

# Solar Star Ventilation Fan



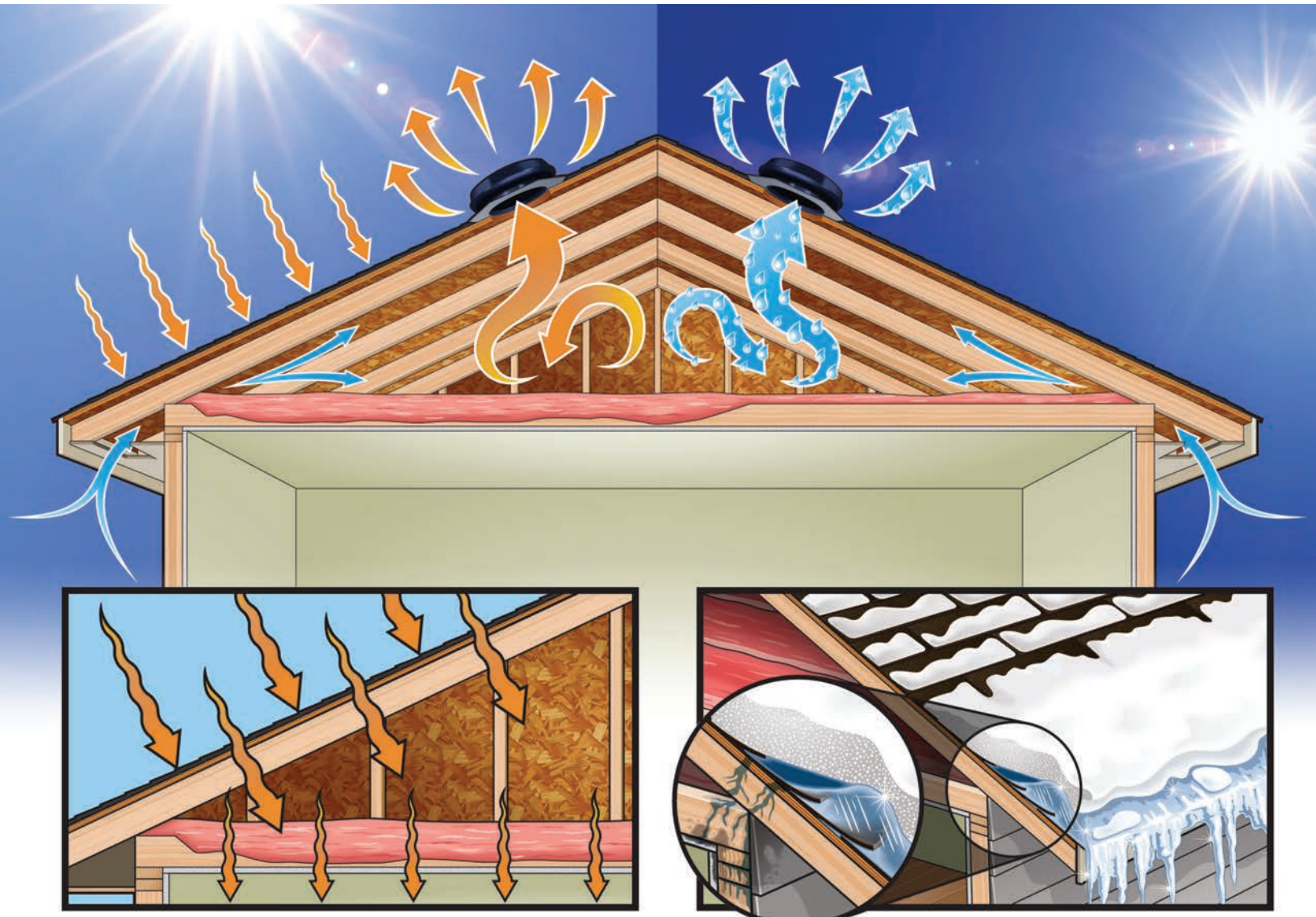
Great for attics,  
garages, sheds  
and more.





## Drive Out Heat and Moisture

Heat and moisture are your enemies when it comes to your home. Solar Star Fans reduce their effects, keeping your home cool in summer and protecting it from harm during winter. Harnessing the sun's energy, these fans use no electricity to effectively ventilate your attic, garage, shed, etc.



### Summer

Built-up heat in your attic can cause:

- Living spaces to become hot and uncomfortable
- Air conditioning units to work harder to keep rooms cool and comfortable
- Utility costs to rise due to increased energy demand
- Roof structures and materials to deteriorate

### Winter

Cold weather and excess humidity can lead to:

- Leaks and structural decay triggered by ice buildup
- Damage to insulation and framing materials produced by moisture accumulation
- Weakening of internal structures caused by mold and fungus growth

# Solar-Powered Fans

## Solar Star Roof Mount 2400

The RM 2400 Solar Fan generates maximum power, making it the ideal solar-powered ventilation solution for larger spaces and extreme climates.



