Lomanco® Vents

Lomanco Manufacturing Plant in Jacksonville, Arkansas

Our high product quality and functionality, combined with our well-recognized integrity and solid partner base has established Lomanco as the premier manufacturer of residential ventilation products in the world. Our success has been built on pride, dedication and the hard work of Lomanco owners, management, employees, sales representatives, vendors, and customers since 1946.

— Your Lomanco Team

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What is Ventilation?

Ventilation is simply the process of supplying a continuous supply of air through the attic space. "Proper Ventilation" consists of 50% intake ventilation, near the lower part of the attic space, and 50% exhaust ventilation, near or at the roof peak, at least 3 feet higher than the intake system.

Why Ventilate?

To fight the enemies, heat and moisture, you must ventilate year round. Heat in unventilated attics may cause temperatures to exceed 150 degrees causing damage to shingles, roof sheathing, and possibly radiate to the living area. Moisture, being the #1 enemy, causes rot, mildew, mold, paint blisters, and renders insulation to be ineffective. Proper ventilation reduces energy bills, winter ice build up, and eliminates mold/mildew which can lead to major health problems. By ventilating, you are extending the life of shingles, insulation, and other building components.

Why Lomanco?

Lomanco has been producing quality ventilation products since 1946. Two factors have remained the same throughout the years. They are known as "The Lomanco Balance", free movement of air and weather protection. We take a great deal of pride in the production of our products. They are the necessity to be effective in ventilating homes everywhere. Product design does make a difference in quality ventilation products. Our commitment to providing these quality products, combined with our experienced personnel, is the reason Lomanco is your best choice for ventilation.

### THREE MUST DO Steps to Attic Ventilation

1. **Install all Exhaust Ventilation at the SAME HEIGHT within a common attic area.**
   
   Installation of exhaust vents at more than one level on a roof allows the upper exhaust vent to pull air in from lower exhaust vents rather than from the intake vents. Intake air must come from intake vents located near the lower part of the attic space to properly ventilate the total attic area and eliminate weather infiltration.

2. **Install ONLY ONE TYPE of Exhaust Ventilation within a common attic area.**
   
   Exhaust Vents pull air from the easiest intake source. Vent types cannot be mixed. The use of different types of exhaust vents could make one of the vents act as intake for the other. Intake air must come from intake vents located near the lower part of the attic space to properly ventilate the total attic area and eliminate weather infiltration.

3. **Install a BALANCED SYSTEM of Intake and Exhaust Ventilation.**
   
   - **50% Intake Ventilation** - Intake vents located near the lower part of the attic area are required to balance out your ventilation system.
   - **50% Exhaust Ventilation** - Use a Lomanco Ventilation Selector Guide, the calculators at lomanco.com, or the Lomanco Vent Selector App to determine the number of vents needed to properly ventilate an attic to meet the minimum code ventilation standard.

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The Ventilation Expert You Can Carry With You.

- **Download the App for iOS or Android.**
  - Scan here.

Vent Selector App

Available for download on the App Store & Google Play Store

Download on the App Store  GET IT ON Google Play
Omni Ridge Vent Series

Lomanco® Shingle Over Ridge Vents

Lomanco Omni Series Ridge Vents are available in two styles and many variations. The roll version comes in easy to handle 20 and 30 foot lengths, while the stick version comes in 4 foot lengths. The regular Omni style is traditionally installed using a hammer, while the Lo-Omni style, with its low profile, can be installed using a nail gun.

Features—All Omni Series Shingle Over Ridge Vents come with a lifetime limited warranty. The engineered material guarantees it will last as long as your shingles.

Other common features of Omni Series Ridge Vents include the air flow acceleration design, which maximizes ventilation capacity, along with the internal aerodynamic curved baffles and external perpendicular omni baffles, which maximize weather protection. External omni baffles allow air flow from any direction, while the internal baffles maintain superior weather protection and performance with no filter to clog. Each Omni Series Ridge Vent design is field tested and proven effective under all weather conditions.

Installation—Installation of Omni Series Ridge Vents is fast and easy and will fit any roof pitch from a 2/12 to a 16/12. The Omni Series Ridge Vents feature supported nail holes every foot and will not crush down. Molded-in visual nail lines and center lines along with the patented fan-folded end plugs mean no accessories, connectors or alterations are needed.

<table>
<thead>
<tr>
<th>Model</th>
<th>LTH (ft.)</th>
<th>NFA (in.²)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LOR-30</td>
<td>30'</td>
<td>330</td>
</tr>
<tr>
<td>LOR9-4</td>
<td>4’</td>
<td>44</td>
</tr>
<tr>
<td>LOR9-4FR</td>
<td>4’</td>
<td>44</td>
</tr>
<tr>
<td>OR-20</td>
<td>20’</td>
<td>360</td>
</tr>
<tr>
<td>OR-4</td>
<td>4’</td>
<td>72</td>
</tr>
<tr>
<td>OR-4-N</td>
<td>4’</td>
<td>72</td>
</tr>
<tr>
<td>OR4-S</td>
<td>4’</td>
<td>72</td>
</tr>
<tr>
<td>PRO4-N</td>
<td>4’</td>
<td>72</td>
</tr>
<tr>
<td>PRO4-5WN</td>
<td>4’</td>
<td>72</td>
</tr>
</tbody>
</table>

Common Features

- Lifetime limited warranty.
- Adjusts from 2/12 to 16/12 roof pitches.
- Engineered material guarantees longevity.
- Field tested design - proven effective under all weather conditions.

Lifetime limited warranty.

