

## Zytech Evacuated-Tube U-Pipe Solar Collector

### C ZYT TV 47 -15

Zytech evacuated U-pipe solar collectors combine cutting-edge performance and efficiency with highly competitive pricing.

Distinguished design, professional finishing, top quality and high energy yield, as well as their excellent price / performance ratio make them stand out.

Zytech Solar collectors are independently, tested and certified by the world's leading solar energy laboratories.

At 1.45 m<sup>2</sup> and subject to optimum positioning, it can harvest enough energy to cover the entire hot water demand for almost three persons.

#### Features

- Top quality high performing evacuated tube u-pipe solar collector
- Works under pressure with a pump for Forced Circulation Systems and can be used horizontally for Thermosiphon Systems also.
- Flexible mounting and installed on: sloping roof, plane roof and balcony
- For all climates including regions with long winters
- Appropriate system for family-use, unit installation as domestic solar water heater and as large-scale solar system project
- Long life durability and easy maintenance
- High efficiency with long-term stability
- Solar Keymark certified product



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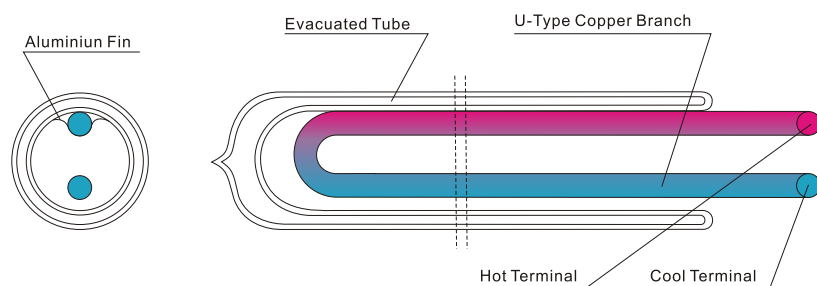
Specification ZYTECH TV 47 - 15 mounted on the test facility of Institut für Thermodynamik und Wärmetechnik (ITW)

## Technical data

<b>Type</b>	<b>ZYT TV 47 - 15</b>
Diameter	47 mm
Length	1500 mm
Number of tubes	15
Absorber area	1.45 m <sup>2</sup>
Weight of the empty collector	38.3 kg
Tube coating	AL - N/AL
Tube material	Borosilicate glass
U heat pipe	Cu - ETP
Insulation	Polyurethane
Connections (inlet / outlet)	G 1"
Bracket	Aluminium alloy
Work pressure	≤ 0.6 Mpa
Recommended circulation flow	Glycol / water / anti - freezing fluid
Certificate	Solar Keymark
Expected Lifetime	15 - 20 years



## How U - Pipes Work



**ZYTECH SOLAR**

[www.zytechsolar.com](http://www.zytechsolar.com)

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