

# VentSure™ Solar Attic Exhaust Fan

A comfortable home starts with a well-ventilated attic.

As a homeowner, you're always looking for ways to protect your investment and make your home comfortable for your family. One way to help achieve both is to properly ventilate your attic.

The 25-watt VentSure™ Solar Attic Exhaust Fan:

- Helps deliver the balanced ventilation you need without the guesswork
- Features a technologically advanced Controller Module that automatically operates the fan as needed
- Helps prevent ice damming, heat buildup and mold/mildew in the attic
- Optional Remote Attic Monitor assures you the fan is working without ever having to go into your attic
- Lower operating cost than conventional electric vents



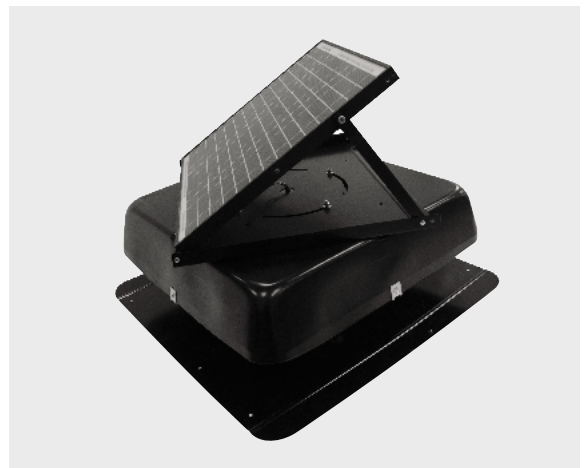
**MAY BE ELIGIBLE FOR A TAX INCENTIVE<sup>++</sup>**



Optional Remote Attic Monitor



Attic-Mounted Controller Module



3-Position Panel with Swivel Design

## Features and Benefits:

- **Optional Remote Attic Monitor** for viewing fan operation and attic conditions without ever entering the attic
- **Controller Module with electronic thermostat and humidistat** that continuously monitor attic conditions and trigger fan operation when needed
  - Fan turns on when attic reaches 80°F or 75% humidity and turns off at 77°F or less and 65% humidity
- **Ultra-quiet fan** delivers maximum performance with minimal noise
- **Designed to prevent leaking** with professional-grade metal flashing and shroud; powder coated for long-term performance
- **20-year warranty\*** on solar panel and housing; 5-year warranty\* on motor
- **25-watt solar panel** powers a robust 38-volt DC motor without the need for electricity
- **Solar panel** can be remotely mounted for improved light gathering and aesthetics
- **3-position panel with swivel design** allows the solar panel to be precisely positioned for maximum exposure to light
- **Gable Mount unit** also available for situations when a Roof Mount unit is impractical or not preferred

Roof Mount, Attic View



Solar Panel Remote Installation



Gable Mount Unit View



## Solar-powered performance bringing you comfort and peace of mind.

When warm, humid air builds up in your attic, it does more than make your house uncomfortable. In the summer, the heat and humidity can lead to mold, mildew, premature deterioration and higher energy bills. In the winter, the warm air can cause snow to melt near the peak of your roof and refreeze at the edges where it can get under the shingles — a problem known as ice damming, which can potentially cause leaks. The VentSure™ Solar Attic Exhaust Fan helps keep your house properly ventilated using solar power or electricity, making your home comfortable while helping protect your roof.

### The VentSure™ Solar Attic Exhaust Fan also offers:

**Advanced technology, intelligent design.** The Controller Module features an electronic thermostat and humidistat that automatically operate the fan as needed, giving you the peace of mind that your attic conditions are maintained at optimal levels.

