

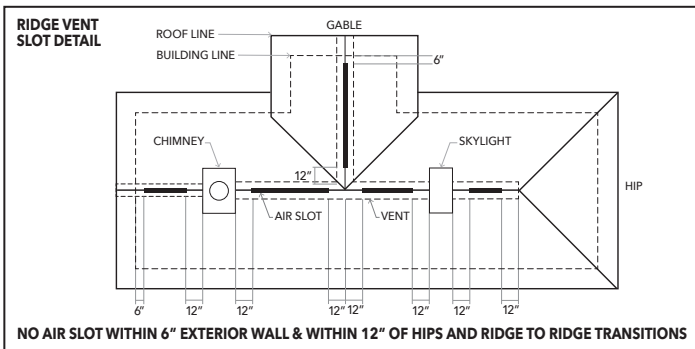
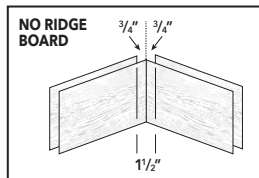
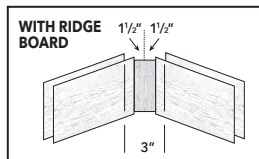
O'HAGIN CLIMATE-RESISTANT SERIES (CRS) TRADITIONAL, FIRE & ICE AND WEATHER MASTER RIDGE ATTIC VENTS INSTALLATION INSTRUCTIONS FOR SHINGLE, SHAKE, SLATE AND METAL ROOF APPLICATIONS



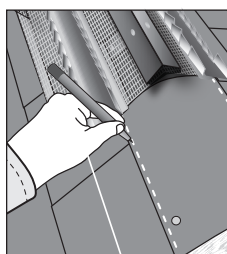
CALCULATE the total linear feet required to meet code.

CUT air slot after determining the type of framing, either ridge board or truss construction. Ridge board construction slot should be no

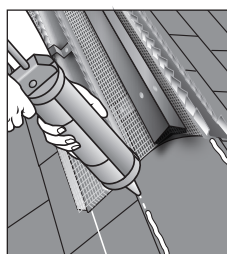
wider than 3", truss construction slot should be no wider than 1-1/2". Chalk lines & set depth of blade to thickness of roof sheathing. CUT ONLY the required amount of linear feet per calculations, starting from the center of the highest ridge in the attic. Remail the roof sheathing to the roof trusses below the cut lines using locally-approved corrosion-resistant nails or screws of sufficient length to pierce through the roof deck by a minimum of 3/8".



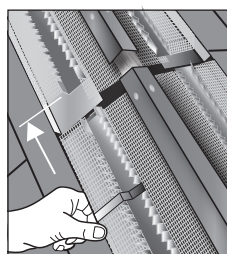
NO AIR SLOT WITHIN 6" EXTERIOR WALL & WITHIN 12" OF HIP AND RIDGE TO RIDGE TRANSITIONS



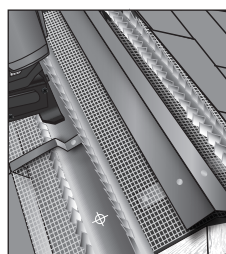
1. MARK alignment & sealant lines on roof deck. Place the primary vent on the ridge, press down firmly on top of the primary vent to conform the vent to the pitch of the roof. Mark leading edge of the primary vent & the nailing slots between the internal diverters (3" from the vent's edge towards the slot in the roof ridge). Chalk all lines along the entire length of the ridge.



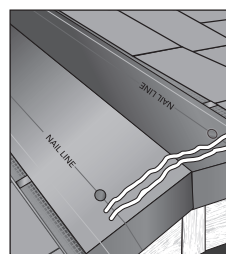
2. SEAL using a continuous bead of locally-approved sealant over the nailing lines along the entire length of the ridge.



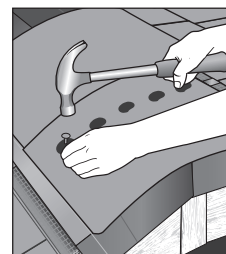
3. PLACE primary vent at the end wall or 12" from any hip, chimney or skylight. Align leading edge of primary vent with previously marked layout lines on the roof. Overlap each additional primary vent section with no greater than an 1/8" gap between each primary vent section. Place all preceding primary vent sections in the same manner along the entire length of the ridge.



