



SMARTsol series collector

for extreme weather conditions



SMARTsol
series
collector

Manufactured with high performance excellence. A collectors series, designed to meet the cold continental climate and the conditions of reduced solar radiation, is able to meet its energy needs in the most extreme weather conditions.



SOLAR THERMAL INDUSTRY

IKONOMOU Z. KOSTAS HEATING - AIR CONDITIONING - SOLAR THERMAL MANUFACTURER

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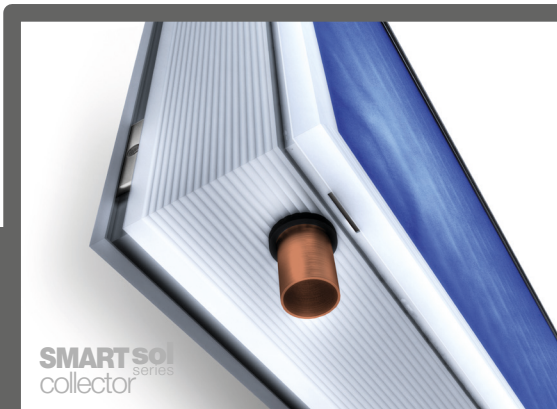
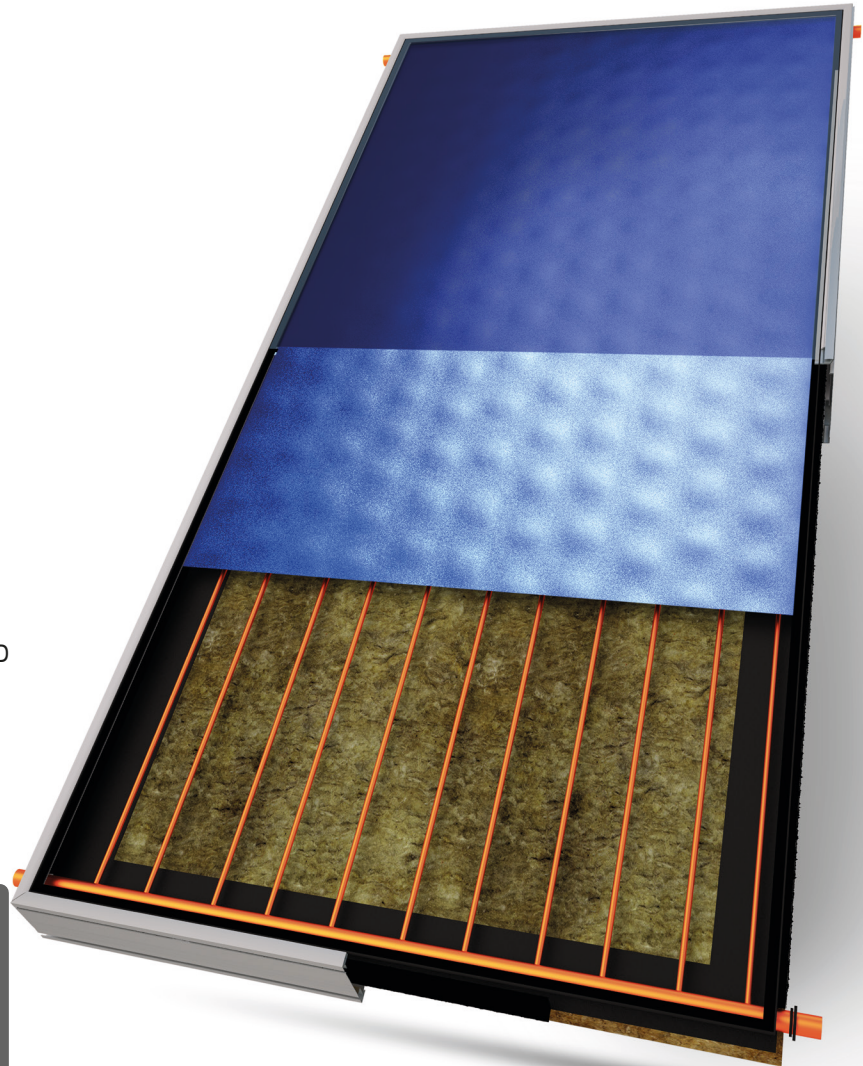
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SMART SOL series collector

SMART SOL

- Absorptive aluminum surface with blue selective PVD coating technology.
- Ø8mm Risers.



- 8 available sizes range from 1.5 m² to 2.9 m².
- Global installation system with internal movable parts
- Lightweight for easy transport and installation.
- One-piece anodized profile, non-corrosion technology for ultimate seal against moisture and air micro-particles.
- Safety glass with high permeability.
- Back and Side rock-wool insulation .
- HARP type absorber (headers and risers) welded with **Laser** technology
- x4 stainless hidden vents.
- Vertically or horizontally mounting possibility
- x2 or x4 outlets Cu D22.

Technical Data		SMART SOL			
Type	SI	S 20	S 23	S 25	S 29
Overall Area	m ²	2.02	2.25	2.52	2.92
Absorber Area	m ²	1.83	2.03	2.33	2.71
Length	mm	2006	1893	2006	2006
Width		1007	1183	1257	1457
Height		103	103	103	103
Weight (Dry)	Kg	31	37	44	50
Absorber Volume Capacity	Ltr.	1.6	1.8	1.9	2.1

Max Operating Pressure: 10 bar