

V-300[®] Covers all the Angles

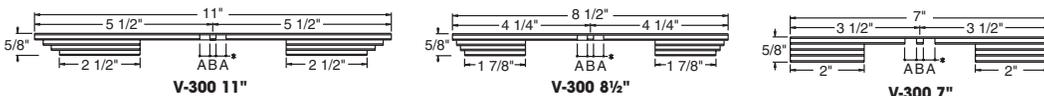
COR-A-VENT[®]
I N C O R P O R A T E D

- Low-Profile 5/8" Ridge Vent
- Great Value - V-300 is a Best-Seller!
- Easy-to-apply 4-foot sections - Power Nailable
- Perfect for use on hips roofs & cathedral ceilings
- Works on steep-pitch roofs - up to 16/12¹



Freedom... in architectural design calls for flexibility and Cor-A-Vent's V-300[®] ridge vents deliver the unique flexibility to adapt to just about any roof design – whether on new construction or when re-roofing. V-300 is low profile (5/8" high) and recommended for hard to ventilate roofs, such as cathedral ceiling and hip roofs. V-300 ridge vents are available in 11", 8 1/2" and 7" widths and work great with 3-tab or architectural shingles as well as cedar shake, slate, flat tile and metal roofs.

Protection... is what COR-A-VENT offers with our enhanced V-300E snow screen to keep out wind-driven precipitation. The highly breathable filter will allow hot, moist air out, but won't let weather into the attic – recommended for hip applications.



* A=5/16" * B=3/16"

Enhanced products measure the same dimensions as standard products.

V-300 - 4' Stick Products (regular & enhanced)

| | |
|--------------|---------------|
| V-300 11" | V-300E 11" |
| V-300 8 1/2" | V-300E 8 1/2" |
| V-300 7" | V-300E 7" |

V-300E



¹ 3/12 to 16/12 pitch roofs – 5/12 minimum on hip applications.

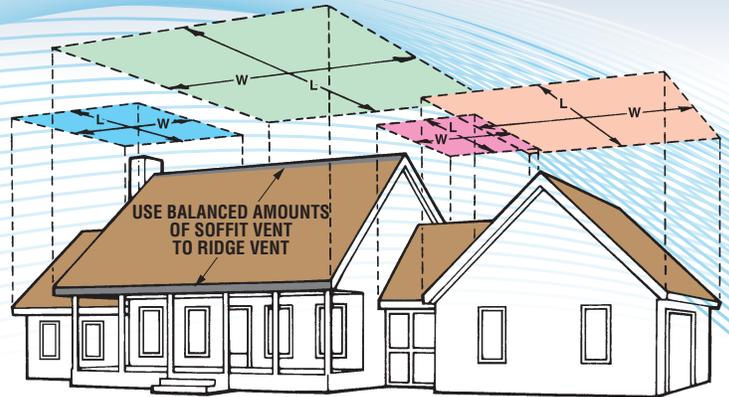
Balanced ventilation – The right proportion of venting

Cor-A-Vent® has promoted and taught **balanced ventilation** from the day we started. It's a concept all vent manufacturers readily endorse. Unfortunately, that information doesn't always end up in the hands of the person designing the building or installing the vents. Balanced venting helps ensure the performance you expect from ridge venting – uniform, increased airflow through the roof cavity without weather infiltration.

Balanced Venting: An equal or greater amount of vent opening (square inches net free vent area/NFVA) in the soffit (intake) than at the ridge. For example, our V-300 products have 13.5 square inches NFVA per lineal foot. To balance this, you need 2 soffit/eave/intake vents of at least 6.75 square inches per lineal foot.

Balanced Venting: Continuous soffit vents are recommended, especially for venting cathedral ceilings. Wherever there is ridge vent above, there should be soffit/eave/intake vents on the structure below.