Texas Department of Insurance "Windstorm" Approved

ESR-3482

CSA Approved

Miami-Dade County Approved

Wildland URBAN Interface (WUI) Products

view requirements for combustible vents at lomanco.com/wui
OmniRidge® Pro

- Advanced low-profile design.
- Weatherproof under-lapping joint.
- Six drain holes per foot per side.
- Pre-formed to 2/12 pitch.
- "Posi-tabs" contour to shingles for advanced weather protection.
- PRO4-N includes 2½" ring shank nails, 30 nails per piece.
- PRO4SWN has screen attached for added protection.

OmniRoll®

- Compact 30 foot roll is easy to handle.
- Pneumatic nail gun or hammer installed.
- Exterior convolute baffles—incurved design allows flexibility to roll up and out while maintaining its shape.
- Two coils of 1/2" nails provided.
- Can be cut at one foot intervals—multiple cut lines eliminates unnecessary scrap.

**CHART INSTRUCTIONS:** Use the charts in this catalog by selecting the **Attic Floor Space** to be ventilated in the green sections and an **Exhaust System** in the red sections, find where they intersect to determine the number of exhaust vents needed. Repeat the steps in the blue **Intake System** sections to find the number of intake vents needed for a balanced ventilation system. To calculate your ventilation system to your exact square footage scan the QR code on page 3 with your mobile device or visit lomanco.com.

<table>
<thead>
<tr>
<th>Attic floor space to be ventilated in square feet:</th>
<th>1000</th>
<th>1500</th>
<th>2000</th>
<th>2500</th>
<th>3000</th>
<th>3500</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exhaust Systems</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>LOR30/LOR-9-4</td>
<td>27</td>
<td>17</td>
<td>12</td>
<td>11</td>
<td>10</td>
<td>9</td>
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<tr>
<td>OR20/OR-4</td>
<td>14</td>
<td>11</td>
<td>7</td>
<td>7</td>
<td>6</td>
<td>5</td>
</tr>
<tr>
<td>PRO4 Series</td>
<td>14</td>
<td>11</td>
<td>7</td>
<td>7</td>
<td>6</td>
<td>5</td>
</tr>
<tr>
<td>DA-4/OW-4</td>
<td>17</td>
<td>13</td>
<td>9</td>
<td>9</td>
<td>8</td>
<td>7</td>
</tr>
</tbody>
</table>

**How many Ridge Vents do you need?**

- External venturi baffle.
- Weatherproof under-lapping joint.
- Four drain holes per foot per side.
- Pre-formed to 3/12 pitch.
- External water shield.
- OR4-N includes 30, 2½” ring shank nails per piece.
- OR4-5 has screen attached for added protection.

**OR4 Series**

- Pneumatic nail gun or hammer installed.
- External venturi baffle.
- Weatherproof under-lapping joint.
- External water shield.
- Molded centerline for fast and easy alignment.

**Available in Class A**

Model LOR-4FR

**OR20**

- Compact 20 foot roll is easy to handle.
- Exterior convolute baffles—incurved design allows flexibility to roll up and out while maintaining its shape.
- Can be cut at one foot intervals—multiple cut lines eliminate scrap.
Lomanco® Static Roof Vents

Lomanco provides a complete line of Roof Vents from which to choose. Static Vents are available in two designs, Slant Back and Pan Style, to fit all of your ventilation needs. The Slant Back design is available in Aluminum, Plastic, and Galvanized finishes. Lomanco Pan Style Series consists of the 550, 600, and 135 Roof Vents and are available in aluminum finish (550 PRO also available in galvanized finish).

Features—Lomanco Static Vents are available exhaust vents by design. Each vent’s unique design offers maximum weather protection. All of Lomanco Static Roof Vents are available in several colors to blend with your roofing materials. Other common features include a bird-proof design, a weather tight collar, and a flange on the vent stack for superior weather protection and circulation.

Installation—All Lomanco Static Vents offer a large nailing flange for ease of installation. The Lomanco® Slant Back is designed to be installed on any roof pitch.

The Lomanco 750 Original Slant Back — Often Imitated, but Never Duplicated.

How many Static Vents do you need?

<table>
<thead>
<tr>
<th>Model</th>
<th>Overall Size (in.)</th>
<th>Opening Size (in.)</th>
<th>Net Free Area (in.²)</th>
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<tr>
<td>730*</td>
<td>12½&quot; x 17½&quot; x 4</td>
<td>6 ¼</td>
<td>30</td>
</tr>
<tr>
<td>750*</td>
<td>16 x 20½&quot; x 5</td>
<td>8</td>
<td>50</td>
</tr>
<tr>
<td>750-S†*</td>
<td>16 x 20½&quot; x 5</td>
<td>8</td>
<td>50</td>
</tr>
<tr>
<td>750-G*</td>
<td>16 x 20½&quot; x 5</td>
<td>8</td>
<td>50</td>
</tr>
<tr>
<td>750-ES†</td>
<td>16 x 20½&quot; x 5</td>
<td>8</td>
<td>50</td>
</tr>
<tr>
<td>770†</td>
<td>16½&quot; x 22½&quot; x 6</td>
<td>9½</td>
<td>70</td>
</tr>
<tr>
<td>770-D†*</td>
<td>32½&quot; x 22½&quot; x 6</td>
<td>Two 9½</td>
<td>140</td>
</tr>
<tr>
<td>700</td>
<td>16 x 20½&quot; x 5</td>
<td>8</td>
<td>—</td>
</tr>
<tr>
<td>550†</td>
<td>15½&quot; x 16½&quot; x 4</td>
<td>9</td>
<td>50</td>
</tr>
<tr>
<td>550-S†</td>
<td>15½&quot; x 16½&quot; x 5½</td>
<td>9</td>
<td>50</td>
</tr>
<tr>
<td>600</td>
<td>15½&quot; x 16½&quot; x 4</td>
<td>9½</td>
<td>60</td>
</tr>
<tr>
<td>600-D†</td>
<td>32½&quot; x 18½&quot; x 4</td>
<td>Two 9½</td>
<td>120</td>
</tr>
<tr>
<td>600-S†</td>
<td>16½&quot; x 18½&quot; x 6½</td>
<td>9½</td>
<td>60</td>
</tr>
<tr>
<td>135†</td>
<td>20 x 23 x 7½</td>
<td>14</td>
<td>144</td>
</tr>
<tr>
<td>P60 PRO†</td>
<td>15½&quot; x 15½&quot; x 4½</td>
<td>9</td>
<td>60</td>
</tr>
</tbody>
</table>

| 750 Only |

How many Static Vents do you need?

