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The VentSaver Mounting Plate Kit is an **add-on** product that allows the VentSaver, with or without optional the Wing Kit and Height Extender, to be mounted on most standing seam roof panels without panel penetration.

This plate can also be used on screw down roof panels, when the height extender and/or wing kit is required. **Please note: The Height Extender can only be used with the optional Wing Kit.** The VentSaver Mounting Plate is a necessary option on some screw down panels where modification of wing kit is not desirable.

REQUIRED TOOLS

Safety Goggles, Gloves and Fall Protection
Caulk Gun
Tape Measure
Pencil or Sharpie to mark clamp and base mounting bracket holes
Ratcheting Torque Wrench (capable of reading "inch" in/lbs.)
Cordless Impact Driver with Socket Adapter
Socket Wrench to fit Socket Sizes Below
9/16" Socket for RoofClamps
7/16" Socket & 7/16" Wrench to Attach
3/8" Socket for Tek Screws
5/16" Socket for Cable Clamps
Cordless Drill
1/4" Drill Bit (For SD VentSaver Plate, Fin and Height Extender holes)
1/8" Drill Bit (For Drilling Tek Screw Starter Holes in Plate)
Hacksaw or Chop Saw with Metal Blade

CHOOSING THE VENTSAVER PLATE ATTACHMENT METHOD

Standing Seam Roofs, that can not accept screw fasteners, require the **SS (Standing Seam) VentSaver Mounting Plate** with included roof clamps. Please verify that the roof clamps will fit your seam before ordering.

Screw Down Roofs: When the location of the pipe or chimney makes it difficult to mount the VentSaver base, use the **SD (Screw Down) Mounting Plate.** The SD VentSaver Plate kit may also be considered to avoid modifying the optional wing kit. **The Optional Wing Kit is required when using the C-Kit Height Extender.** Please verify that you have adequate mounting material under-neath of the roof to attach the plate. **Never attach the plate to just the metal roof panel.** It is the responsibility of the installer to fasten the SD VentSaver Mounting Plate into a solid substrate "below the panel" that is adequate enough to support the mounting requirements of the plate. **There must be a minimum of 12 screws installed through the plate, into the substrate or decking be-low.** The installer must verify and confirm that the screws are the correct length and type.

*Make sure all workers are properly harnessed and anchored to the roof according to OSHA fall protection guidelines.

***NEVER use the VentSaver Mounting Plate
as a roof anchor tie-off point.**
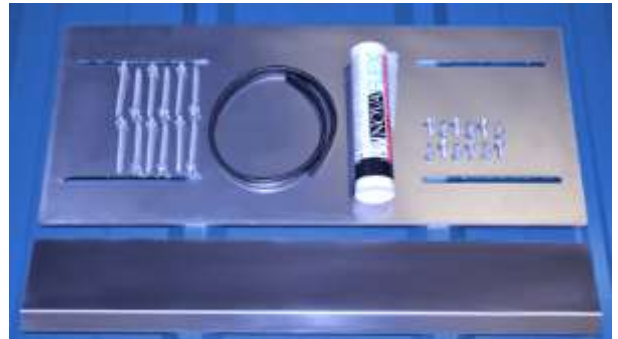
VentSaver Plate Kit Contents

The SS (Standing Seam) VentSaver Plate Kit Includes:

- (1) 1/4" Adjustable Aluminum Plate – 27" wide
- (1) 1/8" Aluminum Ice Ramp w/ edging strip
- (4) RCT Universal fit standing seam clamps
- (12) Tek screws – 1/4" x 1" 3/8" hex head
- (12) Set screws for the clamps – 3/16" hex/allen drive
- (4) 9/16" Hex RCT top bolts with stainless washers
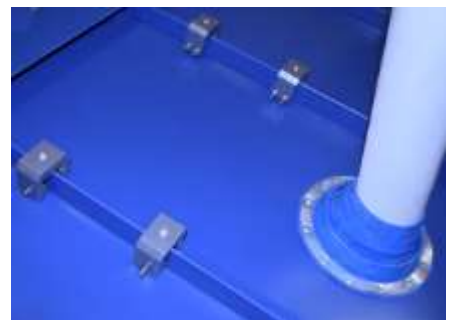- (1) 3/16" Hex bit for set screw tightening

The SD (Screw Down) VentSaver Plate Kit Includes:

- (1) 1/4" Adjustable Aluminum Plate – 27" wide
- (1) 1/8" Aluminum Ice Ramp w/ edging strip
- (12) 3 Inch 1/4-14 Wood Screws w/Neoprene Washers
- (1) Tube of NovaFlex All Weather Silicone
- (12) Tek screws – 1/4" x 1" 3/8" hex head

