Keep your house fresh and dry with SolarVenti
- and reduce your energy consumption !

Ideal for new as well as older houses, period homes, cottages, holiday accommodation, bungalows, caravans, attics, garages etc.

Stop the mould & musty smells and create a healthy environment

We all know it too well, houses not ventilated regularly get stuffy and after being closed up a few days the air becomes stale. Houses become mouldy and damp and may have problems with condensation and mildew. Metal equipment rusts and clothes and curtains start to smell. Dampness can create major maintenance and deterioration issues while also making the property less attractive and valuable. According to Asthma Tasmania: "*Damp houses have more mites, mould and bacteria, all of which contribute to respiratory problems*".

A cost effective, trouble-free solution is

SolarVenti

- the solar powered warm, fresh air producer

SV 30 mounted on modern energy efficient home

Roof Mounted SolarVenti

No running costs

This solar powered system costs nothing to run. Once installed, the sun automatically powers the system making it ideal for houses, which suffer from condensation or periodically are unoccupied, without any risks of leakage or property damage.

Comfortable Humidity Levels

According to Queensland Health: "Temperature and humidity have a significant effect on human comfort and health. The most comfortable humidity range is 40-60%, but air temperature and humidity are related in respect to comfort or perceived temperature. The combinations of temperature and humidity where people report comfort is termed the "*comfort zone*". The comfort temperature range is 20°C-26°C

Ventilation with heating

Whenever the sun shines, ***SolarVenti*** will blow fresh, warm and dry air into the building ensuring moisture and stale air is removed. The ***SolarVenti*** system not only ensures a dry and fresh environment, it also provides additional heating for the building. Furthermore, you will find that because the house is dry, your heating requirements are reduced and the existing heating system becomes more efficient. The overall operation of ***SolarVenti*** is simple, efficient and free.

Positioning

A north, north-east or north-west facing site with minimal shade is ideal. ***SolarVenti*** can either be mounted directly on the wall or roof-mounted, affixed to the special brackets provided. The airflow can be regulated using the diffuser installed inside the house, which via a flex-tube is connected to the solar air collector and fan outside.

Easy to install

The system can be fitted within a few hours, either by an installer or by a handyman. The only tools needed are a power drill, screwdriver, hammer and chisel. Full, simple instructions for installation are provided.

Cooling kit

SV7-SV30 systems may be supplied with a thermostat controlled cooling kit which powers a fan when required . At a selected temperature, the cooling fan removes warm air from the room or alternatively the fan may supply cooler air from below the house or through ducts buried in the ground.

Night Cooling

A standard system only operates when the sun is shining. However, many customers inquire about running the system at night. SolarVenti now offers an option that allows you to charge a battery for night operation ventilating the house with fresh (cool air) from the outside.

The 3 components

SolarVenti - the warm, clean and fresh solution

Technical data:

Model	SV2	SV3	SV7	SV14	SV30
Dimension mm	524 x 524 X 55	704 x 524 X 55	1004 x 704 X 55	1990 x 720 X 100	3000 x 1020 X 100
Weight	4,8 kg	5,8 kg	10,1 kg	19.4 kg	29.5 kg
Frame:	Aluminium	Aluminium	Aluminium	Aluminium	Aluminium
Air outlet:	100 mm	100 mm	125 mm	125 mm	125 mm
Colour:	---------- Black, white or aluminium *) ----------				
Cover:	---------- Polycarbonate ----------				
Absorber:	---------- Special felt mat ----------				
Reverse side:	------- 0,8 mm special perforated alu.plate ----------				
PV panel	6 Watt	6 Watt	12 Watt	12 Watt	6 + 12 Watt
Fan	1,8 W	1.8 W	4.8 W	4.8 W	7.0 W
Airflow minimum	25 m^3/ hour	30 m^3/ hour	60 m^3/hour	80 m^3/ hour	140 m^3/ hour
Temp. rise:	Approx. 11^{0}C	Approx. 15^{0}C	Approx. 15^{0}C	Approx. 30^{0}C	Approx 40^{0}C
Ventilation area	Max 25 m^2	Max 40 m^2	Max 60 m^2	Max 110 m^2	Max 150m^2

All models of SolarVenti can be fixed to the wall. A special kit for roof mounting is available (*additional costs apply for roof fixture and coloured frames). Fans may be controlled by a manual switch or a purpose built regulator, allowing for setting of temperature and choosing fan speed.
SolarVenti reserves the rights to make changes without prior notice.