| Attic floor space to be ventilated in square feet: |
|-----------------|-----------------|-----------------|-----------------|
| 1000            | 1500            | 2000            | 2500            |
| 550             | 53               | 54               | 56               |
| 600             | 53               | 54               | 56               |
| 730             | 53               | 54               | 56               |
| 750             | 53               | 54               | 56               |
| 770             | 53               | 54               | 56               |
| 135             | 53               | 54               | 56               |
| P60             | 53               | 54               | 56               |

Chart instructions available on page 5.
700 Series
- Designed to prevent roof discoloration.
- Three sides louvered for greater air flow.
- Embossed aluminum finishes add strength, extend paint life, and blend with roofing materials.
- 700 has neoprene damper for use as kitchen/bathroom exhaust vent.
- 730 is a smaller version of a 750 and included in the EVA Combo vent package. (See page 15)
- 750-E is a 750 with an extended flange size.
- 750-S, 750-GS and 750-ES; metal screen insert for enhanced weather protection.
- 750-G; heavy duty galvanized steel construction.
- 750 is larger version of a 750.
- 770-D is a twin 770; off-ridge vent.

550 & 600 Series
- Includes 8x8 perma-coated screen for added protection.
- Flange on vent stack for superior weather protection.
- Models 600-S and 550-S have a tall throat to allow room for air circulation on shake roofs after the installation of shakes.
- 550 PRO has one-piece molded plastic collar for added protection and tool-less removable top.
- 550 PRO-G is galvanized.
- 600-D is a twin 600.

135 Roof Vent
- All-aluminum construction.
- 8x8 aluminum screen attached for added protection.
- Weather-shielding rain guard for maximum weather protection.

P60 PRO
- Low profile design.
- Designed for fast installation.
- 18" x 16" mesh screen for enhanced weather protection.
- Pure impact-resistant polypropylene will not dent or crack in extreme heat or cold installations.
- Additives provide superior resistance to fading and UV degradation.
- Same tried and proven polypropylene material as Omni Series.
- Lifetime Limited Warranty.
Lomanco® Whirlybird® Turbine Vents

Lomanco is the home of the original Whirlybird Turbine Ventilator, the All Weather Whirlybird Turbine. Whirlybird Turbines offer all of the essentials for energy savings and are geared toward going green. They are available in three sizes—8”, 12”, and 14”. The 14” Big Whirly turbine moves 37% more air than the 12”. The 12” turbine is available in aluminum and galvanized finishes as well as a Tile Roof design. Whirlybird turbines are also available in two models—internally or externally braced. While the internally and externally braced turbines both have the same internal construction, the externally braced turbines have three braces that surround the outside of the turbine.

Features—All Lomanco Whirlybird turbines come with a Lifetime Transferable Warranty. Simply put, you can't buy a better turbine. The turbine design features permanently lubricated upper and lower ball bearings that ensure long life and no maintenance. Other common features of the turbine are its rigid spider-type construction—riveted at every connection and tested to withstand winds of 110 M.P.H., 21 air-foil curved vanes with rolled edges to deflect water, and 100% rust-free all-aluminum construction.

Installation—The Whirlybird turbine’s large flashing makes installation easy. The Whirlybird turbine’s exclusive vari-pitch base adjusts to a 12/12 roof pitch for use on many roof applications. When installed properly, the Whirlybird turbine reduces energy bills and the likelihood of winter ice buildup.

<table>
<thead>
<tr>
<th>Model</th>
<th>Hole Size (in.)</th>
<th>Height (in.)</th>
<th>Base (in.)</th>
</tr>
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<tbody>
<tr>
<td>B1B-12*</td>
<td>12</td>
<td>171/4</td>
<td>20 x 20</td>
</tr>
<tr>
<td>BEB-12*</td>
<td>12</td>
<td>171/4</td>
<td>20 x 20</td>
</tr>
<tr>
<td>B1B-12TR*</td>
<td>12</td>
<td>201/4</td>
<td>20 x 20</td>
</tr>
<tr>
<td>BEB-12TR*</td>
<td>12</td>
<td>201/4</td>
<td>20 x 20</td>
</tr>
<tr>
<td>B1B-14*</td>
<td>14</td>
<td>20</td>
<td>22 x 22</td>
</tr>
<tr>
<td>BEB-14*</td>
<td>14</td>
<td>201/4</td>
<td>22 x 22</td>
</tr>
<tr>
<td>T1B-12</td>
<td>—</td>
<td>111/4</td>
<td>—</td>
</tr>
<tr>
<td>TEB-12</td>
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<td>TEB-14</td>
<td>—</td>
<td>12</td>
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<tr>
<td>GT-12</td>
<td>12</td>
<td>151/4</td>
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<tr>
<td>GEB-12</td>
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<td>16</td>
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<tr>
<td>B-8 (Top)</td>
<td>8</td>
<td>71/4</td>
<td>16 x 16</td>
</tr>
</tbody>
</table>

Available Colors

All B Series Turbines

MIA MIAMI-DADE COUNTY APPROVED

Texas Department of Insurance “Windstorm” Approved
General Specifications for Whirlybird Turbines

- BIB & TIB are **internally** braced.
- BEB & TEB are **externally** braced.
- GT-12, GEB-12, & IB-8 available in mill finish only.
- Model number denotes throat size.
- TR turbines are for tile roof applications.
- B Series are packaged with base.
- T Series are packaged without base.
- 0.015 stamped galvanized steel.
- Fits any roof pitch to 7/12.
- GT-12 is an internally braced 12" turbine.
- GEB-12 is an externally braced 12" turbine.
- Residential or light commercial use only.
- Forever guarantee—residential use only.
- All-aluminum construction.
- Exclusive vari-pitch base adjusts to 12/12 roof pitch.
- Tested to withstand winds of 110 M.P.H.
- Easy installation.

