

INSTALL MANUAL

Solar Roof Ventilator

WARNING: Do not proceed with the installation until you have read the entire instructions, including these warnings.

INSTALL AT YOUR OWN RISK

The installation of this product may be dangerous and includes the potential of death, personal injury or property damage.

Please be aware of the following before installing this product.

- Follow any state or territory regulator OH&S guidelines for working at height (e.g. Roof work), electrical, working in elevated temperatures (e.g. roof space in summer).
- Installation requires climbing and working at heights. Not walking on surfaces that are slippery, wet or dusty. DO NOT attempt to install if you are uncomfortable with working at heights or on sloping roof surfaces.
- There are sharp edges on the flashing, cut tiles, roof sheeting etc. Take care and wear personal protective equipment when handling and installing products
- Be aware of electrical cabling in the roof. If there is any sign of risk, isolate the power before entering the roof space. Be aware that there can be non-isolated electrical cables such as mains supply and solar supply. Note if these are in the roof space and avoid these items.
- If installing eave vents be careful to determine that the eave cladding material does not contain asbestos. If it does or you cannot determine the make up, then the eave vent can only be installed using correct asbestos handling procedures by a person trained and/or licensed to handle asbestos.

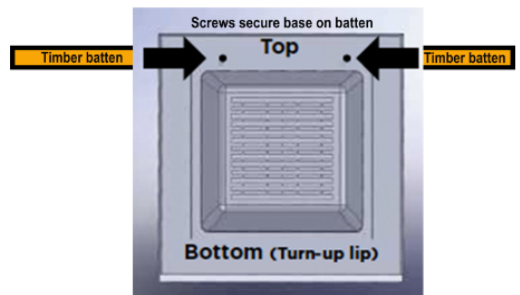
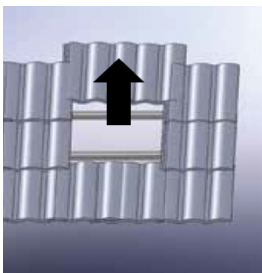
Additional Parts & Tools Required (Not Supplied)

Soft Rubber Hammer, Caulking Gun, Marker Pen, Knife
Angle Grinder, Cordless Drill, Driver
Pliers, Nibbler, Foil Tape, Roof sealant, Screws

TILE ROOF INSTALLATION STEPS

STEP 1 For optimum performance, position the solar ventilator in a north facing position on an area of the roof where it is not shaded or blocked. Select a suitable position for the ventilator on the roof no higher than the third row of tiles down from the ridge. The removal of a tile higher than the third row down from the ridge may damage the ridge tile pointing and is not recommended. Take care to check that there are no obstructions below the tile such as a rafter.

STEP 2 If the roof is sarked, cut sarking in a cross and fold back onto itself to give enough opening. Tape the corners to the surrounding sarking with foil tape to prevent them fouling the ventilator. Folding the cut sarking flaps back on themselves helping to prevent any water running down the sarking from entering through the opening. Position your Solar Roof Ventilator on to the roof battens. Drilling two holes on the fan base and using 50mm galvanized hex head wood screws, securing roof vent base into battens. Two holes may be suitable for cyclonic or high-wind areas. You may need to check your local regulations.



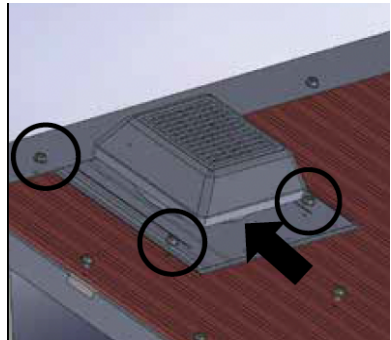
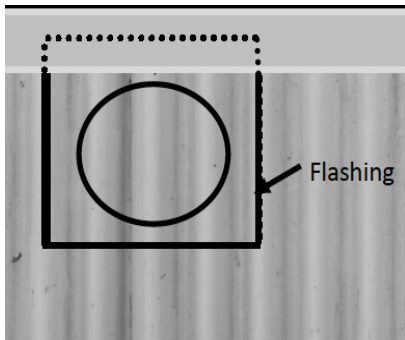
STEP 3 Install surrounding tiles including top and sides. Depending on size of tiles, they may need to be cut to size to fit. Place a bead of silicon or roof sealant on the edges of the two side tiles and outer edges of base of unit. Depending on the distance between your battens, a secondary batten may need to be introduced to offer additional support for the ventilator unit. For BAL installs this must be done with care to ensure that no gaps greater than 3mm are present.

