

## Product Evaluation

RV113 | 0519

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 113

**Effective Date:** May 1, 2019

**Re-evaluation Date:** May 2023

**Product Name:** The Aura Vent Series, The Pop Vent Series, The Keepa Vent Series, The Round Back Vent Series, The Universal Vent Series

**Manufacturer:** Active Ventilation, Inc.  
3111 1<sup>st</sup> Street  
Newburgh, NY 12550-4857  
(214) 630-7377

### General Description:

All ventilation products are manufactured from aluminum. The round gravity ventilator products consist of a spun lid, rainguard, stamped (louvered) wrap-a-round, collar and flange for self-flashing. The wrap-a-round is attached to the collar by screws. This provides the ability to remove the heads if required. The collar is beaded or formed to the flange providing a permanent attachment. Except for units that have 1" collars, the head of the units are beaded right to the flange.

**Aura Vent:** The Aura Vent is a roof mounted attic exhaust ventilator. Diameters range from 4" up to 24" wide. There are also a range of collars from 2" up to 12" high. The collar provides additional clearance for low slope and flat roof installations. Roof slope or pitch capacity ranges from 0/12 to 12/12, see manufacturer's specifications.

**Pop Vent:** The Pop Vent is a roof mounted attic intake ventilator. This vent can also be used as a roof exhaust vent. Diameters range from 4" up to 24" wide. There are also a range of collars from 1" up to 12" high. The collar provides additional clearance for low slope and flat roof installations. Roof slope or pitch capacity ranges from 0/12 to 12/12, see manufacturer's specifications.

**Keepa Vent:** The Keepa Vent is a roof mounted attic exhaust vent. Diameters range from 4" up to 12" wide. There is one collar size of 11" high for all diameters. The collar provides additional clearance for low slope and flat roof installations. Roof slope or pitch capacity ranges from 0/12 to 12/12, see manufacturer's specifications.

**Round Back Vent:** The Round Back Vent is a roof mounted attic exhaust vent. Diameters range from 3" up to 10" wide. There are two collar size options of 2" or 4" high. The collar provides additional clearance for different types of roofing materials. Roof slope or pitch capacity ranges from 2/12 to 12/12, see manufacturer's specifications.

**Universal Vent:** The Universal Vent is a roof mounted off ridge attic exhaust or intake vent. It has stamped louvers and then is bent and formed into the vent. There are no multiple parts providing seamless construction. Lengths range from 23" up to 87" long. Roof slope or pitch capacity ranges from 3/12 to 24/12 (wall mount), see manufacturer's specifications.

| Series    | Models   | Type Vent          | Design Pressure (Psf) |
|-----------|--|--------------------|-----------------------|
| Aura Vent | AV-4-C12   | Gravity Ventilator | +112.5/-112.5         |
| Aura Vent | AV-04-C02, AV-04-C04, AV-04-C06, AV-04-C08, AV-06-C02, AV-06-C04, AV-06-C06, AV-06-C08, AV-06-C10, AV-08-C02, AV-08-C04, AV-08-C06, AV-08-C08, AV-08-C10, AV-08-C12, AV-10-C02, AV-10-C04, AV-10-C06, AV-10-C08, AV-10-C12, AV-12-C02, AV-12-C04, AV-12-C06, AV-12-C08, AV-12-C12, AV-14-C02, AV-14-C04, AV-14-C06, AV-14-C08, AV-14-C12, AV-16-C02, AV-16-C04, AV-16-C06, AV-16-C08, AV-16-C12, AV-18-C02, AV-16-C04, AV-16-C06, AV-16-C08, AV-16-C12, AV-18-C02, AV-18-C04, AV-18-C06, AV-18-C08, AV-18-C12, AV-20-C02, AV-20-C04, AV-20-C06, AV-20-C08, AV-20-C12, AV-24-C02, AV-24-C04, AV-24-C06, AV-24-C08, AV-24-C12. | Gravity Ventilator | +60/-112.5            |