**How many Turbine Vents do you need?**

<table>
<thead>
<tr>
<th>TURBINE VENT EXHAUST SYSTEMS</th>
<th>1000</th>
<th>1500</th>
<th>2000</th>
<th>2500</th>
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<td>11</td>
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</tr>
<tr>
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<td>15</td>
<td>20</td>
<td>22</td>
<td>20</td>
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</table>

Attic floor space to be ventilated in square feet:

- 12"
  - 2
  - 2
  - 3
  - 4
  - 4
  - 5
- 14"
  - 1
  - 2
  - 3
  - 3
  - 3
  - 4

<table>
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<tr>
<th>C416</th>
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</tr>
<tr>
<td>DA-4/IV-9</td>
<td>15</td>
<td>10</td>
<td>15</td>
<td>20</td>
<td>22</td>
<td>20</td>
<td>29</td>
<td>29</td>
<td>29</td>
<td>29</td>
</tr>
</tbody>
</table>

Chart instructions available on page 5.

Hurricane caps for 12" and 14" turbines are available.
Lomanco® Standard Power Vents

Lomanco Standard Power Vents are designed for quiet operation and high volume air removal. Lomanco offers two styles of electric power vents—the LomanCool 2000 and the 1800 Add-A-Vent. The LomanCool 2000 is a roof mount power vent and the 1800 is designed to be mounted behind an existing vent to add powered ventilation to a gable.

Features—Lomanco Standard Power Vents are made of all aluminum construction. Other common features include a 5 year limited warranty, balanced fan blades for quiet operation, and an American-made motor. An optional humidistat is available for both the 2000 and the 1800. The LomanCool 2000TH comes equipped with an adjustable thermostat/humidistat combo control to accommodate individual attic humidity levels.

Installation—Lomanco Standard Power Vents are equipped with an adjustable thermostat that features a “push-to-test” button, allowing homeowners to make sure the unit is operating properly.

Add-A-Vent 1800

- Factory-set adjustable thermostat (switches on at 100 degrees and off at 85 degrees).
- Can be mounted in horizontal or vertical positions on either 16” or 24” on center framing members.
- Optional humidistat is adjustable to fit individual attic humidity levels.
- Designed to mount behind existing gable louver.
- 5 Year limited warranty.

How many Power Vents do you need?

| Attic floor space to be ventilated in square feet: |
|-------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|                   | 1000            | 1500            | 2000            | 2500            | 3000            | 3500            |
| 2000              | 1               | 2               | 2               | 3               | 3               | 4               |
| 1800              | 1               | 2               | 2               | 3               | 3               | 4               |
| OSV40             | 1               | 2               | 2               | 3               | 3               | 4               |
| SGABLE40          | 1               | 2               | 3               | 3               | 4               | 4               |

How many Power Vents do you need?

<table>
<thead>
<tr>
<th>Model</th>
<th>Amps</th>
<th>Motor HP</th>
<th>RPM</th>
<th>Volts</th>
<th>Base (in.)</th>
<th>Fan Blades</th>
</tr>
</thead>
<tbody>
<tr>
<td>2000</td>
<td>3.4</td>
<td>1/10</td>
<td>1100</td>
<td>120</td>
<td>20 x 23</td>
<td>5</td>
</tr>
<tr>
<td>2000TH</td>
<td>3.4</td>
<td>1/10</td>
<td>1100</td>
<td>120</td>
<td>20 x 23</td>
<td>5</td>
</tr>
<tr>
<td>1800</td>
<td>3.4</td>
<td>1/10</td>
<td>1100</td>
<td>120</td>
<td>—</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>12</td>
</tr>
</tbody>
</table>

NOTE: Lomanco recommends the use of one gable vent per gable end of structure. Your roof must have the required number of gable ends to install the proper number of gable vents for a balanced ventilation system.

Available Colors

- BL (Black)
- WB (White)
- BR (Brown)
- MF (Metallic)

Original parts and accessories for Lomanco power vents are available online at lomanco.com.
Lomanco® Solar Power Vents

Lomanco Solar Power Vents are your attic’s best choice for solar powered protection against heat and moisture from sun-up to sun-down. We have created a unique design that is not only functional, but looks good on the roof.

Features—The Omni Solar Vent and Omni Solar Gable vent feature a 40 Watt solar panel, the largest standard panel offered on solar attic vents. They also include a 10 year limited warranty and a 5 Year limited warranty on the solar panel and motor. Other common features include a whisper quiet motor and precision balanced 5 blade fan.

Installation—Installation couldn’t be easier with our Solar Power Vents. In fact, there is no need for an electrician. The Omni Solar Vent and Omni Solar Gable Vent will operate automatically when the solar panel is illuminated by sunlight.

Omni Solar Gable Vent

- Provides additional ventilation to gable vents.
- Whisper quiet motor.
- Precision balanced 5 blade fan.
- 768 square inches of Net Free Area required for each vent.
- Glass-filled polypropylene shroud.

The OSV40 is a Proven Best Performer for solar powered attic ventilation.
- Heavy duty aluminum construction.
- Upward exhaust prevents roof discoloration.
- Low profile design blends with roof profile.
- Internal screen for added protection.

