POWERVENT SMV 300

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 also results in timber 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 and substantially reduce your air conditioning energy costs**.

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 just above your head height!

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

The answer? Skydome's Powervent SMV300. Equal to 8 wind-powered twirling vents. Hot day + no wind = poor result!

Benefits:

- SMV300 extracts hot air from the roof cavity substantially reducing your energy bills.
- Under Eave Vents are recommended to increase the performance of the system.
- Powervent can also allow hot air to be extracted from individual rooms using directional ducting and ceiling grille.
- You may choose to utilise a timer to pre-set the operating mode.
- Simply plugs into a power point in your roof cavity (an electrician is required) or hardwired to a switch inside a room in your home.

SOLAR POWERVENT

Skydome's Solar Powervent uses the sun's natural rays to generate power via photovoltaic cells mounted on the moulded unit. Skydome's Solar Powervent is especially engineered to permit an efficient fresh air circulation, which provides year-round benefits. 10-Watt solar powered fan is capable of covering a roof space of up to 115 square metres, and our largest unit, the 20-Watt fan covers up to 190 square metres. Additional units are recommended for larger roof spaces.

Features include:

Adjustable Solar Panel: high quality photovoltaic module, 10- or 20-watt, 10 year warranty. The panel can be adjusted to catch maximum solar power during the day; other brands may not be adjustable.

Top Cover: aluminum, powder coated black.

Louver Ring: aluminum, engineered to allow maximum amount of air-flow but small enough to keep insects out.

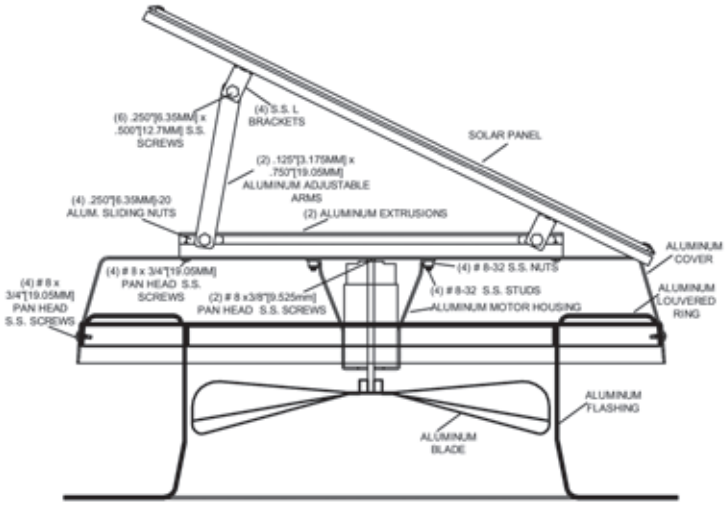
Roof Flashing: Easy to install, leak proof and suit any roof and pitch. Skydome can powdercoat the flashing to suit most corrugated and most modern roofing colours.

Fan Motor: 38.2 VDC brush style motor, formulated with soundless ventilation, 5 year warranty.

Fan Blade: 5 wings, aluminum, and maximum air flow with low horsepower consumption.

Thermal snap switch (optional): the thermal snap switch is designed to turn on the Skydome Solar Powervent when the temperature in the roof space reaches approximately 29 degrees Celcius. This feature allows you to control the temperature in your roof and substantially reduce cooling costs.

N.B. Like most solar-powered products (such as solar hot water) optimum performance requires direct sunlight.



Solar Powervent Specs