

# ***Model 5000H-180***

## ***Illustrated Installation***

### ***Instructions***



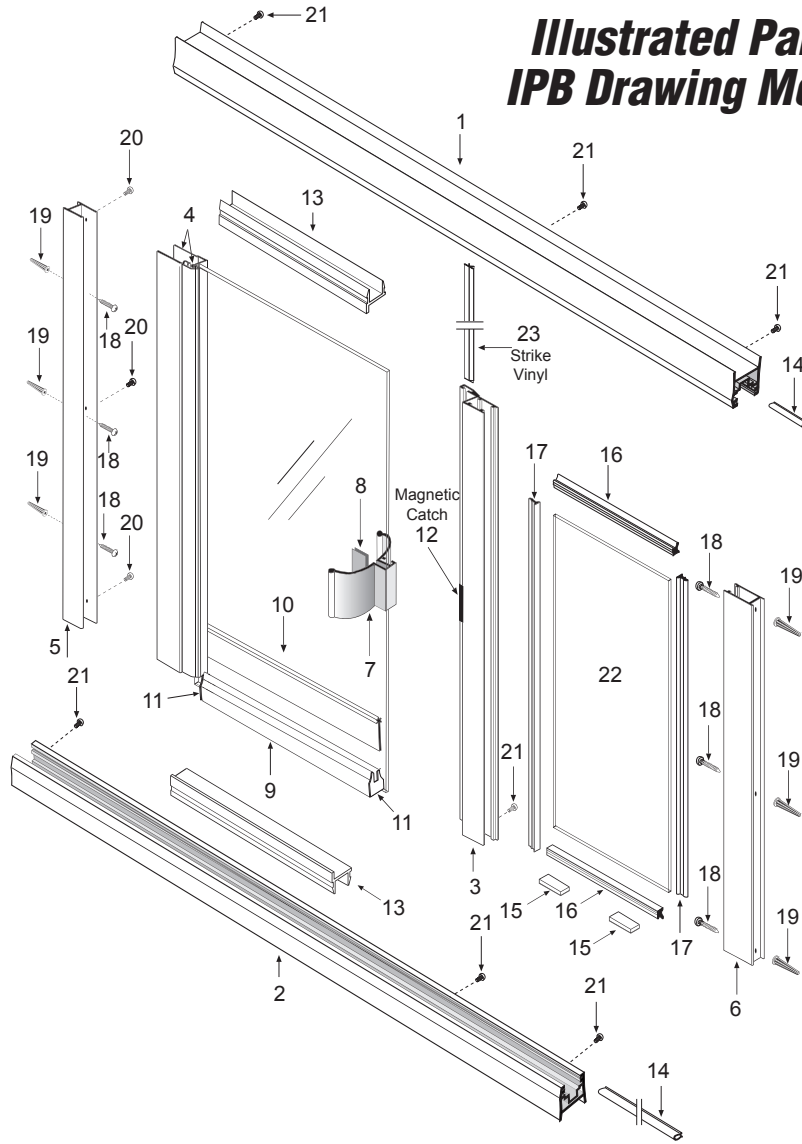
**Contractors Wardrobe®**

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# Illustrated Parts Breakdown IPB Drawing Model 5000H-180



No.	Qty.	Part #	Part Description
#1	1	A7017	Header
#2	1	A7017	Bottom Curb/Sill
#3	1	A7060	Insert Jamb with Magnetic Catch and Strike Vinyl
#4	1	5H-RGHA	Frameless Glass Door (Drip Rail and End Caps are Attached) with CW® Rotary Gear Hinge Assembly
#5	1	A7070	Slip Jamb Male
#6	1	A7055	Wall Jamb
#7	1	HSA51	Handle
#8	1	G3050	Handle Gasket
#9	1	A7285	Drip Rail
#10	1	G3020	Drip Rail Gasket
#11	2	C1070G	End Cap
		C1070C	End Cap
		C1070W	End Cap
#12	1	M05005	1-1/2" Magnetic Catch
#13	2	A7041	Snap-In Pivot Strip
#14	2	G3090	Sill Spacer (Clear)
#15	2	G5020	Setting Block
#16	1	G1010	Gray 3/16" - 1/4" Horizontal Press-In Vinyl
		G1020	Gold 3/16" - 1/4" Horizontal Press-In Vinyl
		G2030	Gray 1/8" - 5/32" Horizontal Press-In Vinyl
		G2040	Gold 1/8" - 5/32" Horizontal Press-In Vinyl

