

ITS Solar Premium flat plate solar collector



**Premium
Range**

Premium Range - Technical Data

MODEL	ITS FPC-2.0 Premium		ITS FPC-2.5 Premium	
Dimensions (h) x (w) x (d)	2000 x 1000 x 80mm		2000 x 1250 x 80mm	
Gross Area (m²)	2.0		2.5	
Aperture Area (m²)	1.85		2.34	
Cover material	Low iron textured tempered glass			
Cover thickness	3.25mm			
Weight	32kg		38.1kg	
Guarantee	10 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 0.75mm			
Riser material	Copper			
Riser tube size	10mm x 0.5mm (8 risers)		10mm x 0.5mm (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
- 10 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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