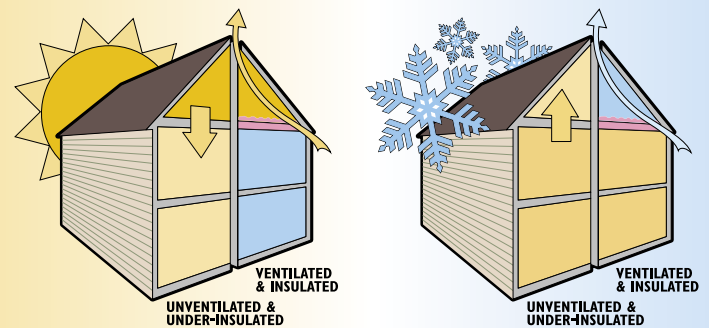
**Optional Remote Attic Monitor.** Stay on top of your home's attic conditions with a convenient portable remote that allows you to view temperature, humidity and fan operation from the comfort of your home.

**Optional electric backup.** The VentSure™ Solar Attic Exhaust Fan is designed to run on solar energy but comes equipped with an optional energy-efficient electric backup to ensure continued operation even when adequate sunlight is unavailable. This can be especially beneficial on summer evenings when hot, stagnant air continues to build up even after sunset. If connected to house electricity, the fan will cycle ON for 8 minutes and OFF for 22 minutes for the next 6 hours, or until solar power is available.

**Solar-powered active ventilation.** Active ventilation increases the amount of air exchanged when compared to passive ventilation, given adequate intake. The VentSure™ Solar Attic Exhaust Fan provides the benefits of active ventilation without the high electricity bills.

## The importance of balanced ventilation.

Ventilation is essential to keeping roofs looking and performing their best. Without proper ventilation, excessive heat and moisture can get trapped in the attic, causing damage to your home. A properly ventilated attic gives trapped heat and moisture an escape route — resulting in improved home energy efficiency — and maximizes the performance of the shingles.



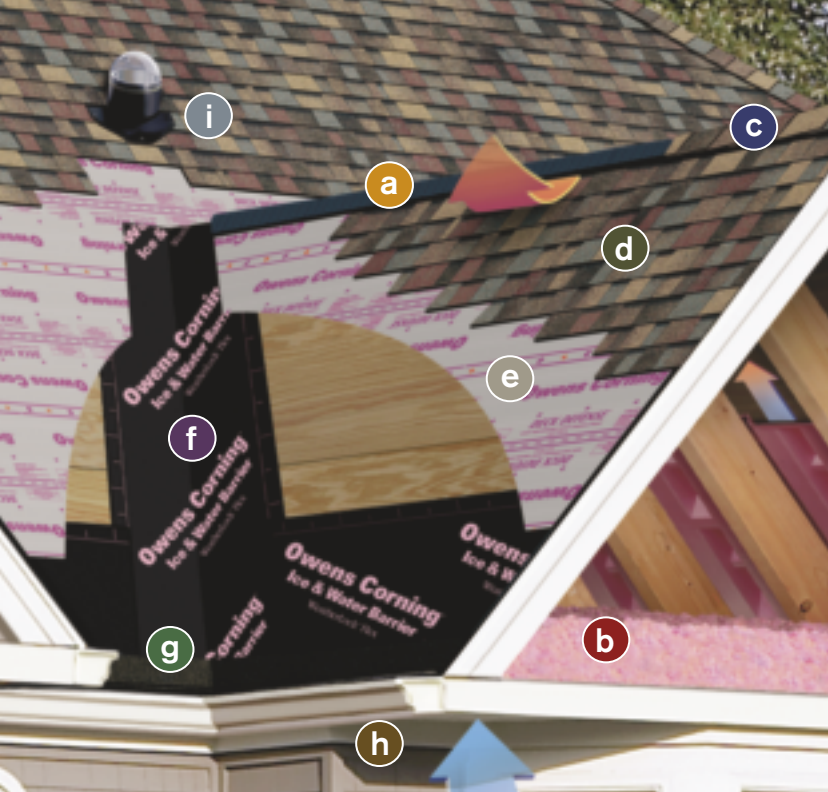
### Active vs. passive ventilation.

