

Product Evaluation

RV88 | 0720

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-88

Effective Date: July 1, 2020

Re-evaluation Date: July 2024

Product Name: Model Vektor H and Model Vektor HS Exhaust Fans

Manufacturer: Greenheck Fan Corporation
P.O. Box 410
Schofield, WI 54476
(715) 359-6171

General Description:

Greenheck Model Vektor H and Model Vektor HS fans are belt-driven, tubular, centrifugal, exhaust fans designed to exhaust air from a building. The Vektor HS has Variable Nozzle Technology. The fans are designed to move contaminated exhaust air as well as grease-laden air (example: restaurant exhaust). The Model Vektor H and Model Vektor HS fans are available in sizes 9-36 including 1x1, 2x1, and 3x1 configurations.

Limitations:

- All IRC and the IBC requirements must be satisfied, and manufacturer's installation instructions followed, unless otherwise specified by this product evaluation.
- The products shown in this evaluation report must not be installed on a pitched or sloped mounting surface.
- The maximum design pressure is: ± 140 psf.

- The maximum fan size: Vektor-H 36 and Vektor-HS 36.

Installation:

The units must be installed in accordance with Drawing VK-H-1001 VK-H-1010; titled 'Vektor-H 9-36, Vektor-HS 9-36; sheets 1 through 10 of 10; dated February 2018, signed and sealed by Gustave L. Schmoll, P.E. on May 22, 2020.

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.