



envisor[®]
SCREENING SYSTEMS

**INSTALL
INSTRUCTIONS**

ENV-QS

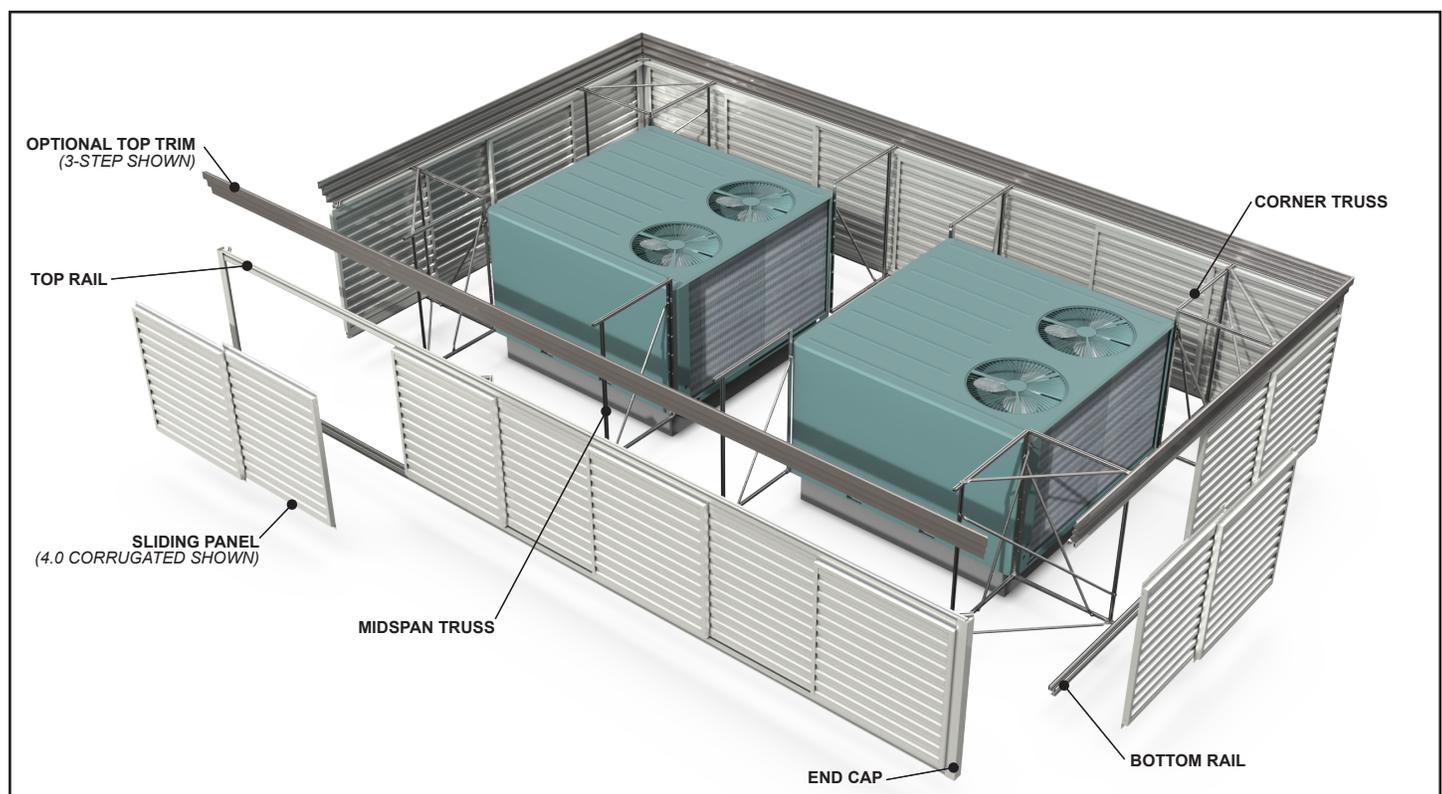
ENVISOR[®] ROOF SCREEN INSTALLATION INSTRUCTIONS

For detailed instructions please visit our our website's resources section. To order a Envisor[®] Roof Screen System for your next project call 877.727.3367 or email contact@cityscapesinc.com.

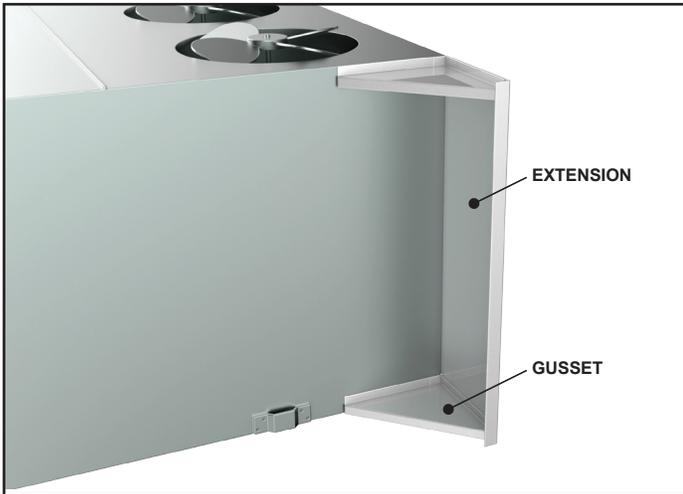
PLEASE NOTE THE FOLLOWING BEFORE STARTING YOUR INSTALLATION:

- All units have their own layout drawings included with the installation instructions. Review the RTU's adjacent perimeter area for obstructions or supply lines that may interfere with the screening components during installation. If allowances were made for any field conditions prior to shipment, the Job Specific submittal drawings will identify equipment specific Midspans or Extensions for your Envisor screen(s).
- If there are multiple RTUs, be sure to match the correct Envisor screening components to the appropriate equipment. Component cartons will be labeled with a Sales Order Number.
- Use **EXTREME CAUTION** when attaching these first components to the RTU with the stainless steel self drilling screws.
- Some equipment may have mechanical operating elements directly behind the areas you are about to drive a screw into (i.e. condensing coils, etc.)
- Be absolutely sure that you are not about to penetrate any of these elements, or impede any access to Service Doors or Disconnect Switches.
- If the electrical disconnect switch is in the way of the corner truss, add the 1.5" tube supplied to all trusses on that side of the RTU

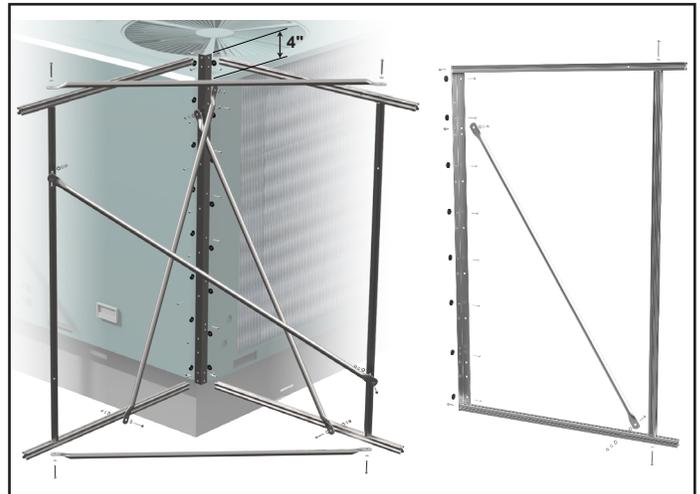
ENVISOR EXPLODED VIEW:



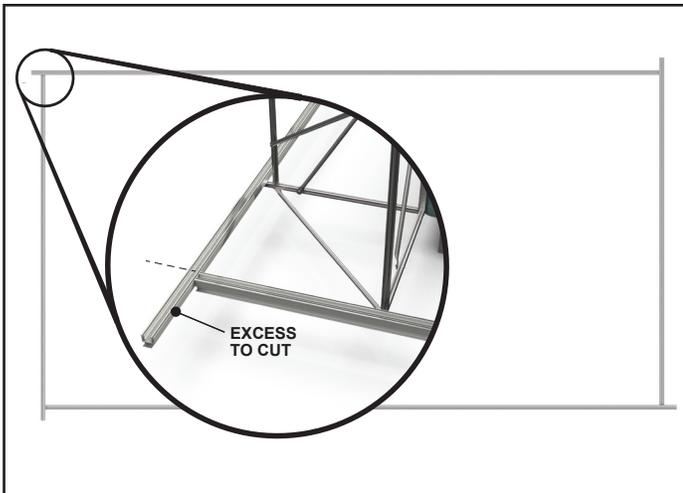
INSTALLATION STEPS:



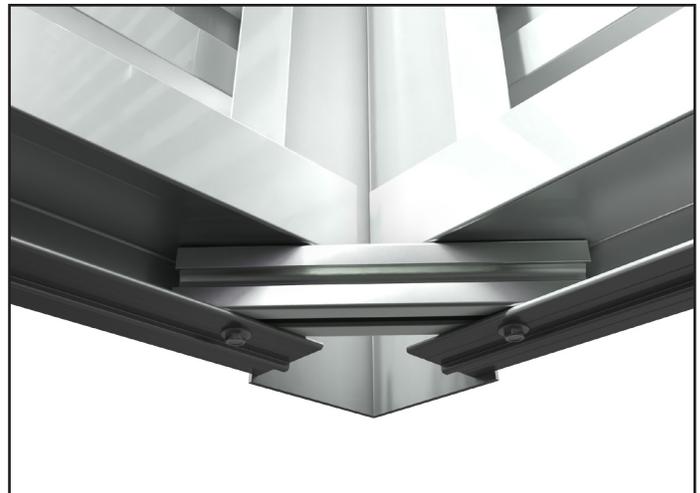
1. If any **EXTENSIONS** or **GUSSETS** are required, install them per the submittal drawings supplied with the kit. Be sure to install these components in the proper locations before attaching the **CORNER TRUSSES**.



2. Build **CORNER TRUSS** and **MID-SPAN TRUSS** according to the detail drawing in your submittal packet before mounting to the RTU. The optimum vertical location for the **CORNER & MID-SPAN TRUSS** assemblies is approximately 4" above the top of the RTU.



