

SolarXVENT™ Solar Powered Ventilator

Refer to product table below for applicable product codes covered by this document

Issue **A**

Product Type & Application

SolarXVENT is a solar powered 150mm roof ventilator designed for ventilation of sheds or small residential roof spaces without the need of wind or mains power. It is fitted with a brushless electric motor powered by an 18-volt solar panel.

Conditions of Storage, Use & Maintenance

- Store in the original packaging in a cool and dry area.
- Do not attempt to repair – contact Bradford Ventilation.

Refer to the product warranty at bradfordventilation.com.au for more information.

Limitations of Use

- This product only operates when the solar panel is fully exposed to enough solar irradiance to power the fan – it will not operate at night and in low light conditions.
- The SolarXVENT is designed for use in Class 1 and Class 10 building roof ventilation
- Do not use in cyclonic regions.
- Do not use for exhausting hazardous or explosive materials and vapour.
- This product is not suitable for bushfire (BAL) rated areas.

Specific Design or Installation Instructions

- This product must be installed in a dry location and sealed against water ingress.
- Replacement outside air must be provided via evenly distributed openings such as eave vents positioned to facilitate crossflow ventilation
- Bradford Ventilation recommends 2 eave vents or 0.05m² open area to provide replacement air for each SolarXVent
- The SolarXVENT has an unguarded fan assembly which may start at any time and should not be used in locations readily accessible to people or animals - the fan is intended for use facing an unoccupied/inaccessible space only.
- For optimal performance install SolarXVENT on the northern side of the roof, in a location with clear sunlight that is not shaded. Performance may degrade the greater the orientation from north and deviation from 20° – 35° roof slope.
- SolarXVENT should be positioned close to the roof ridge above areas in the home that contribute moisture, such as the bathroom, laundry and kitchen.
- Avoid positioning SolarXVent over bedrooms, bedroom ensuites or on a roof area adjacent to, or overlooked by an upper level storey of the home where the fan noise may be heard.

For general installation guidance refer to the product installation guide at www.bradfordventilation.com.au

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Applicable Product Codes (SKU)

Variant	Material Code
SolarXVENT Night Sky	187002

Product Specifications

General	
Ventilator Type	Solar Powered Ventilator
Fan Diameter	120 mm
Throat Diameter	150 mm
Product Weight	2.5 kg
Packaged Weight	3.70 kg
Roof Slope Installation Range	3° to 35°

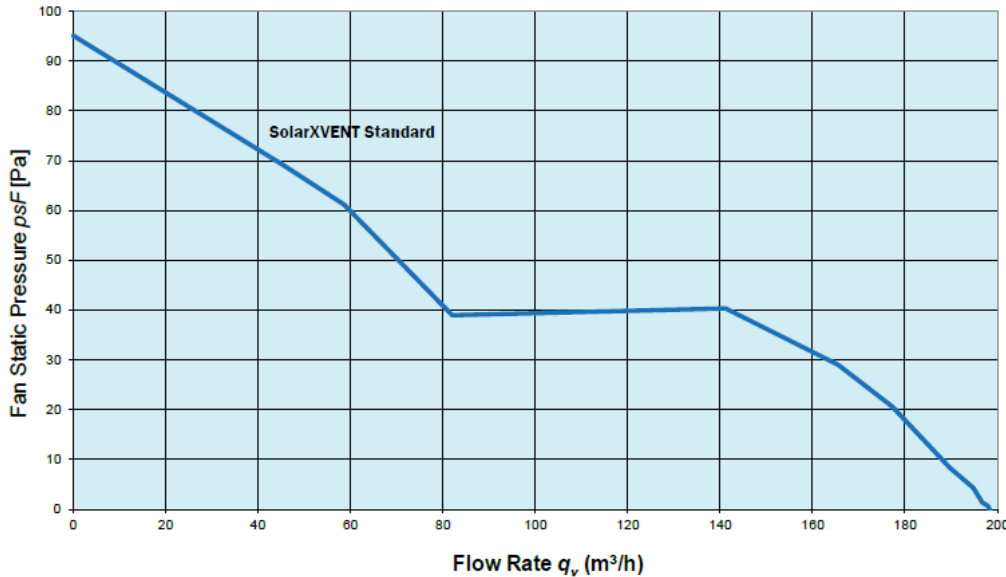
Material	
Housing	Weatherproof Acrylic
Flashing	Aluminium
Screws	Stainless Steel and Galvanised

Electrical	
Solar Panel Type	Polycrystalline Solar Panel
Solar Panel Output Voltage	18V – Max Power 10W
Fan Type	Brushless DC – Axial Fan
Maximum Flow Rate	195 m ³ /hr

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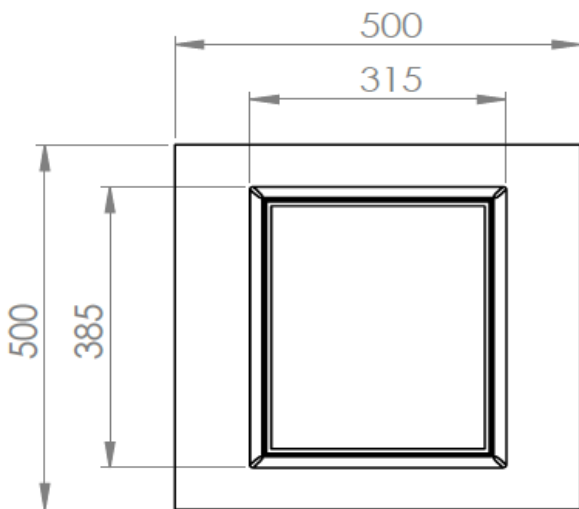
Product Performance – Ventilator Flowrate

Characteristic Curve



Product Dimensions (in mm)

Top View



Side View

