

## Solexx Louver Installation Instructions (manual or solar-powered) updated 2-9-2021

### Pieces Included:

- 1 – Louver
- 4 – 1" Screws
- 1 – 22 ¾" Aluminum Casing
- 1 – 22 ¾" U-Trim (Conservatory includes 2, 12' pieces)

**IMPORTANT: If installing an Exhaust Fan, the fan will go in the back of the greenhouse in place of the Louver and the Louver will be installed above the door. Do not cut a hole for the Louver if you have purchased or are considering purchasing a 16" or larger fan.**

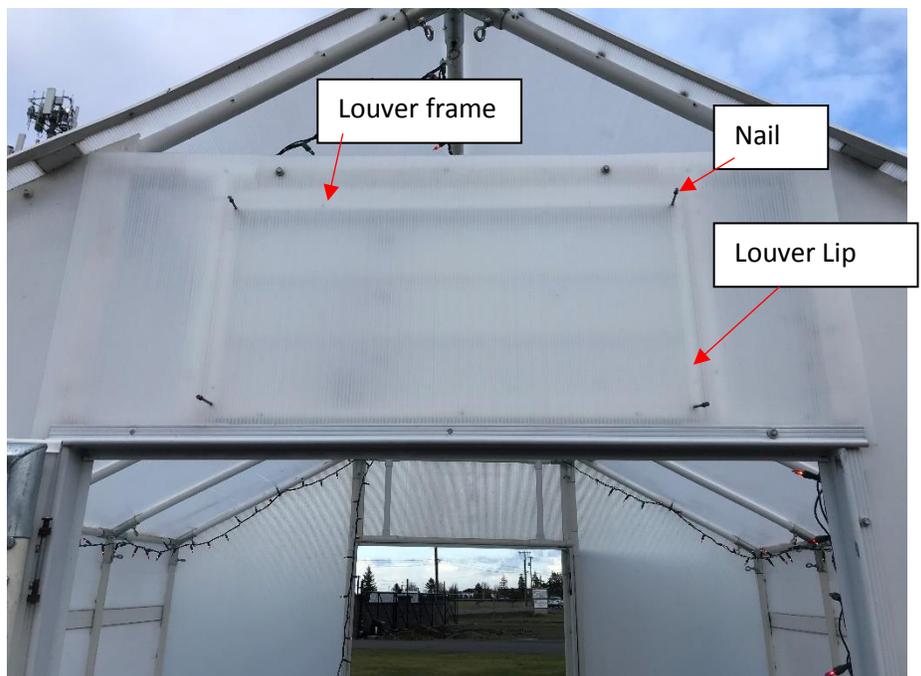
1. Using electric drill, remove Screws and Aluminum Casing from the Louver. If you have a Solar-Powered Louver, remove bottom screw on the solar opener and discard the 2" PVC piece.
2. **Gardener's Oasis, Garden Master, Conservatory Greenhouses:** From inside the greenhouse, set louver into space above the 35 ¾" PVC tubing (*for Conservatory Greenhouses, 57 ½" Center Connecting Support above center bench*) and between the 12 ½" PVC tubing of the back endwall. The louver should rest on the lower 35 ¾" PVC tubing (57 ½" tube *for Conservatory Greenhouses*). Adjust 12 ½" PVC tubes (by taping and sliding them) so they fit as snugly as possible against the louver sides. Attach the louver temporarily to the 12 ½" PVC tubes with 1" Screws (see image pg 3).

**Harvester Greenhouse:** From inside the greenhouse, set louver into space between the 28" PVC tubes on the back endwall. The louver should rest on the lower 28" PVC tubing. Adjust the tubing up (by gently taping) so the louver fits as snugly as possible between the 28" PVC tubes. Attach the louver temporarily to the 28" PVC tubes with 1" Screws. (see image page 3).

