

Product Evaluation

RV22 | 0220

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-22

Effective Date: February 1, 2020

Re-evaluation Date: February 2024

Product Name: Model 135 Static Roof Vent and Model 2000 Powered Roof Vents

Manufacturer: Lomanco, Inc.
2101 West Main Street
Jacksonville, AR 72076
(501) 982-6511

General Description:

The Model 135 and the Model 2000 roof vents are aluminum roof vents with dimensions of 20" x 23" x 8". The Model 135 and the Model 2000 are the same roof vent with the exception the Model 2000 has a motor and thermostat.

Limitations:

Design Pressure: -100 psf

General: The roof vents must be installed on composition shingle roofs only.

Roof Slope: This product must be installed on roofs with a minimum roof slope of 2:12 and a maximum roof slope of 16:12.

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. The roof vent must be installed in accordance with the manufacturer's recommended installation instructions with the following exceptions:

Roof Deck:

The roof vents must be installed on a minimum 7/16" wood structural panel roof deck.

Anchorage:

The vent flashing must slide under the top row of shingles, and rest on the lower row of shingles with the vent throat centered over the cut hole.

The roof vents must be fastened to the roof deck with a total of ten (10) 1-3/4" x 0.120" diameter x 3/8" head smooth shank galvanized roofing nails spaced 1" and 8" from each end of the base long dimension and midspan of the short dimension. The dome must be removed to install nails located beneath dome. The fasteners must be long enough to penetrate completely through the roof deck.

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