

solior Solar Water Heater

**Compact, Innovative
& Durable**

20 years Guaranteed life time



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Phoenix Energy is the exclusive agent for Solior FL150 T solar water heater in the Middle East and Egypt.

Solior FL 150 T system is a compact and durable solar water heating system designed and manufactured by ITHO in the Netherlands.

The innovative solar thermal water heater, Solior FL150 T, is easily installed and integrates the solar collector and storage tank in one system on the roof. Hence, it occupies less space and shading area on the roof than other solar water heaters available in the market. The Solior FL150 T is specially designed to maintain 8bar pressure which allows it to be easily connected to a pressure pump. The system does not require an external tank or a large frame to lift.

More efficient than conventional solar hot water systems, Solior FL150 T water heating systems utilize mirrors to focus sunlight onto the collector wrapped with a 94% solar absorption layer. They optimize water heating output and energy bills even further.

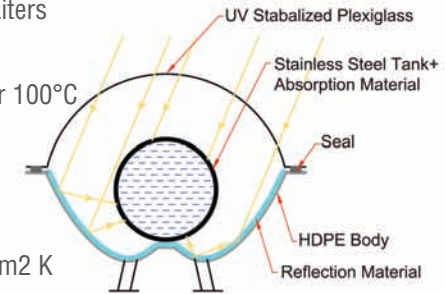
Solior heating system comes with support structure for easy installation on flat or slanted/tilted roofs and only has to be connected to hot and cold water supply.

The system needs virtually no maintenance beyond a quick functional check-up once a year.



The Solior System & its Components

- Collector Area 1.85 m²
- External Dimensions (Length x Width x Height): 1970 x 1441 x 1220 mm
- Mass, Empty 60 kg
- Water Content of the Storage Tank 150 Liters
- Maximum Water Pressure 8 bar
- Maximum Temperature, Filled with Water 100°C
- Storage Tank Stainless steel -444-
- Solar Absorption 94%
- Optical Efficiency 75%
- Average Annual Heat Loss Factor 2,5 W/m² K



Advantages & Benefits of the system

- 20 years Guaranteed life time
- Maintenance-free
- High efficiency
- Competitive price
- Compact: $\approx 2.5\text{m}^2$ footprint
- Easy installation
- Operational all year round
- Attractive look
- Contemporary design
- Suitable for installation on any flat or tiled roof
- Hot water storage tank & solar collector are combined in a single system

