

Solior FL 150

Collector Area	1.85 m ²
External Dimensions (Length x Width x Height)	1970 x 1441 x 1220 mm
Mass, Empty	60 Kg
Mass, Full	210 Kg
Water Content of the Storage Tank	150 litres
Maximum Water Pressure	8 bar
Maximum Temperature, Filled with Water	85°C
Maximum Temperature, Empty	200°C
Connection, Cold Water	¾" socket
Connection, Hot Water	½" socket
Storage Tank	Stainless steel
Dome	PMMA
Base	HDPE
Frame & Support	Galvanised steel
Solar Absorption	94%
Infrared Emission	5%
Average Annual Heat Loss Factor (Collector Area)	2 W/m ² K
Optical Efficiency	72%
Pressure on the Roof (Including Maximum Snow Load)	0.04 N/m ²
Weight on the Roof (Including Maximum Snow Load)	400 Kg
Maximum Snow Load (Sk)	1000 N/m ²
Maximum Wind Speed (Vm)	33 m/s
Maximum Electric Power	15 W
Average Annual Electricity consumption	<1 KWh
Lowest Acceptable Ambient Temperature	-30°C