Common Features

- 40 Watt solar panel.
- 15 foot power cord.
- Solar panel remotely mounted for optimum energy collection.
- Easy Installation. No electrician required.
- 10 Year limited warranty, 5 Year on solar panel & motor.
- Eligible for a 30% Federal Tax Credit for Homeowners. See the Solar Power Vent page on lomanco.com for further details.
The Lomanco Deck-Air® is a low profile shingle over intake vent that can be installed on or off the roof edge. The DA-4 also has the option to be used as an off-ridge exhaust vent.

**Features**—The DA-4 has a unique design for enhanced weather protection and is made from the same durable, long lasting and field tested material as the Lomanco Omni Series. The DA-4 offers 9 square inches of Net Free Area per linear foot and comes with a Lifetime Limited Warranty.

**Installation**—The DA-4 is designed to fit any roof pitch from a 3/12 to a 16/12. Installation is made easy with supported nail holes, molded nail lines, shingle stop alignment tabs, slot width guidelines, and integrated end plugs every 2 inches.

- Low profile blends with roof construction.
- 2 1/2” ring shank nails included.
- Made from the same durable, long lasting and field tested material as the Lomanco Omni Series vents.
- Fits roof pitches 3/12 to 16/12.
- Unique design provides enhanced weather protection.
- Integrated end plug every 2 inches.
- 9 square inches of Net Free Area per linear foot.
- Molded nail lines.
- Intake slot width guidelines.

**Optional Specialty Use:**
The DA-4 can be used as an off-ridge exhaust vent (see installation instructions).

**Lifetime Limited Warranty.**
Distinct Vent Solutions

THE MULTI-PURPOSE EXHAUST SOLUTION.

Deck-Air® Vent as Exhaust

EXHAUST INSTALLATION APPLICATIONS:

Omni-Wall™

The Lomanco Omni-Wall Shingle Over Vent offers functional ventilation for where your roof joins a wall. The OW-4 may also be used in a contemporary shed roof (mono-slope/single-slope) application.

Features—The OW-4 is designed for maximum weather protection, offering internal aerodynamic curved baffles with external perpendicular omni baffles. An external water shield and four drain holes per foot are also incorporated into the design of the vent. The OW-4 offers 9 square inches of Net Free Area per linear foot and comes with a Lifetime Limited Warranty.

Installation—The OW-4 is designed to fit any roof pitch from a 2/12 to a 16/12. Installation is made easy with supported nail holes, molded nail lines, alignment tabs, slot width guide lines, and molded-in end plugs.

How many Omni-Wall™ Vents do you need? See chart on page 5.

<table>
<thead>
<tr>
<th>Model</th>
<th>Length (ft.)</th>
<th>Net Free Area (in.²)</th>
</tr>
</thead>
<tbody>
<tr>
<td>OW-4</td>
<td>4'</td>
<td>36</td>
</tr>
</tbody>
</table>
Distinct Vent Solutions

LPR / VUR

Lomanco offers two styles of Aluminum Ridge Vents—the LPR and VUR. The LPR Ridge Vent is available in 8’ or 10’ sections and is adjustable to fit 3/12 to 12/12 roof pitches. The VUR Ridge Vent is available in 10’ sections and is adjustable to fit 3/12 to 8/12 roof pitches.

Features—Lomanco LPR and VUR Ridge Vents are made of embossed aluminum finishes for added strength, extended paint life, and blending appearance with shingles. Both offer a high Net Free Area—18 square inches of NFA per foot.

Installation—The LPR and VUR are manufactured with pre-notched nail holes for easy installation. Both are one-piece construction and can be cut at desired length at two-foot intervals. Hurricane straps and tight fitting, high density polyethylene foam end-plugs are available for both the LPR and VUR.

LPR

- Low profile blends with roof construction.
- Large 2-inch-wide nailing flange.
- Easy installation, male/female connections—no straps necessary.
- Optional strap available in all colors.
- LPR has an aerodynamic design revolutionary three-baffle system for complete weather protection.

VUR

- Easy installation, male/female connections—no straps necessary.
- Engineered weather infiltration protectors at each connection.
- Exterior wind baffles.

Copper VUR

Specialty Item Available

Model | Length (ft.) | Net Free Area (in.²)
--- | --- | ---
LPR-8" | 8 | 144
LPR-10" | 10 | 180
VUR-10" | 10 | 180
V-Type Plug | — | —
L-Type Plug | — | —

LPR and VUR hurricane straps are available.

Powered Crawlspace Vent

The Lomanco® Powered Crawlspace Vent (PCV1) is a quick and simple solution for under-ventilated crawlspaces. The PCV1 upgrades your present foundation vent and dries the crawlspace gradually. The PCV1 is made of tough polypropylene construction.

Features—The PCV1 mounts behind an existing foundation vent for invisible operation and offers easy installation in a variety of constructions.

Installation—The PCV1 is made of tough polypropylene construction.

- Quiet 110 CFM ball bearing motor.
- Humidity sensor for worry free operation.
- Thermostat shuts fan off at low temperatures.
- U.L. approved means assured safety.
- Can help stop mold growth.
- Upgrades your present foundation vent.
- 1 year limited warranty.
Lomanco offers an exhaust vent adapter for our Static Roof Vent Series. The EVA-34 works with any Static Roof Vent while blending with existing accessories. The EVA-34 is designed to fit a 3" or 4" flexible duct. The EVA Combo Vent is a Lomanco® 730 Static Roof Vent that comes with an EVA-34 adapter.

**Installation**—The EVA-34 is ideal for new construction and can be a solution for existing homes as well. The EVA-34 can be installed from the top of the roof deck or from inside the attic to the Static Roof Vent or to a Cornice Vent in the soffit area.

