

ITS Solar Econo flat plate solar collector

Econo
Range



Econo Range - Technical Data



MODEL	ITS FPC-2.0	ITS FPC-2.5
Dimensions (h) x (w) x (d)	2000 x 1000 x 80mm	2000 x 1250 x 80mm
Gross Area (m ²)	2.0	2.5
Aperture Area (m ²)	1.85	2.34
Cover material	Low iron textured tempered glass	
Cover thickness	3.25mm	
Weight	30kg	35.1kg
Guarantee	5 years	
FEATURES		
Sensor pocket	Built in temperature sensor pocket	
Panel orientation	Vertical	
ABSORBER		
Material	Aluminium sheet (0.4mm)	
Surface treatment	Black chrome	
Header material	Copper	
Header tube size	22mm x 0.5mm	
Riser material	Copper	
Riser tube size	8mm x 0.4mm (8 risers)	8mm x 0.4mm (10 risers)
maximum pressure	600 kPa	
THERMAL INSULATION		
Insulation material	Polyester cotton	
Insulation thickness	35mm	
CASING		
Frame	6063 Aluminium Alloy	
Frame colour	Black	
Frame thickness	2mm	
Back plate	Chromadek	
Stagnation temperature	160 °C	
Sealing gasket	EPDM	
Energy Rating		
Total and Useful Energy Rating	4.25 kWh/sqm/day	

Key Features:

- Class leading efficiency
- Vertical and horizontal instillation possible
- Beautiful black finished outer frame with a frosted glass panel
- Sleek low-profile design
- Superior corrosion resistance
- Easy installation
- 5 year warranty
- Built in sensor pocket for accurate temperature sensing by a differential controller
- EPDM rubber gasket seal and breather holes to prevent moisture condensation on inside of glass

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