

On Roof Mounted Solar Collector

SSK 2.1 SSKH 2.1

Black Anodised

(Horizontal Version)



Features of SSK 2.1 Roof Mounted Solar Collector

- High quality product manufactured in Austria
- Simple installation to both new build & existing housing
- Elegant design
- Easily portable and modular in design
- Portrait or landscape collectors available
- Excellent price/performance ratio
- Solar Keymark approved product / 25 year solar collector warranty / 35 years life expectancy*

Mounting Options

- Roof hooks under tile
- Self seal hanger bolts through roof structure
- Flat roof A Frame
- On a building facade or as part of a large system



SSK 2.1
Solar Keymark
No. 011-7S979F

SSKH 2.1 (Horizontal)
Solar Keymark
No. 011-7S1099F

* Terms and conditions apply - must be installed, commissioned and maintained as per manufacturers instructions by an approved Solfex Energy Systems engineer.

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Technical Specifications



Gross collector area	2.08m ²
Absorber area	1.91m ²
Height	2000mm
Width	1039mm
Depth	99mm
Empty weight	38kg
Fluid content	1.15 litres
Connections	18mm/can adapt to 1/2" or 3/4"
Collector glazing	4mm, Solar safety float glass
Absorber	Laser welded aluminium absorber, Bluetec Eta Plus Vacuum coating / Copper harp
Housing	Aluminium section
Insulation	50mm mineral wool
Max operating pressure	6 Bar (pressure tested to 9 bar)
Stagnation temperature	197°C
Flow rate recommendation	Minimum 0.6 litre per min / m ²
Minimum inclination	15°
Maximum collectors piped in series	8. However, there is no limit to the amount of collectors which can be mounted together
Absorption	95%
Emission	5%
Minimum output	525 kwh/m ² /a
Conversion Factor η_0	0.783
Heat Transfer Coefficient a^1	3.95 W/m ² K
Temperature depending coefficient heat transfer a^2	0.008 W/m ² K

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