

TEXAS DEPARTMENT OF INSURANCE

Engineering Services / MC 103-3A 333 Guadalupe Street P.O. Box 149104 Austin, Texas 78714-9104
Phone No. (512) 322-2212 Fax No. (512) 463-6693

PRODUCT EVALUATION RV-9

Effective August 1, 2002
Revised July 1, 2006

*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 shall be subject to reevaluation 3 years after the effective date.*

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.

The CRV Ridge Vent and the VenturiVent Plus manufactured by

**Air Vent, Inc.
4117 Pinnacle Point Drive
Suite 400
Dallas, Texas 75211
(214) 630-7377**

are acceptable for use in designated catastrophe zones along the Texas Gulf Coast when installed in accordance with the manufacturer's installation instructions and this product evaluation.

PRODUCT DESCRIPTION

CRV Ridge Vent and Steep Pitch Ridge Vent comes in 8 and 10 foot lengths, formed from nominal 0.020 inch thick embossed aluminum sheet metal and incorporates molded thermoplastic end plugs. Two inch wide aluminum connector straps, with a nominal thickness of 0.020 inch are installed on ends, at connections, and at 48 inch intervals.

VenturiVent Plus comes in 4-foot lengths and is molded of high-density polypropylene. The ridge vent has a nominal width of 14 $\frac{1}{16}$ inches and incorporates either open cell foam end plugs or integral molded end plugs.

LIMITATIONS

Design Wind Pressure: -160 psf

INSTALLATION INSTRUCTIONS

General Installation Requirements:

All requirements specified in the International Residential Code (IRC) and the International Building Code (IBC) must be satisfied and manufacturer's installation instructions followed, unless otherwise specified by this product evaluation.

INSTALLATION INSTRUCTIONS (Continued)

CRV Ridge Vent and Steep Pitch Ridge Vent

The CRV Vent shall be installed in accordance with the manufacturer's installation instructions with the following exceptions:

Deck: The roof deck shall consist of wood structural panels with a minimum thickness of $\frac{3}{8}$ inch.

Anchorage: The CRV Vent shall be attached to the roof using corrosion resistant nails with minimum dimensions of 2 inches long, 0.125 inch shank diameter, and with a 0.410 inch diameter head, 0.035 inch thick. The CRV Vent shall be nailed with the above nails 10 inches or less on center along each side of the vent and within 1 inch of the end on each side. The 2-inch **connector straps** shall be installed using the above nails at each connection, at each end, and at intervals of 48 inches or less.

VenturiVent Plus:

The VenturiVent Plus shall be installed in accordance with the manufacturer's installation instructions with the following exceptions:

Deck: The roof deck shall consist of wood structural panels with a minimum thickness of $\frac{3}{8}$ inch.

Anchorage: The VenturiVent Plus shall be attached to the roof using corrosion resistant nails with minimum dimensions of 2 inches long, 0.125 inch shank diameter, and with a 0.410 inch diameter head, 0.035 inch thick. The VenturiVent Plus shall be nailed with the above nails 24 inches or less on center along each side. Cap shingles shall be nailed to the top of the vent according to the manufacturer's installation instructions using the above nails. There shall be at least one nail on each side of each cap shingle to give a nailing pattern of 5 inches or less on center along each side of the vent.

Note: The manufacturer's installation instructions shall be available on the job site during installation. All fasteners shall be corrosion resistant as specified in the International Residential Code (IRC) and the International Building Code (IBC).