

SECTION 07 72 00

ROOF MOUNTED ATTIC INTAKE AND EXHAUST VENT

*****This is a CSI Three-Part Specification using CSI MasterFormat 2004-2010 Section Numbers and Titles. This specification must be edited to suit your particular project. Also, for your guidance in editing this master guide specification we have put in ****Notes**** below. You may then delete these notes once editing is completed. *****

*****This section is based on the Lomanco Incorporated line of roofing ventilation. For more information on Lomanco Inc. products and availability, or for the name of your local Lomanco, Inc. representative, contact us at the following: Lomanco, Incorporated, 2101 West Main Street, P.O. Box 519, Jacksonville, Arkansas 72076, 1-800-643-5593 phone, (501) 982-1258 fax; or visit our website at: www.lomanco.com.*****

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. Section Includes:

- 1. Roof mounted attic intake and exhaust vents. *****Note: exhaust vents must be used in conjunction with adequate intake vents for proper operation.*****
 - 2. Accessories.

- B. Related Sections:

*****Note: Coordinate sections listed below with actual project requirements. *****

- 1. Section 07 31 13 - Asphalt Shingles
 - 2. Section 07 60 00 - Sheet Metal Flashing and Trim
 - 3. Section 07 71 00 - Roof Specialties
 - 4. Section 07 90 00 - Joint Sealants

1.3 PERFORMANCE REQUIREMENTS

- A. General Performance: Roof mounted attic intake and exhaust vents shall withstand exposure to weather and resist thermally induced movement without failure, rattling, leaking, or fastener disengagement due to defective manufacture, fabrication, installation, or other defects in construction.**

1.4 QUALITY ASSURANCE

A. Certifications:

- 1. Passed Miami-Dade County test requirements for structural uplift and wind driven rain infiltration. Miami-Dade County Approved - NOA No.: 13-1203.04 expires 07/10/2019. ***Note: exhaust installation only.*****
- 2. Texas Department of Insurance “Windstorm” Approved - Product Evaluation Report No.: RV-85.**

1.5 ACTION SUBMITTALS

- A. Product Data: For roof mounted attic intake and exhaust vents indicated.**
- B. Sample: For type of roof mounted attic intake and exhaust vents specified; 12” long sample.**

1.6 INFORMATIONAL SUBMITTALS

- A. Coordination Drawings: Roof plans, drawn to scale, and coordinating penetrations and roof-mounted items. Show the following:**
 - 1. Size and location of roof mounted attic intake and exhaust vents specified in this Section.**
 - 2. Method of attaching roof mounted attic intake and exhaust vents to roof structure.**
 - 3. Other roof mounted items including mechanical and electrical equipment, ductwork, piping, and conduit.**

1.7 DELIVERY, STORAGE AND HANDLING

- A. Store materials in a dry, well-ventilated, weathertight place.**

1.8 COORDINATION

****Note: Coordinate with your project roofing requirements. ****

- A. Coordinate layout and installation of roof mounted attic intake and exhaust vents with roofing membrane and base flashing and interfacing and adjoining construction to provide a leakproof, weathertight, secure, and noncorrosive installation.
- B. Coordinate dimensions with rough-in information or Shop Drawings of equipment to be supported.

1.9 WARRANTY

- A. Manufacturer's standard limited lifetime warranty against defects in manufacturer's materials and workmanship.

PART 2 - PRODUCTS

2.1 MANUFACTURER

- A. Basis of Design: Lomanco Incorporated, 2101 West Main Street, P.O. Box 519, Jacksonville, Arkansas 72076, 1-800-643-5593 phone, (501) 982-1258 fax, www.lomanco.com is specified.

2.2 ROOF MOUNTED ATTIC INTAKE AND EXHAUST VENT:

- A. Model "DA-4 Intake and Exhaust Vent".
 - 1. Description: UV stabilized, high impact, custom blended co-polymer, injection molded plastic intake and exhaust vent with exterior venture baffle, internal aerodynamic curved baffles, molded end walls, and fully supported nail holes. Molded in 4 foot sections. Adjustable to roof pitches from 3/12 to 16/12; color available: Black only.
 - 2. Net Free Area: 9 square inches per linear foot. (36 square inches per 4 foot part.)
 - 3. Thickness: 1".

2.3 ACCESSORIES:

- A. Fasteners: Manufacturer's standard fasteners. Fasten in accordance to manufacturer's written instructions.**

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine substrates, areas, and conditions, with Installer present, to verify actual locations, dimensions, and other conditions affecting performance of the Work.**
- B. Verify that substrate is sound, dry, and securely anchored.**
- C. Proceed with installation only after unsatisfactory conditions have been corrected.**

3.2 INSTALLATION

- A. General: Install roof mounted attic intake and exhaust vents according to manufacturer's written instructions.**

END OF SECTION