

H2000 - High efficiency flat plate solar panels with stainless steel tank

H2000 high performance solar collector – 2 m² with an aluminium frame for vertical and horizontal installation

The new solar collector is made of profiles in high quality anticorrosive aluminium (Al Mg). Closing system with integrated perimeter gasket in vulcanized EPDM, resistant to temperature swings and UV rays. Solar glass with antireflex safety, high transparency and a low iron content. Insulation in qualitative mineral wool without formaldehyde and adhesives. Absorber covered in highly selective vacuum aluminium. Connections. The collector can be installed on a roof, integrated or placed on a structure. Performance and quality tested.



Features

Unique and intelligent design

Unbeatable price/quality ratio

Precise manufacturing: construction on a motorized product line

Intelligent fixing system: reduced installation time

Several installation possibilities: up to 6 connected collectors, on tile, flat roofs...

Connection options

Parallel connection



Max 6 collectors

Series connection



Based on pressure drop

Combined connection



Based on pressure drop

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Available models	
Article	External dimensions
H2000	1730 x 1170 x 83 mm

Technical information	
Gross surface (m ²)	2,02
Exposed surface (m ²)	1,84
Net surface (m ²)	1,84
Capacity (l)	1,56
Flow	high flow/low flow
Glass thickness	3,2 mm
Glass transmission coefficient	91%
Thickness of insulation	40 mm flat
Absorber	covered in highly selective vacuum aluminium
Absorption	95%
Emission	5%
Connections	4 x 22 mm
Operating pressure	10 bar
Testing pressure	15 bar
Max temperature	192°C
Weight	35 kg
Certificates	EN 12975 + Keymark
Warranty	10 years (glass not included)

Efficiency coefficient	Opening	Absorber
η_0	0,814	0,814
a_1	4,061	4,061
a_2	0,013	0,013

H2000 Vertical		
Gross surface	code	price
2 m ²	821120058X	

Set for coupling collectors H2000/H2500		
	code	price
base *	843070274X	
joint **	843070275X	
expansion ***	843070277X	

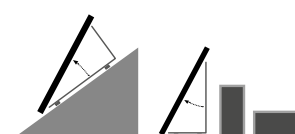
Assembly



On the roof
Horizontal, vertical
Fixing kit, frames and accessories



Integrated
Horizontal, vertical
Set with connecting plates and accessories



Supported
Frame for horizontal or vertical structure