- Exhaust vent adapter fits 3" or 4" flexible duct.
- Installs from top of deck or inside of attic to roof vent or cornice vent.
- Exhusts household moisture.
- Tested for all climates.

- Built in damper prevents backdraft.
- Works with any roof system.
- Ideal for new construction.
- Solution for existing homes.
- Blends with existing accessories.
- 10" nailing flange.

The Lomanco® DRB-24 Cupola offers an elegant answer to your ventilation needs. The DRB-24 is made of all aluminum construction. A built in rain shield and an 8x8 perma-coated screen are engineered into the design to assure maximum weather protection.

**Installation**—The DRB-24 has a vari–pitch base that adjusts from a 2/12 to a 6/12 roof pitch. It is installed over a 17" by 17" hole, straddling the roof peak. Weather vanes are also available in four styles and are sold separately.

- Cast aluminum with black enamel finish.
- Four styles available.
- Weather vanes include ornament pole and directional.
- Measures 24¼" high and arrow under the main figure is 18½" long.
- Clutch bases are available from Lomanco on special order. For use on pitch roof when not using a cupola.
The Lomanco® TRV-4 TileRidge exhaust vent provides proper and functional attic ventilation for tile roofs (compatible with high and medium profile “S” tile roofs with 2”x 6” ridge pole at this time).

Installation—The TileRidge design and installation method allows the vent to be completely concealed under the cap tile. Installation will work with mortar or other approved weather blocking material. Since the vent is installed on each side of the ridge pole, the Net Free Area (NFA) is 9 square inches per side, per linear foot. This equals 18 square inches of NFA per linear foot of installed vent. The bottom integrated hinge allows the vent to be installed on 2/12 through 8/12 roof pitches. If possible, Lomanco recommends using the TileRidge exhaust vent with the TileIntake intake vent for a complete Tile Roof Ventilation system.

The Lomanco® IV-9 TileIntake vent provides proper and functional intake of your attic space for tile roofs. The unique design and installation method insures complete invisibility. The IV-9 works on all tile roofs with use of a batten system.

Installation—The TileIntake vent is installed underneath the tiles and gets outside make-up air from the airspace between the roof tiles and the roof decking. A constant air supply is provided to this space from the permeability of the tile roof itself. The Tile Roof Institute states, “Natural air ventilation under the tile creates a heat transfer barrier that can provide the benefit of a cooler house in the summer and a warmer house in the winter.” The Lomanco TileIntake not only utilizes this natural air ventilation, but will also increase the circulation of the air in the batten space. This will influence the dispersion of moisture and energy performance of the roof. The TileIntake vent will work on 2/12 and up roof pitches. Alternate installation methods that require no batten system are available. If possible, Lomanco recommends using the TileRidge exhaust vent with the TileIntake intake vent for a complete Tile Roof Ventilation system.

- Complete invisibility when installed.
- Aerodynamically curved internal baffles to minimize wind resistance.
- Excellent airflow design with superior weather protection and no filter to clog.
- Tough durable construction.
- Interlocking self alignment design with weatherproof overlapping joint.
- Quick, easy installation.
- Works on all tile roofs with use of a batten system.
- 9 inches Net Free Area per linear foot.
- Supported molded in nail holes.
- Molded-in weep openings, nail holes and end plug.
- Cut line provided for two foot lengths.
- Engineered material guarantees longevity.
- 30 year transferable warranty.

How many Tile Vents do you need?

<table>
<thead>
<tr>
<th>Exhaust Systems</th>
<th>Attic floor space to be ventilated in square feet:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1000</td>
</tr>
<tr>
<td>Exhaust</td>
<td>IV-9</td>
</tr>
<tr>
<td>TRV-4</td>
<td>27”</td>
</tr>
</tbody>
</table>

Chart instructions available on page 5.

- Model: TRV-4‡
  - LTH. (ft.): 4
  - NFA (in.²): 36
- Model: IV-9
  - LTH. (ft.): 4
  - NFA (in.²): 36

*† Miami-Dade County Approved

ESR-3482

Wildland URBAN Interface

(WUI) Products

view requirements for combustible vents at lomanco.com/wui
Lomanco offers a turbine option for your tile roof. Our BIB12TR & BEB12TR are approved for all tile and slate roof constructions.

**Installation**—The Tile Roof Turbine's large flashing makes installation easy. The Tile Roof Turbine’s exclusive vari-pitch base adjusts to a 12/12 roof pitch. (See pages 8-9 for additional information.)

The **Lomanco Omni Solar Vent** is your attic’s best choice for solar powered protection against heat and moisture from sun-up to sun-down. Use the power of the sun to cool your attic! It is the PROVEN BEST PERFORMER for solar powered attic ventilation.

**Installation**—The Omni Solar Vent is a great option for your tile roof. To install the Omni Solar Vent on a tile roof, the vent must be installed on a raised curb. The installation requires no electrician. (See page 11 for additional information.)

**Bath PRO™ Vent**

The **Lomanco Bath PRO™** roof jack vent is designed to provide a weather proof cover on your roof for exhaust ducts coming from home exhaust fans.

**Features**—The Lomanco Bath PRO vent fits all 3” and 4” round ductwork and has a galvanized steel construction with a black environmental epoxy finish that can be left as is or used as a primer for painting the vent a color of your choice. Additional BathPRO features include a built-in pest screen, aluminum draft damper flap, and an integrated flange.

**Installation**—The Bath PRO vent offers fast and easy installation and is designed to be installed on any roof pitch. The Bath PRO™ should not be installed on a flat roof or used for clothes dryer exhaust.

