CONVERT ANY ATTIC VENT TO A SOLAR-POWERED VENT WITH OUR SOLAR STAR IM 1200.

1. Solar Star products develop 100% of their operational power from the sun; therefore it is very important that the solar panel be exposed to as much sunlight as possible. The best location for the solar panel is on a south-facing slope.

2. When using the Solar Star IM 1200, install the fan at the highest vent on the roof for best results.

3. If the fan does not completely cover the vent opening it is installed to, block any remaining areas of the vent opening to allow the fan to draw air from lower intake vents. Ensure net free air opening is a minimum of 1/150 of attic area or in compliance with local building code requirements.

4. Install intake vents (not provided) low on the roof slope to create continuous airflow through your attic. Soffit or eave vents are preferred.

Note: Research has shown that for the highest level of effectiveness, Solar Star products, matched with proper location and static intake vents, provide balanced ventilation. Airflow will vary according to latitude as well as atmospheric and climate conditions.

SUPPRESS HEAT BUILD-UP

A hot attic acts like a giant radiator, transferring heat into your living spaces and 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, which cause destructive ice damming. With Solar Star, you can ventilate your attic, helping to equalize interior and exterior temperatures. The result is a properly ventilated attic which prolongs your roof’s life, lowers your utility costs, and makes your living environment more comfortable. Solar Star:

- Reduces heat build up.
- Reduces air conditioning costs.
- Prolongs roof life.
- Prevents ice damming.
- Reduces heating costs.
- Reduces moisture.
- Protects roof structure.
- Reduces heating costs.
- Fights mold.
- Reduces heat build up.
- Fights mold.
- Reduces heating costs.

INSTALLATION TIPS

1. Determine area to attach fan. Fan may be secured to the studs of a gable vent, the roof deck, or the roof area through a pre-existing fan. Note: Research has shown that for the highest level of effectiveness, Solar Star products, matched with proper location and static intake vents, provide balanced ventilation. Airflow will vary according to latitude as well as atmospheric and climate conditions.

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BATTLES MOISTURE

Many of today’s houses have insufficient ventilation and air exchange. This causes high humidity levels from everyday activities. This 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, reducing its functionality. Not to mention that moisture in the attic can promote mold, fungal decay and plywood delamination. Solar Star:

- Reduces moisture.
- Protects roof structure.
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