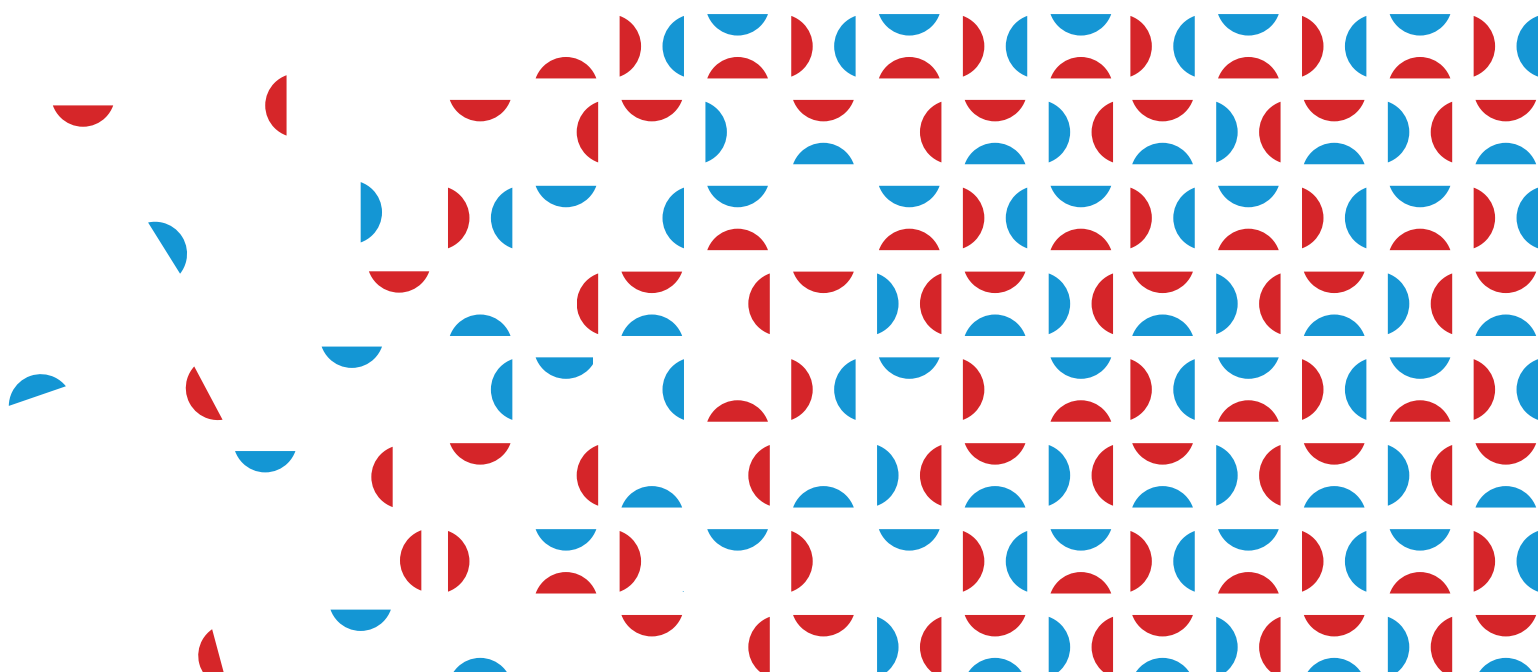


SOLAR THERMAL SYSTEMS

RT 2.5



High Yield Flat Plate Solar Collectors with Aluminium Tank - RT 2.5

High-yield solar collector art. RT 2.5m²
with aluminium frame

The new solar collector has an anti-corrosive, high-quality aluminium profile structure (Al Mg). The product features a sealing system with an integrated perimeter seal made of vulcanised EPDM, which is resistant to temperature fluctuations and UV radiation. More specifically, the new solar collector features anti-reflex solar safety glass with high transparency and low iron content. It also features high-quality, formaldehyde- and adhesive-free mineral wool top insulation, as well as a highly selective vacuum-coated aluminium surface absorber and ogive fittings. The collector is suitable for above-roof installation, integration into the roof or placement on a structure. Proven performance and quality.



