CRV: Aluminum Ridge Vent

FOR ROOFS 3/12 TO 5/12 PITCH

INSTALLATION INSTRUCTIONS

To meet typical residential code requirements, a balanced ventilation system (50% top vent - 50% eave vent) must be installed. When these requirements are adhered to, CRV Ridge Vent will meet or exceed virtually any code requirements and will meet typical roof shingle warranty ventilation requirements.

INSTALLATION HIGHLIGHTS

- 1) Use 1½" roofing nails or #8 x 1½" long aluminum screws to fasten CRV Ridge Vent to roof. Fasten on 12" or 18" centers, depending on contour of roof.
- 2) For installation on asphalt shingles, slate, machine split shingles or other smooth surfaces, caulking is not required between the vent and roof surface.
- 3) Where architectural design asphalt shingles or uneven patterns are used, the open area between the flange of the vent and the surface of the roof must be sealed to prevent infiltration.
- 4) CRV Ridge Vent must be supported to the throat by the roofing materials. The slot that the vent sees must be 11/2" minimum (truss construction) to 3" maximum width (ridge pole construction).
- 5) Whenever possible, a plumb cut should be used to keep the slot as narrow as possible.
- 6) To help ensure trouble free operation, an equal amount of soffit venting must be used.
- 7) Make all existing roof and/or gable end vents inoperable by plugging or blocking to prevent short circuiting.
- 8) Install connector straps at joints and at each end of the vent run.
- 9) When installing straps at joints and ends, care must be taken not to distort or crush CRV Ridge Vent.
- 10) For best appearance, run CRV Ridge Vent to ends of roof.
- 11) IMPORTANT: Local building codes should be checked prior to installing CRV Ridge Vent in order to ensure compliance. CAUTION: These installation instructions may be subject to modification as a result of local build-ing code requirements in some areas (for example, hurricane areas).

SPECIAL INSTRUCTIONS

Hip Roofs: Conventional Attic

Cut slot either side of ridge centerline and to within 6" of end wall or hip intersection. Run vent to end of ridge.



Hip Roofs: Interior vaulted ceilings - see inside

"L" and "T" Shaped Roofs

Cut slot and run CRV Ridge Vent across long ridge. On short ridge, cut slot to within 12" of junction point and run vent from end of roof to butt against crossing CRV Ridge Vent.



Chimneys

Cut slots to within 12" of chimney. Run CRV Ridge Vent from end of roof to butt against chimney.



Solid line indicates CRV Ridge Vent

Typical CRV Ridge Vent Installations:

NOTE: Sheath opening must be 1½" on truss construction, 3" on ridge pole construction. If slot is wider than specified, cantilever roof materials over slot to fully support the nailing flange up to the throat. This holds the vent firmly in place and prevents leakage at section seams. CRV Ridge Vent is always self-flashing. Felt and shingles are laid up to the slot.



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