No.	Qty.	Part #	Part Description
#17	1	G1040	Gray 3/16" - 1/4" Vertical Press-In Vinyl
		G1050	Gold 3/16" - 1/4" Vertical Press-In Vinyl
		G2050	Gray 1/8" - 5/32" Vertical Press-In Vinyl
		G2060	Gold 1/8" - 5/32" Vertical Press-In Vinyl
#18	6	S82060	Gold #8 x 1-1/2" PH SMS Screw
		S82065	Silver #8 x 1-1/2" PH SMS Screw
#19	6	S0170	Screw Anchor
#20	7	S81010	Gold #6 x 1/4" "B"-Point Screw
		S81015	Silver #6 x 1/4" "B"-Point Screw
#21	6	S81040	Gold #6 x 7/16" "B"-Point Screw
		S81045	Silver #6 x 7/16" "B"-Point Screw
		S82025	Silver #6 x 7/16" "B"-Point Screw
#22	1		In-Line Glass Panel
#23	1	G3000	Strike Vinyl

In this instruction booklet we will walk you through the installation of your new shower door.

**DO NOT REMOVE your existing shower door until you check your new shower door kit for all the proper parts. Make sure that you have all the proper tools required to assemble your new shower door. Use the check list below.**

Use a level to check that the sill/shower dam is reasonably level - not more than 1/4" out of level from side to side. Check the walls for levelness - not more than 1/4" out of level from top to bottom. If it is out of level more than that, you may need to order custom wall jambs.

Tools you will need:

- Phillips Screwdriver
- Level
- Electric Drill
- 1/8" Drill Bit (for fiberglass stall)
- 3/16" Masonry Drill Bit (for tile stall)
- 7/64" Drill Bit
- Fine File
- Miter Box and Hacksaw with 32 Teeth/Inch Blade
- Pliers
- Pencil
- Hammer
- Caulking Gun - Tube of Clear Tub/Tile Silicone
- Tape Measure
- Safety Glasses
- Scissors

**CAUTION: Wear safety glasses whenever drilling or cutting. Handle all tempered glass carefully. The sharp corners of the panels can damage tile and floor covering. Tempered glass cannot be cut. Do NOT let the corners of the Door Panels strike the other glass Door Panel or any hard surface, wall or floor. Even tempered glass may be shattered in this manner.**

### **STEP 1 Checking Contents of Shower Door Package**

DO NOT use a razor blade to cut open the paper wrapping as you may scratch the contents. Use the IPB Drawing to help you locate the following parts:

**Parts Check List:**

No.	Qty.	Description
(#1)	1	Header
(#2)	1	Bottom Curb/Sill
(#3)	1	Insert Jamb with Magnetic Catch and Strike Vinyl
(#4)	1	Frameless Door with CW® Rotary Gear Hinge Assembly
(#5)	1	Slip Jamb Male
(#6)	1	Wall Jamb
(#7)	1	Handle

(#9)	1	Drip Rail
(#10)	1	Drip Rail Gasket
(#13)	2	Snap-In Pivot Strip
(#14)	2	Sill Spacer (Clear)
(#15)	2	Setting Block
(#16)	1	Horizontal Press-In Vinyl
(#17)	1	Vertical Press-In Vinyl
(#18)	6	#8 x 1-1/2" PH SMS Screw
(#19)	6	Screw Anchor
(#20)	7	#6 x 1/4" "B"-Point Screw
(#21)	6	#6 x 7/16" "B"-Point Screw
(#22)	1	In-Line Glass Panel

If you find that any parts are damaged or missing, refer to the parts list and IPB Drawing and contact Contractors Wardrobe®'s Customer Service Department at 661-257-1177. NOTE: Views and directions given in these instructions — left, right, front, back, etc. — are from outside of the enclosure, facing the shower.

### **STEP 2 Removing the Existing Enclosure**

Note: If this is a new installation, skip to Step 3.

After determining that your newly purchased enclosure kit is the correct size, remove the existing shower door and all existing parts of that door assembly. Remove all screw anchors from the wall. Clean silicone sealant or shower caulking and any other contaminants from shower and wall surfaces.

### **STEP 3 Installing the Bottom Curb/Sill and Wall Jamb**

A. Using the Tape Measure, find the center of the shower dam. Make a mark where the center is at both ends of the dam (See Figure 1).