Features

- ✓ Unique aesthetics, intelligent design
- ✓ Unbeatable value for money
- ✓ Maximum manufacturing precision: construction on robotised production lines
- ✓ Intelligent fastening concept: reduced assembly time
- ✓ Extensive installation possibilities: up to 6 collectors in a row, over tile, flat roofs.

RT 2.5 Vertical		
Gross surface	code	price
2.51 m ²	321120067X	1.108,00 €

Available models	
Article	External dimensions
RT 2.5	2150 x 1170 x 83 mm

Panels Fittings Set RT 2.0/RT 2.5		
	code	price
base	343070274X	196,00 €
junction	343070275X	54,00 €
extension	343070277X	89,00 €
horizontal joint	343070276X	146,00 €



PRICES

Connection possibilities

Parallel connection



max. 6
collectors

Series connection



as a function of
pressure drop

Mixed connection



as a function of pressure drop

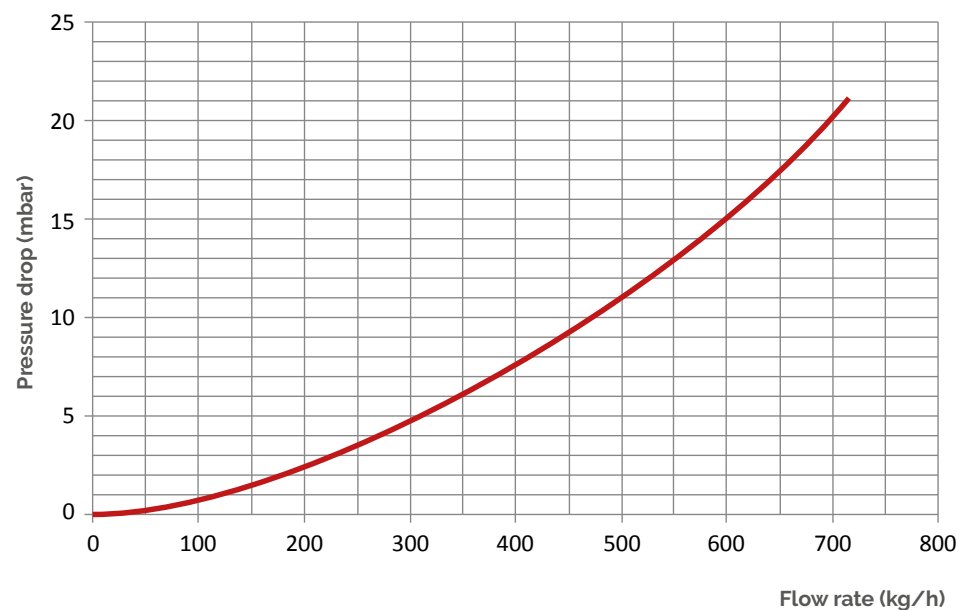


ACCESSORIES
PRICES

High Yield Flat Plate Solar Collectors with Aluminium Tank - RT 2.5

Technical Data	
Gross surface area (m ²)	2,51
Opening area (m ²)	2,31
Net surface area (m ²)	2,31
Capacity (l)	1,95
Flow	high flow/low flow
Glass thickness	3.2 mm
Glass transmission degree	91%
Thermal insulation thickness	50 mm flat
Absorber	Highly selective aluminium coating
Absorption	95%
Issue	5%
Connections	4 x 22 mm
Operating pressure	10 bar
Test pressure	15 bar
Maximum temperature	192°C
Weight	35 kg
Certification	EN 12975 + Keymark
Warranty	10 years (excluding glass)

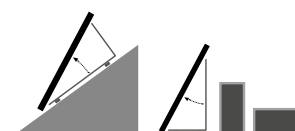
Efficiency coefficient	Opening	Absorber
η_0	0,807	0,807
η_{a1}	4,04	4,04
η_{a2}	0,012	0,012



Assembly



OVER ROOF
vertical/horizontal
fastening kits, frames and
accessories



ON SUPPORT
vertical/horizontal
supporting structure

Wenkel S.r.l

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