SolarVenti SV14 Solar Air Dehumidifier

SKU 014302 · Solar Powered Dehumidifiers · SolarVenti



$1,540

Including GST · Price at 30 October 2026

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About this product

The SV14 solar air collectors are delivered with on/off switch. The panel filter is maintenance free. Description: Dimensions, SV model: 1974 x 704 x 55 mm Dimensions, box with SV: 2117 x 740 x 150 mm Weight SV: 14 kg – Incl. packaging 19,3 kg Frame: Aluminum (6000 series) Color: Eloxated Black Finishing coat: UV protective Lexan (insulating) Absorber: Special felt (black) Air outlet: 125 mm diameter Rear: Perforated aluminum plate Solar cell(s): Dimensions: 920 x 310 x 9 mm Voltage: 12 Volts Output: 12 Watts Ventilator: Manufacturer: Sunon Model: KDE1208PTB1 – 6A Consumption: 3.7 W Dimensions: 120 x 120 x 25 mm Capacity: 170 m3/hour Output: 60 – 110 m3/hour (*) * Up to 30% more m3/hour of air by full sunshine Regulator: Type: SV regulator unit for operation of solar cell – with on/off switch, regulator, pump control and thermostat Material: Alu eloxated Nature/Black plastic Other details: Temp. increase: Typically approx. 25-30 degrees centigrade. Higher temp. increase by use off less air (m3/hour). Recommended for: Normal use minimum 70 m2. Air quantities (m3/hour) regulated on thermostat or nozzle. Frequently Asked Questions How is SolarVenti different from a conventional electric dehumidifier? SolarVenti runs entirely on solar power — zero electricity cost after installation.

Specifications

SKU	014302
Brand	SolarVenti
Airflow	170 m^3/h
Motor power	12 Watt
Price (incl. GST)	$1,540.00
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.