4. INSTALL primary vent with locally approved corrosion-resistant nails or screws of sufficient length to penetrate through the roof deck by a minimum of 3/4". Secure by marking 3" from each side of the primary vent & 6" between marks (3", 9", 15", & 21"). Additional fastening over bullseye marks should enhance sheer strength across the ridge of the structure.



5. SECURE secondary vent "cover" in each corner, along NAIL LINE indicators. Fasten using locally-approved corrosion-resistant nails or screws. Apply two beads (1" apart) of locally-approved sealant at each vent cover overlap (minimum 2"). Ensure a minimum of 2" transition from the top of the primary vent down the rake (gable end) and 12" prior to a hip, chimney or skylight. See steps 5a. End Cap and 5b. Mid Roof transitions below.



6. COVER vent with ridge cap shingles. Apply locally-approved sealant on top of vent cover, below the starter shingles at each end cap or mid roof transition. Secure ridge cap shingles using 2-1/2" or 3" locally-approved corrosion-resistant nails or screws depending on shingle and deck depth. Ensure the width of ridge cap shingles doesn't block ventilation slot.

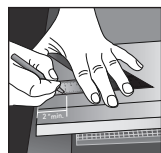


SCAN THE CODE FOR OUR EASY, STEP-BY-STEP INSTALL VIDEOS

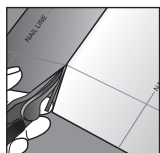
END CAP & MID ROOF VENT COVER TRANSITION INSTRUCTIONS

The steeper the roof pitch, the wider the angle on the cut from the edge of vent cover towards the center of the minimum bend mark of 2". **MARK** the angle of the cut in towards the center of the vent cover, depending on the pitch of the roof. **TRIM** the angular cuts at the end of the vent cover. **BEND** both sides of the vent cover down slightly past 90 degrees to close the edge of the primary vent. **SEAL** all angular cuts on the side under the vent cover. **SECURE** with four 2-1/2" locally-approved corrosion-resistant nails or screws at each corner of the vent cover. Lastly, cover with ridge cap shingle per manufacturers instructions.

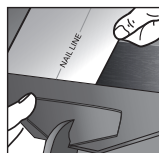
5a. END CAP



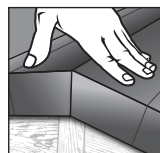
MARK



TRIM

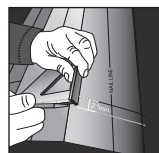


BEND

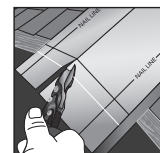


SEAL/SECURE

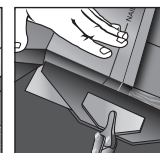
5b. MID ROOF



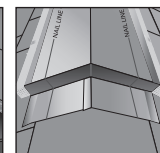
MARK



TRIM



BEND

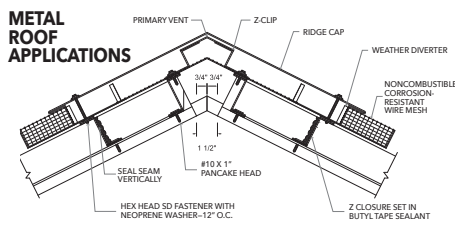


SEAL/SECURE

GENERAL INSTRUCTION NOTES:

- Class A materials should be used for best results.
- Standard installation is at 2:12 pitch (minimum 3/4" ventilation slot) to an 18:12 pitch (maximum 1-3/4" ventilation slot).
- Do not install vents below areas of concentrated water runoff. Placement assumes gutters are installed and are in good working order in all applicable areas.
- 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.
- 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.

METAL ROOF APPLICATIONS



INSTALL primary vent directly over z closure. **SEAL** on top of z closure with a continuous run of locally-approved butyl tape. **PLACE** primary vent nail line directly over z closure and press down firmly. **COVER** the ridge cap directly over the primary vent (minimum 3/4" ventilation slot). **SEAL** all over laps and end caps with two beads of locally-approved sealant (1" apart). **SECURE** with locally-approved corrosion-resistant hex head fastener with neoprene washer of sufficient length to penetrate through the ridge cap, primary vent and z closure by a minimum of 1/4".

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