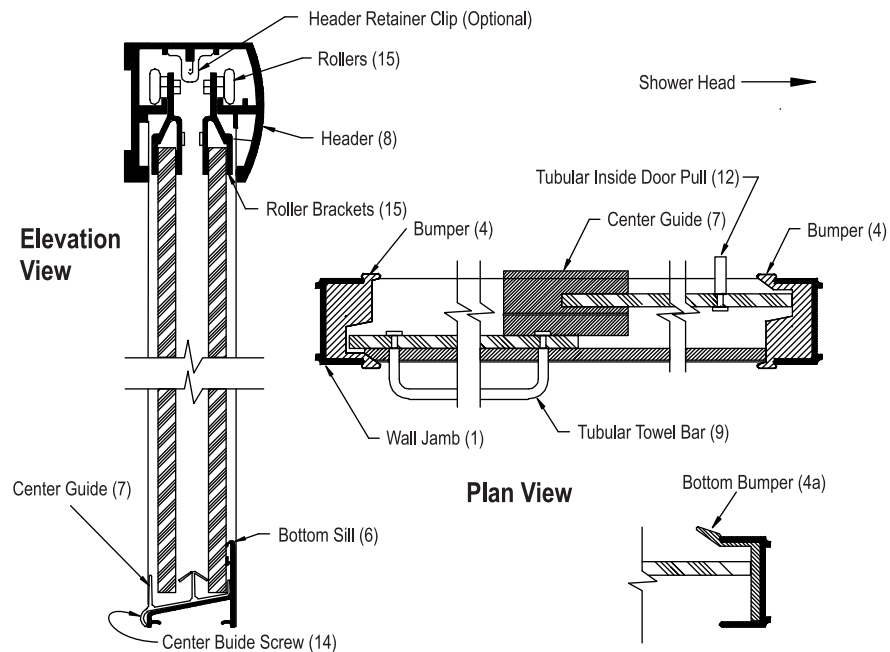
**Figure 3**

Secure header to wall jambs with two 6 x 3/8" screws (14).

11. Silicone inside of shower where jambs meet walls and sill meets rim of tub.

9. Center hole in jamb is slotted to allow adjusting of jamb to compensate for bowed glass. After installing hardware, roll both panels into jamb on one side. If edge of glass hits on edge of jamb, loosen center screw and adjust jamb accordingly. Repeat on opposite side.

10. Secure bumpers (4) in place with a 6-32 x 1/2" MS (5). **Note:** Glass panels close into the recessed portion of the bumpers. The recess is toward the inside of the tub on the shower head jamb, and toward the outside on the other jamb. From **INSIDE** of unit, drill #31 holes through header and into wall jambs, 11/16" from bottom of header.

**Figure 4**

**ETE/ESE Installation Instructions**

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# Frameless Enclosures

**Model ETE Euro Tub Enclosure (for 1/4" glass)**
**Model ESE Euro Shower Enclosure (for 1/4" glass)**

<u>Model #</u>	<u>Width</u>	<u>Height</u>	<u>Max. Glass Size</u>
ETE-60	42" to 60"	57-3/8"	30" x 55" w/ holes
ETE-66	60" to 66"	57-3/8"	33" x 55" w/ holes
ETE-72	66" to 72"	57-3/8"	36" x 55" w/ holes
ESE-48	42" to 48"	70-3/8"	24" x 68" w/ holes
ESE-60	54" to 60"	70-3/8"	30" x 68" w/ holes
ESE-66	60" to 66"	70-3/8"	33" x 68" w/ holes
ESE-72	66" to 72"	70-3/8"	36" x 68" w/ holes

## Breakdown Chart for Special Height and Width ETE & ESE Units

<u>QTY.</u>	<u>Part# &amp; Description</u>	<u>How to arrive at measurement</u>
1	ZTE 1601 Header	Unit width minus 1/16"
2	ZTE 1203 Side Jamb	Unit height minus 1-1/8"
1	CHG-TB Towel Bars	Centered on Glass (see instructions below)*
1	ZTE-1605 Knob	Centered on Glass (see instructions below)*
1	ZTE 1222 Bottom Track	Unit width minus 7/16"
<b>Glass</b>		
2	1/4" Glass 1/2" holes Slider width height	Slider width divided by 2 Unit height minus 2-3/8"

\*Center towel bar both top to bottom and side to side.

\*Make knob on the inside lite same distance from edge as the towel bar is on the outside lite. Center from top to bottom.

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