

Zenith Evacuated Tube

Solar thermal collectors



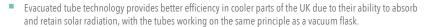
- 14 INDIVIDUALTUBES
 - ErP COMPLIANT •
- IDEAL FOR RETROFIT & NEW BUILD APPLICATIONS •



Zenith Evacuated Tube

Solar thermal collectors





- High build quality designed to use both direct sunlight and daylight maximising energy performance even on cloudy days.
- Ideal for retro fit and new build applications.
- Evacuated tube collectors are easy to install as, if necessary, the tubes can be removed prior to the frame being fitted onto the roof. The tubes can then be positioned within the collector frame.
- Zenith solar thermal packages include an intelligent controller for increased functionality and flexibility.
- Evacuated tube collectors have greater application flexibility, this is due to the wider range of angles the
 collector can be positioned in, while maintaining effective absorption.
- Easy replacement of glass tubes without having to empty the solar heating circuit.
- As a guide 1m² of solar collector is required per person in a household. Up to six collectors can be connected in a series
- Zenith solar thermal collector systems are pressurised which provides greater flexibility for siting of the
 collector and a faster reaction time to daylight and sunlight, maximising upon the sun's energy.
- Integrated CPC mirrors maximise absorption even in oblique light.
- A highly selective finish on the copper absorber plate within each tube guarantees exceptional absorption performance.
- Fourteen individual tubes in each collector.
- Long working life, with no metal parts passing through the glass tubes to cause loss of vacuum.
- Solar Keymark seal of approval.
- Pre Sales service available to provide advice and assistance on suitability and free design service.



SPECIFICATIONS	EVACUATED TUBE COLLECTOR
TOTALAREA	2.77 M ²
EXPOSED AREA	2.40 M ²
EFFECTIVE ABSORPTION AREA	2.69 M ²
DIMENSIONS (MM) (H X W X D)	1730 X 1600 X 145
EMPTY WEIGHT	52 KG
LIQUID CONTENT	2.05 LITRES
RECOMMENDED FLOW RATE OF PANEL (PER M²/H)	30 LITRES
ABSORPTION (α)	> 94%
EMISSIONS (β)	< 7%
MAXIMUM PERMITTED PRESSURE	10 BAR
MAXIMUM TEMPERATURE	236°C

EVACUATED TUBE COLLECTOR PACKAGE CODES	
DESCRIPTION	CODE
EVACUATED TUBE PITCHED ROOF PACKAGE	29450193
EVACUATED TUBE FLAT ROOF PACKAGE	29450194

EVACUATED TUBE COLLECTOR PACKAGE INCLUDES	
EVACUATED TUBE SOLAR COLLECTORS (X2)	AIR VENT
ROOF KIT (PITCHED OR FLAT ROOF)	EXPANSION VESSEL
GLYCOL	PREMIUM CONTROLLER
PUMP STATION	



(1)Subject to registration











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