The Solar-Powered Attic Fan That Keeps You Cool

Solar Star not only pays for itself, it’s great for the environment!
Research has proven that heat and moisture are every attic’s worst enemy. While many homes have small passive vents, most are ineffective in moving enough air to expel heat and moisture. Solar Star attic fans are technologically advanced with a “run by the sun” solution for both problems.

Most electric powered attic ventilators are engaged by a thermostat, so they only work when attic temperatures have already built up. Because of this, thermostat activated units are forced to play catch up with that built-up heat. Other systems may only have a humidistat measuring the moisture level in an attic. This too is a problem because when humidity levels reach the preset activation level, condensation and moisture have already reached a critical point.

The solution is Solar Star. Solar Star doesn’t have the costly problem of replacing thermostats or humidistats like electric ventilators. And since Solar Star functions from sunup to sundown, humidity and temperature levels never reach those critical activation levels. The result is a properly ventilated attic which prolongs your roof’s life, lowers your utility costs, and makes your living environment comfortable.

Suppress Heat Build Up.

A hot attic acts like a giant radiator, transferring heat into your living spaces, sending both utility bills and temperatures soaring. In colder climates, heat build-up in an attic causes snow to melt and run down where it freezes at the eaves, causing destructive ice damming.

Solar Star:
- Reduces heat build up.
- Reduces air conditioning costs.
- Prevents ice damming.

Battle Moisture.

Many of today’s houses have insufficient ventilation and air exchange. This causes high humidity levels from everyday activities. The moisture migrates through the ceiling towards the roof where it comes in contact with the cold structure. Here, ice and frost form, causing damage to your roof structure. Additionally, moisture can saturate insulation, promote fungal decay and plywood delamination.

Solar Star:
- Reduces damaging condensation.
- Protects insulation from moisture saturation.
- Fights mold and fungal decay.
- Reduces heating costs.
Solar Star’s Roof Mount Attic Fan Is The Ideal Ventilation Solution.

Solar Star, the leader in solar powered attic ventilation, brings you the most technologically-advanced, environmentally-friendly, ventilation solution today. Best of all, Solar Star brings you the solutions that cost nothing to operate. Imagine the savings.

By placing the unit where it is most effective, the highest point on the roof, it can properly circulate air and ventilate your attic space, transforming your home into a comfortable living environment. Powered by Solar Star’s proprietary 10-watt solar panel, this breakthrough product has been designed to last season after season.

Solar Star Roof Mount Vents:

Low Profile

*This sleek, unobtrusive design is for most roof applications.

Pitched

It’s a great alternative for north facing roofs when you need to improve exposure to the sun. It’s ideal for tile roofs when used with the self-flashing Tile Roof Add-on Kit (sold separately).

High Profile

*This discreet, aerodynamic design is perfect for locations with heavy snow loads. It’s also another option for tile roofs when “mudding in” is preferred.

*Meets Florida Building Code FL3269 and FL7296

How Many Do I Need?

Residential Quantity Guidelines

<table>
<thead>
<tr>
<th>Attic Size</th>
<th>Roof Pitch</th>
<th>Roof Pitch</th>
<th>Roof Pitch</th>
</tr>
</thead>
<tbody>
<tr>
<td>ft² / m²</td>
<td>5/12 to 6/12</td>
<td>5/12 to 6/12</td>
<td>9/12 to 12/12</td>
</tr>
<tr>
<td>800 / 74</td>
<td>1</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>1,200 / 111.5</td>
<td>1</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>1,600 / 149</td>
<td>2</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>2,000 / 186</td>
<td>2</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>2,400 / 223</td>
<td>3</td>
<td>4</td>
<td>5</td>
</tr>
</tbody>
</table>

• Table based on 26’ (8 m) wide roof.
• Air intake vent (eaves or soffit) size requirements:
  Attic area (square feet)/2 =
  Square inches of inlet vent area
  Attic area (square meter)/0.029 = square centimeters of inlet vent area

Need An Extra Panel?

When continuous exposure to the sun is limited on your roof, the Solar Star Add-on Panel is the perfect solution to maximizing any Solar Star products operational time.

Environmentally-friendly and wallet-conscious, these sleek inconspicuous panels are an ideal solution to east/west facing roof slopes, shadowing from trees and/or avoiding morning or afternoon shadowing from other structures or rooftop equipment.

• Solar Star’s “plug and play” technology means easy hook-up to Solar Star Roof Mount Vent.
• Installs easily in under 30 minutes.
• Polymeric housing means long lasting performance in all weather conditions.
• High-impact resistant panel provides protection from hail, wind and foreign object damage.
• Costs nothing to operate.
Whisper quiet motor. No costly electrical hook ups because it's powered by the built-in photovoltaic power source.

Unit comes fully assembled and installs in less than 30 minutes.

Leak-proof, seamless one-piece flashing.

Stainless steel mounting screws.

Non-corrosive and durable polymeric integral exhaust screen.

Lightweight polymeric fan blade minimizes motor resistance and is non-corrosive.

Convert Any Attic Vent Into A Solar-Powered Vent.

The NEW Solar Star Conversion Kit transforms any roof vent into an eco-friendly solar-powered vent. Now you can easily and quickly use the power of the sun to reduce attic heat and battle moisture.

- Boost performance of existing passive vents.
- Transform energy consuming and noisy powered vents into quiet solar-powered vents.
- Powered by the sun. NO electrical hook-up, NO electrician and requires NO cost to operate.
- Choose any sunny roof location to install attractive solar panel.

Great For Converting:

- Gable Vents
- Whirlybirds
- Dormer Vents
- Powered Vents

Kit Includes Fan, 15' Power Cable, and Solar Panel