



## INSTALLATION INSTRUCTIONS

### CRYSTALLINE HINGE (FRAMED OR FRAMELESS) WITH OPERABLE FRAMELESS TRANSOM

#### IMPORTANT:

- Read all instructions and become familiar with all parts before installation.
- This instruction is to be used in conjunction with CrystalLine frameless or framed hinge door instructions, whichever is applicable.
- Substitute threshold (A) parts in these instructions for the threshold (A) parts in the door instructions.

- STEP 1** Threshold (A) and header (S) are overcut. Measure opening for both parts and cut.
- STEP 2** Install the door assembly following the appropriate CrystalLine framed or frameless hinge door instructions using the header (S) and using the threshold and insert (A) in place of the threshold (A) shown in the instructions.
- STEP 3** If the Transom glass is customer supplied, assemble the transom door glass (X) into the transom hinge stile and assemble the transom hinge the same way a vertical frameless door is assembled. Otherwise, the transom will be shipped assembled.
- STEP 4** Assemble the holder and pad (U) to the center of the transom glass (X) capturing the keeper assembly between the holder and the glass edge. An equal length of the keeper should protrude on each side of the holder.
- STEP 5** Install the transom magnet (V) in the center of the steam insert (R) and install equal lengths of the strike/steam seal (T) on each side of the magnet. Snap the steam insert (R) into the header (S).
- STEP 6** Slide the strike/steam seal (T) into the transom strike (P). The length of the strike seal is to be cut about 1" shorter than (P) to allow for the width of the transom hinge assembly. Slide the transom strike (P) onto the wall jamb and rest it on top of the vertical hinge assembly. Fasten the transom strike (P) to the wall jamb making sure it aligns vertically with the door hinge jamb. Use the 8 ½" long tek screws (Y) for this purpose.
- STEP 7** Fasten the transom support (Q) to the flanges of the transom strike (P) and full length strike (N) using four #8 x ½" tek screws (Y). Fasten the transom support (Q) to transom strike (P) first, using only one screw. The bottom edge of the transom support (Q) must be even with the bottom edge of the transom strike (P). Level the transom support (Q) and fasten the opposite end to the full length strike (N) using two #8x½" tek screws (Y). Now put the second screw through the flange of the transom strike (P) into the other end of transom support (Q). Install the flexible seal (M) to the underside of the transom support (Q) using VHB double-sided adhesive tape.  
**NOTE: This job is made easier by drilling 1/16 dia. pilot holes through both the strike jamb flanges and the transom support legs.**
- STEP 8** Install the transom door assembly (X) by sliding the hinge jamb over the horizontal transom support (Q). Adjust the door so the vertical glass clearance is even on each side and closes against the magnet (V). Adjust for about 1/16" clearance between the holder (U) and the steam insert (R). Fasten the hinge jamb to the transom support (Q) using two #8x½" tek screws (Y).
- STEP 9** Fasten both ends of the transom keeper (O) to the header (S) using #6 x 3/8" tek screws (Z). The screws should be placed 5" to 6" apart in the horizontal center on the inside of the header (S). Make sure the keeper line lengths are equal on each side of the holder.
- STEP 10** Install the optional, customer-supplied knob (W) on the inside of the transom glass.

**PARTS LIST**

A	Threshold/Insert	2	T	Steam Seal	3
N	Door/Transom Strike	1	U	Strike Plate Holder/Pad	2
M	Flexible Seal w/ Tape	1	V	Magnet Assembly	1
O	Keeper Assembly	1	W	Knob	1
P	Transom Strike	1	X	Transom Assembly	1
Q	Transom Support	1	Y	#8 x 1/2" Tek Screws	7
R	Steam Insert	1	Z	#6 x 3/8" Tek Screws	2
S	Header	1			