Figure 1

B. Cut the Sill Spacer (#14) to In-Line Glass Panel (#22) width minus 1-1/2". Cut another piece this size for the Header (#1). Place the Sill Spacer (#14) into the groove of the Bottom Curb/Sill (#2) (See Figure 2).



Figure 2

C. If this unit is being installed in a fiberglass pan, cut the Bottom Curb/Sill (#2), Slip Jamb Male (#5) and the Wall Jamb (#6) at a slight angle (about 45°) where they meet to accommodate the rounded corners of the pan (See Figure 3).

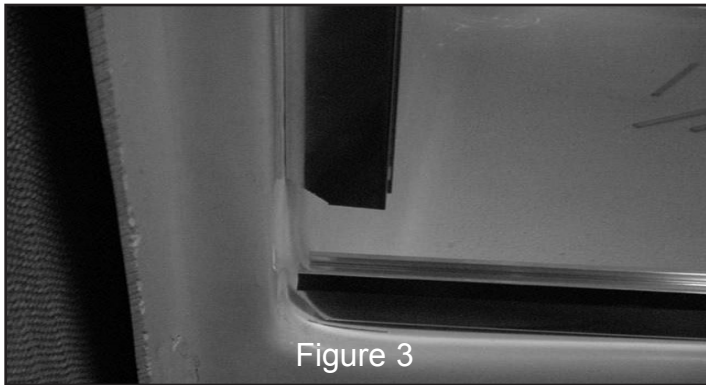


Figure 3

D. Place and align the Bottom Curb/Sill (#2) on the curb of the shower.

E. Insert the Wall Jamb (#6) and Slip Jamb Male (#5) (See IPB Drawing) into the Bottom Curb/Sill (#2) and level. Mark and drill installation holes (the Wall Jamb (#6) and the Slip Jamb Male (#5) come pre-drilled). Remove the Wall Jamb (#6) and Slip Jamb Male (#5).

**NOTE: Before siliconging the Bottom Curb/Sill (#2) to the Shower Dam, make sure the surface is completely free of dirt or any other contaminants to ensure proper adhesion.**

F. Apply an abundant amount of Silicone to the underside of the Bottom Curb/Sill (#2), for the entire length (See Figure 4), position on shower dam (with the weep holes facing towards the inside of the shower).

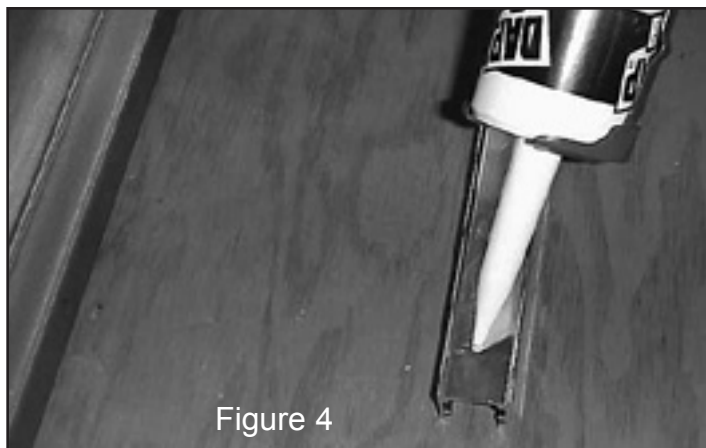


Figure 4

**NOTE: Use a 1/8" Drill Bit for a fiberglass enclosure or a 3/16" Masonry Drill Bit for tile. Do not use Screw Anchors (#19) for a fiberglass enclosure.**

G. Insert the Wall Jamb (#6) and Slip Jamb Male (#5) into the Bottom Curb/Sill (#2). Secure the Wall Jamb (#6) with #8 x 1-1/2" PH SMS (#18) Screws (For tile, use Screw Anchors (#19)). Repeat these steps using the Slip Jamb Male (#5) on the side where the door will hinge from. Apply Silicone where the Bottom Curb/Sill (#2) meets the Wall Jamb (#6), Slip Jamb Male (#5) and the wall.

## STEP 4 Installing the In-Line Glass Panel

A. Place the two Setting Blocks (#15) into the Bottom Curb/Sill (#2) (See Figure 5). Place the In-Line Glass Panel (#22) into the Bottom Curb/Sill (#2) on top of the Setting Blocks (#15).

