

Technical Data – ITS Solar Flat Plate solar collectors

Model	ITS-FPC20	ITS-FPC15
Dimensions	2000 x 1000 x 88mm	1500 x 1000 x 88mm
Gross Area (m2)	2.12	1.5
Aperture Area (m2)	2	1.4
Cover material	Tempered glass	Tempered glass
Cover thickness	4mm	
Weight	39kg	29kg
Guarantee	5 years	
Absorber		
Material	Copper- Aluminum compound	
Surface treatment	Anodic Oxidation	
Header material	Copper TP2	
Header tube size	22mm dia, 0.7mm wall	
Riser material	Copper TP2	
Riser tube size	10mm dia, 0.5mm wall	
Number of risers	8 pcs	7 pcs
Maximum pressure	600kPA	
Thermal insulation		
Density	24kg per cubic meter	
Insulation material	Fiber glass	
Insulation thickness	Back: 50mm, Side: 20mm	
Casing		
Frame	6063 Aluminum alloy	
Frame color	Deep champagne	
Frame thickness	1-2mm	
Back plate	0.5mm Galvanized steel plate	
Max operating temperature	< 200 deg C	
Sealing gasket	EPDM	
Product Picture		

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