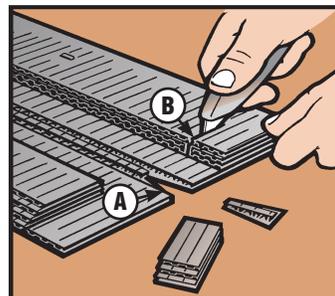
Also, COR-A-VENT **strongly recommends** using one of our V-300 products (available in 11", 8½" or 7" widths) on cathedral ceiling and hip roof applications. V-300 delivers 13.5 square inches NFVA. Because the volume of space to be vented in cathedrals is smaller, a lower profile (5/8") vent is needed to further reduce the chance for infiltration. **When installing a ridge vent system, all other vent openings (except soffits) must be closed off.**



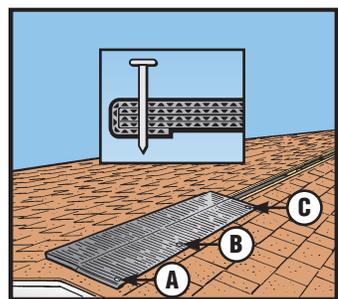
If architectural shingles, shakes or roofing with an irregular surface is used, apply a bead of caulk to roof deck before installing vent. This will seal any gaps that could allow weather penetration under the vent.



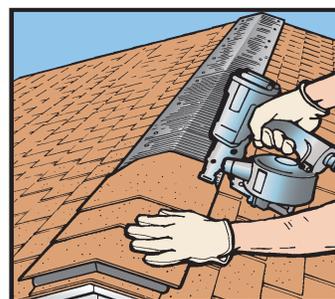
1. Measure a 3" slot, 1½" each side of ridge centerline. This allows for a 2x ridge board or smaller. Snap chalk lines the entire length of the ridge. Cut slot with a circular saw and clean out debris. Set saw depth so as not to cut roof rafters. Stop the slot 12" short of any ridge end, intersecting ridge or obstruction (such as a chimney).



2. Use a utility knife to cut out a "V" shaped notch from the centerline approximately 1¼" in from edge and remove loose material (A). Cut through the bottom 3 layers of the vent as pictured (B) (located approx. 1¼" from & parallel to the end). Remove loose pieces. Be careful not to cut into top layer.



3. Fold flap under and secure with a 2" roofing nail. This allows the nail to penetrate an extra layer of vent material (inset). Align starter end ½" in from edge of roof, and centered on ridge. Be sure to caulk between bottom edge of vent and roof. Nail the starter section at points A, B & C, 2" up from edge.



4. Continue to tack nail both sides of entire length of vent. Use nail pattern shown in step 3. Center shingle cap on vent and nail. Continue nailing until all vent is covered with ridge caps. Be careful not to overdrive nail. Nail head should be flush with top of shingle, without indenting it. Pre-forming caps in cold weather helps avoid cracking.

For the best appearance, install V-300 products continuously the entire length of the ridge.

Figuring Your Ventilation Needs:

V-300 has 13.5 square inches NFVA/lineal foot

$$\text{V-300: } \frac{\text{Square footage of building footprint} \times .48}{13.5} = \text{Lineal Feet V-300 needed}$$

Example: 24' x 70' = 1,680 Square Feet
 1,680 x .48 = 806
 806 ÷ 13.5 = 60 Lineal Feet **V-300** needed

The above formulas will give the amount of COR-A-VENT ridge vent needed for a 1/150 vent ratio, provided an equal or greater amount of soffit venting is used. For a 1/300 ratio, (building code minimum) use half the amount of ridge vent.

Note: Code interpretation may vary. Consult your local building dept.

Note: Should you need any assistance in designing your ventilation system, fax or mail a sketch and information to our technical services department. COR-A-VENT will respond with recommendations for your particular building design.

Our website contains a complete listing of application details in .PDF and .DWG formats for viewing or downloading, or call our technical staff at **800-837-8368**.



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COR-A-VENT® products meet or exceed all nationally recognized building codes for ventilation. COR-A-VENT products are covered under the following patents: 5,054,254; 5,339,582; 5,439,417 5,542,882; 5,603,657; 5,704,834; 5,921,863; 6,039,646; 6,213,868; 6,558,251B2; 6,589,113; D465,839 — additional patents pending.