





## Technical Specification Sheet

### Solar Air Shifter

For buildings with roof cavity  
One inlet and one outlet





#### KEY COMPONENTS

Component	Description	Specifications
<b>PV Panel</b> 	Generates electricity from the sun hitting the silicone crystal cells. Manufacturer guaranteed for 10 years	Power: 30 Watts Voltage: 12 Volts Current: 1.78Amps Width: 592mm Depth: 502mm Height: 50mm Qty: 1
<b>Fan box</b> 	Contains 4 powerful and reliable fans with smart design features to maximise air flow and pressure. The fans are powered by the PV panel.	Fans: 4 x 6.8 Watt Fans Width: 590mm Depth: 265mm Height: 175mm Air Flow Rate: 6m <sup>3</sup> /min Inlet & Outlet Dia: 150mm Qty: 1
<b>Electronic control system and switch</b>	User friendly control panel sits in front of a sophisticated electronic control system to manage the Sun Lizards operation.	Wall mount switch & Cable Functions: On/Off, High/Low 240/12V plug pack Qty: 1
<b>Ceiling Register</b> 	Inlet or outlet vents that allows hot or cold air to move between rooms	Colour: White only Diameter: 150mm Overall Width: 270mm Qty: 2
<b>Insulated Flex Duct</b> 	Insulated ducting for transferring air between the ceiling registers and the fan box	Diameter: 150mm Length: 6m R-Value: 1



		Qty: 2
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### OPTIONAL EXTRAS

Component	Description	Specifications
<b>Additional Room Ducting Kit</b>   	Inlet or outlet vents that allows hot or cold air to move between rooms  Includes: 1 x Ceiling Register 1 x Y Branch 1 x Insulated Flex Duct	<b>Ceiling Register</b> Colours: White Only Diameter: 150mm Overall Width: 270mm <b>Y Branch</b> Inlet opening: 150mm Diameter Outlet Openings 150mm Diameter <b>Insulated Flex Duct</b> Diameter: 150mm Length: 6m R-Value: 1
<b>PV Frame</b> 	To tilt the PV panel to the correct angle for maximum solar gain.	Adjustable at various degrees and heights.

### SUPPLIED ACCESSORIES

- User Manual
- Installation Guide