

— FEELING THE HEAT?

Solar Roof Ventilation

— THE SOLARARK ADVANTAGE

Why do you need SolarArk solar roof ventilation?

Our residential solar roof ventilators produce up to the same airflow as 27* traditional whirly wind driven ventilators. We make industrial grade, high-performance solar powered fans capable of moving massive volumes of air. With our efficient design and powerful components, we can help you ventilate any space – with zero running costs.



Cooler in Summer

SolarArk solar roof ventilators can reduce roof temperatures by up to 30°C and room temperatures by up to 6°C.



Reduces Condensation

Reduces the likelihood of mould spores and condensation build up in your roof space that can effect the health and air quality inside your home.



Improves Air Conditioning Efficiency

By reducing the temperature in your roof, this significantly improves the efficiency and performance of your ducted air conditioning, which saves you money.



No Running Costs. Ever.

Being totally solar powered, our entire range of SolarArk solar roof ventilators have a \$0 operating cost over the entire life of the product.



Quiet Operation

Whisper quiet operation by using a brushless DC motor and polycarbonate fan blades means you'll never hear them our SolarArk roof ventilators.



Digital Thermostat Control

SolarArk solar roof vents feature a digital thermostat with adjustable on/off temperature settings, set prior to installation. This allows for precise ventilation control while helping to retain roof space warmth during colder months.



— COMMERCIAL APPLICATION



1 SolarArk
SAV-60T Roof Ventilator



52 Traditional
Whirly Wind Driven Ventilator

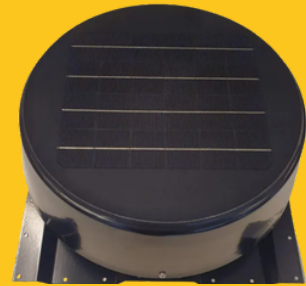
* Refer to page 4, airflow calculator.



SAV-10CW

Perfect for a small shed, kennels, portable toilet, under floor ventilation, cabins and granny flats.

Running Cost	Zero	Colour	Black
Extraction Flow Rate	204 m3/hour	Height	201mm
Solar Panel Type	Monocrystalline	Width	300mm
Solar Vent Placement	North	Opening	150mm
Power Rating	10 Watt	Approx Weight	3kg
Vermin Proof	Yes	PV Panel Warranty	5 Years
SolarArk Range	Wall Vent	Motor Warranty	5 Years



SAV-10C

Designed with a base plate to suit the roof profile of a shipping container roof and a flow rate for a 40ft Volume

Running Cost	Zero	Colour	Black
Extraction Flow Rate	1,112 m3/hour	Height	200mm
Solar Panel Type	Polycrystalline	Width	416mm
Solar Vent Placement	North Direction	Opening	264mm
Power Rating	10 Watt	Approx Weight	7kg
Vermin Proof	Yes	PV Panel Warranty	5 Years
SolarArk Range	Residential	Motor Warranty	5 Years



SAV-10B

Perfect for roof spaces, medium sheds, kennels, medium pump houses, battery rooms, garages and small homes.

Running Cost	Zero	Colour	Black
Extraction Flow Rate	1,112 m3/hour	Height	200mm
Solar Panel Type	Polycrystalline	Width	416mm
Solar Vent Placement	North Direction	Opening	264mm
Power Rating	10 Watt	Approx Weight	7kg
Vermin Proof	Yes	PV Panel Warranty	5 Years
SolarArk Range	Residential	Motor Warranty	5 Years



SAV-10T

Just like the SAV-10 but with a tilt PV panel for those with non-north facing installations.

Running Cost	Zero	Colour	Black
Extraction Flow Rate	1,112 m3/hour	Height	200mm
Solar Panel Type	Polycrystalline	Width	416mm
Solar Vent Placement	All Directions	Opening	264mm
Power Rating	10 Watt	Approx Weight	7kg
Vermin Proof	Yes	PV Panel Warranty	5 Years
SolarArk Range	Residential	Motor Warranty	5 Years



SAV-20

Great value performance for buildings with a north facing roof. Astonishing high flow rate.

Running Cost	Zero	Colour	Black
Extraction Flow Rate	2,718 m3/hour	Height	250mm
Solar Panel Type	Polycrystalline	Width	700mm
Solar Vent Placement	North Direction	Opening	500mm
Power Rating	20 Watt	Approx Weight	12kg
Vermin Proof	Yes	PV Panel Warranty	10 Years
SolarArk Range	Residential	Motor Warranty	5 Years



SAV-20T

Just like the SAV-20 but with a tilt PV panel for those with non-north facing installations.

