



# Product Evaluation

RV108 | 0418

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:** April 1, 2018

**Re-evaluation Date:** April 2022

**Product Name:** Ridge Ventilators

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

### Product Description:

System	Description	Product Type	Length
1	9- inch Throat Ridge Ventilator Flat Skirt	Roof Ventilator for metal Roofing Systems. Minimum 26 gauge steel.	10'-0" single or continuous multiples
2	9- inch Throat Ridge Ventilator Die Formed Skirt	Roof Ventilator for metal Roofing Systems. Minimum 26 gauge steel.	10'-0" single or continuous multiples
3	12- inch Throat Ridge Ventilator Flat Skirt	Roof Ventilator for metal Roofing Systems. Minimum 26 gauge steel.	10'-0" single or continuous multiples
4	12- inch Throat Ridge Ventilator Die Formed Skirt	Roof Ventilator for metal Roofing Systems. Minimum 26 gauge steel.	10'-0" single or continuous multiples

**Roof Slope:** These products may be installed on metal roof systems with a minimum roof slope of 1:12 and a maximum roof slope 6:12.

## Limitations

### Design Pressures:

System	Product	Design Pressure
1	9-inch Throat Ventilator - Flat	-60 psf
2	9-inch Throat Ventilator – Die Formed	-60 psf
3	12-inch Throat Ventilator - Flat	-60 psf
4	12-inch Throat Ventilator – Die Formed	-60 psf

### Product Identification (Manufacturer Label on Vent):

System		
1	Manufacturer's Name	Metallic Products Corp.
	Product Name	9-inch Throat Ventilator - Flat
	Size	21-1/4" x 14-1/2" x 10'-0"
	Test Standards	ASTM E1886 and ASTM E330
2	Manufacturer's Name	Metallic Products Corp.
	Product Name	9-inch Throat Ventilator – Die Formed
	Size	21-1/4" x 14-1/2" x 10'-0"
	Test Standards	ASTM E1886 and ASTM E330
3	Manufacturer's Name	Metallic Products Corp.
	Product Name	12-inch Throat Ventilator - Flat
	Size	28-1/2" x 18" x 10'-0"
	Test Standards	ASTM E1886 and ASTM E330
4	Manufacturer's Name	Metallic Products Corp.
	Product Name	12-inch Throat Ventilator – Die Formed
	Size	28-1/2" x 18" x 10'-0"
	Test Standards	ASTM E1886 and ASTM E330

## Installation

### General:

All requirements specified in the IRC and the IBC must be satisfied and manufacturer's installation instructions followed, unless otherwise specified by this product evaluation.

**Roof Framing:** Minimum 16 gauge steel purlins.

### Attachment of Roof Vents to Roof Framing:

**9- inch Throat Ridge Ventilator - Flat Skirt:** Secured along sides 6" from each end and 12" on center with 1/4" x 1-1/2" long self-tapping hex head screws with neoprene washers into minimum 16-gauge steel purlins.

**9-inch Throat Ridge Ventilator – Die Formed:** Secured along sides 6" from each end and 12" on center with 1/4" x 1-1/2" long self-tapping hex head screws with neoprene washers into minimum 16-gauge steel purlins.

**12-inch Throat Ventilator – Flat:** Secured along sides 6" from each end and 12" on center with 1/4" x 1-1/2" long self-tapping hex head screws with neoprene washers into minimum 16-gauge steel purlins.

**12-inch Throat Ventilator – Die Formed:** Secured along sides 6" from each end and 12" on center with 1/4" x 1-1/2" long self-tapping hex head screws with neoprene washers into minimum 16-gauge steel purlins.

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