



**SOLAR VENT  
3000**



**User's Manual**

Thank you for purchasing the solar vent 3000, a high quality solar powered ventilator from Sunforce Products Inc. solar vent 3000 can be used in a variety of locations including boats, RVs, conservatories, green houses and garden sheds. It can be installed in wood, glass, metal polycarbonate or similar materials.

### **Location**

It is important to locate your solar vent so that the solar panel receives the maximum amount of sunlight possible, ideally facing the midday sun and not in the shade.

### **Installation**

If you are unsure how to fit the solar vent 3000 yourself, consult a professional installation expert.

1. Remove the fixing ring and gasket from the barrel.
2. Draw a line around the template provided in the manual.
3. Cut out the hole, diameter 115mm/4.5", using a suitable tool.
4. For added security apply mastic sealant between the guidelines on the underside of the solar vent 3000. For glass applications we recommend use of the large foam gasket without using sealant.
5. Place the product through the hole from the outside. In wood or metal screw the solar vent 3000 to the surface with suitable No. 8 or similar weatherproof screws.
6. Push the fixing ring up the barrel from the inside.
7. If sealant has been used wipe away any excess and leave to dry.

Your solar vent 3000 should now be securely installed.

### **Operation**

Solar vent 3000 has 4 switches, on/off (sun symbol), in/out (house symbol), fiber optic light (light bulb symbol) and bat (battery symbol). The on/off switch works as follows: To switch on, push the switch down into the on position, to switch off, push the switch again and it will release to the off position. In the on position solar vent 3000 will extract air when sufficient daylight hits the solar cell. When the in/out switch is pushed down the ventilator will draw air in, when it is released the ventilator will extract air. The battery switch enables you to operate the ventilator at night or during overcast conditions. The solar vent 3000 diverts some of the power generated during daylight to charge an internal battery. The power stored in this battery is then used to operate the battery function. When the battery switch is pressed the ventilator operates for approximately 10 minutes, if the switch is pressed again within the 10 minutes operation time the ventilator will turn off. The number of battery operations available depends on the amount of power

stored during the sunny conditions. When the on/off switch is in the off position power generated by the solar cell is used to charge the battery. This can be useful if you want to ensure the battery is fully charged for night time or weekend use and you do not need the solar vent 3000 to be working during the day. The light bulb symbol will permit you to clearly see if not only the internal fan is functioning correctly, but will also enable you to visibly see the other options in less than ideal conditions.

### **Battery Replacement**

1. Ensure the unit is turned off.
2. Remove the battery cover which is located in the centre of the ellipse.
3. Remove the AA battery and replace with another AA rechargeable (1.2V 1600mAh NiMh). Ensure batteries are recycled or disposed of in accordance with local regulations. **WARNING: DO NOT dispose of battery in a fire.**

### **Troubleshooting**

Ensure that the top surface of the unit, above the solar cell, is clean. We recommend that you regularly clean the top surface of the solar vent 3000 with a damp cloth.

Ensure that all switches are in the proper position as per the operating instructions.

Ensure that there are no obstructions or debris in the vent that prevent the impeller from rotating. If necessary the finger guard can be removed by unscrewing the 2 screws either side of the ellipse and pulling the guard towards you. The guard is held in 4 flexible location tabs, take care not to damage or break these tabs when removing or replacing the finger guard. If the battery function does not operate, ensure that the battery is working and is securely in place in the battery holder, replace if necessary.

### **Limited Warranty**

This product is covered by a one year limited warranty. Sunforce Products Inc warrants to the original purchaser that this product is free from defects in materials and workmanship for the period of one year from date of purchase. This warranty does not apply in the event of misuse or abuse of the product or as a result of unauthorized repairs or alterations. To obtain warranty service please contact Sunforce Products for further instruction, at 1-888-478-6435 or email [info@sunforceproducts.com](mailto:info@sunforceproducts.com). Proof of purchase including date, and an explanation of complaint is required for warranty service.

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