

Limited Warranty

Provided that the Omni Solar Gable Vent powered ventilator product has been installed in strict accordance with the Lomanco, Inc. written installation instructions and in accordance with all local codes and standards, including those pertaining to fire-rated construction, Lomanco, Inc. warrants to the original purchaser of the Omni Solar Gable Vent powered ventilator product that all parts are free from manufacturing defects for a period of 5 years for the motor and solar panel and 10 years on the vent. Lomanco, Inc. will provide replacement parts or product in accordance with this warranty should any failure occur during the warranty periods shown below as a result of manufacturing defect. This warranty does not extend to labor costs incurred in removing the part or installing replacement parts or product. The warranty period starts at the completion of installation of your Omni Solar Gable Vent powered ventilator product and terminates if either your Omni Solar Gable Vent powered ventilator products are replaced or if the building is sold or transferred. In the event of replacement according to the terms of this warranty, the replacement part or product will be warranted only for the original warranty period.

Limitations

Even if the Omni Solar Gable Vent powered ventilator product was not properly installed according to Lomanco, Inc.'s installation instructions, this limited warranty remains in effect if the Omni Solar Gable Vent powered ventilator product fails as a result of manufacturing defects.

Lomanco, Inc. shall not be liable for, and this warranty does not apply to:

1. Damage to roof or building resulting from anything other than a manufacturing defect in your Omni Solar Gable Vent powered ventilator product, including, but not limited to:
 - a. Improper installation of your Omni Solar Gable Vent powered ventilator product.
 - b. Applications not in strict accordance with Lomanco, Inc.'s written installation instructions.
2. Damage to your Omni Solar Gable Vent powered ventilator product or leaking into building resulting from factors beyond Lomanco, Inc.'s control, including, but not limited to:
 - a. Acts of nature – hail, storms, or wind
 - b. Improper storage or handling of your Omni Solar Gable Vent powered ventilator product.
 - c. Damage resulting from the application of overlying or adjacent roofing materials.

Transferability

This limited warranty may not be transferred or assigned, directly or indirectly.

Sole and Exclusive Warranty

THIS WARRANTY IS EXCLUSIVE AND REPLACES ALL OTHER WARRANTIES, CONDITION, REPRESENTATIONS, AND GUARANTEES, WHETHER EXPRESS OR IMPLIED, WHETHER BY STATUTE, AT LAW OR IN EQUITY, INCLUDING THE IMPLIED WARRANTIES OR MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. This written warranty is your exclusive warranty from Lomanco, Inc. and represents the SOLE REMEDY available to any owner of Lomanco, Inc.'s Omni Solar Gable Vent powered ventilator product. Lomanco, Inc. makes NO OTHER REPRESENTATIONS, CONDITION, GUARANTEE, OR WARRANTY of any kind other than that stated herein. LOMANCO, INC. WILL NOT BE LIABLE IN ANY EVENT FOR CONSEQUENTIAL, PUNITIVE, SPECIAL, INCIDENTAL, OR SIMILAR DAMAGES OF ANY KIND, INCLUDING DAMAGE TO THE INTERIOR OR EXTERIOR OF ANY BUILDING, WHETHER FOR BREACH OF THIS WARRANTY, NEGLIGENCE, STRICT LIABILITY IN TORT, OR FOR ANY OTHER CAUSE.

Some jurisdictions do not allow the exclusion or limitation of incidental or consequential damages so the above exclusions or limitations may not apply to you.

Modification

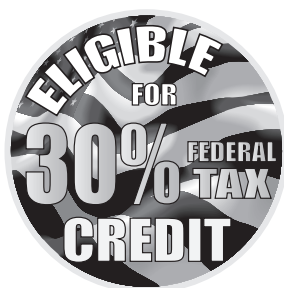
This limited warranty may not be changed or modified except in writing signed by an officer of Lomanco, Inc. No one, including any representative or employee of Lomanco, Inc. has authority to assume any additional liability or responsibility for Lomanco, Inc. in connection with a Omni Solar Gable Vent powered ventilator product except as described in this warranty. This warranty gives you specific legal rights, and you may have other rights, which vary from jurisdiction to jurisdiction.

Effective Date

This limited warranty is effective for Omni Solar Gable Vent powered ventilator products installed within the continental United States, Hawaii, and Canada after June 1, 2011

What The Customer Must Do

If you believe any part is defective, call 1-800-643-5596 for Customer Service.



