

Other HEMCO Products



UniFlow CE AirStream



UniFlow LE AirStream



UniFlow SE AirStream High Performance Energy Efficient Laboratory Fume Hoods



UniFlow LE FM

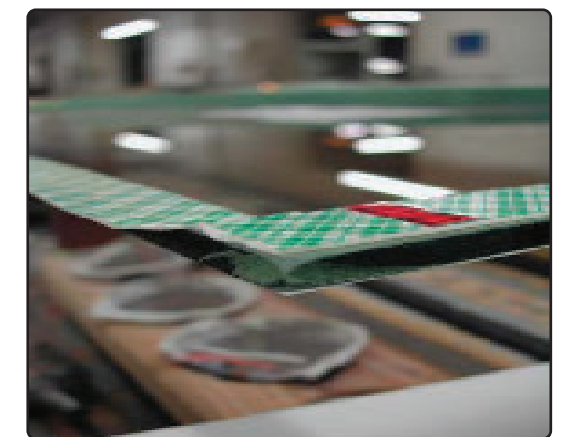


Safety Equipment



Sash Glazing Instructions

- Once the sash is removed from the hood.
- Wearing the appropriate safety protective equipment, gloves, safety glasses, heavy apron, arm protectors, etc.
- Place the sash on a padded surface, it may be helpful to support the sash a few inches off a work surface on padded bricks or boards, etc.
- Use a utility knife, razor knife or sharpened flexible putty knife to cut sealant /tape bond between the glass/acrylic and the gray PVC extrusion. Making sure not to nick the edge of the safety glass or scratch the surface of acrylic.
- Complete on remaining three sides of the sash.
- Remove the gray PVC extrusion from the safety glass/ acrylic.
- Clean interior channels of the PVC extrusion of all old sealant/tape.
- Clean safety glass/acrylic edge of all old sealant/tape.
- If provided insert pins in the four pin holes (1/16") located at the far right and left of the finger pull and at the bottom of the side PVC framing.
- The stainless steel pins are a snug press fit in the 1/16" hole. These pins are used on custom and/or the larger sized sashes.
- Begin assembly of the sash by taking the bottom finger pull PVC extrusion and placing the stainless steel sash cable in the lowest channel, centering the cable length in the center of the finger pull.
- Using provided 3-M tape. Tape the lower edge of the sash glass on both sides (front and back) for the full width of the glass
- Tape the upper edge of the sash glass on only the front for the full width of the glass.



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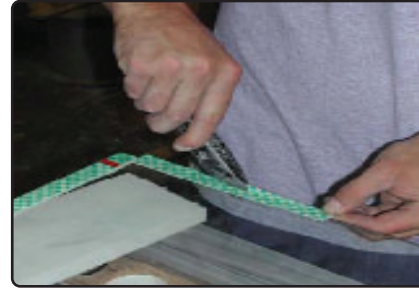
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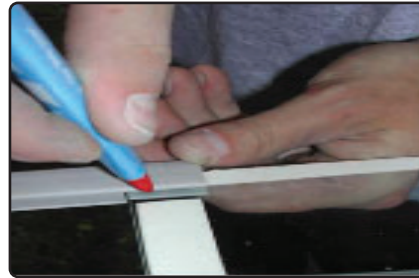


Sash Glazing Instructions

- Tape the left side of the sash with full width tape, but only allow 3/8" to 1/4" of material to be on the front surface of the glass. Trim tape to glass edge with utility knife with new blade. Trimmed section of tape can be transferred to the left side front of the glass or a second strip can be laid down and cut.



- Place the side PVC extrusion on the lower corners of the of the double taped area and mark the area that will be covered by the side PVC extrusions when they are installed. Approximately 3/8" in from the side edges of the glass. Use this to mark to align the finger pull extrusion, while driving it into place.



- Peel the tapes protective layer.

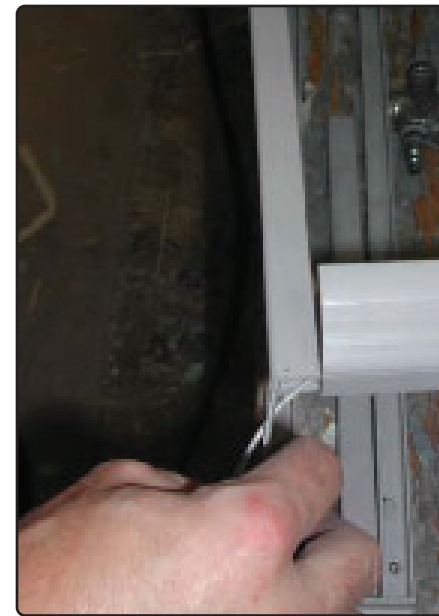
- Place one corner of the finger pull over the double taped lower edge and is aligned with mark from prior step. Use a non-marring or soft rubber mallet to drive the finger pull over the tape onto the glass. Be sure the finger pull is aligned with the marks and fully seated onto the glass



- Next will be the left and right side extrusions. Locate and install these with the pin to the bottom and the notched area to the top back. Be sure to fully seat the PVC extrusions onto the glass.



- Thread the cable up the side PVC extrusions. Be sure the pin is between the cable and the glass at all four of the pin locations. Verify that the pin is supported on both sides by the PVC channel sides.



- Cable leads extending from the top of the sash should be approximately equal.

Sash Glazing Instructions

- Insert the tip of caulk gun tube into the cable channel of the side PVC extrusions at the lower edge of the sash. Fill the cable channel as full as possible with sealant by pumping the caulking gun approximately six to seven times.



- Trim any tape that may be showing outside the PVC extrusions with a sharp razor knife

- Allow the sealant to cure overnight ...6 to 8 hours



- Thread cables over pulley system.

- Determine and mark crimp location with the sash fully lowered...crimp and weight loop would be 3-4 inches past the last pulley location at the rear of the hood.

- Place crimp on cable with suitable crimping tool. If such a tool is not available you can utilize a cable saddle clamp for the cable size. Both crimp and saddle clamps can have a greater margin of safety if cable routing at the crimp/clamp creates a knot if cable slippage should occur.

- Trim excess cable. Note: Some cable routes may require removal of the pulley bolt to thread crimp /clamp through the system.

- Reinstall sash

- Re-hang the sash weight.

- Note: Sash weight may require modification if sash operation is not smooth or if the sash "creeps". This modification is typically adding or removing small amounts of weight. Contact the factory for best way to accomplish this given your fume hood arrangement.