3. Temporarily align the **BOTTOM RAIL** making sure to keep all 4 corners of **BOTTOM RAIL** square to each other and fit onto the protrusions of the **CORNER TRUSSES**. **SPLICE** together any **BOTTOM RAIL** as needed.
4. Align one long end of the **BOTTOM RAIL** to be flush and square with the **CORNER TRUSS**. Drill a 5/16" hole for a 1/4"-20 x 1" self tapping screw, and secure the **BOTTOM RAIL** to the **CORNER TRUSS**.
5. Continue installing the **BOTTOM RAIL** at alternating legs of the **CORNER TRUSS** around the perimeter of the RTU, making sure each **CORNER TRUSS** is square to the **BOTTOM RAIL** before drilling and fastening. Then cut the **BOTTOM RAIL** to the inside of the mating rail with a reciprocating or porta band saw.



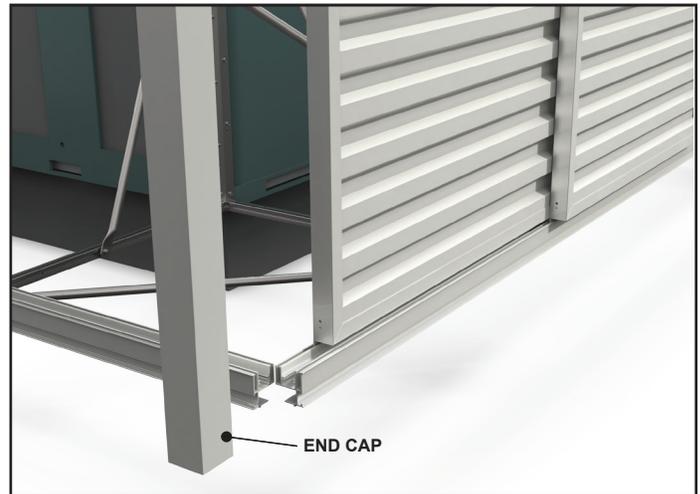
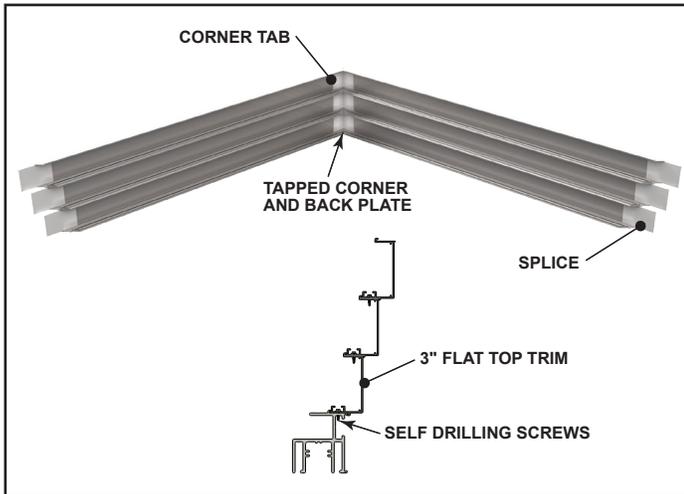
6. After all corners have been trimmed, insert the **CORNER SPLICE** (appx. 6" length of extrusion) into the bottom "C" cavity of the **BOTTOM RAIL**. Predrill a pilot hole in the **BOTTOM RAIL** and secure the **CORNER SPLICE** in place with the Self Drilling screws.

7. The **TOP RAIL** installs the same as the **BOTTOM RAIL**

If the envisor screen is not 4-sided please visit our website to view [detailed instructions on how to place stabilizer braces](#).

If your Envisor System does not use a top trim, skip to step number 10.

INSTALLATION STEPS CONTINUED:



8. Position the Corner Pieces **TOP TRIM** at each corner (as required) and attach them to the **TOP RAIL** with self drilling screws. Cut **TOP TRIM** to length using a power miter saw.
9. Join the Straight Section **TOP TRIM** with the Corner Piece **TOP TRIM** using the **TOP KEYS, BOTTOM KEYS AND SPLICES**. Secure with self drilling screws.
10. Starting at one corner, slide the **PLASTIC PANELS** into the tracks. Be sure to alternate between front and back tracks.
11. With all the infill Panels installed, begin at one corner with an **END CAP**, and position it flush over the ends of both the **TOP RAIL** and **BOTTOM RAIL**. Predrill pilot holes and use the long stainless steel self drilling screws to attach the **END CAPS** to the **RETAINER EXTRUSIONS** at top and bottom.

REPLACEMENT PARTS ORDERING

TO ORDER CALL 877-727-3367

Acrylicap® ABS Series Panel Specs:

Acrylicap® uses .187 acrylic-capped ABS for UV protection. All panels are 45" wide. Standard panel heights are 35", 52", 70". Panels can be stacked for additional coverage. Weight approximately 1.1lbs/sq ft

Metal Series Panel Specs:

Frames are 6063 T6 extruded aluminum. Frame infill material thickness varies depending on infill choice. Sherwin Williams 4000 Series Powder-Coated Components.

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