

CON-VENTS

Made in the USA
Georgetown, California

Installation Instructions Style 52957-I *Patent Pending*

(Installed on an inner rib of the exterior corrugated container wall.)

Tools and stuff you need:

* #2 Phillips screwdriver * 3/8" wrench, socket, or nut driver * Metal cutting saw * 1/4" Drill bit
* Metal file * Cotton swabs * Metal primer paint * Tube of silicone * Safety glasses * Hearing protection

Safety First!!!

Wear safety glasses and hearing protection while installing the Vents.

Vents and screens may have sharp edges. Wear gloves and handle with care.

NOTE: To achieve maximum air flow through the vents, be sure to follow these installation steps. The louvers and screen need to "sandwich" the container wall. Simply attaching the screen to the louvers and "slappin" it on the wall with self drilling screws will severely decrease the amount of air flow through your container. An assistant will be required. For tips, go to www.CON-VENTS.com



Step 1. Choosing a location for the vent.

Choose a location on a wall of your container that is not dented, or if that's not an option, only slightly dented. Using the vent as a template, line up the bends of the vent with the corrugations of the wall. Vent will rest flat, or mostly flat, on the wall depending on your container. Once lined up, mark the 6 holes with a marker. Drill a 1/4 inch hole in the center of each of the 6 marks.



Step 2. Cutting the hole.

From the outside of the container draw a line 1/2 inch above the top holes, and 1/2 inch below the bottom holes. Draw a line 1 inch left of the right holes and another line 1 inch right of the left holes. Or, use 1/2 inch and 1 inch wide masking tape. Using a jig saw, reciprocating saw, or whatever you have to safely cut metal, cut on the lines you drew or at the top and bottom of the tape and the inside edges of the tape on the sides. (The green line is inserted to better show where to cut.) A saw blade with 14 teeth per inch works well for the thickness of your container wall.



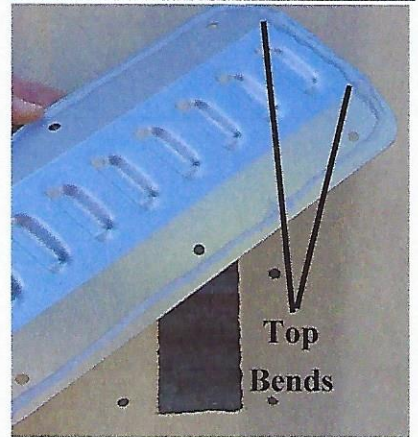
Step 3. Cleaning up the cut.

Once the vent hole is cut, use a metal file to smooth out the edges and remove any burrs.



Step 4. Protecting the bare metal.

Spray some metal primer paint on a cotton swab and dab the primer on the edges of the cut hole, and the drilled holes, to help prevent the bare metal from rusting.



Step 5. Sealing the vent to the container.

Apply a bead of clear silicone, or any color you desire, around the top and sides of the vent. Apply a little extra at the two top bends. Do not apply any along the bottom of the vent.



Step 6. Installing the vent and screen.

Carefully align the vent to the mounting holes. Utilizing an assistant on the inside of the container, align the screen also with the mounting holes. Insert one of the screws through the vent and through the screen. Install a flat washer then a locknut on the screen. Tighten the locknut just finger tight. Install the remaining screws, washers, and nuts. Once all 6 are installed, tighten with a #2 Phillips screwdriver and a 3/8 inch wrench, socket, or nut driver, just enough to bring the vent flat against the container wall. Wipe off excess silicone. If the silicone didn't fill the entire gap between the vent and container on the top and sides, add more as needed. Silicone around the screen as well if it is not flat against the container wall on all 4 sides.



When done, the outside should look like this.

And the inside should look like this.

