

# SolarVenti®

**Keep your house fresh and dry - all year round !**

*Ideal for summer houses, caravans, attics, garages - anywhere that stands unoccupied for periods of time*

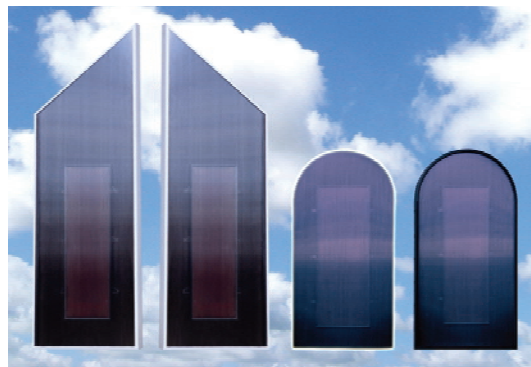
## No running costs!

Controlled by the sun's energy, the SolarVenti system starts and stops automatically and doesn't require electrical input. It is ideal for houses or buildings that are periodically unoccupied. There is nothing that can leak or cause damage while you are away.

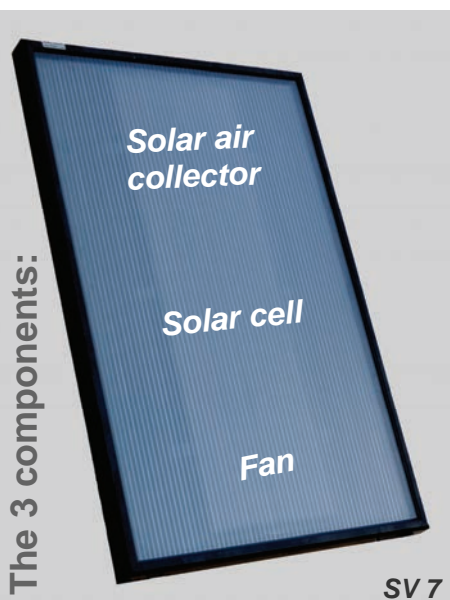
## Ventilation with heating

The SolarVenti fan has a capacity of approximately 15 – 200 m<sup>3</sup>/hour. It ensures that the air in the building is continuously refreshed with warm, dry air. Any humidity or odour is quickly removed. Surplus energy can be used to heat the building.

- Simple, efficient and inexpensive!



**SV12 "Freeline" and SV9 "Rounded" models**



## Finding the right position

A south, south-east or south-west facing site with minimal shade is ideal. The solar panel can be wall-mounted directly or affixed to the special brackets provided. The valve for airflow regulation is installed inside the house and connects via a special flex-tube to the solar air panel and fan on the outside.

## Easy to install

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

## "No-problem" maintenance

SolarVenti is solar controlled and solar maintained, so each time the sun shines the fan will blow fresh, warm, dry air into the building.

There is no running cost - the system is driven by a solar cell.

**SolarVenti®**

[www.solarventi.com](http://www.solarventi.com)

# SolarVenti® - a warm and fresh solution

## Technical data:

SolarVenti: Producer: SolarVenti A/S, Denmark [www.solarventi.dk](http://www.solarventi.dk)

Model	SV2	SV3	SV7	SV14	SV30AX with external solar cell
Dimension mm	524 x 524 x 55	704 x 524 x 55	704 x 1004 x 55	1974 x 704 x 55	3460 x 1020 x 75
Weight kg	4.8	5.5	8.0	14.0	33.0
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 -----				
Ventilator:	Sunon	Sunon	Sunon	Sunon	Sunon
Watt effect:	200 W	230 W	500 W	1000 W	2200 W
Air flow:	15-20 m <sup>3</sup> /hour	20-35 m <sup>3</sup> /hour	40-90 m <sup>3</sup> /hour	60-110 m <sup>3</sup> /hour	150-200 m <sup>3</sup> /hour
	(Up to 30 % more air flow under optimal conditions)				
Temp. rise:	Approx. 11° C	Approx. 15° C	Approx. 15° C	Approx. 30° C	Approx. 40° C
Size of space:	Max 20 m <sup>2</sup>	Max 25 m <sup>2</sup>	Max 40 m <sup>2</sup>	Max 70 m <sup>2</sup>	Max 150 m <sup>2</sup>

All SolarVenti models can be fixed to the wall. There is a special unit for mounting on the roof (\*additional costs are charged for roof fixture and coloured frames). Ventilators may be controlled by a thermostat, speed regulator or manual switch.

Rights to make alterations reserved



The SolarVenti 14 mounted onto the roof of our 60 m<sup>2</sup> summer cottage has provided an excellent supplement to the heating, especially in the spring and autumn. In the winter, the SolarVenti fan provides a change of air and partly heats the house. We measured an inlet temperature of 24° C when the outside temperature was zero! .... It is an ingenious product, which fulfils all promises. We recommend it fully.

Lone and Kurt Rise, x, Denmark

**SolarVenti A/S**, the Danish producer, has developed, sold and installed solar energy systems since 1981. Solar air systems have been produced by the producer since 1988 and SolarVenti since 2001. About 45.000 SolarVenti systems (Sept. 2011) have been sold worldwide.



[www.solarventi.com](http://www.solarventi.com)

## Use SolarVenti instead of:

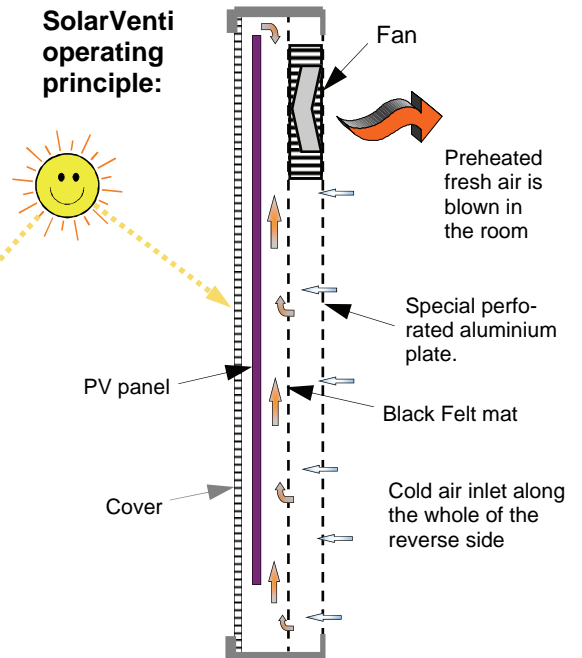
- Electrical or gas-powered heating in empty buildings
- Using compressor systems which consume electricity

## Why is this a better way of removing humidity ?

- After installation, SolarVenti runs automatically and **COMPLETELY WITHOUT COST**
- It doesn't just remove moisture; SolarVenti pushes fresh air into the building
- The risk of dry rot is decreased
- SolarVenti operates without an electrical power supply
- No extra heating is needed to keep the house dry
- Odours are removed

Is your house larger than 70m<sup>2</sup>? If so, you can either install several smaller systems in different places around the house - or try the SV30AX.

## SolarVenti operating principle:



Patents: PR 174935 (Danish) PR 1448937 (European) PR 3808466 (Japanese)  
US 7,694,672 (US) 200400753 (005468) (Russian) Also Asian patents

## 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. Garages, cellars, attics, caravans, etc. may also benefit from solar-powered dehumidification and heating. Prevents stored materials from going mouldy or rusty. This system runs for many years **WITHOUT MAINTENANCE OR FURTHER COSTS**.

