

Solarventi

The solar solution to damp and humidity

A simple solar energy system that runs on its own, even when you are not there!- And provides a free heat supplement in winter.



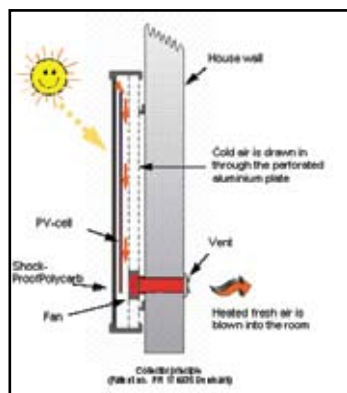
The Solarventi air panel was invented more than 20 years ago by Hans Jørgen Christensen, from Aidt Miljø, with the backing of the Danish government. He wanted to use the sun's energy for airing and ventilation of the thousands of holiday homes on the West coast of Jutland, - houses that were left empty and unheated for long periods – houses with damp problems, mould and bad odours – houses that left their owners with discomfort, lots of work and expense. He wanted to develop a system that would be safe, simple, without the need for radiators, water and/or mains electricity. Slowly but surely, the first Solarventi model came together.

How it works?

The principle behind Solarventi is simple: a small, built-in, solar cell powers a 12V fan which is connected to an air vent, a control unit and an on/off switch.

Whenever the sun shines, the air in the solar panel is heated and the fan, receiving power from the solar cell, introduces warm, dry air into your home at the rate of 20 to 100 cubic metres per hour.

The initial models were more than capable keeping the cottages dry (and ventilated), even with the limited sunshine hours available in Denmark during the winter season. Since that time, the technology has really come along leaps and bounds. Now, more than 20 years later, the 3rd and 4th generation Solarventi have



exceeded all expectations.

In Southern Europe, Solarventi is not only used for ventilation/dehumidification purposes. With far more winter sunshine hours, it also provides a substantial heating supplement. Several technical and governmental studies show that incoming air temperature can be increased by as much as 40°C.

A DIY Solution?

The installation process is very straightforward. It should only take two-three hours. All that is needed is a drill, hammer and chisel, to make a hole in the wall. Roof installations are also possible. Indeed, the Solarventi was originally designed to be a DIY product – in Scandinavia it still is.

There are no electrical or water connections. It can be safely left running, even when the property is empty. Solarventi requires no maintenance. If the property is unoccupied during the hot summer months, then it can be left running at low speeds for ventilation and dehumidification purposes or simply switched off.

With a range of panel sizes, and the option for wall or roof mounting, Solarventi is suitable for all types of buildings, caravans or even boats!!

Following the patenting of its design in 2001, Solarventi has only recently been actively commercialized. Over the last



six years, Solarventi units have been installed in more than 24 countries. Demand is increasing expediently. From Greenland to Australia, Solarventi is finally

getting the recognition it deserves.

Now available exclusively from Técnicas Maro – See the advert on the right.

