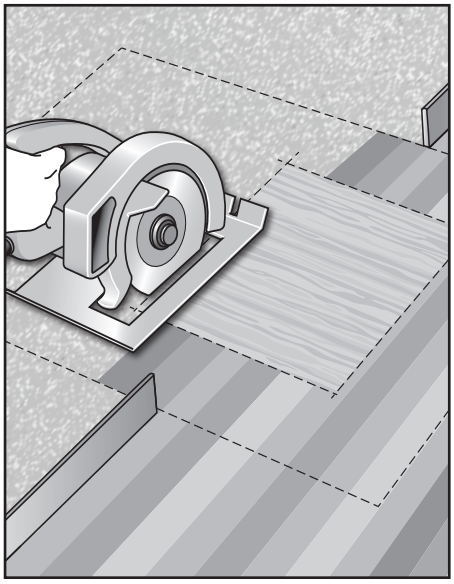
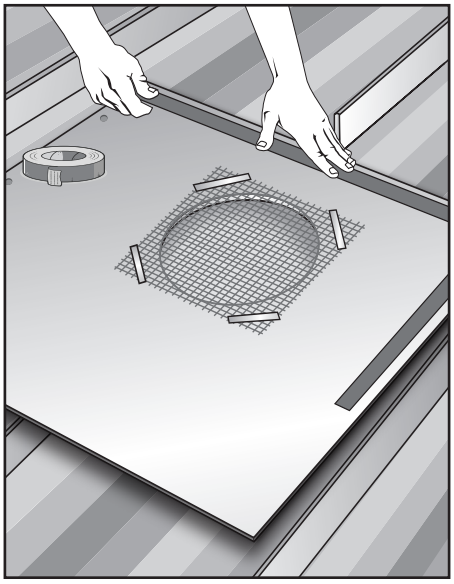
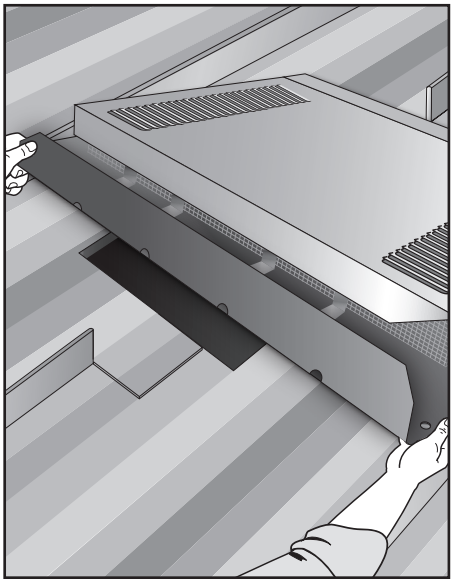
# O'HAGIN CLIMATE-RESISTANT SERIES (CRS) TRADITIONAL, FIRE & ICE AND WEATHER MASTER ATTIC VENTS INSTALLATION INSTRUCTIONS FOR STANDING SEAM METAL ROOF APPLICATIONS



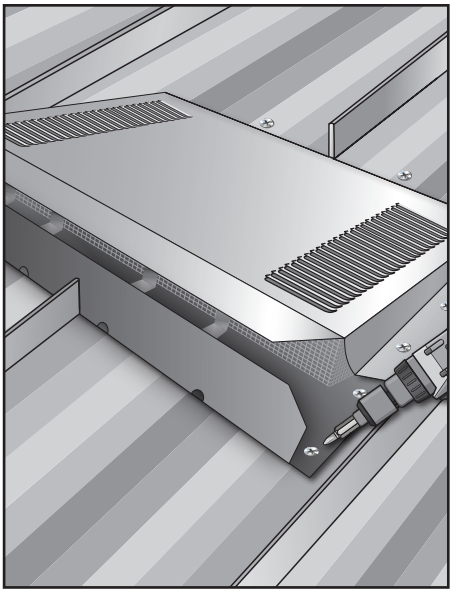
1. **MARK & CUT** the seam 20.5 inches apart, unfold cut seam and flatten to roof deck, continue this cut for 14 inches horizontally across the roof panel in opposite directions of the seam. **MARK** the outline of the vent for placement later and mark the 11 x 11 inch hole in roof panels 4.5 inches from the seam (half of the hole is removed from each roof panel). **CUT** the 11 x 11 inch opening through the roof sheathing, with blade set to thickness of roof sheathing.



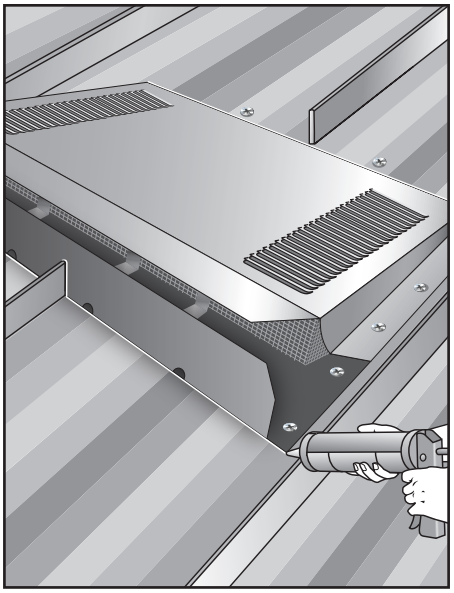
2. **SEAL** by overlapping locally-approved butyl tape around all four sides of wire mesh vent opening as well as the outer flange as shown above. No tape on upper flange of vent.



3. **PLACE** rear flange of vent through the 28 inch cut underneath the upper roof panels, using previously marked outline as a guide until the seam touches the rear lip of the vent cover. Lower vent directly over 11 x 11 inch hole on top of the roof panels, the front diverter should come in contact with lower seam. Apply locally-approved butyl tape across the entire 28" cut where the roof panel over laps the upper flange of the vent.



4. **SECURE** at 4" centers, using locally-approved metal roofing screws of sufficient length to penetrate sheathing.



5. **SEAL** upper and lower seams and metal roof panels overlapping top vent flange and diverter on top of metal roof panels using locally-approved sealant.

**GENERAL INSTRUCTION NOTES:**

1. Class A materials should be used for best results.
2. Do not install vents below areas of concentrated water runoff, particularly if partially under, near, or adjacent to solar array installations. Placement assumes gutters are installed and are in good working order in all applicable areas.
3. Standard installation is at 3:12 pitch or greater.
4. All low vents (intake) shall be uniformly installed within the lower 1/3 of the attic, a minimum of 6 inches above attic insulation. The width of any eave overhang must be taken into consideration so, for example, the insulation does not block the attic vent opening.
5. All high vents (exhaust) shall be uniformly installed within the upper 1/3 of the attic, unless prevented by structural framing or other design limitations.
6. O'Hagin vents are designed to be part of a complete roofing system. Failure to properly install all components will negatively impact overall performance and will void warranty protection.

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