Federal Tax Credit For Solar Powered Attic Fans

The federal tax credit for solar attic fans is available through 2021. The Omni Solar Gable Vent is eligible for a 30% (up to \$1,500) credit on the purchase price of the fan, installation and sales tax.

To assist with claiming a tax credit, Lomanco has provided a Statement of Certification for homeowners. This form and more information on obtaining a tax credit is available online at omnisolarvent.com

Scan to register online.



ONLINE WARRANTY REGISTRATION

Please fill out the online form at lomanco.com to complete your warranty registration. If for any reason you are unable to register your product online please call 800-643-5596 and we will assist you. Purchase and install date information will be required.

Installation Instructions



Figure 1

READ THESE INSTRUCTIONS CAREFULLY BEFORE STARTING INSTALLATION.

This unit is only intended to function as an attic exhaust vent; other applications are not supported. If you have any questions, contact customer service toll free at 1-800-643-5596.

IMPORTANT!

- ▶ Installation work should be done by a qualified person.
- ▶ Installation should comply with all local codes and standards.
- ▶ Adequate intake ventilation must be provided for proper operation. A minimum of 768 square inches of inlet area must be provided for each solar powered ventilator.

CAUTION!

- ▶ For general ventilating use only. DO NOT use to exhaust hazardous or explosive materials and/or vapors.
- ▶ This unit has an unguarded fan blade. DO NOT use in locations readily accessible to people or animals. This fan is intended for use facing an unoccupied space.
- ▶ When cutting or drilling into walls of ceiling, do not damage electrical wiring or other utilities.
- ▶ Sharp edges are exposed during installation. Use gloves and other appropriate safety equipment to avoid injury.

OPERATION

- ▶ Your Omni Solar Gable Vent unit will operate automatically when the solar panel is illuminated by sunlight. Its speed of operation will vary with the intensity of sunlight the panel is exposed to.

NOTE: The Omni Solar Gable Vent ventilator is designed to add solar power to existing ventilation systems. It can be mounted behind many types of vents or louvers.

VENT INSTALLATION

The **Omni Solar Gable Vent** is designed to make installation easy. Normally you can mount it to existing studs behind your louver. The mounting bracket may be installed either horizontally or vertically. If the studs are not correctly spaced on your home, 2x4 headers should be installed on 16" centers.

See figures 1 and 2.

DO NOT CUT STUDS OR FRAMING MEMBERS. Cutting studs or framing members can weaken the structural integrity of the end wall, if any reframing is required for the installation of this unit consult a professional.

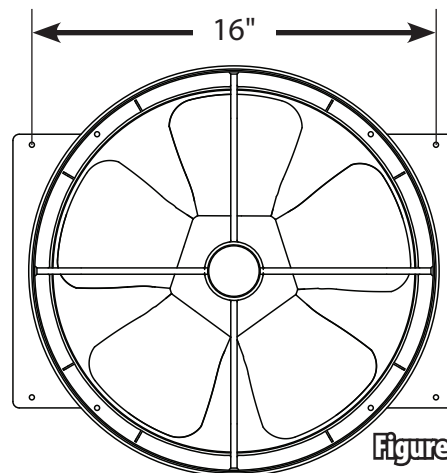


Figure 2

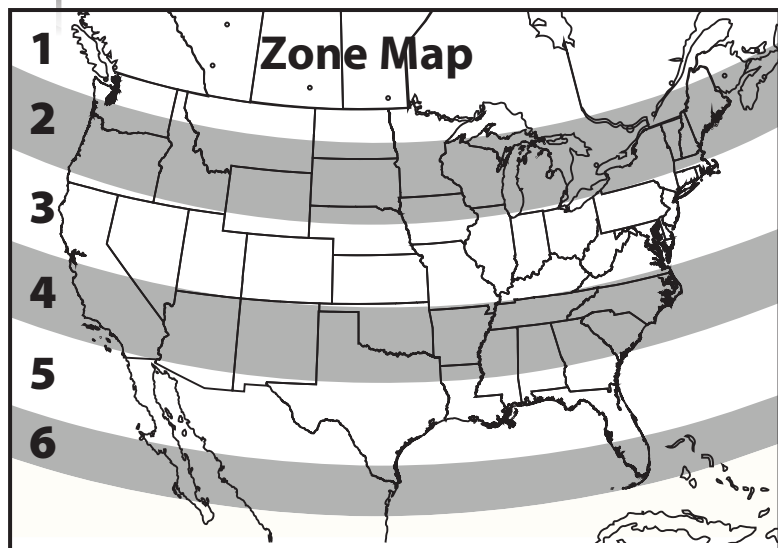
DO'S AND DON'TS FOR ATTIC VENTILATION.