| Series          | Models  | Type Vent      | Design Pressure (Psf) |
|-----------------|---|----------------|-----------------------|
| Pop Vent        | PV-04-C12   | Roof Louver    | +112.5/-112.5         |
| Pop Vent        | PV-04-C01, PV-04-C02, PV-04-C04, PV-04-C06, PV-04-08, PV-06-C01, PV-06-C02, PV-06-C04, PV-06-C06, PV-06-C08, PV-06-C10, PV-08-C01, PV-08-C02, PV-08-C04, PV-08-C06, PV-08-C08, PV-08-C12, PV10-C01, PV-10-C02, PV-10-C04, PV-10-C06, PV-10-C08, PV-10-C12, PV-12-C01, PV-12-C02, PV-12-C04, PV-12-C06, PV-12-C08, PV-12-C12, PV-14-C01, PV-14-C02, PV-14-C04, PV-14-C06, PV-14-C08, PV-14-C12, PV-16-C02, PV-16-C04, PV-16-C06, PV-16-C08, PV-16-C12, PV-18-C02, PV-18-C04, PV-18-C06, PV-18-C08, PV-18-C12, PV-20-C02, PV-20-C04, PV-20-C06, PV-20-C08, PV-20-C12, PV-24-C02, PV-24-C04, PV-24-C06, PV-24-C08, PV-24-C12 | Roof Louver    | +60/-112.5            |
| Keapa Vent      | KV-04, KV-06, KV-08, KV-10, KV-12   | Roof vent      | +68/-68               |
| Round Back Vent | RBV-3-C2, RBV-3-C4, RBV-4-C2, RBV-4-C4, RBV-5-C2, RBV-5-C4, RBV-6-C2, RBV-6-C4, RBV-8-C2, RBV-8-C4, RBV-10-C2, RBV-10-C4  | Static Vent    | +68/-68               |
| Universal Vent  | UV-15   | Off Ridge Vent | +68/-68               |
| Universal Vent  | UV-30, UV-45, UV-60, UV-75, UV-90, UV-105, UV-120, UV-135   | Off Ridge Vent | +51/-51               |

**Product Dimensions:**

| Model         | Base                 | Height  |
|---------------|----------------------|---------|
| AV-04-AV-24   | 9"-24"               | 8"-22"  |
| PV-04-PV-24   | 9"-36"               | 6"-22"  |
| KV-04- KV-12  | 9"-18"               | 15"     |
| RBV-3- RBV-10 | 8"-16"               | 4"-17"  |
| UV-15– UV-135 | 9-1/2" wide 87" long | 3" high |

**Limitations:**

**Roof Deck:** Plywood with a minimum nominal thickness of 15/32".

**Installation:****General:**

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

The manufacturer's installation instructions must be available on the job site during installation.

All fasteners shall be corrosion resistant as specified in the IRC, the IBC, and the Texas Revisions.

**Roof Deck:** Plywood with a minimum nominal thickness of 15/32".

**Attachment of Roof Vent to Roof Deck:** AV-4 through AV-24 and AV-4-C12 and PV-4 through PV-24 and PV-4-C12:

The roof vents are attached to the roof deck with twenty-four (24) No. 10 x 1.5" steel screws. The base of the vent is attached as follows: Screws are placed 1" away from the edge of the vent and approximately every 4-3/4" around the perimeter of the base.

**Attachment of Roof Vent to Deck:** UV-135

The base of the vent is attached to the deck using twenty-seven (27) No. 10 x 1.5" steel sheet metal screws located 1" from the edge of the flange and spaced approximately 3-3/4" around the perimeter of the base.

**Attachment of Roof Vent to Deck:** KV-4, KV-8

KV-4 - The base of the vent is attached to the deck using eight (8) No. 10 x 1.5" steel sheet metal screws located 1" from the edge of the flange and spaced approximately 4" around the perimeter of the base.

KV-8 - The base of the vent is attached to the deck using twelve (12) No. 10 x 1.5" steel sheet metal screws located 1" from the edge of the flange and spaced approximately 3-3/4" around the perimeter of the base.

**Attachment of Roof Vent to Deck:** KV-10, KV-12

KV-10 - The base of the vent is attached to the deck using twelve (12) No. 10 x 1.5" steel sheet metal screws located 1" from the edge of the flange and spaced approximately 4-3/4" around the perimeter of the base.

KV-12 - The base of the vent is attached to the deck using sixteen (16) No. 10 x 1.5" steel sheet metal screws located 1" from the edge of the flange and spaced approximately 4" around the perimeter of the base.

**Attachment of Roof Vent to Deck:** RBV-3-C-4, RBV-5-C4, RBV-8-C4, RBV-10-C4, RBV-10-C2

RBV-3-C4 - The base of the vent is attached to the deck using eight (8) No. 10 x 1.5" steel sheet metal screws located 1" from the edge of the flange and spaced approximately 3" around the perimeter of the base.

RBV-5-C4 - The base of the vent is attached to the deck using eight (8) No. 10 x 1.5" steel sheet metal screws located 1" from the edge of the flange and spaced approximately 4" around the perimeter of the base.

RBV-8-C4 - The base of the vent is attached to the deck using twelve (12) No. 10 x 1.5" steel sheet metal screws located 1" from the edge of the flange and spaced approximately 3-3/4" around the perimeter of the base.

RBV-10-C4 - The base of the vent is attached to the deck using sixteen (16) No. 10 x 1.5" steel sheet metal screws located 1" from the edge of the flange and spaced approximately 3-1/2" around the perimeter of the base.

**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.