

Product Evaluation

RV112 | 0419

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-112

Effective Date: April 1, 2019

Re-evaluation Date: April 2023

Product name: Greenheck Models USF-300, FJC-300, and Accurex XUEF-300 Exhaust Vents

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

General description:

Greenheck Models USF-300 and FJC-300 are belt-driven utility set fans consisting of a single-width, single inlet backward inclined wheel used for supply or exhaust applications of clean to moderately contaminated air. The Accurex Model XUEF-300 is identical to the Greenheck Model USF-300.

Limitations:

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

Roof Slope: The products shown in this evaluation report must not be installed on a pitched or sloped mounting surface.

Design Pressure: The maximum allowable design pressure is: ± 90 psf.

Installation:

Greenheck units must be installed in accordance with Drawing No. FJC-2001, titled "FJC 306-324," sheets 1 through 9 of 9, dated May 2017, prepared by Greenheck and signed and sealed by Gustave L. C. Schmoll, PE on February 28, 2018.

Accurex units must be installed in accordance with Drawing No. XUEF-1001, titled "XUEF-306-324," sheets 1 through 6 of 6, dated July 2017, prepared by Greenheck and signed and sealed by Gustave L. Schmoll, P.E. on February 28, 2018.

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.