





Technical Specification Sheet





Solar Heat Extractor (Standard)

For Buildings with Roof Cavity



KEY COMPONENTS

| Component | Description | Specifications |
|--|---|--|
| PV Panel  | 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 |
| Fan box  | Contains 4 powerful and reliable fans with smart design features to give maximum 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 ³ /min Inlet & Outlet Dia: 150mm Qty: 1 |
| Electronic control system and switch | User friendly control panel sits in front of a sophisticated electronic control system to manage the Sun Lizard's operation. | Wall mount switch & Cable Functions: On/Off, High/Low 240/12V plug pack Qty: 1 |
| Exhaust flue  | Gets rid of unwanted hot air through the roof and out into the atmosphere | Opening: 150mm dia Height: 450mm Qty: 1 |
| Dektite  | To allow for flashing of exhaust flue so to protect the roof from water or moisture. | Metal Roof Dektite Pipe: 110mm – 170mm Dia Base: 284mm x 284mm |



| | | |
|--|---|--|
| <p>Metal Roofs</p>  <p>Tiled Roofs</p> | | <p>Colour: Black Tiled Roof Dektite Pipe: 110mm – 170mm Dia Base: 600mm x 450mm Colour: Black Qty: 1</p> |
| <p>Ceiling Diffusers</p>  | <p>Remove heat from two rooms</p> | <p>Colours: White Only Diameter: 150mm Overall Width: 270mm Functions: Open/ Close Qty: 2</p> |
| <p>Y Branch</p>  | <p>Joins ducting from two rooms</p> | <p>Inlet opening: 150mm Dia Outlet Opening: 150mm Dia Qty: 1</p> |
| <p>Insulated Flex Duct</p>  | <p>Connects the ceiling diffusers to fan box and exhaust flue</p> | <p>Diameter: 150mm Length: 6m R-Value: 1 Qty: 2</p> |

OPTIONAL EXTRAS

| Components | Description | Specifications |
|---|---|--|
| <p>PV Frame</p>  | <p>To tilt the PV panel to the correct angle for maximum solar gain.</p> | <p>Adjustable at various degrees and heights.</p> |
| <p>Filtered Cooling Vent</p>  | <p>Allow cool, filtered air to come into the building during summer and can be sealed off in winter. Comes with filter, floor register and floor boot. Floor register comes in various colours.</p> | <p>Width: 300mm Depth: 100mm Height: 135mm</p> |

SUPPLIED ACCESSORIES

- User Manual
- Installation Guide