<table>
<thead>
<tr>
<th>Model</th>
<th>Overall Size (in.)</th>
<th>Opening Size (in.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BRV34</td>
<td>12” x 10” x 6”</td>
<td>3” or 4”</td>
</tr>
</tbody>
</table>

- Use with 3” or 4” round ductwork.
- Galvanized steel construction with environmental epoxy finish.
- Built-in pest screen.
- Aluminum gravity draft damper flap.
- Integrated flange.
- Designed for fast and easy installation.
- Used to vent bath fans and other exhaust fans.*

* Do not use for clothes dryer exhaust. Consult building codes before installation.
About Intake Ventilation

Inadequate intake is the #1 cause of failure of the attic ventilation system. Specifically, inadequate intake results in extreme heat buildup in the summer and severe weather infiltration and moisture problems in the winter.

The intake system must provide as much as or more than the exhaust system in Net Free Area.

Proper vent chutes should be installed before blown in insulation, to prevent choking your intake system. A good rule of thumb is to place one between each set of rafter tails in order to maximize intake air.

If maintenance free vinyl/metal under eave panels are used, the vented panels should be installed continuously around the under eave portion of the house.

If the under eave width prohibits the use of cornice or strip vents—never use an exhaust louver as an intake vent. The most logical solution would be to install SV-10 or Deck-Air® intake vent (see page 12).

Continuous Drip Edge Soffit Vent

- Offers two products in one: incorporates both drip edge vent and continuous soffit vent.
- All-aluminum construction.
- Perfect for homes built with little or no overhang.
- Can be cut to desired length at any point.
- The SV-10 is also available in copper.

C-Series Cornice Vents

- All-aluminum construction.
- 8x8 perma-coated aluminum screen attached for added protection.
- Pre-drilled nail holes.

- Unique "eyebrow" designed louvers provide maximum ventilating capacity with superior weather protection.
- Cornice-mounted companion product for all types of exhaust ventilators.

### C-Series Cornice Vents Specifications

<table>
<thead>
<tr>
<th>Model Number</th>
<th>General Specifications</th>
<th>Overall Size (in)</th>
<th>Hole Size (in.)</th>
<th>Net Free Area (in.²)</th>
</tr>
</thead>
<tbody>
<tr>
<td>C416</td>
<td>Screen &amp; Louvers</td>
<td>4 x 16</td>
<td>3 x 15</td>
<td>25</td>
</tr>
<tr>
<td>C616</td>
<td>Screen &amp; Louvers</td>
<td>6 x 16</td>
<td>5 x 15</td>
<td>37</td>
</tr>
<tr>
<td>C816</td>
<td>Screen &amp; Louvers</td>
<td>8 x 16</td>
<td>7 x 15</td>
<td>65</td>
</tr>
<tr>
<td>CR-8</td>
<td>Screen &amp; Louvers</td>
<td>8 Dia.</td>
<td>7 Dia.</td>
<td>13</td>
</tr>
</tbody>
</table>
Continuous Soffit Vents

- 2 ¼" wide continuous strip.
- 1" x ⅛" louvered openings.

Cirk - L - Vents

- All-aluminum construction.
- 18x16 aluminum screen attached for added protection (except for D-16 which has louvers only—no screen).
- Unique "eyebrow" designed louvers provide maximum ventilating capacity with superior weather protection.
- Prevents paint peeling by removing moisture from wall cavities.
- Provides an outlet for air movement in small confined spaces.
- Easy installation (drill and pop in).

<table>
<thead>
<tr>
<th>Model</th>
<th>LTH (ft)</th>
<th>WTH (in)</th>
<th>NFA (in²)</th>
</tr>
</thead>
<tbody>
<tr>
<td>105</td>
<td>8</td>
<td>2 ¼</td>
<td>72</td>
</tr>
<tr>
<td>140</td>
<td>8</td>
<td>3 ¼</td>
<td>88</td>
</tr>
<tr>
<td>190</td>
<td>8</td>
<td>2 ½</td>
<td>72</td>
</tr>
<tr>
<td>CV-1</td>
<td>3 ½</td>
<td>4</td>
<td>3.00</td>
</tr>
<tr>
<td>CV-2</td>
<td>2 ¾</td>
<td>2</td>
<td>1.50</td>
</tr>
<tr>
<td>CV-3</td>
<td>1 ¾</td>
<td>1</td>
<td>0.23</td>
</tr>
<tr>
<td>CV-4</td>
<td>4 ½</td>
<td>3</td>
<td>2.57</td>
</tr>
<tr>
<td>CV-5</td>
<td>3 ½</td>
<td>4</td>
<td>3.00</td>
</tr>
<tr>
<td>CV-6</td>
<td>2 ¾</td>
<td>2</td>
<td>1.50</td>
</tr>
<tr>
<td>CV-7</td>
<td>1 ¾</td>
<td>1</td>
<td>0.23</td>
</tr>
</tbody>
</table>

Copper CV-4

Specialty Item Available

Copper 105

Specialty Item Available

All-aluminum construction.
Available in 8-foot sections and can be cut at 2-foot intervals.
Mounting flange is recessed 3/8" for soffit board.

Models available:
- CV-1
- CV-2
- CV-3
- CV-4
- CV-5
- CV-6
- CV-7

Important Notice: Lomanco is the original and only source for the CF Series (CV-1, CV-2, CV-3, CV-4, CV-5, CV-6, CV-7) intake vent system that is compatible with this product. Lomanco does not recommend using any other intake vent system/applications with the CF Series.
**Triangular Line**

- A-Series is adjustable for steeper pitches.
- A-Series all-aluminum vari-pitch louver adjustable from 6/12 to 12/12 roof pitches.
- A Series & 900 Series have a unique blade design that provides maximum weather protection.
- 900 Series all-aluminum, vari-pitch louver. Adjustable from a 2 1/2/12 to 900 Series vari-pitch.
- Note: A Series & 900 Series Chart available for specifications at each pitch adjustment.

