

SUNSCANTM

Solar Energy Technologies

SPECIFICATIONS – SS-FP RANGE

Collector Type	SS-FP-1.7
General Information	
Standard Dimensions	2.005mm x 865mm
Gross Area	1.71
Aperture Area	1.66
Absorber Area	1.48 m ²
Number of Covers	1
Cover Material	tempered glass
Cover Thickness	3mm
Cover Transmission	88%
Weight	27kg
Power output at 1000W/m ² (tm-ta) = 30 °C	875 W
Casing	
Frame Material	Aluminium
Frame Colour	Bronze Brown
Back Plate Material	Aluminium
Sealing Gasket	Ethylene-Propylene Diene Monomer
Absorber	
Material	Aluminium
Thickness of Absorber Plate	0.5mm
Surface Treatment	Cu and Al complex
Volume of Absorber	1.41 L
Header Material	Copper
Header Tube Size	22mm
Riser Material	Copper
Riser Tube Size	12mm
Operature Pressure	1000kPa
Test Pressure	1500 kPa
Stagnation temperature	153 °C
Thermal Insulation	
Insulation Material	Glass Wool
Back Insulation Thickness	35mm
Side Insulation Thickness	25mm

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