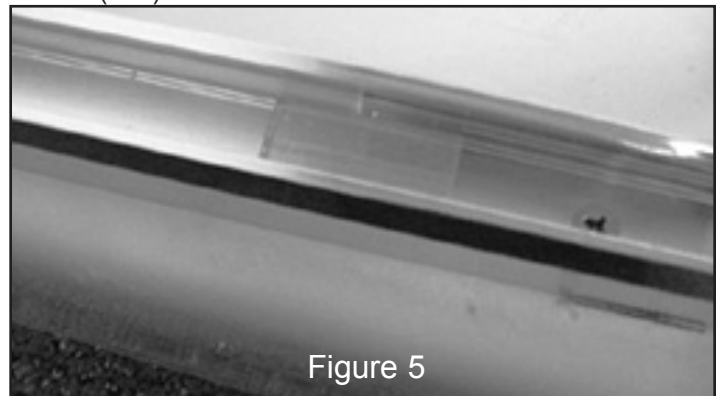


Figure 5

B. Place the Insert Jamb (#3) into the Bottom Curb/Sill (#2) and over the In-Line Glass Panel (#22). Cut a 2" strip of Vertical Press-In Vinyl (#17). Level the Insert Jamb (#3) and temporarily secure 6" down from the top in between the glass and the Insert Jamb (#3) with temporary Vertical Press-In Vinyl (#17) on the outside of the enclosure (See Figure 6). (Optional: You may also use another 2" strip of temporary vinyl on the door side of the In-Line Glass Panel (#22), 6" down from the top.)

## STEP 5 Cutting the Header to size

Note: The Header (#1) comes in a longer length and needs to be cut to size to accommodate out-of-square conditions.

Measure the distance between the walls at the top then cut the Header (#1) to this dimension (See Figure 7).



Figure 6

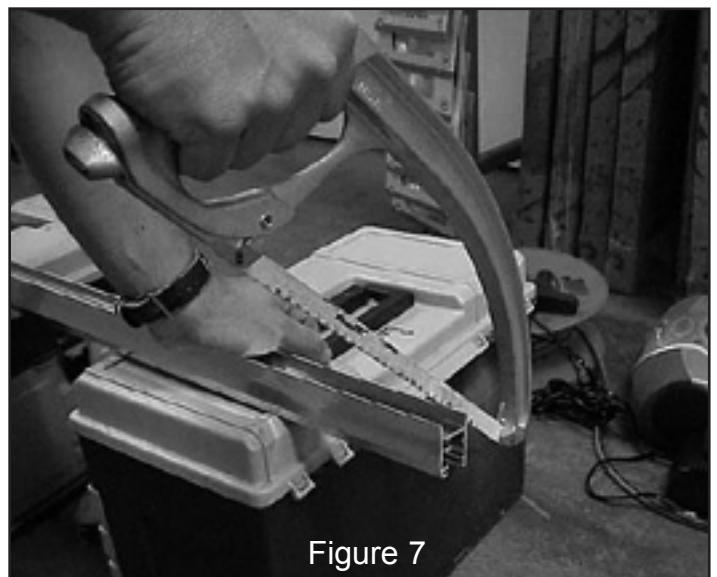


Figure 7



## STEP 6 Installing the Pivot Strip and Sill Space

Place the Sill Spacer (#14) into the groove of the Header (#1).

## STEP 7 Installing the Header

A. Place the Header (#1) over the vertical pieces of metal, as shown in Figure 8.

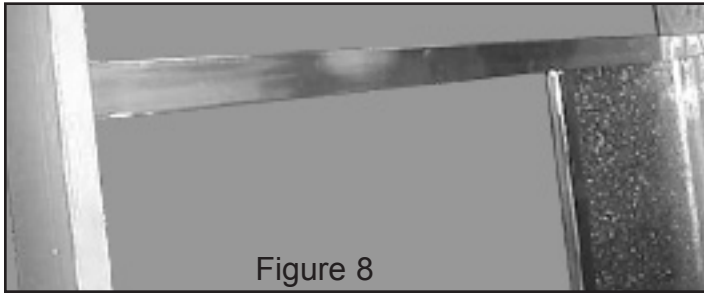


Figure 8

B. Drill assembly holes with a 7/64" Drill Bit into the Header (#1) through the Slip Jamb Male (#5) and Wall Jamb (#6). Secure at the top, on both sides using #6 x 1/4" "B"-Point Screws (#20) (See Figure 9).

