

# PRODUCT SPECIFICATIONS

## OSV-40 OMNI SOLAR VENT POWER VENTILATOR

### **1.1 MATERIALS:**

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

Base: 0.0305" Aluminum Coiled Sheet.

Dome: 0.051" Aluminum Coiled Sheet.

Fan Blade: 0.039" Aluminum Coiled Sheet.

Panel Mounting Brackets: 0.061" Aluminum Coiled Sheet.

Screen: 16x18 mesh Aluminum Screen.

#### **1.1.2 Plastic Polymers:**

Motor Mount / Rain Shield: High molecular terpolymer (ABS) with UV stabilization additives.

#### **1.1.3 Paint:** Factory applied baked on Valspar Super Flex.

### **1.2 MISCELLANEOUS:**

**1.2.1 Description:** Self-flashing roof mounted solar-powered attic exhaust vent. Features a one piece drawn dome, one piece drawn base, and one piece molded continuous rain shield/motor mount. The motor mount/rain shield and the dome are attached to base with screws. Double row of screen is secured in place around the rain shield and covers the entire vent opening. Includes a 40 Watt solar panel and mounting brackets for roof mounted installation. 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.

**1.2.3 Panel:** 40 Watt, poly-crystalline silicon solar cell.

**1.2.4 Motor:** Fully enclosed, thermally protected 24 Volt DC motor.

**1.2.5 Fan Blade:** 5-blade design stamped and formed as one piece.

**1.2.6 Dimensions:** Overall – 33.5" x 33.5" x 6.5", Opening Size – 16", Panel – 26" x 20.5".

**1.2.7 Packaging:** Packaged 1 to a carton. UPC labels are affixed to each carton.

**1.2.8 Warranty:** 10 year limited warranty, 5 year warranty on motor and panel.

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

**1.2.10 Approvals:** Miami-Dade County Approved – NOA No: 17-0321.03, expires: 06/14/22.  
Texas Department of Insurance "Windstorm" Approved – Product Evaluation Report No: RV-34.



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