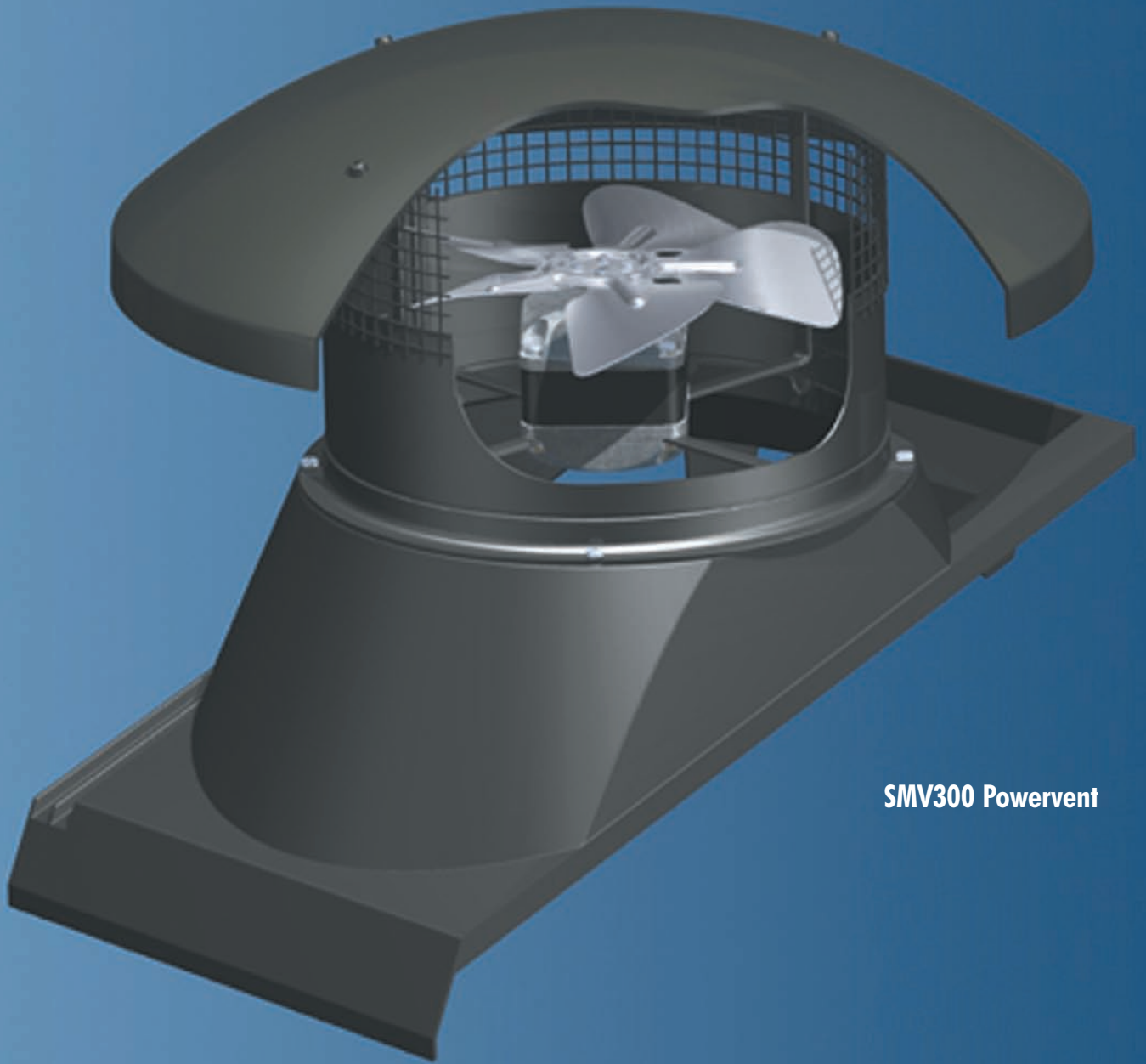


Powervent

THE SOLUTION TO BEATING THE HEAT THIS SUMMER



SMV300 Powervent

Cool your home up to eight times faster!



SKYDOME®

SKYLIGHT SYSTEMS THAT DON'T COST THE WORLD

An affordable solution that really works!

Why Ventilate?

Our harsh Australian environment and often poor building design can result in our homes heating up very quickly during the day.

Heat trapped in the roof space can result in joint distortion, sagging ceilings and, ultimately, paint problems. During winter months, moisture can become trapped within the roof cavity, resulting in the growth of mould and mildew.

While all of this happens in the background, the most important reason to ventilate is to **cool your home**.

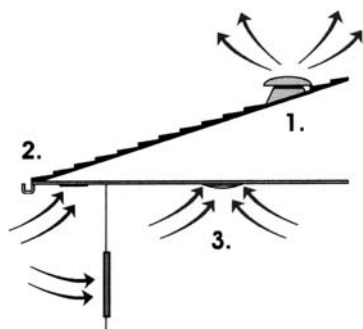
As the heat builds-up in your roof, it radiates through the ceiling and into the rooms below. This heat becomes trapped in a band up to 500mm deep - if the ceilings in your home are 2.4m high, this heat band can be within one foot of your head height!

Ventilation of your roof cavity is the most effective way to combat all of these problems.

What about my roof insulation?

Insulation is designed to prevent heat from escaping, *increasing* the temperature inside your roof. On a hot day, the insulation will eventually reach 'saturation point' - resulting in hot air passing through the ceiling. By trapping heat so efficiently, an insulated roof space will remain hot well into the evening.

The use of effective ventilation increases the performance of roof insulation by removing this trapped hot air. Most reputable insulation companies will recommend the use of additional ventilation in conjunction with their products.



1. SMV300 extracts hot air from the roof cavity
2. Under Eave Vents are recommended to increase the performance of the system.
3. Adjustable ceiling grilles allow hot air to be extracted from individual rooms.
4. Optional thermostat automatically activates the unit as the roof space heats up.

Installation

Electrical work should only be carried out by a licensed electrician. A qualified tradesperson is recommended to carry out the installation to your roof. When working at heights it is important to utilise all the appropriate safety equipment.

Motor Specification	Airflow
70 watt .48amp - 240v	900m ³ per hour or 250l/s

HIA member
the best in the business



Manufactured by Skydome Skylight Systems Pty Ltd



Just 1 SMV300

=

**Up to 8
domestic
wind-powered vents**



**Costs less than 1¢
per hour to run!**



300 x 300 Grille



150 Round Grille



Under Eave Vent



Roof-Mounted Thermostat

Ventilation Guide

Ventilators	Approximate House Size	Minimum Air Intakes
1 x SMV300	Up to 180m ²	4 - 6 grilles
1 x SMV300	180m ² - 200m ²	6 - 8 grilles
2 x SMV300	above 200m ²	8+ grilles

Note: The more intake grilles you install, the faster the hot air will be removed from your roof cavity.

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