**Typical Solar Star RM 2400 Application**



## Solar Star Roof Mount 1500

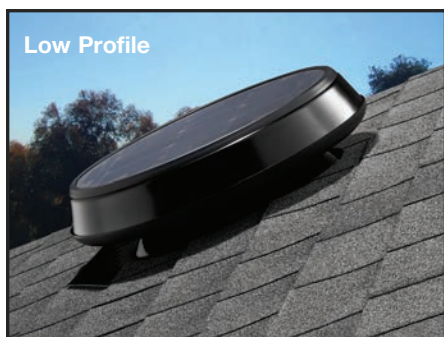
The RM 1500 Solar Fan is the right choice when ventilating smaller spaces, especially in moderate or mild climates.



**Typical Solar Star RM 1500 Application**



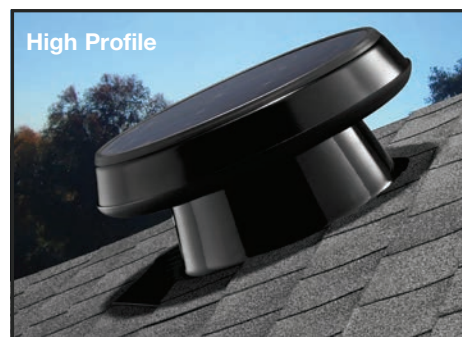
## Roof Mount Fans Are Available In These Attractive Profiles:



This sleek, discreet design works well for most roof applications.



A great alternative for north facing roofs when you need to improve exposure to the sun.



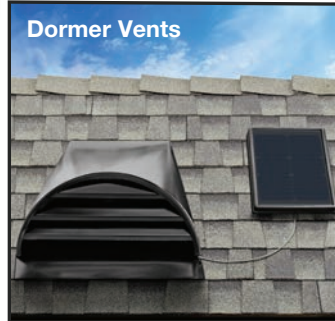
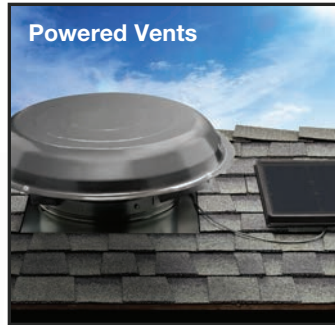
This unobtrusive, aerodynamic design is perfect for locations with heavy snow loads.



# Solar Star Interior Mount 1500

The Solar Star IM 1500 converts your ordinary passive vent into an active, solar-powered venting system. A mounted fan expels built-up heat and moisture through your existing vents, all powered by the sun.

Great for Converting:



## Accessories



The Thermal Switch lets you control when your venting system operates. It automatically activates when temperatures reach approximately 85° F and deactivates when temperatures drop below 65° F.



This sleek add-on provides power when shadows or orientation limit sun exposure to your Solar Star Fan. It resolves issues with:

- East / west facing roof slopes
- Shadowing from trees
- Shadowing from other structure



Advanced solar panel technology generates maximum power.



Non-corrosive polymeric fan blades and exhaust grill are long-lasting.




Seamless, powder-coated zinc-aluminum flashing is leak-proof, rust-proof and durable.



High-performance motor is reliable and whisper quiet.

# How many do I need?



Attic Zone Size (sf/m²)	4/12 Pitch	8/12 Pitch	12/12 Pitch
1200/111.5	1 - RM 1500	1 - RM 1500	1 - RM 2400
1600/149	1 - RM 1500	1 - RM 2400	1 - RM 2400
2200/204	2 - RM 1500 or 1 - RM 2400	1 - RM 2400	2 - RM 2400
2800/260	1 - RM 2400	2 - RM 2400	2 - RM 2400
3300/306.5	2 - RM 2400	2 - RM 2400	3 - RM 2400

 Represents smaller attic zones     Represents larger attic zones

## Recommended air intake venting (eaves or soffits) size requirements:

- Attic Area (square feet)/2 = Square inches of inlet vent area
- Attic Area (square meter)/0.29 = Square centimeters of inlet vent area

## Codes and Approvals

Solar Star RM 2400 and 1500 Low & High Profile models meet Florida Building Code (FL10884) and Texas Department of Insurance (RV-57).  
Solar Star HVHZ RM 2400 and 1500 High Profile model meets Florida Building Code HVHZ (FL14826) and Texas Dept. of Insurance Code RV-87.



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