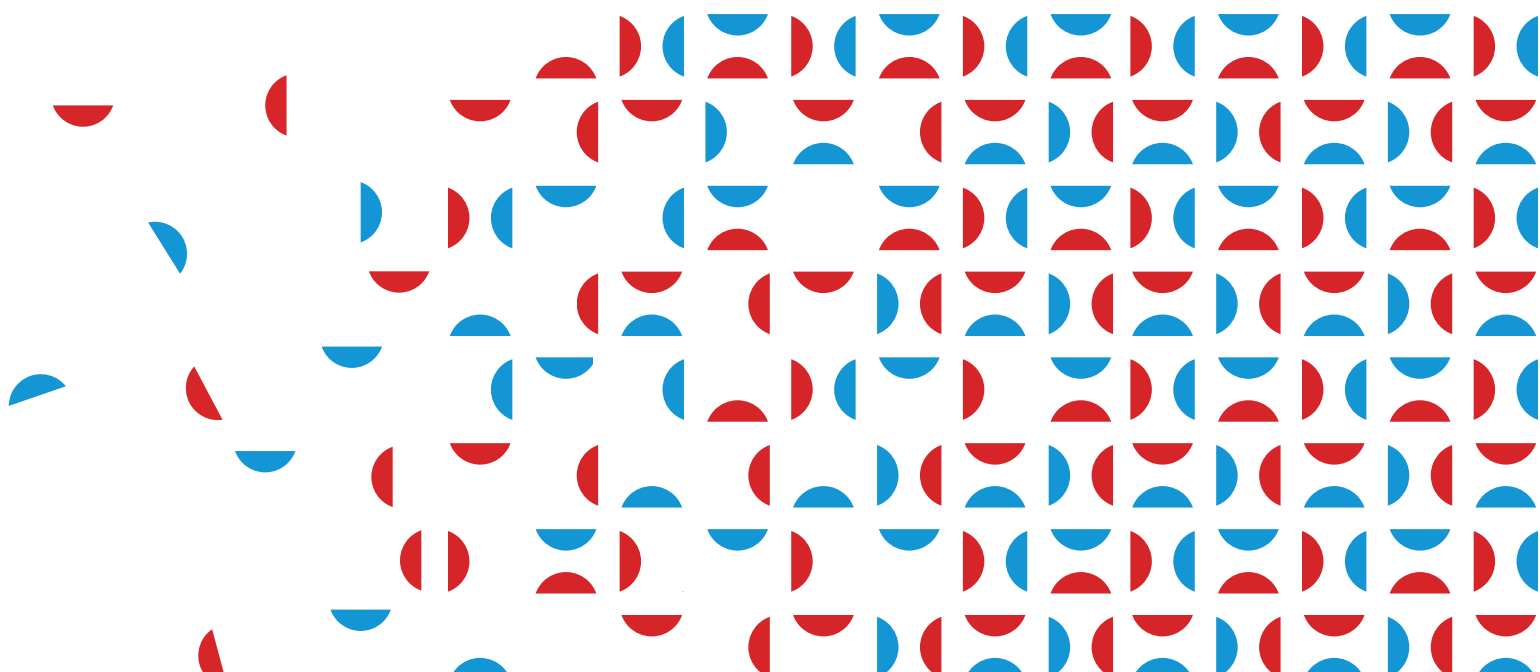


# SOLAR THERMAL SYSTEMS

RT 2.0



# High Yield Flat Plate Solar Collectors with Aluminium Tank - RT 2.0

High-yield solar collector art. RT 2.0 2.0m<sup>2</sup> 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. Tested performance and quality.


**TESTED**

## 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 2.0 Vertical		
Gross surface	code	price
2 m <sup>2</sup>	321120058X	962,00 €

Available models	
Article	External dimensions
RT 2.0	1730 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**

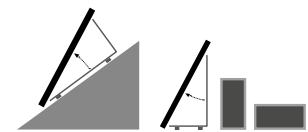
# High Yield Flat Plate Solar Collectors with Aluminium Tank - RT 2.0

Technical Data	
Gross surface area (m <sup>2</sup> )	2,02
Opening area (m <sup>2</sup> )	1,84
Net surface area (m <sup>2</sup> )	1,84
Capacity (l)	1,56
Flow	high flow/low flow
Glass thickness	3.2 mm
Glass transmission degree	91%
Thermal insulation thickness	40 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)

## Assembly

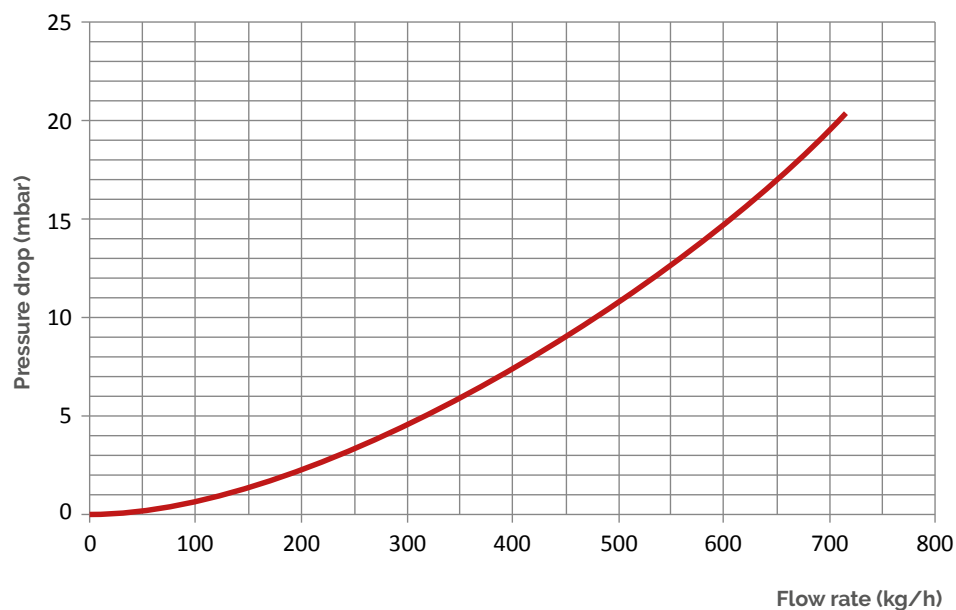


OVER ROOF  
vertical/horizontal  
fastening kits, frames and  
accessories



ON SUPPORT  
vertical/horizontal  
supporting structure

Efficiency coefficient	Opening	Absorber
o	0,814	0,814
a1	4,061	4,061
a2	0,013	0,013



## **Wenkel S.r.l**

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