**Square Line**

- 300 Series embossed painted finish for added strength, extended paint life, durability, and blending appearance.
- 8x8 perma-coated screen provided.
- Wide mounting flange.
- Note: Wide mounting flange.
- Available Colors: Dark Brown, White, Medium Brown

**100 SERIES**
- Used for flush mounting.

**200 SERIES**
- Used for recessed mounting. Ideal for homes with siding or brick.

**150 SERIES**
- Can be mounted flush or recessed.

**GABLE VENT EXHAUST SYSTEMS**

- **900 SERIES**
  - Available Colors: Black, White, Medium Brown

**200 SERIES**

**Gable Vents**

- Masters in Home Ventilation Since 1946
- lomanco.com
- 1.800.643.5596

---

**Recommended Stock Sizes**

<table>
<thead>
<tr>
<th>Model</th>
<th>Overall Size (WxH) (in.)</th>
<th>NFA (in.^2)</th>
</tr>
</thead>
<tbody>
<tr>
<td>8x10</td>
<td>10 x 10</td>
<td>19</td>
</tr>
<tr>
<td>12x14</td>
<td>14 x 14</td>
<td>49</td>
</tr>
<tr>
<td>12x18</td>
<td>14 x 20</td>
<td>79</td>
</tr>
<tr>
<td>14x24</td>
<td>17 x 21</td>
<td>106</td>
</tr>
<tr>
<td>18x24</td>
<td>21 x 27</td>
<td>146</td>
</tr>
<tr>
<td>24x30</td>
<td>27 x 33</td>
<td>325</td>
</tr>
<tr>
<td>30x25</td>
<td>33 x 15</td>
<td>146</td>
</tr>
<tr>
<td>30x32</td>
<td>33 x 20</td>
<td>234</td>
</tr>
<tr>
<td>30x40</td>
<td>33 x 27</td>
<td>332</td>
</tr>
</tbody>
</table>

---

**A SERIES**

- A Series is adjustable for steeper pitches.
- A Series all-aluminum vari-pitch louver adjustable from 6/12 to 12/12 roof pitches.
- A Series & 900 Series have a unique blade design that provides maximum weather protection.
- 900 Series all-aluminum, vari-pitch louver. Adjustable from a 2 1/2/12 to 900 Series vari-pitch.
- Note: A Series & 900 Series Chart available for specifications at each pitch adjustment.

**900 SERIES**

- Available Colors: Black, White, Medium Brown

---

**150 SERIES**

- Available Colors: Black, White, Medium Brown
Lomanco® Foundation Ventilation

Lomanco provides a complete line of Foundation Vents. Lomanco offers foundation vents in Plastic, Die-Cast Aluminum, and All-Aluminum Construction. Foundation vents are available in several styles—shutter style, hinged louver style, and with a damper for tight closure.

106 106L 106S

- Die-cast aluminum.
- Aluminum damper for tight closure.
- 106-L has a 1-½" lintel on top for extra strength.
- 106-S does not have damper.

179

- Heavy die-cast aluminum.
- 3-slide shutter provides maximum ventilation.

189

- All-aluminum construction.
- Three hinged louvers.
- Embossed painted finish, available in black and brown, adds strength, extended paint life, and durability.
- 189G is available in galvanized mill finish only.

199

- Polypolylene plastic.
- Easy working 2-slide shutter.
- J209 is larger in height to fit King and Queen Bricks.

2711 2712

- Extruded aluminum construction.
- Deep louvered blades.
- Overlapping top and bottom.
- 2711 replaces a single brick.
- 2712 replaces a double brick.

142 142F

- All-aluminum construction.
- Two-slide shutter for maximum ventilation.
- Self-framed on all sides.
- 142F flush mount with pre-punched holes for ease of installation.
- 142F used as replacement of existing block vents, mobile home skirting, and portable buildings.

How many Foundation Vents do you need?

<table>
<thead>
<tr>
<th>Model</th>
<th>Size (in.)</th>
<th>Description</th>
<th>NFÅ (in.²)</th>
</tr>
</thead>
<tbody>
<tr>
<td>106</td>
<td>16 x 8</td>
<td>Die-cast aluminum with aluminum damper</td>
<td>64</td>
</tr>
<tr>
<td>106L</td>
<td>16 x 8</td>
<td>Same as 106 with 1 ½&quot; lintel</td>
<td>64</td>
</tr>
<tr>
<td>106S</td>
<td>16 x 8</td>
<td>Same as 106 without damper</td>
<td>64</td>
</tr>
<tr>
<td>142</td>
<td>16 x 8</td>
<td>2-slide die-stamped aluminum, self-framed on all sides</td>
<td>46</td>
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<td>142F</td>
<td>16 x 8</td>
<td>Same as 142 with flange</td>
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<td>Die-cast aluminum, 3-slide shutter</td>
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<td>189</td>
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<td>All aluminum construction, 3-hinged louver</td>
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<td>Polypropylene plastic, 2-slide shutter</td>
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<td>J209</td>
<td>16 x 9½</td>
<td>Polypropylene plastic, 2-slide shutter</td>
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<td>2711</td>
<td>1 brick</td>
<td>Extruded aluminum overlapping top &amp; bottom mortar ribs 7/8 x 2 ½ x 3 ½</td>
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<td>2712</td>
<td>2 brick</td>
<td>Extruded aluminum overlapping top &amp; bottom mortar ribs 7/8 x 5 ½ x 3 ½</td>
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Note: Lomanco foundation ventilation product requirements are based on the 1/150 rule.

See page 14 for the PCV-1, a powered solution to upgrade foundation ventilation.
Remember, a properly functioning ventilation system consists of INTAKE and EXHAUST ventilators. Please see the ventilation guide on each product page for the proper number of vents to achieve Residential and Building Code Standards for attic ventilation, or visit the ventilation calculator at lomanco.com.

### Carton Information Index

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