

Product Evaluation

RV108 | 0522

Engineering Services Program

The following product has been evaluated for compliance with the wind loads specified in the International Residential Code (IRC) and the International Building Code (IBC).

This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.

This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code, and the Texas Engineering Practice Act.

For more information, contact TDI Engineering Services Program at (800) 248-6032.

Evaluation ID: RV-108

Effective Date: May 1, 2022

Re-evaluation Date: May 2026

Product Name: Continuous Ridge Ventilators

Manufacturer: Metallic Products
7777 Hollister Street
Houston, TX
(800) 356-7746

General Description:

Continuous Ridge Ventilators: A ventilator for metal roofs. The ventilator is constructed of a 26-gauge steel exterior with 24-gauge, 20-gauge, and 18-gauge die formed steel interior components. The ventilator consists of a steel skirt, damper, rain shield, housing, and bird screen. This evaluation report includes the 9" and 12" throat widths. The ventilator is factory assembled and ready for installation. Ventilator dimensions are shown in Figure 1. The ventilator is 10' long. The ventilators can be used as single units or as a continuous run.

Limitations:

Design Wind Pressure:

Ridgeline Continuous Ridge Ventilator:

- 12" throat: -160 psf
- 9" throat: -180 psf

Roof Slope:

Ventilators may be installed on roofs with a minimum slope of 1:12 and a maximum slope of 12:12.

Installation:

General: The ventilator is installed in accordance with the manufacturer's installation instructions and this evaluation report.

Option 1:

Roof Framing: The roof framing must be minimum 24-gauge steel.

Fasteners: The ridge vent is secured to the roof framing with minimum No. 12 x 1" long self-tapping hex head screws with neoprene washers. Fasteners must be installed through the skirt on each side of the ridge vent and into the steel purlins. The fasteners are located 6" from each end and approximately 12" on center. Fasteners must be long enough to penetrate a minimum of 3 pitches of thread below the steel member.

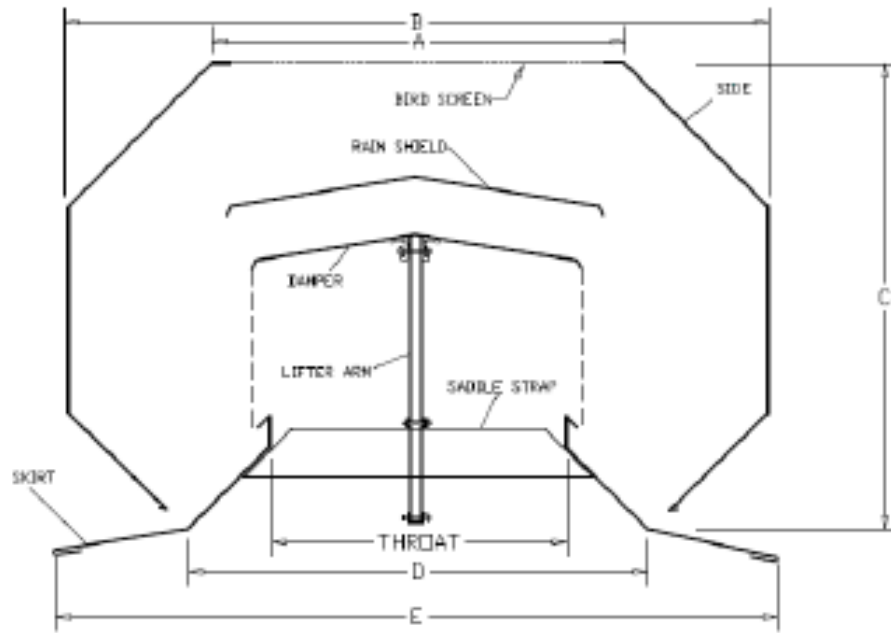
Option 2:

Roof Framing: The roof framing must be minimum Southern Yellow Pine dimension lumber.

Fasteners: The ridge vent is secured to the roof framing with minimum No. 12 x 1-1/2" long self-tapping hex head screws with neoprene washers. Fasteners must be installed through the skirt on each side of the ridge vent and into the steel purlins. The fasteners are located 6" from each end and approximately 12" on center. Fasteners must be long enough to penetrate a minimum of 1-1/4" into the wood.

Note: Keep the manufacturer's installation instructions available on the job site during the installation. Use corrosion resistant fasteners as specified in the IRC and the IBC.

CONTINUOUS RIDGE VENTILATOR



DIMENSIONS

THROAT*	A	B	C	D	E
9"	13"	21-1/4"	14-1/2"	16"	28-1/4"
12"	17"	28-1/2"	18"	20-3/4"	33"

Figure 1. Ventilator Specifications.