

Product Evaluation

RV114 | 0819

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-114

Effective Date: August 1, 2019

Re-evaluation Date: August 2023

Product Name: ShadowHawk LPG72 Static Roof Vent

Manufacturer: Air Vent, Inc.
4117 Pinnacle Point Drive
Suite 400
Dallas, TX 75211
(214) 630-7377

General Description:

The ShadowHawk LPG72 static roof vent is an exhaust vent or intake vent that is roof mounted. The vent is manufactured of galvanized steel and is low profile.

The vent is 41.2" long by 20" wide by 2-1/2" high. The vent is manufactured of minimum 0.019" thick galvanized steel.

Limitations:

Design Pressure:

Vent	Design Pressure
LPG72	-210 psf

Roof Slope: The minimum roof slope is 3:12. There is no maximum roof slope limitation.

Installation:

General Installation Instructions: 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.

Attachment of Roof Vents to Roof Deck:

Install the roof vent in accordance with the manufacturer's installation instructions and this evaluation report. The roof deck must be minimum 3/8" OSB solid roof deck. A thicker OSB or plywood deck may be used. Secure the roof vent to the roof deck with minimum 1-1/4" long x 0.120" shank diameter x 0.375" head diameter, ring shank roofing nails. The fasteners are located on the centerline of the flange, spaced 4" from each corner and 4" on center on three sides of the vent. The fasteners must be long enough to penetrate complete through the roof deck. Place a bead of caulk over the top of the nails.

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