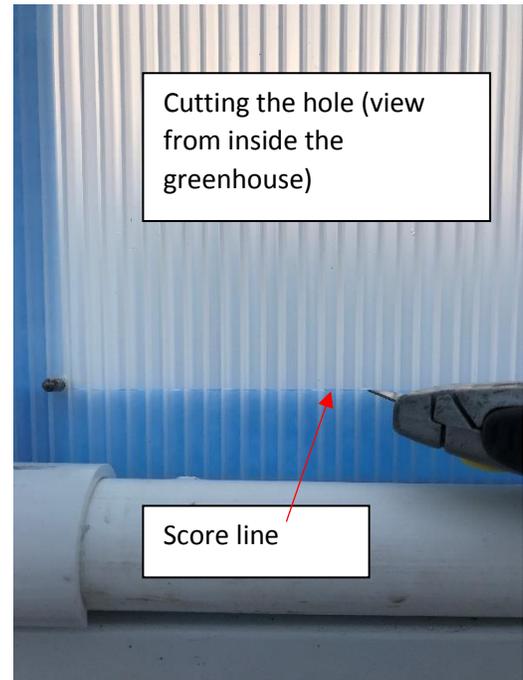
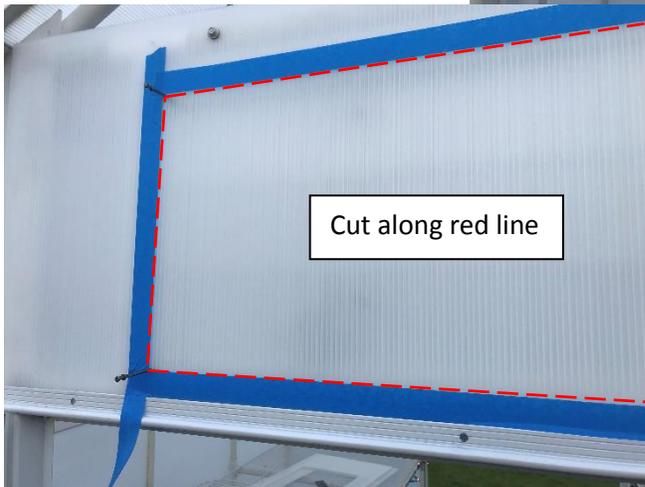
3. From outside the greenhouse identify the inner corners of the Louver frame. *Hint: If having trouble seeing it through the panel, tape blue painting tape around the Louver corners.*

Use a hammer to **gently** tap a nail about ¼" through the Solexx panel of each inner corner of the Louver.

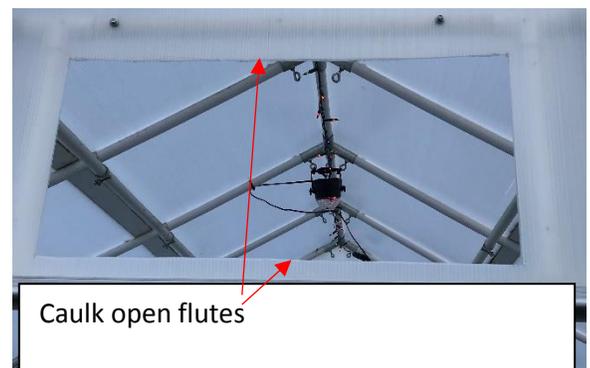
4. Remove Louver from inside the greenhouse (This will protect Louver from getting damaged while cutting the hole).



5. Create a cutting line by taping blue tape across from the outer edge of one screw to the next, making a rectangle. As an alternative, you can use a straight edge and draw a straight line on the panel with a dry erase marker.



6. Follow the inside edge of the tape with a sharp knife and slowly cut being careful at the corners over cut. It works well to score the material lightly on the first pass and go over the score multiple times. When cutting across the top and bottom, don't worry if your cut is not perfectly straight, it will be covered with trim. When cutting on the sides of the template, cut vertically by following a flute.



7. Caulk the open flutes and wait to dry.

8. From the inside of the greenhouse re-attach the louver. Two holes in bottom and one hole on each side (*for Harvester*, attach two screws on top and two screws on bottom). Reattach the 1" Screw to the bottom of the solar opener. (note picture show Solar Powered Louver)



9. From outside the greenhouse, slide the 22 3/4" Aluminum Casing over the bottom of the louver frame (you will need to slightly lift up the bottom louver slat). Line up the Casing holes with holes in the Louver and attach with 1" Screws.



Lift bottom louver slat up slightly to tuck the 1/4" ridge of aluminum casing behind it

10. Slide 22 3/4" U-Trim on the top of the hole opening. The flat edge of the U-Trim faces outside of greenhouse.

