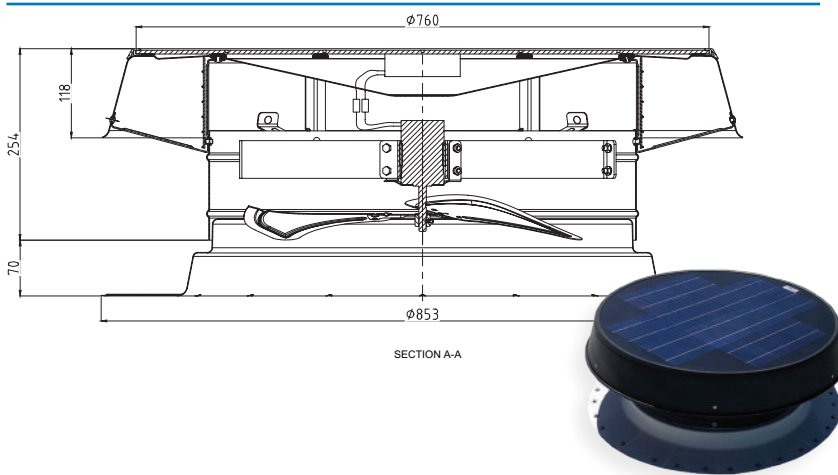


Product: V-Aero 550

Solatube was first to introduce a solar powered roof ventilator in Australia, and we've been cooling homes for over 20 years in the harshest climates throughout the continent.

The latest model in the roof ventilation range from Solatube, the V-Aero 550, uses an innovative V shape design which provides increased airflow over standard flat cawling designs by reducing back pressure above the fan. It's compact design packs a powerful punch for large commercial spaces.

This is the largest and most powerful Solar-Powered Roof Ventilator in our range, designed specifically for commercial buildings. This state-of-the-art ventilator sets a new standard in environmental efficiency and operational performance. Harnessing advanced solar technology, it offers unparalleled power to ensure maximum air circulation and moisture expulsion, all while significantly reducing energy costs. Engineered for durability and high-capacity performance, it stands as the ideal choice for businesses aiming to optimize their workspace environment sustainably. Experience the ultimate in eco-friendly ventilation technology, where size and power meet efficiency and reliability.



TECHNICAL SPECIFICATIONS

Airflow:
3200 m³/h

Motor:
Whisper quiet, brushless DC
Double-shielded ball bearings

Solar Panel Type:
Advanced monocrystalline

Solar Panel Output:
65W

Fan:
3-wing, 530mm diameter, aluminium
fan blade designed for high airflow
and low noise. Corrosion resistant.

Sound Rating:
51dB at 1 meter

Flashing:
Tailored roof flashings to suit individual
roof profiles

Construction:
1.6mm thick powdercoated aluminium

Warranty:
2 year warranty on solar panel and motor
5 year warranty on all other components

Manufacturers Commercial Qty Recomm:

Generally we recommend 2-3 air changes per hour based on the calculated volume of the space but please contact our office to ensure your requirements are met. To calculate the number of units required for a commercial or warehouse building, we must determine the ventilation needed based on variances such as materials stored or activities taking place within the building.

Quantity Calculation:

- Step 1** – Determine the number of air changes
- Step 2** – Calculate the volume of the building
- Step 3** – Calculate the required airflow

$$\text{Required Airflow (m}^3\text{/h)} = \text{Volume of the Space (m}^3\text{)} \times \text{Air changes / Hour}$$