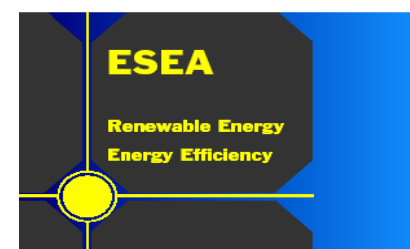


Briar House  
 St Giles Close  
 Holme  
 Peterborough, PE7 3QZ

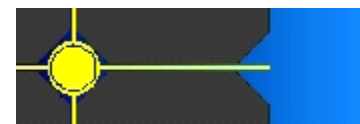


## Solar Venti

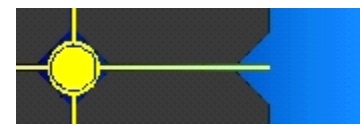
### Solar air heater, de-humidifier, ventilator

**Fresh, sun-warmed, dry air at ZERO running cost**

ID	Use	Performance	Specification
SV2	suited for boats, narrowboats, garages, glider trailers and small to medium caravans and motor homes	airflow of $\sim 20\text{m}^3/\text{hour}$ with a temperature increase of $\sim 12^\circ\text{C}$ of the incoming air	Dimensions: 540 x 540 x 100 (mm) Weight: $\sim 6$ Kg Suitable for floor footprint areas of: $\sim 20\text{m}^2$ maximum
SV3	suited for larger boats and narrowboats, garages, storage trailers and static caravans as well as small second and holiday homes/flats	airflow of $\sim 25\text{m}^3/\text{hour}$ with a temperature increase of $15^\circ\text{C}$ in the incoming air	Dimensions: 720 x 540 x 100 (mm) Weight: $\sim 8$ Kg Suitable for floor footprint areas of: $\sim 25\text{m}^2$ maximum
SV7 slimline	suited for large house boats, big garages and large static caravans as well as smaller second and holiday homes. It can also be used on holiday chalets, log cabins, small changing rooms	airflow of $\sim 60\text{m}^3/\text{hour}$ with a temperature increase of $\sim 15^\circ\text{C}$ in the incoming air	Dimensions: 1004 x 704 x 55 (mm) Weight: 10.1 Kg Suitable for floor footprint areas of: $\sim 40\text{m}^2$ maximum Air outlet: 125 mm Diameter Effective energy output under ideal conditions: Up to 0.25 KW/Hour



<p>SV14 slimline</p>	<p>developed for larger second and holiday homes, where periods of inoccupancy tend to make the air stale and damp. They can also be used on any domestic property with a particular damp, condensation, mildew or odour problem, providing a substantial space heating supplement for free</p>	<p>will dehumidify and warm any building with a footprint up to <math>\sim 70\text{m}^2</math> airflow of <math>\sim 80\text{m}^3/\text{hour}</math> with a temperature increase of <math>\sim 30^\circ\text{C}</math> in the incoming air</p>	<p>Dimensions: 1975 x 705 x 55 (mm) Weight: &lt;20 Kg Incoming air temperature rise: <math>\sim 30^\circ\text{C}</math> maximum Suitable for floor footprint areas of: <math>\sim 70\text{m}^2</math> maximum Air outlet: 125 mm Diameter</p> <p>Effective energy output under ideal conditions: Up to 0.66 KW/Hour</p>
<p>SV30</p>	<p>developed for large second and holiday homes, where periods of inoccupancy tend to make the air stale, damp and musty, or any larger property with a particular damp, mildew or odour problem. Installed on larger domestic and commercial properties in the UK, Denmark and Sweden</p>	<p>Under ideal solar radiation conditions, the SV30 outputs up to 1.6 KW/Hr</p> <p>A single SV30 can dehumidify and warm buildings with up to a <math>\sim 140\text{m}^2</math> footprint</p> <p>airflow of <math>\sim 140\text{m}^3/\text{hour}</math> with a temperature increase of up to <math>\sim 40^\circ\text{C}</math> in the incoming air</p>	<p>Dimensions: 3000 x 1020 x 100 (mm) Weight: <math>\sim 30</math> Kg</p> <p>Airflow under ideal conditions: <math>\sim 120\text{m}^3/\text{hour}</math> minimum</p> <p>Incoming air temperature rise: <math>\sim 40^\circ\text{C}</math> maximum</p> <p>Suitable for floor footprint areas of: <math>\sim 140\text{m}^2</math> maximum</p> <p>Air outlet: 125 mm Diameter</p> <p>Effective energy output under ideal conditions: Up to 1.6 KW/Hour (<math>\sim 5,460</math> BTU)</p>



SV30H PLUS	As above but also provides hot water	<p>outputs up to 1.33 KW/Hour of warm air energy</p> <p>A single SV30H Plus can ventilate, dehumidify and provide supplementary space heating to buildings with up to a ~140m<sup>2</sup> footprint whilst also producing Solar Hot Water for free</p> <p>airflow of ~100m<sup>3</sup>/hour with a temperature increase of up to ~40°C in the incoming air, whilst producing hot water at 55°C to 65°C at the same time</p>	<p>Dimensions &amp; Power Ratings: The SV30H Plus is the largest unit in the SolarVenti range (based on the SV30 frame), but is still small and light enough to be carried by two people.</p> <p>Size: 3000 x 1020 x 100 mm Weight: &lt; 33 Kg Air Outlet: 125 mm Diameter PV Panel size: 920 x 310 x 80 mm PV Power Rating: 24 Watts Impellor: Sunon 6.8 Watts Water pump: 12 Volt Laing [Flow rate 1 to 2.5L/Minute]</p> <p>Performance: Air volume: 100M3/Hour maximum Temperature rise: External air temperature, plus 25oC-40oC (ambient + 25oC-40oC) Energy output (air): ~1.33 Kilowatts/Hour (maximum @ 40oC) (~4,540 BTU) Typical output water temperatures/volumes: - Summer: 50oC to 60oC (supplying up to 80% of needs [family of 3 to 4 people]) - Winter: 30oC to 50oC (supplying 10% to 20% of needs [family of 3 to 4 people])</p>
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