Running Cost	Zero	Colour	Black
Extraction Flow Rate	2,718 m3/hour	Height	310mm
Solar Panel Type	Polycrystalline	Width	700mm
Solar Vent Placement	All Directions	Opening	500mm
Power Rating	20 Watt	Approx Weight	13kg
Vermin Proof	Yes	PV Panel Warranty	10 Years
SolarArk Range	Residential	Motor Warranty	5 Years



SAV-30

The BIG performer for high extraction requirements. Slim designer styling.

Running Cost	Zero	Colour	Black
Extraction Flow Rate	3,150 m3/hour	Height	200mm
Solar Panel Type	Polycrystalline	Width	700mm
Solar Vent Placement	North Direction	Opening	360mm
Power Rating	30 Watt	Approx Weight	14kg
Vermin Proof	Yes	PV Panel Warranty	10 Years
SolarArk Range	Residential	Motor Warranty	5 Years



SAV-40T

The entry into our commercial range that delivers a massive 3,660m³ flow rate and 40W of power with a directional tilt panel.

Running Cost	Zero	Colour	Black
Extraction Flow Rate	3,660m3/hour	Height	210mm
Solar Panel Type	Polycrystalline	Width	700mm
Solar Vent Placement	All Directions	Opening	350mm
Power Rating	40 Watt	Approx Weight	17kg
Vermin Proof	Yes	PV Panel Warranty	10 Years
SolarArk Range	Commercial	Motor Warranty	5 Years



SAV-60T

The next step into our commercial range that delivers a huge 5,250m³ flow rate and 60W of power with a directional tilt panel.

Running Cost	Zero	Colour	Black
Extraction Flow Rate	5,250m3/hour	Height	355mm
Solar Panel Type	Polycrystalline	Width	700mm
Solar Vent Placement	All Directions	Opening	500mm
Power Rating	60 Watt	Approx Weight	20kg
Vermin Proof	Yes	PV Panel Warranty	10 Years
SolarArk Range	Commercial	Motor Warranty	5 Years



SAV-120T

Our premier large commercial range for those that need the top of the line, no exceptions.

Running Cost	Zero	Colour	Black
Extraction Flow Rate	11,220m3/hour	Height	360mm
Solar Panel Type	Polycrystalline	Width	900mm
Solar Vent Placement	All Directions	Opening	630mm
Power Rating	240 Watt (2x120w)	Approx Weight	45kg
Vermin Proof	Yes	PV Panel Warranty	10 Years
SolarArk Range	Large Commercial	Motor Warranty	5 Years



**Make your
roof cooler
by up to 30°C**

SOLARARK ROOF VENTILATION

Need help knowing what you need for your home?

Tilt panel recommended for non-north facing roofs.
Recommended air intake venting requirements for eaves and soffits is equivalent to the opening dimensions of the fan.
Not recommended for installation on roofs over 28° due to risk of water ingress. For larger roof cavities, please speak with your local SolarArk reseller.

Roof Size	10° Roof Pitch	16° Roof Pitch	22° Roof Pitch	28° Roof Pitch
100m ²	SAV-10	SAV-10	SAV-10	SAV-20
150m ²	SAV-10	SAV-20	SAV-20	SAV-20
200m ²	SAV-10	SAV-20	SAV-30	SAV-40
250m ²	SAV-20	SAV-30	SAV-40	2 x SAV-20
300m ²	SAV-20	SAV-40	2 x SAV-20	2 x SAV-40

* Air flow volumes per/hr calculated by the following method: ("DA" x "AF" x 60sec x 60min = M3/hr)

"DA" = Point of Discharge Area M2 (Gap between hood and fan base plate); "AF" = Air Flow m/s (average of three measurements using TSI 5725 anemometer at "DA")

Fan motor run at maximum wattage of supplied solar panel.

** Air flow volumes can vary, including and not limited to the following: Cloud cover, seasonal solar conditions, sun intensity, latitude location, orientation of solar panel, installation methods, shading, temperature, contaminants on the solar panel.

Australian Owned

SolarArk has been Australian owned and operated since it was established in 2009.

Australian Designed

SolarArk employs some of Australia's leading specialists and engineers in solar energy.

Australia's Best Performer

We make sure our products are the best on the market and always out-performing our competitors.

Need more information? Or have a specific requirement?

We can work with you to ensure our ventilators meet your individual requirements, such as wireless temperature and humidity adjustments, battery and mains power backup, and timers. To arrange a custom quote or discuss how we can work with you to make sure our ventilators meet your individual requirements, give us a call on **1300 670 966**.

For more information about the ventilators found in this brochure, visit our website at www.solarark.com.au