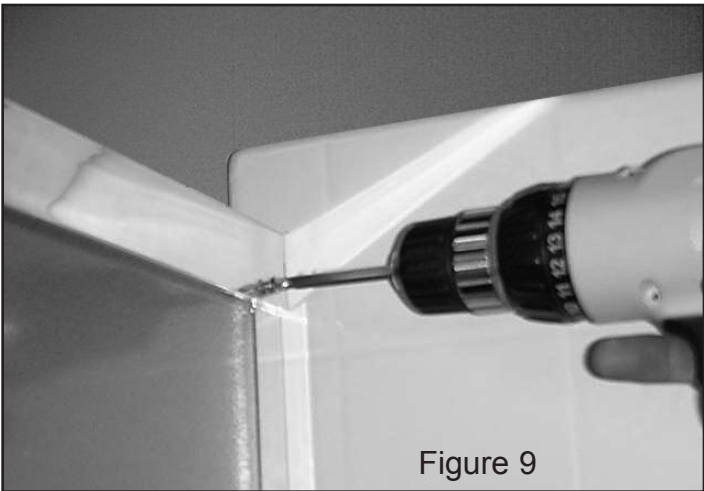


Figure 9

C. Locate the Snap-In Pivot Strip (#13). Snap the Snap-In Pivot Strip (#13) into the Header/Curb (#1). Repeat this for the Bottom Curb/Sill (#2). Making sure the "Raised" edge of the Snap-In Pivot Strip (#13) is to the outside of the unit.

## STEP 8 Installing and Adjusting the Door and Insert Jam

Installing the door panel may be easier if you have someone to assist you.

A. Locate the Handle (#7) and Handle Gasket (#8).

B. Position the Handle Gasket (#8) midway on the Frameless Glass Door (#4), wrapping it around the edge of the Door as shown in Figure A. The Handle (#7) with its magnetic catch should center on the magnetic latch in the Insert Jamb (#3).

C. Hold the Handle (#7) so that the strike plate is facing into the shower. Flex the Handle (#7) slightly as you press the Handle (#7) over the Handle Gasket (#8) (See Figure A).

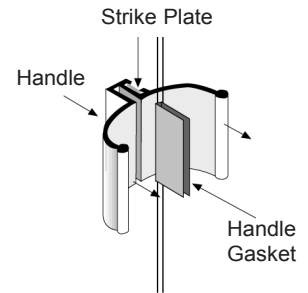


Figure A

**TIP:** To make sliding the Handle (#7) onto the door a little easier, try rubbing a little hand soap on the leading edge of the Handle Gasket (#8).

D. Temporarily install the Frameless Glass Door with CW® Rotary Gear Hinge Assembly (#4) into the Slip Jamb Male (#5). Position and level the door so that the Handle (#7) lines up with the 1-1/2" Magnetic Catch (#12) on the Insert Jamb (#3) (See IPB drawing). Mark and drill three installation holes. Insert the top, #6 x 1/4" "B"- Point Screw (#20) only at this time (See Figure 10). Make sure that the door is level. Secure the CW® Rotary Gear Hinge Assembly (#4) into the Slip Jamb Male (#5) with the remaining two #6 x 1/4" "B"- Point Screws (#20).

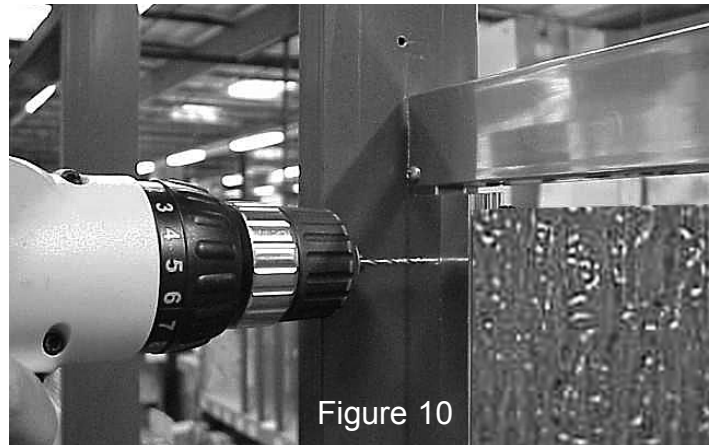


Figure 10

E. Make sure that both the Frameless Glass Door (#4) and the Insert Jamb (#3) are level. Secure the Insert Jamb (#3) to the Header (#1) with a #6 x 7/16" "B"- Point Screw (#21). Repeat this step securing the Insert Jamb (#3) to the Bottom Curb/Sill (#2) with a #6 x 7/16" "B"- Point Screw (#21).

