INSTALLATION INSTRUCTIONS

COUGAR® LP RIDGE VENT

Requirements:

- Install on pitches 3/12 to 18/12. For pitches greater than 12/12 call technical support at 800-523-5261.
- Must be used with an equal or greater amount of soffit vent.
- 2 inch slot required at ridge.
- Must be installed with minimum nail size of 1-3/4 in.
- Can be installed with a nail gun.
- If installing on dimensional or architectural shingles on new construction, leave felt underlayment about 6 inches long at roof ridge and fold back under the vent. The vent should be installed on top of the felt over the shingles. If re-roofing, caulk between low areas of shingle and underside of ridge vent.
- DO NOT use multiple vent systems such as: Powered Fans, Roof Pots, Turbines, and Gable Vents
- If continuous soffit or fascia vents and ridge vents are used, other vent systems should be removed or disconnected and gable vents should be closed. The use of mixed ventilation systems, such as soffit and ridge vents in combination with a power fan could result in reverse airflow that could result in water leakage into the attic.

Step 1:

Snap chalk line and cut a slot 2" wide total along ridge (or 1" on each side of ridge beam). Allow for a closed area of sheathing 18" at both ends of ridge.

Step 2:

Ridge cap shingles are lapped over end of product and down onto ridge, so no end cap is necessary. Run vent to 12 inches from gable ends. Center vent over slot at one end with flat side facing up. Fasten with two nails; minimum nail size 1 ¾ in. If using nail gun, recommended compressor pressure is between 90 and 100 psi. Roll out length of ridge, pull out slack, and fasten with two nails at opposite ends.

Step 3:

Center ridge cap shingles over vent and install with minimum 1 ¾" nails. Assure nails penetrate into sheathing ¾" or completely through sheathing. Cap shingles can be laid down over end of vent onto ridge out to gable ends.

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COUGAR® LP

RIDGE VENT

STEEP ROOF PITCHES

As a roof's pitch becomes steeper, the effective opening of the slot becomes smaller. To provide effective ventilation, the slot cut must be wider than normal.

CAUTION: on steep pitch roof condidtions verify proper clearance from edge of sheathing prior to nailing.

The following chart gives the necessary measurements for steeper than 12/12 pitches:

PITCH	EACH SIDE
13/12	1 7/16 in *(2 7/8 in total)
14/12	1 1/2 in *(3 in total)
15/12	1 5/8 in *(3 1/4 in total)
16/12	1 11/16 in *(3 3/8 in total)
17/12	1 3/4 in *(3 1/2 in total)
18/12	1 13/16 in *(3 5/8 in total)

Under no circumstances should Cougar Ridge Vent be installed on pitches greater than 18/12. This steep pitch application is for ridge installations only.

The presence of a ridge beam may slightly reduce ventilation effectiveness.