



## Solar Star Roof Ventilation

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Solar Star, the leader in solar powered attic ventilation is designed to reduce extreme heat build-up in the attic space. With no running costs, it is also an effective way to dry the air in your roof space helping to prevent moisture damage.

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**Product suitability:**  
Any residential roof space. Warehouses and commercial premises.



## Solar Panel

- Advanced proprietary photovoltaic Solar Star solar panel
- High impact resistant panel provides protection from hail, wind and foreign object damage

## Fan blade

- 5-wing, polymeric fan blade designed for high CFM output and low noise
- Proprietary canted fan blades increase airflow
- Lightweight design reduces motor resistance for increased performance and reliability
- Corrosion resistant

## Low profile Roof Mount

Solar Star's low profile roof mount vent is a sleek, unobtrusive design that is perfect for most pitched roof applications

## Housing & Flashing System

- Non-corrosive and durable polymeric integral exhaust screen
- Installed using BRANZ Appraised No. 665(2017) proprietary flashing system designed for roof pitches 5° to 45°

## Motor

- Proprietary high-performance, long lasting motor
- 1 to 38Va-c
- Brushless motor with double-shielded ball bearings
- Precision manufactured to industry standard ISO9001 certifications
- Whisper quiet

## Warranty

- 5 year warranty on solar panel and motor
- 10 year warranty on all other components
- 10 year warranty on installation by Certified Solatube Installation Consultant

## Application Guide



Room Size (m <sup>2</sup> )	Roof Pitch up to 19°	Roof Pitch 19° to 34°	Roof Pitch 34° to 45°
74	1 x RM-1200	1 x RM-1200	1 x RM-1600
111.5	1 x RM-1200	1 x RM-1600	1 x RM-1600
149	2 x RM-1200 or 1 x RM-1600	1 x RM-1600	2 x RM-1600
186	1 x RM-1600	2 x RM-1600	2 x RM-1600
223	2 x RM-1600	2 x RM-1600	2 x RM-1600

Smaller roof space area	Medium roof space area	Larger roof space area
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CODE	DESCRIPTION	DIMENSIONS	SOLAR PANEL	FAN PERFORMANCE
RM1200	Solar powered roof ventilation complete with thermal switch. Thermal switch* automatically activates when temperature is outside of the 18° & 29° range. Suits low sloped roofs with a smaller area.	Base Measurements: 599 x 599mm  Diameter of top section: 554mm	10 watt	Equivalent to 8 Wind Turbines (Whirlybirds)
RM1600	Solar powered roof ventilation complete with thermal switch. Thermal switch* automatically activates when temperature is outside of the 18° & 29° range. Suits steep sloped roofs with a smaller area, steep sloped roofs with larger area or low sloped roofs with larger area.	Unit Height: 168mm  (measurements are dependent on flashing type)	22 watt	Equivalent to 14 Wind Turbines (Whirlybirds)

\* The Solar Star can operate without the Thermal Switch

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