

# PRODUCT SPECIFICATIONS

## BIB-12 TURBINE VENTILATOR

### 1.1 MATERIALS:

#### **1.1.1 Aluminum Alloys:** Conform to ASTM B209 and ASTM B221.

Vanes: 0.019" Aluminum Coiled Sheet.

Base: 0.024" Aluminum Coiled Sheet.

Elbow: 0.0305" Aluminum Coiled Sheet.

Rotor Band: 0.0305" Aluminum Coiled Sheet.

Dome: 0.032" Aluminum Coiled Sheet.

C-Brace: 0.125" x 0.500" Aluminum Extrusion.

Rotor Bracket: 0.125" x 0.500" Aluminum Extrusion.

Shaft: 0.500" diam. Aluminum Extrusion.

#### **1.1.2 Paint:** Factory applied baked on Valspar Super.

#### **1.1.3 Bearings:** 100 Grade 302 series stainless steel balls in fully machined raceways. Concentric to 0.0015". Dupont® Delrin inner and outer bearing rings. Turcon® Seals. Self-lubricated Turcite® bearing cage. Manufactured entirely in the USA.

### 1.2 MISCELLANEOUS:

#### **1.2.1 Description:** Internally braced, self-flashing roof mounted turbine attic ventilator. Adjustable to roof pitches up to 12/12. Features an all aluminum construction, riveted at every connection; permanently lubricated upper and lower ball bearings; 21 air-foil curved vanes with rolled edges to deflect water. This is an exhaust vent and must be used in conjunction with adequate intake vents for proper operation.

#### **1.2.2 Color:** Available in BROWN, WHITE, BLACK, WEATHERED BRONZE, and MILL finish.

#### **1.2.3 Dimensions:** Overall – 20" x 20" x 17-1/4", Hole Size – 12"

#### **1.2.4 Packaging:** Packaged one to a carton. UPC labels are affixed to each carton.

#### **1.2.5 Warranty:** Limited lifetime warranty.

#### **1.2.6 Performance:** Passed Miami-Dade County test requirements for structural uplift and wind driven rain infiltration.

#### **1.2.7 Approvals:** Miami-Dade County Approved – NOA No.: 20-0218.04, expires: 08/16/2021. Texas Department of Insurance "Windstorm" Approved – Product Evaluation Report No.: RV-12.



P.O. Box 519  
Jacksonville, AR 72078  
1-800-643-5596 phone  
501-982-1258 fax

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