- DO** 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 wrongly pull air in from lower exhaust vent rather than from the soffit Intake Vents.
- DON'T** install exhaust vents at different heights.
- DON'T** install Ridge Vents down the hip.
- DO** install **ONLY ONE TYPE** of Exhaust Ventilation within a common attic area. Exhaust Vents pull air from the easiest Intake source. The use of two or more types of exhaust vents such as Power Vents with Roof Vents or Gable Vents with Ridge Vents or Roof Vents could make one of these vents act as intake instead of pulling air from the soffit vents.
- DON'T** mix different types of exhaust vents.
- DO** install a **BALANCED SYSTEM** of Intake and Exhaust Ventilation. 50% Intake and 50% Exhaust is a balanced system. Improper intake may lead to snow or rain infiltration into the exhaust vents.

Tools and Materials Needed

- wood screws(4)
- Drill with 3/8" drill bit
- 3/8" open-end wrench
- Phillips head power bit
- Grease pencil
- Roofing cement and applicator

Determine your roof pitch by placing the supplied gauge/template on the peak of roof as shown. Position a straight edge as shown and read the roof's pitch from the printed gauge parallel to bottom of straight edge. **See figure 3.** Determine your zone by finding your location on the zone map below. Use the corresponding number and shaded area to identify the zone you are in. Once your zone and roof pitch are known, use the solar panel hole guide shown below to find what position to install the short bracket arm.



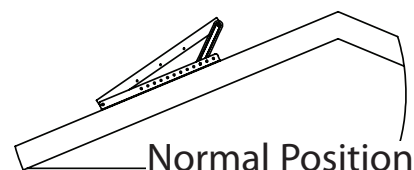
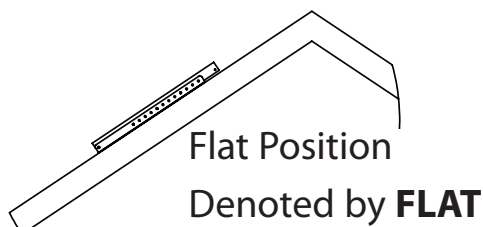
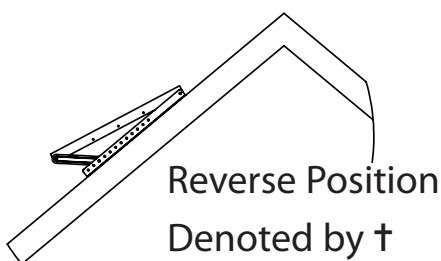
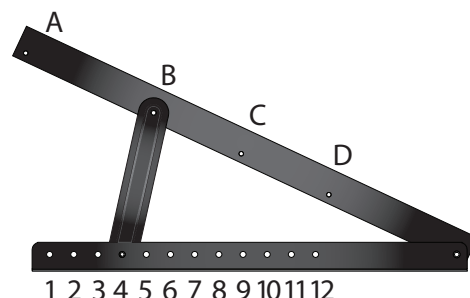
Solar Panel Hole Guide

		YOUR ROOF PITCH											
		1/12	2/12	3/12	4/12	5/12	6/12	7/12	8/12	9/12	10/12	11/12	12/12
ZONE	1	D10	D9	C8	C6	B4	B4	B7	A1	A1	A2	A3	A3
	2	D9	C8	C6	B4	B7	B7	A1	A2	A2	A2	FLAT	FLAT
	3	C8	C6	B4	B7	A2	A1	A2	A3	A3	FLAT	A3†	A3†
	4	C6	B4	B7	A1	A2	A2	A3	FLAT	FLAT	A3†	A2†	A2†
	5	B4	B7	A1	A2	A3	A3	FLAT	A3†	A3†	A2†	A1†	A1†
	6	B7	A1	A2	A3	FLAT	FLAT	A3†	A2†	A2†	A1†	B7†	B7†

FLAT— The panel should be mounted flat against the roof deck. Hole B on the solar panel and Hole 3 on the long bracket arm are aligned to allow flat installation, the short bracket arm is not required.

†— The panel should be mounted in a reverse position on the roof deck.

This example hole guide is shown at position B4.