## STEP 9 Glazing the Vinyl into the In-Line Panel

A. Remove the 2" strips of temporary Vertical Press-In Vinyl (#17) and shift In-Line Glass Panel (#22) to obtain sufficient overlap along both horizontal and vertical edges.

B. Push in the Horizontal Press-In Vinyl (#16) from the outside between the glass and the Bottom Curb/Sill (#2) and Header (#1). This task is made easier by using a pen (as shown in Figure 11) to push the vinyl into Bottom Curb/Sill (#2) and Header (#1). Cut square covering the full width of the panel opening. Push the Vertical Press-In Vinyl (#17) from the outside between the Wall Jamb (#6) and the Insert Jamb (#3).

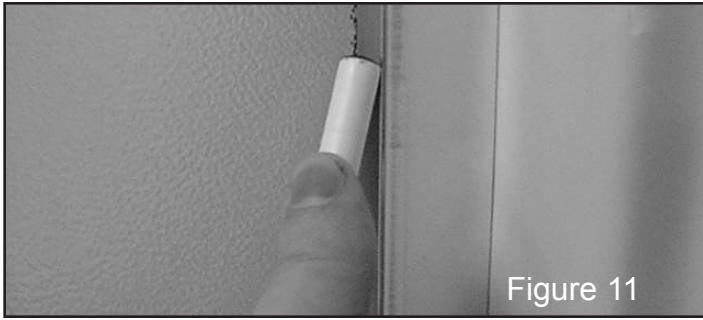


Figure 11

**STEP 10 Silicone Sealing the Enclosure**

A. Using rubbing alcohol and a lint free rag, thoroughly clean all edges inside and outside where curb or walls meet the horizontal or vertical jambs. Once the alcohol has dried you will have a clean excellent surface for silicone sealing the enclosure.

B. Using the Clear Tub/Tile Silicone, seal all edges inside and outside where curb or walls meet the horizontal or vertical Jambs. (See Figure 12).

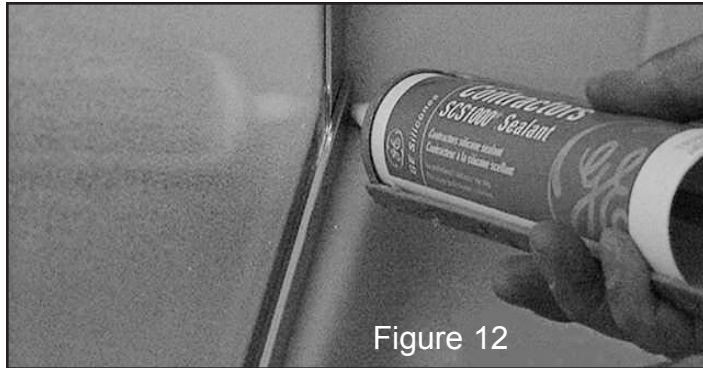


Figure 12

C. CW® uses the “Wet Glaze” technique to secure the In-Line Glass Panel (#22) on the inside of the unit. Run the Clear Tub/Tile Silicone in between the glass and metal, around the entire inside perimeter (See Figures 13A and 13B).

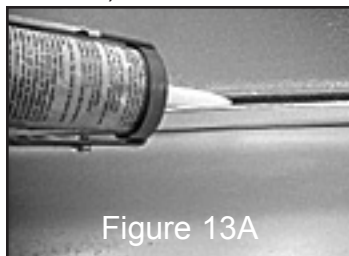


Figure 13A

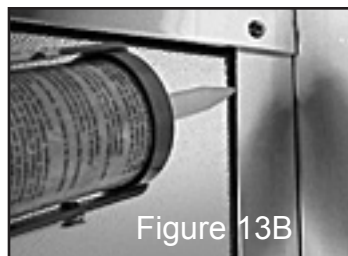


Figure 13B

Silicone sealant must cure for 24 hours before you use your new enclosure. Silicones may vary. Please follow curing instructions on the tube.

