

# VentSaver Extreme



## Installation Instructions

**Do not discard these instructions.**

**Please read and fully understand all warnings,  
instructions and regulations prior to use.**



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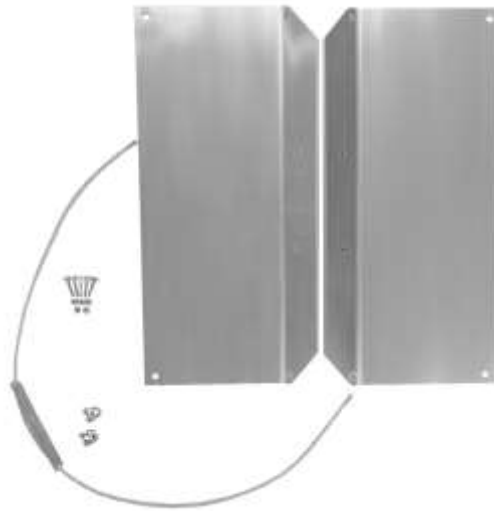
### **REQUIRED TOOLS:**

Safety Goggles, Gloves and Fall Protection  
Caulk Gun  
Tape Measure  
Pencil or Sharpie to mark clamp and base mounting bracket holes  
Drill with 7/16” socket  
7/16” wrench  
Squeeze clamp  
8mm socket for roofing screw installation  
1/4” drill bit  
12” level



**VentSaver Extreme Contents:**

**Upper Chimney Wing Kit is Optional And Not Included Unless Added As An Option To Order.**



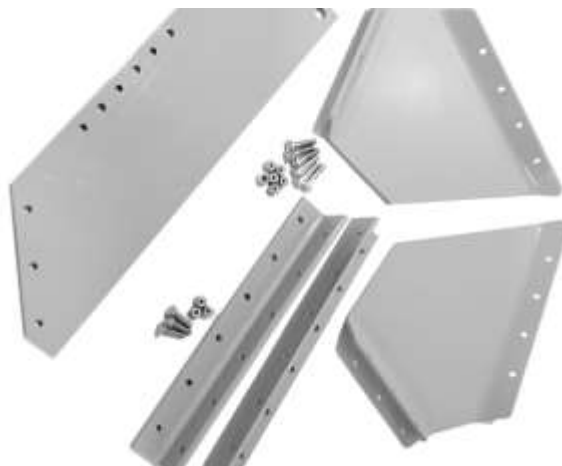
**Mounting Hardware:**

- 20 roofing screws
- 11- 1" bolts with lock nuts
- 4 cable locks
- 2 cables
- 6-8 spacers

**\*Be sure that all roof penetrations are sealed with silicone or roofing sealant during the installation process. This includes both mounting brackets and the lower wing kit mounting screws and spacers.**

**For maximum strength attachment, it is important to get all roofing fasteners fully embedded into at least 2" of solid structural wood. Additional blocking can be added between rafters.**

**We recommend mounting this device on either a VentSaver SD (screw down) Plate or a VentSaver SS (standing seam) Plate depending on your metal roof panel type.**



## Dimensions if installed on a 4/12 pitch roof

Lower wingspan 21.5"  
Upper wingspan 12"  
Fin height 14.5"  
Height with upper wing kit 32"

1. Assemble the two upper wings together with two 1" bolts and lock nuts inserted through the two pre-drilled holes on the 3" flange



2. Place the assembly on top of the temporary wood block so the 3" flange is pointing up-slope, and the V-shaped side is straddling the pipe.



3. Each side of the upper wing has a pre-drilled hole in the top and bottom corner. Slide the cable spacer plate into the center of each steel cable. Now insert each end of one cable into the right and left holes in the upper wings for the upper cable and repeat for the lower cable. From the up-slope side of the pipe, insert both ends of the upper cable through the upper pre-drilled hole in upper wing kit. Use a cable lock on each side of the 3" flange to lock the cable firmly around the pipe. Repeat for the lower cable.



4. Assemble the riser fin to the two mounting bases. The bases can be attached with the fin sandwiched between them or to one side depending on the panel profile you have. The goal is to have the fin as close to the centerline of the pipe as possible but will need to be mounted to a smooth flat surface. Use three 1" bolts with lock nuts in the pre-drilled holes.



5. Place the assembled fin/base up-slope of the pipe with the fin overlapping the 3" flange of the upper wing kit. The upper wing assembly can be adjusted up or down depending on the roof pitch, so the top of the fin overlaps the bottom of the upper wing flange and allows space for three bolts to be inserted in the next steps. Temporarily clamp in place.



6. Use twelve 2" heavy duty roofing screws to secure both mounting bases to the roof. Be sure each screw is fully embedded into structural wood for maximum pullout strength.



7. Check the optional upper wing kit., if used, to be sure it is plumb. Mark and drill using a sharp 1/4" drill bit through all three layers of aluminum. Insert a 1" bolt and lock nut and tighten. Repeat and drill two more evenly spaced holes and use two more bolts and nuts to fully secure the fin to the upper wing kit. Tighten all nuts. Remove the temporary wood block. If upper chimney wing kit is not used wrap the cable around the pipe and secure with cable lock.



8. Lower wing kit consists of a right and left plate. The flanges with 3 holes go up against the fin and the flanges with 4 holes go down across the panel/high rib. If the wings don't line up with the pre-drilled holes on the lower edge of the fin, you will be drilling new holes for a custom fit. You want the down-slope side of the lower wings to be close to the pipe boot so there isn't a large gap for snow and ice to accumulate. With one of the lower wings held against the riser fin, use a 1/4" drill bit through the center factory hole in the wing to drill through the riser fin. Be sure the wing is in the correct position on the panel before drilling. Once drilled, insert a 1" bolt through the wing, fin and then through the opposite wing and secure all three pieces together with a lock nut. Repeat for the other two lower wing mounting bolts.



10. Each of the lower wing flanges requires 4 fasteners. If they cross over a high rib, you will pre-drill a 1/4" hole in the flange so the roofing screw will penetrate the center of the high rib. The other holes will be fastened with screws and spacers filled with silicone or roofing sealant.

