

TEXAS DEPARTMENT OF INSURANCE

Engineering Services Program / 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-11

Effective April 1, 2012

Revised April 1, 2014

*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 **April 2016**.*

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 **Lomanco 730, 750, 750-S, 750-G, 750-GS, 770, and 770D Roof Louvers** manufactured by

Lomanco, Inc.
2101 West Main Street
Jacksonville, AR 72076
(501) 982-6511

will be 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

Lomanco 730, 770, and 770-D Roof Louvers: Slant-back style, self-flashing roof mounted attic exhaust vents, with size varying based on the model number. The louvered sides are seamed to the top, and the top is riveted securely to the base flashing. A weather-tight collar is seamed securely to the base flashing. All pieces are stamped or formed aluminum sheet metal. The 770-D is a twin 770.

Model	Dimensions	Net Free Area
730	11-1/8" x 17-3/4" x 4"	30 in ²
770	16-5/8" x 22-3/8" x 6"	70 in ²
770-D	32" x 22-3/8" x 6"	140 in ²

Lomanco 750, 750-S, 750-G, and 750-GS Roof Louvers: Slant-back style, self-flashing roof mounted attic exhaust vents. The louvered sides are seamed to the top, and the top is riveted securely to the base flashing. A weather-tight collar is seamed securely to the base flashing. The 750-S has enhanced weather protection. The 750-G is a galvanized vent, and the 750-GS is a galvanized vent with enhanced weather protection. All pieces of the 750 are stamped or formed aluminum sheet metal. All pieces of the 705-G are stamped or formed galvanized sheet metal.

Model	Dimensions	Net Free Area
750, 750-S	15-7/8" x 20-5/16" x 5"	50 in ²
750-G, 750-GS	15-7/8" x 20-5/16" x 5"	50 in ²

LIMITATIONS ON CONSTRUCTION

Design Pressures:

Model	Size	Design Pressure (psf)
730	11-1/8" x 17-3/4" x 4"	±200
770	16-5/8" x 22-3/8" x 6"	±110
770D	32" x 22-3/8" x 6"	±100
750, 750-S	15-7/8" x 20-5/16" x 5"	±140
750-G, 750-GS	15-7/8" x 20-5/16" x 5"	±140

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.

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

Fasteners: Nails shall be $1\frac{1}{4}$ inch long, 0.120 inch diameter shank (11 gauge), $\frac{3}{8}$ " head diameter, galvanized smooth shank roofing nail. The heads of the nails shall be sealed.

Nail Spacing:

730 – Eight nails total. The nails are located at each corner and one at center of each side.

750, 750-S – Eight nails total. The nails are located at each corner and one at center of each side.

750-G, 750-GS – Eight nails total. The nails are located at each corner and one at center of each side.

770 - Eight nails total. The nails are located at each corner and one at center of each side.

770D –14 nails total. The nails are located at each corner of each flashing and one at the center of each outer span.

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), the International Building Code (IBC), and the Texas Revisions.