**STEP 11 Installing the Drip Rail**

With a pair of scissors cut the clear Drip Rail Gasket (#10) 2” longer than the Drip Rail (#9). Cut a notch into the strike side of the Drip Rail Gasket (#10) (see Figure 14). Using a lubricant (such as CW® Glass Cleaner) (see Figure 15) slide the ridged end of the Drip Rail Gasket (#10) into the smaller channel in the Drip Rail (#9) (See Figure #16), allow 1/2” extra gasket on the strike side (including the notch). With Pliers, crimp both ends of the Drip Rail (#9) to secure the Drip Rail Gasket (#10). There will be 1-1/2” overlap on the hinge side of the Drip Rail Gasket (#10) (See Figure 17).



Figure 14

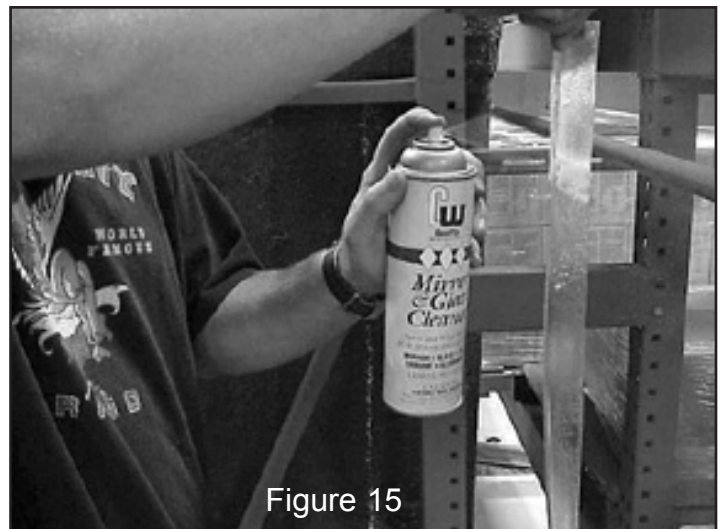


Figure 15

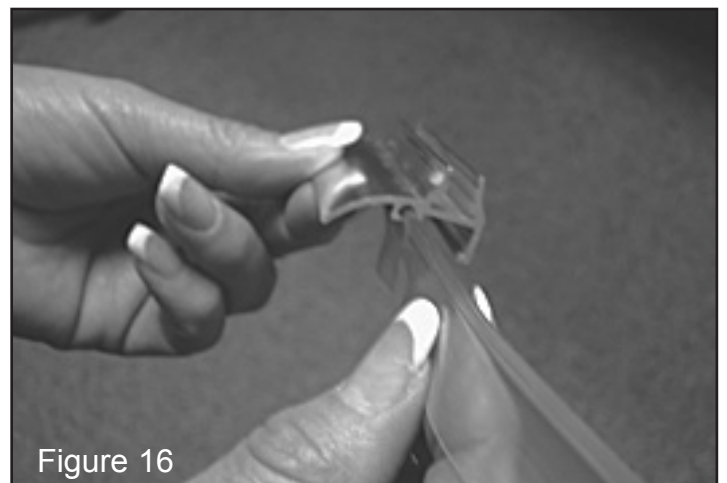


Figure 16

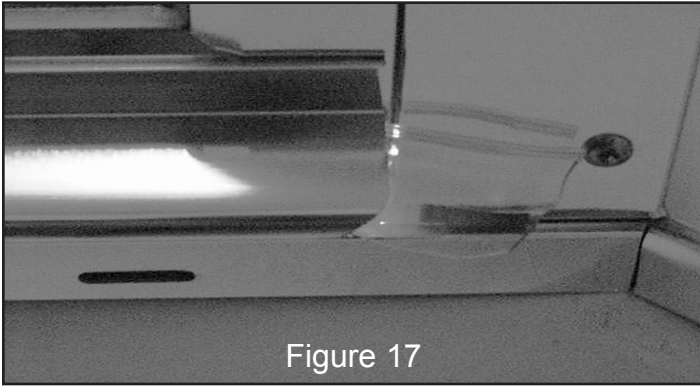


Figure 17

### ***STEP 12 Cleaning the Enclosure***

Clean the glass and enclosure hardware with a mild non-abrasive cleaner designed for glass such as CW<sup>®</sup> Mirror & Glass Cleaner. Avoid using scouring cleansers as this will scratch and mar the beautiful finish on the enclosure.

Thank you for purchasing a CW<sup>®</sup> Shower Enclosure. This is only one of a large line of shower enclosures and high quality wardrobe door products. If you like this product, please contact Contractors Wardrobe<sup>®</sup> for more information about our many beautiful wardrobe doors in bi-pass and bi-fold styles with steel, aluminum and hardwood frames.