SolarVenti Professional Unit (SV Pro)

SKU SV Pro · Commercial Ventilation · SolarVenti



Price on request

Phone: 1300 789 333
Email: info@airdry.com.au
Web: airdry.com.au/p/solar-venti-professional-unit/

About this product

For larger commercial and professional buildings -Call for price SolarVenti ® Professional Solar Air Collectors significantly reduces the running costs for heating and dehumidification of larger commercial and professional buildings. SolarVenti ® Professional can be integrated with existing air handling (HVAC) systems or designed specifically to optimize the HVAC requirements of a new build. Function The Solar Air Collector will be heated by the solar radiation. The thermal energy created by the solar radiation will be transferred into the building as fresh, preheated air. The air enters the collector through a patented double-perforated rear wall. The air passes through the absorber, made of a black filtrated matting, which is resistant to high temperatures. The material is also the highly effective air filter. Unique to this collector is the conversion of solar energy to warm, fresh dry air. The air gap between the rear wall and the absorber provides sufficient thermal resistance to transfer heat energy to the incoming air, eliminating the need for insulation. Benefits Short payback time (ROI). Powerful dehumidification, and free supplementary heated fresh air, resulting in lower energy consumption. Improves the operation of existing ventilation systems. Especially suitable for professional and commercial building applications.

Specifications

SKU	SV Pro
Brand	SolarVenti
Price (incl. GST)	$0.00
Availability	Out of stock

Frequently asked questions

How does the SolarVenti work from a technical point of view?

The system is free to run and is not connected to the main electricity supply. It is supplied with electricity via a solar cell. When the sun shines it warms up the air in the absorber and the integrated solar cell produces electricity for the built-in fan which blows the heated air into the house. Fresh air from outside is sucked / pulled in through a perforated back plate and a 2 mm black layer of felt. The air velocity is so low that only extremely small amounts of dust, pollen etc.

Why is there visible condensation on the inside of the top Lexan plastic layer of my SolarVenti solar air collector?
Once the SolarVenti has been installed, there will be visible condensation on the Lexan plastic finishing coat on the inside of the solar air collector at regular intervals. This is quite normal and will in no way damage the system. When the warm air in the solar panel meets the cold air - or at any rate colder air - outside the panel, the condensation will become visible.

Is maintenance of a SolarVenti system necessary?
No, it is maintenance-free. Rain and snow wash dust, pollen and other impurities off the system.

Can dust get into the house or into the system?
No, the air is filtered through the felt. The felt cannot get clogged as the air is drawn into the absorber through the whole of the rear of the panel.

How much is delivery?
Small parcel-sized items ship at a flat rate shown at checkout. Large or heavy items such as rangehoods, roof ventilators and kits are freight-quoted: we confirm the cost to your address and send a secure payment link before anything is charged.

How long will my order take to arrive?
We dispatch from Erina NSW within 1–3 business days. Delivery usually takes 2–10 business days depending on where you are.

Do you deliver to WA, NT and Tasmania?
Yes — we deliver Australia-wide, including WA, NT, Tasmania and regional areas. Remote areas can take a few extra days.

Talk to a specialist: 1300 789 333 (Mon–Fri 9am–5pm AEST) · info@airdry.com.au. Prices and availability can change — check airdry.com.au for the latest.