



# Whirlybird roof ventilators or roof vents – Why install them for roof ventilation?

Home / Whirlybird roof ventilators or roof vents – Why install them for roof ventilation?

## Whirlybird roof ventilators – Thinking of installing one ?

Why would you?



The Solar Whiz roof ventilation unit allows the solar ventilation alternative to provide an array of benefits to



homes which require roof ventilation. Seeing as this whirlybird alternative is 10-30 times more powerful than your regular whirlybird, there's no doubt the capacity the Solar Whiz yields will give your home the ventilation it needs,

### Whirlybird Price

Between the performance and capacity of the Solar Whiz roof ventilation unit, there's no doubt that the value for money proposition makes the decision simple and easy. Why



do you spend money on cheap whirlybirds with less air



CLICK HERE!



CLICK HERE

Click here to get help + incorporate a

successful roof ventilation solution into your home is installing a whirlybird roof ventilator or roof vent. These are commonly referred to as roof vents, whirly gigs, air vents, roof ventilators, roof exhaust vent, roof fan, roof turbine ventilator, roof extractor fans, whirlygig or simply a ventilator. For a serious and successful solution which you will see reflected by the results the Solar Whiz produces, you're best option would be to install a Solar Whiz unit.

The roof ventilation product (whirlybird) has been around for a long time, however, it's limited ability to move air out of the roof space, has, over the last decade or two seen more people looking for more powerful alternatives for increased efficiency. More powerful whirlybird

### Roof Ventilator Alternative

The Solar Whiz roof ventilator sometimes referred to as a Solar Whirlybird, takes roof ventilation/attic ventilation to a new level. Not only does the product range offer significantly higher airflow capacity than most powered roof fans available – it is also solely Solar Powered and controlled – which means that it runs – when required (i.e. when the sun is out) ensuring the roof is cooled by extracting hot air from the roof space at a much higher rate (10-30 times) than a whirlybird roof vent style unit.

Find Your Local Dealer

Find Your Local Dealer



Partner Sites

Solar Heating (SAM)



Solar Ventilation



Global Eco & Environmental Solutions



Solar Whiz Articles

- Solar Whiz Trailer In Action (Townsville)
- Whirlybird Roof Ventilators Guide – All About Whirlybirds
- Sub Floor Ventilation – The A to Z

- › Roof Ventilation – Attic Ventilation With Solar Cooling
- › Roof Ventilation in Winter



Testimonial: Read what Greg Savill says about SolarWhiz

Select Show

### ***Benefit of Installing a Solar Whiz instead of a WhirlyBird***

If you need roof ventilation to protect your roof space against moisture damage – running on solar helps ensure replacement air is relatively dry – where as a wind driven roof fan also will run in the rain, which could have the reverse effect and actually increase moisture levels in the roof.

Of course Solar Whiz offers an option to allow ventilation of the roof cavity to continue after sunset, however, most of the job is done during the day. During the day, Solar Whiz roof ventilators prevent heat from building up – whereas the whirlybird roof vents style fan relies on the wind – or the build up of heat in the roof space to start operating. Few realize that the whirlybird roof ventilator relies on the expansion of the air in the roof space – triggered by high temperatures to start running.

### ***Whirlybird Review for Performance of Major Roof Ventilators (Whirlygig)***

Studies reviewing the performance of whirlybird roof vents been carried out showing that the average wind driven roof ventilator moves about 100 cbm/h – a small fraction of the air moved by even the smallest Solar Whiz unit (SW900).

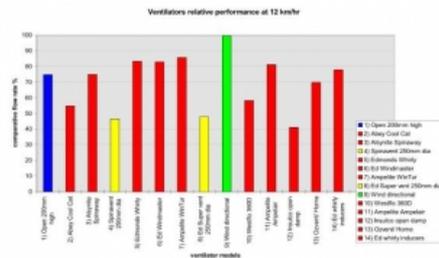


Figure No 3 Relative vents exhaust rate flow at 12km/hr

Click on image to enlarge

### **Do Whirlybirds Work?**

As you can see from above diagram – one whirlybird has a capacity of around 100 cbm/h without resistance (zero pressure differential). To achieve effective roof ventilation – you must replace the air in the roof space 3/5 times an hour. This requires well distributed access points for replacement air (e.g. eave vents) as well as a roof ventilator with sufficient capacity to compensate for the resistance the entry points and obstructions in the roof create for the replacement air, when the roof fan extracts the hot air. One or two whirly bird style roof ventilators will very rarely get you anywhere near the outside ambient temperature – as the capacity simply does not allow sufficient airflow through the roof. The roof ventilation capacity from the Whirlybird review clearly shows that a Whirlybird roof ventilator is not an effective approach to roof ventilation!

### **Whirlybird Installation**



Whirlybird Installation – is very similar to installing a Solar Whiz – and many of our dealers actually prefer to install the Solar Whiz – as it, **unlike the “whirlybird roof ventilator”**, does not require to be level adjusted for longevity – as the double shielded ball bearings and high quality brush-less fan motor ensures incredibly low noise levels as well as durability.

As the installation time and cost is similar for wind ventilators and Solar Whiz units – you will quickly find yourself ahead both performance and cost wise, when installing a Solar Whiz roof vent. **Whirlybird price** is no longer a major consideration – even though the price for one whirlybird is low – the total

amount invested when installing whirly birds in order to achieve adequate roof ventilation is higher for a whirlybird based solution.

Click on one of these links to see videos of how to install a Solar Whiz roof vents:

[Solar Whiz Roof Ventilator – Tin Roof Installation](#)

[Solar Whiz Roof Ventilator – Tile Roof Installation](#)

Printable instructions can be seen using these links:

[tin roof Installation](#) or [tile roof installation](#)

You can also download the Solar Whiz roof vent installation instructions by clicking [here](#)

Every new or old roof should be fitted with a Solar Whiz roof ventilator to allow for better Air Conditioning performance with reduced running time – as well as increased performance – whilst enjoying lower cooling cost when ventilating homes, offices, day care institutions, factories and warehouses.



If you are having work done on your roof or in your attic – make sure you replace your whirly bird wind driven roof ventilator with a Solar Whiz to ensure **optimum roof ventilation performance** to increase your comfort and save on your cooling cost – at the same time!

Solar Whiz installation is **as easy as Whirlybird installation** to organise, if you are in any of these locations:

### Solar Whirlybird Installation:

Brisbane, Gold Coast, Sunshine Coast, Central Coast, Sydney, South Coast, ACT, Melbourne, Adelaide, Perth.

We also cover many regional centers around Australia. Please refer to our [dealer overview](#).

We have very detailed **DIY instructions** – or any roofing contractor, who does Whirlybird Installations will be able to install a Solar Whiz for you.

[Show as slideshow]

Contact Solar Whiz for an alternative Whirlybird Price today