

Benefits

Moisture in your subfloor space can lead to mould or mildew growth. Without proper treatment this can lead to damage to the structure of your home and poses a serious health risk to occupants. Symptoms of a damp subfloor include:



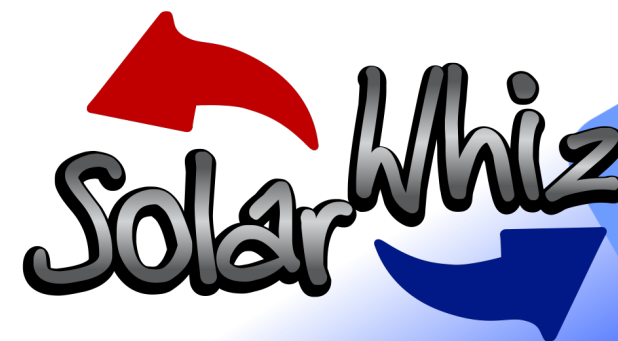
- Rising damp
- Timber rot
- Unpleasant smells under the floorboards
- Potential respiratory problems relating to mould
- Damage to internal walls and paint work
- Breeding grounds for termites, white ants and borers
- Excessive condensation on windows



A dedicated subfloor ventilation system powered by solar energy, not only reduces energy costs but also enhances airflow, effectively combating moisture issues impacting on the structural integrity of your home, whilst significantly improving indoor air quality and decreasing the likelihood of pest infestations.

Our Products

<u>Product Name</u>	<u>Airflow</u>
SW-AU-W-28 Solar Whiz AU-W-28 - Wall Mounted - 28 Watt PV	2,000m3/h
SW-AU-W-40 Solar Whiz AU-W-40 - Wall Mounted - 40 Watt PV	2,500m3/h
SW-AU-W-L-28 Solar Whiz AU-W-L-28 - Wall Mounted With Louvre - 28 Watt PV	2,000m3/h
SW-AU-W-L-40 Solar Whiz AU-W-40 - Wall Mounted with Louvre - 40 Watt PV	2,500m3/h
SUB1200 330mm Inline Fan - 300mm Adaptor - No PV	1,200m3/h
SW-IF-1212C 150mm Inline Fan - w/ 2 Flanges	425m3/h
SW-IF-2412C 150mm Inline Fan - w/ 2 Flanges	425m3/h
SUB0700 220mm Subfloor Fan - Louvre Vent - 10W PV	700m3/h
SWW-368-15 RAF-1600 Wall-840mA w15W PV	1,000m3/h
SWW-368-20 RAF-2500 Wall-1040mA w20W PV	1,200m3/h
SWW-368-40 RAF-4000 Wall-1320mA w40W PV	2,100m3/h



Versatile Subfloor Protection

Protects subfloor spaces from mould and fungi

Improves air quality in the house

Increases building longevity

Reduces condensations in your home

Minimises moisture levels

No running costs

How it Works

Our solar-powered subfloor ventilation systems are flexible and customisable to the job's specific requirements. The system generally comprises of:

- One or more suitable extraction fan
- A roof-mounted solar panel,
- Subfloor vents(for air intake),
- Ducting (not always required)

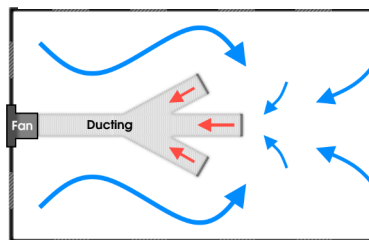
Usually an extraction fan is installed into the wall of the subfloor, with air vents located at the other end of the subfloor. This allows the fan to pull fresh, dry air into the space and flush out stale and damp air.

The solar panel is generally mounted on the roof, but can be installed wherever sunlight is most accessible.



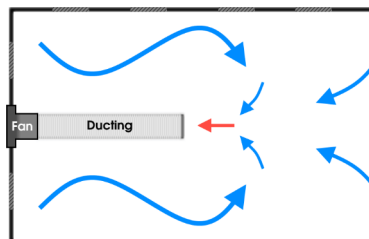
Mains-powered options are available if solar access is limited. However, Solar powered fan provide better outcomes, as they operate t their peak during ideal conditions – i.e. sunny and dry conditions. Powered fans may contribute towards moisture build up when wet and humid.

Bifurcation



A split ducting system uses multiple intakes to a single extractor fan to draw stale air from multiple sections of the subfloor. Generating cross-ventilation in the subfloor space.

Single Duct



A single ducted extraction system will draw air from a specific region of the subfloor space.

Solar subfloor fans offer an eco-friendly and cost-effective solution to improve subfloor ventilation.

By extracting out the stale, moist air, you are:

- Protecting against wet & dry rot,
- Preventing fungal decay,
- Ensuring a healthier subfloor space,
- Protecting your biggest investment.

Given the many different styles of homes and subfloors, we will develop a solution that works best for you.

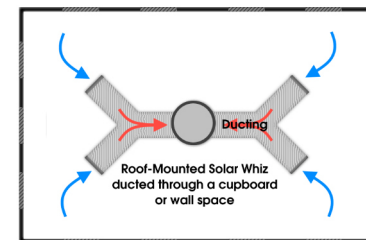
Global Eco & Environmental Solutions

7 Overseas Drive, Noble Park, VIC, 3174

1300 609 994

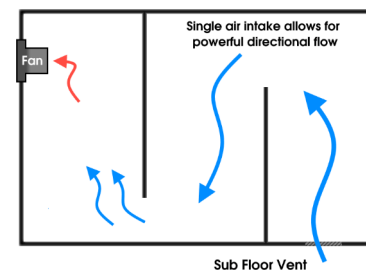
www.solarwhiz.com.au/sub-floor-ventilation/

Roof Mounted

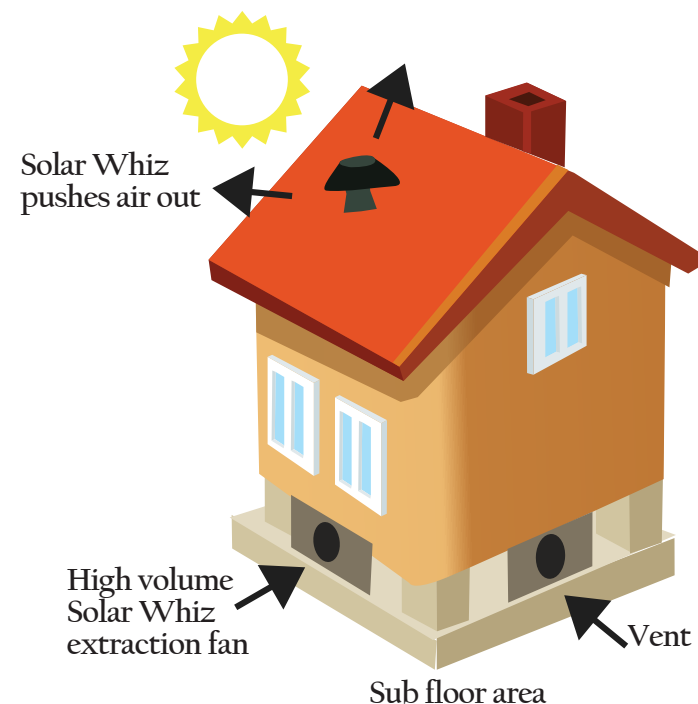


Roof mounted systems can be installed where subfloor space is limited. A Solar Whiz unit is installed on the roof and ducted down to the subfloor.

Push/Pull Method



Push/Pull systems work best for segmented subfloors. Works by channelling air through the space from one end to another



Example of a Roof Mounted System