

**Thermal Solar Systems  
H2000**



**infini**

# H2000 - High efficiency flat plate solar panels with aluminium tank

H2000 high performance solar collector – 2 m<sup>2</sup> 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...

H2000 Vertical		
Gross surface	code	price
2 m <sup>2</sup>	821120058X	

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

Set for coupling collectors H2000/H2500		
	code	price
base	843070274X	
joint	843070275X	
expansion	843070277X	
horizontal joint	843070276X	

## Connection options

Parallel connection



Max 6 collectors

Series connection



Based on pressure drop

Combined connection

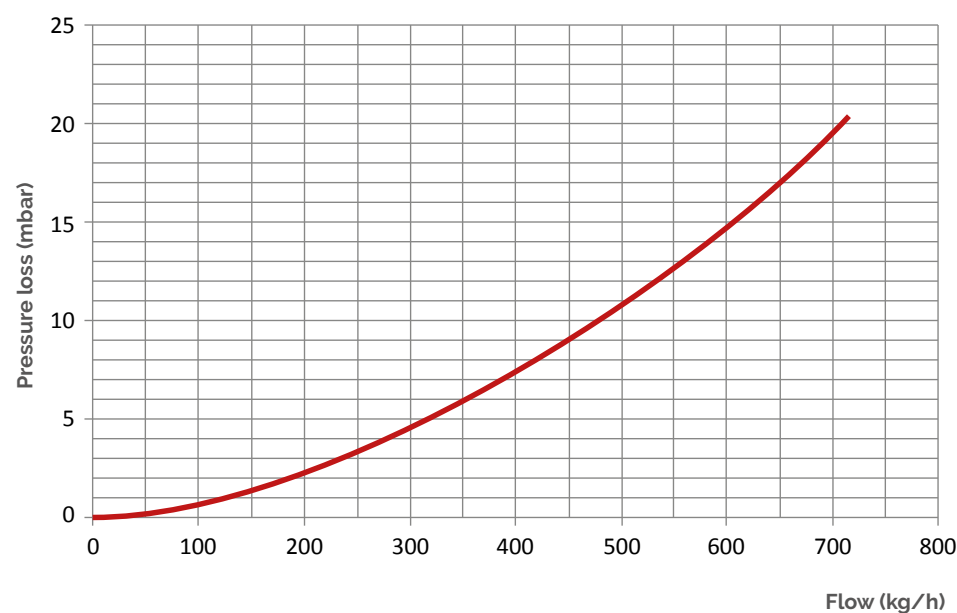


Based on pressure drop

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Technical information	
Gross surface (m <sup>2</sup> )	2,02
Exposed surface (m <sup>2</sup> )	1,84
Net surface (m <sup>2</sup> )	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 piano
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
$\eta_0$	0,814	0,814
$a_1$	4,061	4,061
$a_2$	0,013	0,013



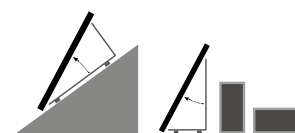
## Assembly



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



Integrated  
Horizontal, vertical  
Set with connecting plates and accessories

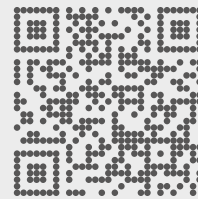


Supported  
Frame for horizontal or vertical structure



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