SV 14 mounted on cabin in caravan park

Testimonials

" Returning home after six weeks away (house locked up, curtains closed) I was amazed by the difference. No more mouldy, musty smell, no more 'icebox' feel. The SolarVenti certainly works - it's like having a window open on a warm spring day, every day. Highly effective & highly recommended."
Peter Aberdeen, Adelaide Hills

"Last winter we installed a SolarVenti SV14 system on our house. After the installation the house no longer gets musty (not even when drying clothes inside) - and the SolarVenti also takes the chill of it. When the sun is out the SV14 blows a lot of fresh, warm air into the house, which ensures a pleasant and welcoming feel whenever you walk in."
Stephen Box, Mt. Macedon, Victoria

SolarVenti A/S have developed, sold and installed solar energy systems since 1981. Website: *www.solarventi.com*.
The company has been producing solar air systems since 1988 and SolarVenti since 2002. SolarVenti has sold in excess of 22,000 systems in Europe since the introduction of the new system in 2002. (January 2007)

Use SolarVenti instead of:

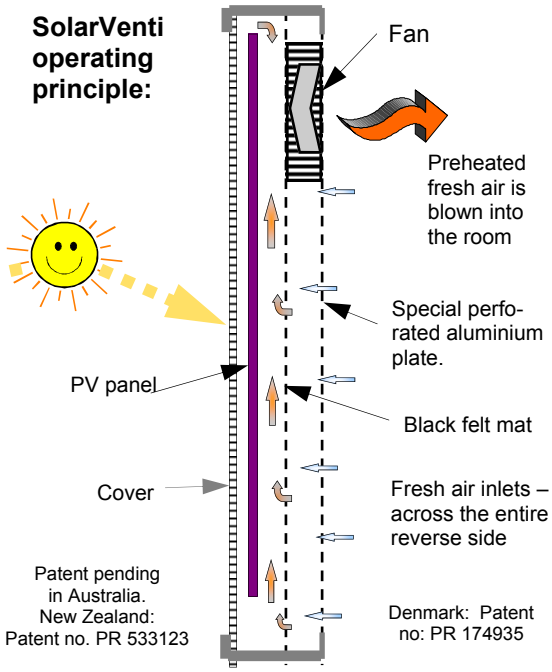
- *electric or gas-powered heating in empty buildings*
- *compressor systems which use electricity*
- *other dehumidifying systems, which are costly to install and operate*

Why is this a better way of removing humidity?

- *After installation, SolarVenti runs automatically and WITHOUT ANY COST.*
- *It doesn't just remove moisture and odours; SolarVenti introduces fresh air into the building and therefore reduces mould, fungi and dust mites.*
- *The improved air quality brings down levels of infections, allergic reactions and toxins in the indoor air.*
- *The risk of dry rot is decreased.*
- *SolarVenti operates without electrical power supply.*
- *No extra heating is needed to keep the house dry.*
- *SolarVenti eliminates the need for opening windows for ventilation and therefore provides added security.*

Is your house larger than 110 m^2? If so, you can either install several smaller systems in different places around the house – or try the SV30.

SolarVenti operating principle:



Where is SolarVenti most useful?

Where fresh air is most needed in all sorts of rooms, buildings and houses, that stand unoccupied for long periods or suffer from poor ventilation. Garages, basements, attics, boats, caravans, cabins, granny flats, beach shacks etc. may also benefit from solar-powered dehumidification and heating. The effect of SolarVenti prevents stored materials from going mouldy or rusty. SolarVenti runs for many years WITHOUT MAINTENANCE OR ADDITIONAL COSTS.

Dealer:

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