Passive vents, such as ridge vents, standard roof vents and turbine roof vents, work to move air out of the attic environment. But depending on your local climate, house location and roof type, you may want to consider active ventilation options. While passive vents use natural air pressure or wind to exchange air, active exhaust vents run on either electricity or solar power and can greatly increase the amount of air exchanged.

### The VentSure® Balanced Air Ventilation System.

You can help prolong the life of your roof and potentially lower your energy bills by installing an Owens Corning™ Roofing VentSure® Balanced Air Ventilation System. The VentSure® Balanced Air Ventilation System features a wide variety of intake and exhaust solutions as well as active and passive ventilation options. Best of all, every VentSure® product is built to meet our high standards for quality and is designed to work with other products in the Owens Corning™ Roofing System to help ensure a roof that will last for many years to come.





## The essentials for a healthy roofing system.

It takes more than just shingles to create a high-performance roof. It requires a system of products working together. Owens Corning™ Roofing Essentials® Accessory Products work with our shingles to produce a roofing system that helps provide maximum durability for a new roof, adding comfort, enjoyment and protection for those who live beneath it.

- a** **VentSure® Ventilation Products**  
Help protect a roof from premature failure by helping remove heat and moisture from the attic.
- b** **PINK® Fiberglas™ Blown-In Insulation**  
Tiny air pockets trapped in the insulation resist the passage of heat flow.
- c** **Owens Corning™ Hip & Ridge Shingles**  
Help protect the ridge vent and add an attractive, finished look to a roof's hips and ridges.
- d** **Owens Corning™ Shingles**  
Add durable beauty to a home. Shingles are the first line of defense against the elements.
- e** **Owens Corning™ Underlayment Products**  
Add an extra layer of protection between the shingles and the roof deck to help prevent damage from wind-driven rain.
- f** **WeatherLock® Self-Sealing Ice & Water Barrier Products**  
Help guard vulnerable areas where water can do the most damage to a roof: eaves, valleys, dormers and skylights.
- g** **Owens Corning™ Starter Shingle Products**  
The first step in the proper installation of shingles.
- h** **Owens Corning™ Undereave Ventilation Products**  
Help prevent moisture buildup in the attic by working with ridge vents to keep air moving.
- i** **Owens Corning™ Illuminator™ Tube Skylight**  
A smart choice for bringing natural light into the home.

## Applicable Codes and Certifications

- TDI Listed for Usage in Texas Coastal Regions (Pending)
- Florida Building Code (Pending)
- Complies with UL 1703 Impact Resistance requirements

Number of Roof Mount Fans Required <sup>†</sup>			
Attic Size (Sq. ft.)	Low Slope 3:12–4:12	Medium Slope 5:12–8:12	Steep Slope 9:12–12:12
1,200	1	1	1
1,600	1	1	2
2,000	1	1	2
2,400	1	2	2
2,800	1	2	3

Number of Gable Mount Fans Required <sup>†/**</sup>			
Attic Size (Sq. ft.)	Low Slope 3:12–4:12	Medium Slope 5:12–8:12	Steep Slope 9:12–12:12
1,200	1	1	1
1,600	1	1	1
2,000	1	1	1
2,400	1	1	2
2,800	1	2	2

<sup>†</sup> It is critical to have the right amount of intake ventilation and to adequately seal the attic floor to prevent pulling air from conditioned space. **For each Roof Mount fan, Owens Corning Roofing requires 600 square inches of intake. See instructions for details.**

<sup>\*\*</sup> **For each Gable Mount fan, Owens Corning Roofing requires 890 square inches of intake. See instructions for details.**

<sup>\*</sup> See actual warranty for details, limitations and requirements.

**†† May be eligible for up to a 30% tax incentive.**  
For more information, visit  
[www.roofing.owenscorning.com/solaratticfan](http://www.roofing.owenscorning.com/solaratticfan)



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