SOLARENA
ENGINEERING

Calpak Solar Water Heater



SAVE YOUR ENERGY

CALPAK
SOLAR WATER HEATERS

Overview

CALPAK Solar Water Heater is a dependable Thermosiphon System that heats and circulates water naturally using solar energy.
Hot water rises into the storage tank, while cooler water flows back to the solar collectors for continuous heating.
Designed without pumps or complex controllers, the system delivers efficient performance, simple operation, and long-term reliability.

Features:

- **Robotic Vertically Integrated Fully Automatic Production.**
- **Strict testing of 100% of the units.**
- **Durable Storage tank for Humidity, UV & coastal areas resistance.**
- **Highest quality Glass Enameling backed at 850°C according to RoHs and complying to DIN 4753.3 specifications.**
- **The Enameled Tank is with more than 10% Titanium content to avoid cracks which can result in the deterioration of the tanks.**
- **High Pressure resistant tank (2.5mm thick) with high density Polyurethane insulation for maximum performance.**
- **Double wall marine grade anodized Aluminum Profile**
- **Frame for increased durability and enhanced insulation.**
- **High Density Rockwool insulation to ensure the minimum heat loss possible out of the Collector.**
- **Solar Tempered Glass with specialized crystals to minimize the reflection of the direct sun.**





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Applications

- Villas and Residential Buildings.
- Schools and Universities.
- Hotels and Resorts.
- Residential Compounds.
- Sporting Clubs.
- Hospitals and Clinics.
- Factories and Industrial Buildings.
- Food and Beverages Retail areas.
- Stadiums and Sports Venues
- Malls and Retail Outlets.





Specifications:

- Passive system with closed Loop design (Propylene Glycol HTF).
- 160, 200 and 300-Liter capacity.
- Single & Double collector systems, collectors available in different sizes.
- Keymark & SRCC Certified and ROHS & DIN Tested.
- 81% Solar Efficiency.
- 3.5 Kw Backup Heating Element.
- Warranty: 10 Years for the Collectors, 5 Years for the Tank and One Year for the parts.



10 YEAR WARRANTY

RoHS

SOLAR SRCC CERTIFICATION

Compliant, Tested and Certified

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Contact Us

Solarena Engineering LLC

16th Al Khartoum St., Korba
Postal Code 11757
Heliopolis, Cairo – Egypt

Tel: +2 010 330 360 34

E-mail: info@solarena-engineering.com
www.solarena-engineering.com