

Hanne Mundbjerg, one of the owners of Técnicas Maro, talks with Sentinella about comfort and energy saving solutions for these damp and cold Spanish homes.

Nature provides the fresh air for your home, even whilst you are away.

Q. Many homes are unoccupied for long periods over the spring and summer. What can be done about stale odours and dry mould?

A. Advances in technology enables us to offer simple, cost efficient and energy conserving solutions, e.g. the SolarVenti system.

Q. What is SolarVenti and how does it work?

A. It's a solar powered air panel. When the sun shines the fresh air in the solar panel it heated up, and a solar driven fan introduces huge amounts of fresh, dry air into your home. This air absorbs the humidity and replaces the stale, humid air.



Apt for DIY

Q. What are the benefits of the SolarVenti?

A. First of all you can go away for a longer period, and just let SolarVenti keep the property dry and ventilated, without any running costs. Both summer and winter. And during the months where heating is required, it provides a free heat supplement. As it banishes mildew and mould, it offers all the health benefits associated with having fresh, warm and dry air introduced. It helps people with allergies, asthma, and of course, as the panel is 100% solar driven it also reduces our carbon footprint.

Q. Is it a new product?

A. Yes and no: The first solar air panels were invented over 20 years ago to keep holiday homes in Denmark free of damp. But over the latest years, the system has been improved, - it is now patented and is sold in more than 20 countries, and there are more sizes available. And especially in Southern Europe which has far more hours of winter sunshine, it has been proved that SolarVenti provides a substantial heating supplement as well as it keeps the houses dry and ventilated

Q. How much winter heat does a SolarVenti produce?

A. This depends on the size of the panel, the intensity of the solar radiation that the panel receives and the ambient temperature. E.g. the

SV14, which is the most popular size can produce more than 1000W, which is roughly equivalent to the output of a standard sized electric heater.

Q. Is it difficult to install?

A. For wall mounted installations it is very straightforward: All you need is a power drill, a hammer and chisel and 2-4 hours. Actually in Scandinavia many SolarVenti's are sold as DIY-kits. If the panel is to be installed on a roof, most of our clients prefer to leave it to our installers.



Q. What about maintenance?

A. There are no connections to neither water or mains electricity. SolarVenti operates safely and requires no maintenance, even if you leave you home standing empty, which makes ideal also for holiday homes.

Q. Is the heating adequate for the long winter nights?

A. The warmth of the day is stored in the walls of your home, although when the sun goes down, the fan will stop. During the evening, when reading or watching TV, the suns radiation can be mimicked by our new IR "Warmshield" so your home is protected and your year round comfort is assured. Also of course, when your home is dry less heat energy is required.



IR warmshield disguised with your own photograph

Your comfort is our design

SolarVenti and IR warmshield are available exclusively from Técnicas Maro.
Tel: 95 252 9538