STEP 4 For adjustable solar panel, attaching the provided screws and brackets left from package box to the unit. Install the angle adjustment brackets by securing one end to the regulating plate and the other end to the solar panel frame.

METAL ROOF INSTALLATION STEPS

STEP 1 Select a suitable position for the ventilator. Ridge capping screws may need to be removed whilst performing installation. Upon completion, return the fixing screws to the previous positions Slip the top edge of the flashing base under the ridge cap and mark position. To install the vent lower down the roof, appropriate back flashing must be installed, extending back to the ridge capping.

STEP 2 Cutting a 370mm square or round opening around the center of the position of vent. Positioning the vent over the cut out. Ensure that the top of the flashing is slipped under the ridge capping. A bead of silicon can be applied to ensure a watertight seal before sitting the vent on the cut out.



STEP 3 Using a soft rubber hammer, carefully work around the sides and lower edge of the flashing to form it into the corrugations of the metal sheeting profile. For BAL installs this must be done with care to ensure that no gaps greater than 3mm are present. Secure the flashing to the metal sheeting with Tek along the 3 exposed edges of the base flashing.

STEP 4 For adjustable solar panel, attach the provided screws and brackets left from package box to the unit. Install the angle adjustment brackets by securing one end to the regulating plate and the other end to the solar panel frame.

WARRANTY INFORMATION

Certain legislation, including the Australian Consumer Law (ACL), may imply warranties or conditions or impose guarantees or obligations on SunnyDays which cannot be excluded, restricted or modified or cannot be excluded, restricted or modified except to a limited extent (Owner's Statutory Rights).

THE RIGHTS GIVEN BY THIS SYEARWARRANTYARE INADDIT/ONTOANY RIGHTS AND REMEDIES THAT THE OWNER MAY HAVE UNDER THE AUSTRALIAN CONSUMER LAW AND OTHER LAWS.

SunnyDays Roof Ventilation products listed on this card is warranted by Ergo Panel Systems Australia Pty Limited against defects in parts for a period of 2 years.

SunnyDays Solar Roof Ventilation parts defects covered by this Warranty will replaced at the discretion of Ergo Panel Systems Australia Pty Limited (subject to the owner's rights under the ACL with respect to major failures) without cost to the Owner for parts only but not repair and labor cost.

Any SunnyDays Solar Roof Ventilation parts replaced under this Warranty will be warranted in accordance with the provisions of this Warranty for the remainder of the original warranty period or 12 months from the completion of the replacement of the parts, whichever is the greater.

Except where inconsistent with the Owner's Statutory Rights and the rights given by this Warranty, all other warranties and all liability of Ergo Panel Systems Australia Pty Limited for any loss or damage direct and consequential is expressly excluded. To claim under this warranty Owner should contact Ergo Panel Systems Australia Pty Limited. Owner will be responsible for the costs associated with making the warranty claim, including: All costs associated with postage outside of the area normally covered by Ergo Panel Systems Australia Pty Limited;

The Owner will be liable for all costs incurred by Ergo Panel Systems Australia Pty if the problem is not covered by the provisions of this Warranty or the Owner's Statutory Rights.

THIS WARRANTY DOES NOT COVER:

- a) Faults or substandard performance resulting from operation at conditions outside the operating conditions in any too humid or extreme condition place that is of acid and alkali corrosive gas /liquids.
- b) Faults or substandard performance resulting from incorrect or poor installation.
- c) All costs related to gaining access when installed in unsafe (eg high) or restricted locations.
- d) Faults or substandard performance caused by any product or part other than supplied by Ergo Panel Systems Australia Pty.
- e) Costs associated with postage outside of the area normally covered by Ergo Panel Systems Australia Pty Limited.
- f) Faults or substandard performance caused to the roof vents by faulty or incorrect external electrical wiring, incorrect power supply, voltage fluctuations, over voltage transients or electro-magnetic interference not originating within the roof vents.
- g) Faults or substandard performance caused by vermin, blocked filters, misuse, storm, flood, fire, earthquake, negligence, vandalism, Acts of God, war, foreign matter entering the roof vents(eg leaf matter, dirt or any other outside agency
- h) If the roof vents has been installed and reinstalled in a transportable or mobile application (eg caravan or boat). If the roof vents has been re-installed at a location other than the original location.

Where this Warranty does not apply, the Owner's rights are limited to the Owner's non-excludable rights.

To receive replacement parts under warranty, the purchase receipt must be presented for any faulty items