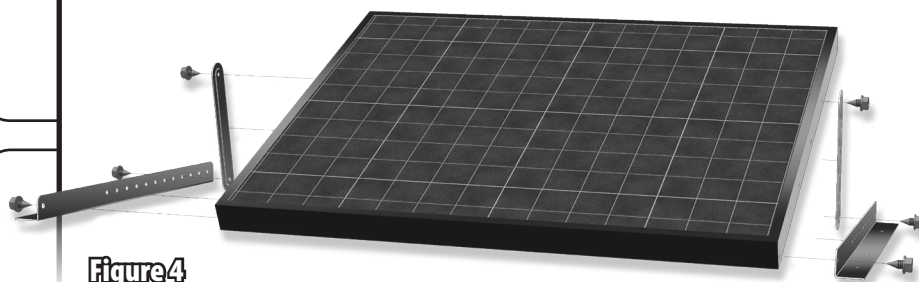


Figure 4

TIP: Solar panel location is a prime factor in the efficiency of your Omni Solar Gable Vent. During the years you may need to trim back trees or remove objects that will throw shadows onto your solar panel.

1. While on the ground, assemble the solar panel and mounting brackets. See figure 4.

A. Attach the long bracket arms to the sides of the solar panel.

B. Adjust the panel to the optimal angle and secure with the short bracket arms.

2. On the roof, select an area within 15 feet of the Omni Solar Gable Vent unit that will provide the most direct sunlight unobscured by trees or other objects.

A. For optimal performance, the solar panel should face the southern exposure.

3. Once panel placement is determined, mark edges of mounting brackets to locate position. See figure 5.

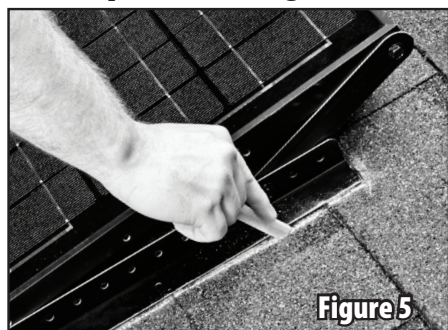


Figure 5

4. Mark a shingle tab under the solar panel where the wire will pass through, and set the solar panel

assembly to the side. See figure 6. Tap roof to check rafter locations and adjust position if needed. Lift the marked shingle tab and drill a $\frac{3}{8}$ " hole. See figure 7. **DO NOT DRILL THROUGH RAFTER.** Feed the wire through the hole into the attic leaving a little excess on the roof. See figure 8.

5. Seal the hole and secure the loose shingle tab using roofing cement.

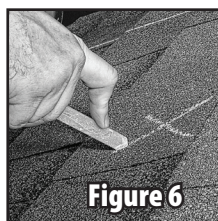


Figure 6

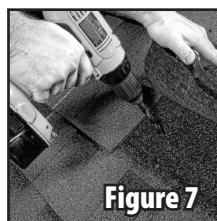


Figure 7

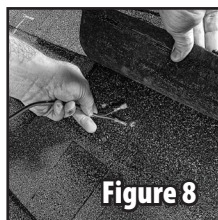


Figure 8

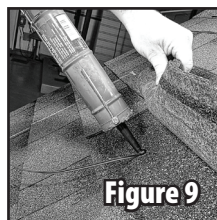


Figure 9

See figure 9. Also, apply roofing cement along the marked bracket positions.

6. Set the solar panel assembly back into place over the roofing cement. Secure using the supplied decking screws. See figure 10.



Figure 10

7. Inside the attic, route and secure the solar panel wire in place. Connect the red solar panel wire to the red motor terminal, then connect the black solar panel wire to the black motor terminal. **WARNING:** The unit will begin operation once the connection is made. See figure 11.

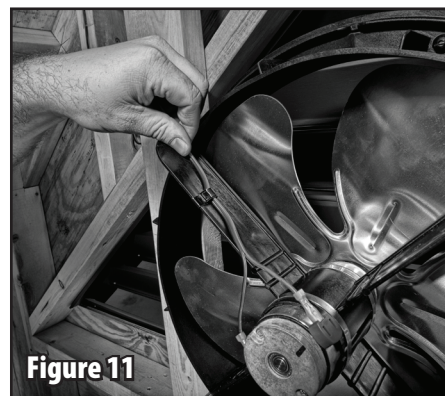


Figure 11

TIP: Cleaning a solar panel is not cosmetic. A panel needs to be clean for it to operate at its rated capacity. Combine it with some other periodic maintenance like checking the batteries in your smoke alarms. The solar panels should be clean to operate at full capacity.

You can find more ventilation information, tips, parts, videos and support on our website www.lomanco.com. Lomanco® has manufactured quality ventilation products since 1946. We know ventilation and how important it is to the comfort and longevity of your home.