ATTACH SS (Standing Seam) PLATE to ROOF PANEL

1. The 12" VentSaver base bracket has 6 holes on the horizontal base and 4 holes where it attaches to the fin vertically. Determine which holes will line up best with your application. Take the mounting bracket placement into consideration, if using the optional Wing Kit and/or C-Kit before attachment. **Do not attach the base mounting bracket to the VentSaver plate yet.**

2. With the fin now attached to the base bracket, set the VentSaver base bracket onto the Aluminum Plate with the 6 holes facing down. Align the entire assembly in front of the pipe. Move the Plate until the fin is just touching the pipe. Mark the (6) holes of the Base Angle and mark the location of the 4 RCT clamps on the seams**.**

3. Attach the 4 RoofClamps onto the roof panel using the marks made from the previous step. Hand tighten the 3 RoofClamp cup tip set screws. Loosely attach the plate with the top bolts and washers. Once the exact locations of the clamps are confirmed, remove the 4 top bolts and plate. Torque the RoofClamp set screws to 90 inch pounds. **Do not attach VentSaver Base Bracket until after installing the Ice Ramp.**

ATTACHING SD (Screw Down) PLATE TO ROOF PANEL

Set plate on high seams just upslope of the pipe or chimney to be protected. Adjust the plate from side to side so that it sits on at least three seams. It does **NOT** matter if the vent pipe or chimney does not end up centered in the middle of the plate. Mark the seams of the roof panel, where the plate will be mounted, and mark where the 12 holes will be drilled in the plate. **Remove the plate from the panel** and drill (12) 1/4" holes in the plate. There should be 4 evenly spaced holes in the plate for each seam. Before drilling the holes, make a mark where the VentSaver Base Bracket and Wing Kit will be mounted on the plate as shown in step 1 & 2 on the previous page. Before setting the plate back down on the panel, generously apply the included silicone on the high seams between the marks previously made. Set plate down on panel in the bed of silicone and screw the plate down. The screws are self tapping and should self drill through the panel. **Screws must be fastened into the decking or structural support below.**

This Step is Essential for the SD and SS VentSaver Plate!

The Ice Ramp installation is vital to keep ice from sliding under the Adjustable Aluminum Plate and damaging the base of the pipe and/or the boot. Custom cut into as many pieces as it takes to keep the snow and ice from going under the plate. A Sawzall with a metal blade, handheld angle grinder a with cutoff blade, chop saw, or even a simple hacksaw can be used. Take precautions by using gloves and safety goggles to protect yourself from injury while cutting and installing the Ice Ramp. Slide the rubber edging strip on the custom cut ramp pieces before screwing to the ramp to the plate. To avoid notching out the ramp, attach ramp before attaching VentSaver mounting bracket to plate.
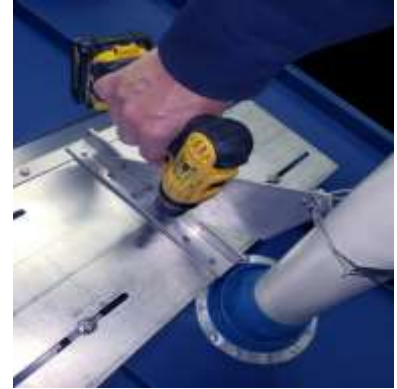

VENTSAVER

SNOBLOX JAX

Install VentSaver to Aluminum Plate

1. **Skip this step if installing the optional Height Extender C-Kit.** Set the base bracket with previously assembled fin on installed plate. Run the cable thru the large hole in the top of the fin, around the pipe and back through the hole. Install a cable lock on either side of the fin as shown, being sure to lock both cables in each cable lock. Vice grips can be used to hold the cable together while you install the cable locks using 5/16" socket and screw gun. Trim off or tuck in the excess cable.

2. With the base mounting bracket in place, predrill one 1/8" starter hole into the plate through the middle hole of the base bracket. Make sure the bracket is straight and predrill each of the 5 remaining holes, with the 1/8" drill bit and install the base mounting bracket with the remaining 5 Tek screws.

Installing "Optional" VentSaver Wing Kit to Aluminum Plate

1. The wing kit is an optional accessory designed to add extra protection for the pipe. It is also a crucial component when adding the Height Extension C-Kit. Fasten the wings to the fin with the 2 longer bolts and nylon lock nuts. Predrill six1/8" starter holes in the plate and install the 6 Tek screws.

Installing "Optional" VentSaver Height Extender C-Kit

1. Remove cable if previously installed. Install upper and lower cable in the upper and lower predrilled holes of the Height Extender C-Kit

2. If the wing kit is in the way, move the fin back 1 hole on the mounting bracket. Predrill 1/4" holes in VentSaver fin after installing cables and confirming placement of C-Kit Height Extender.

3. Install nylon lock nut and washer through the holes and tighten with 7/16 socket and wrench.