

Zenith Evacuated Tube

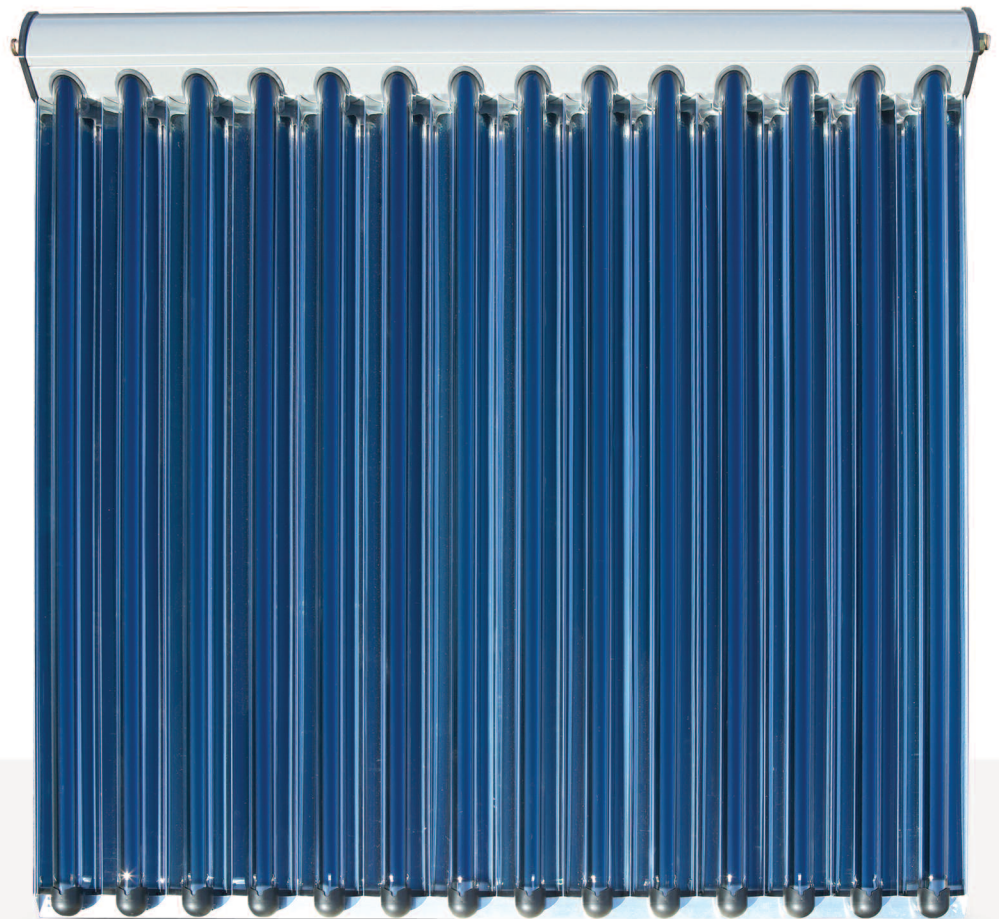
Solar thermal collectors

14 INDIVIDUAL TUBES

HIGHLY SELECTIVE FINISH

IDEAL FOR RETRO AND
NEW BUILD APPLICATIONS

SOLAR KEYMARK SEAL OF
APPROVAL



Zenith Evacuated Tube Solar thermal collectors

SPECIFICATIONS	Zenith Inset Collector
Total area	2.52m ²
Exposed area	2.32m ²
Effective absorption area	2.28m ²
Empty weight	54 kg
Liquid content	1.70 L
Recommended flow rate per m ² of collector (per hr)	30 L
Glass type	Safety glass with anti-reflective surface
Glass thickness	4 mm
Absorption (α)	95%
Emissions (β)	5%
Maximum permitted pressure	10 bar
Maximum temperature	230°C
Dimensions	
Height (mm)	1647
Width (mm)	1560
Depth (mm)	107

BOILER COMPATIBILITY		
Mynute 12HE	Mynute 25HE	Mynute 12VHE
Mynute 30HE	Mynute 15HE	Mynute 12VHE
Mynute 35HE	Mynute 20HE	Mynute 12VHE

OPTIONS	
Description	Code
Aquaflow Twin Coil Cylinder 250	924
Aquaflow Twin Coil Cylinder 300	925

Zenith (Pitched) Evacuated Tube Collector Package Includes	Zenith (Flat) Evacuated Tube Collector Package Includes
Zenith Evacuated Tube Solar collectors (x2)	Zenith Evacuated Tube Solar collectors (x2)
Pitched roof kit	Flat roof kit
Premium controller (3 temp)	Premium controller (3 temp)
Pump station (return only)	Pump station (return only)
18L expansion vessel	18L expansion vessel
Flex & support for 18L expansion vessel	Flex & support for 18L expansion vessel
Glycol 20L (Premix)	Glycol 20L (Premix)
Manual air discharge	Manual air discharge
Insulated pipe 25m (DN15)	Insulated pipe 25m (DN15)
Fittings kit	Fittings kit
Package code	Package code
583	584

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 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 and up to 6 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 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.

14 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.



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