

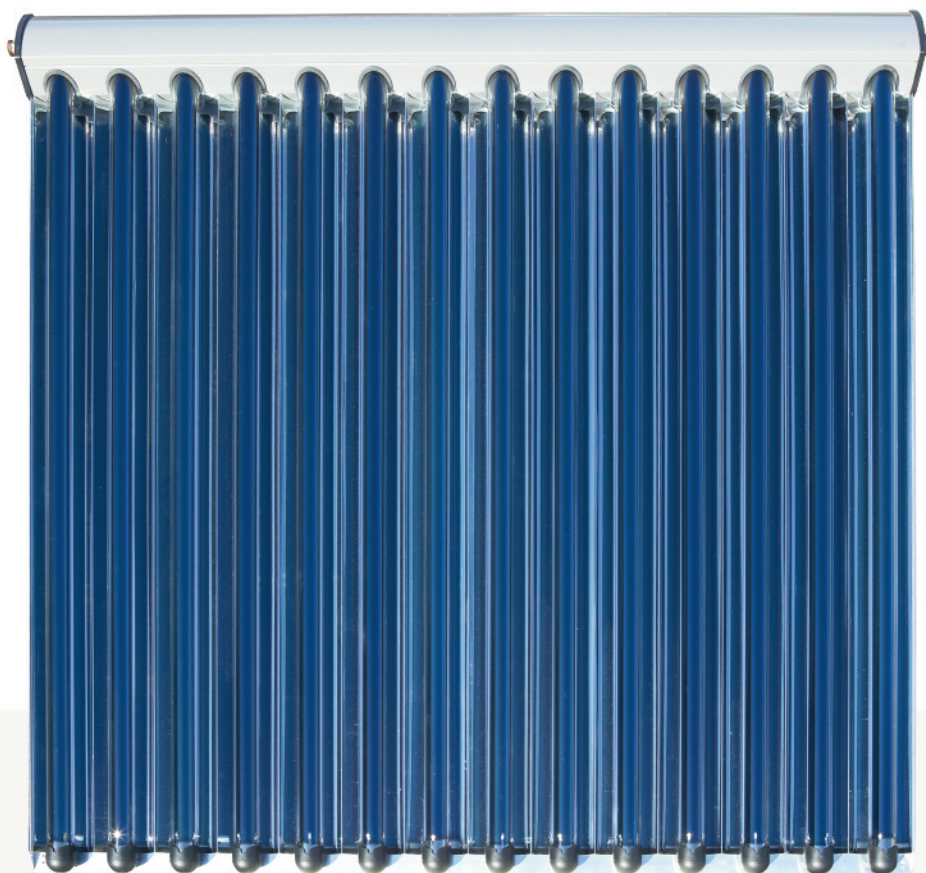
Zenith Evacuated Tube

Solar thermal collectors

14 INDIVIDUAL TUBES

MCS APPROVED

IDEAL FOR RETRO AND
NEW BUILD APPLICATIONS



Zenith Evacuated Tube

Product specifications



TECHNICAL SPECIFICATIONS	Evacuated Tube Collector
Total area	2.77 m ²
Exposed area	2.40 m ²
Effective absorption area	2.69 m ²
Dimensions (mm) (HxWxD)	1730 x 1600 x 145
Empty weight	52 kg
Liquid content	2.05 litres
Recommended flow rate of panel (per m ² /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	

MCS approved demonstrating the quality and reliability of the Zenith solar thermal collector range.

Evacuated tube technology provides better efficiency in cooler parts of the UK due to their ability to absorb and retain solar radiation, with the tubes working on the same principle as a vacuum flask.

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.



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