

Euro Star

The Star of the world



EUROSTAR has been designed respecting the environment and incorporating all the technical characteristics, which make this product super-efficient, super-reliable, easy to install, and very long lasting.

Looking at an installed EUROSTAR you will not see any pipes connecting the boiler to the collector because they are directly connected in the Furthermore you will not see hot and cold water pipes connecting to the boiler because they are at the back of the system. In large installations many units are placed in rows achieving architectural harmony.

The height of the EUROSTAR has been fixed at the lowest possible and it is easily measured on tiled roofs without having to break or drill through securing water gutters.

Each and every technical characteristic of the EUROSTAR is superior to any other product in the international market.

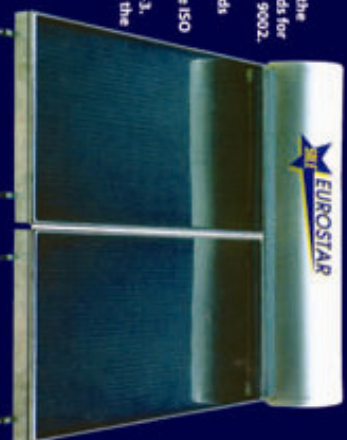
1. The EUROSTAR's tank has an external coating of mild steel with silver plastic high temperature oven treatment for absolute protection from rain, sun and sea air. Maximum durability and a (shining) smart appearance are the results.

2. FIBREGLASS-FREE polyurethane insulation is cast under pressure in the tank surrounding the cylinder and will maintain hot water up to 48 hours. EUROSTAR is the only ECO-FRIENDLY thermoplastic solar water heater completely made up of material that can be recycled. SOLER's respect for the environment starts from the production stage.

3. The oldest patent double jacket is powerful mild steel 1.5mm and the large area of heat exchanging makes the EUROSTAR the quickest water heater of any other solar system. At the same time this protects the product from rust, scale and freezing. So whether the EUROSTAR is working in very hot climates or extremely cold areas with temperatures quite below zero or even with poor water quality containing a lot of minerals (iron, calcium, etc.), it will be just as efficient and reliable.



This is EUROSTAR. Manufactured under the International standards for quality assurance ISO 9002. Tested under the International standards ISO/DIP 9459-2 and collector performance ISO 9806-1 and collector reliability ISO 9806-2-3. The product awarded the CE MARK.



4. Very cloudy days are no problem for the EUROSTAR. You still have plenty of hot water thanks to the back-up electric heater.

5. The thermostat with built-in safety features has the sensor immersed in the water and regulates with absolute precision the desired temperature of the hot water.

6. The EUROSTAR's collector casing is made of specially designed extruded aluminum profile, without any external connections, screws, nuts or rivets. It has a special slot for the rubber sealing support system will resist any weather conditions.

7. The 30 mm polyurethane cast under pressure insulation on the back and sides of the collector will maintain excellent temperatures and along with the other technical characteristics the EUROSTAR achieves by far the highest efficiency of any other system on the market.

8. The absorber consists of Copper tubes and Aluminum fins (copper fins upon request) clipped on the vertical pipes with a specially designed (aluminum clip with a pressure of 50 tons. For improved efficiency it is clipped on both ends achieving the maximum heat exchange area.

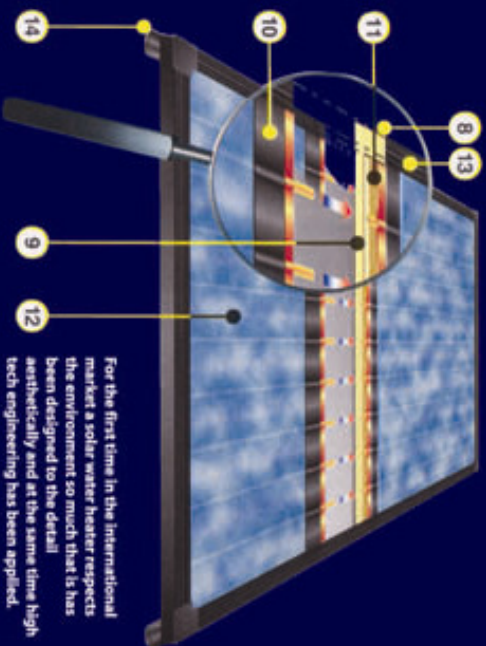
9. The primary heliothermic liquid developed by SOLER is in contact with both sides of the absorbing fins and achieves maximum transfer of heat to the water in the boiler and at the same time protects the collector from scale, rust, freezing and overheating. The EUROSTAR's heliothermic liquid will last for lifetime without needing to be replaced.

10. The collector's glazing is firm low iron solar tempered glass so it ensures maximum penetration of the sun's rays and since it is oven treated in 1200 °C it has maximum endurance against fairly hardening.

11. Two special EPDM rubber profiles fix the glass in place and ensure 100% water and vapor sealing. The outer Rubber profile equals the aluminum profile on the top and sides of the collector protecting it from damage during transportation, loading or installation. This is just another detail proving how carefully designed the EUROSTAR is.

12. A special slot on the back of the aluminum profile allows easy installation on a tiled roof: the EUROSTAR special accessories eliminate the necessity to break or drill holes on the roof. The optional set of supports for flat roofs makes installation just as simple. This aesthetic feature once more proves the superiority of the EUROSTAR's design. There are no visible unattractive connections on the sides or the bottom of the collector.

13. The specially designed support frame allows the user to choose the angle of inclination on a flat roof installation.



For the first time in the international market a solar water heater respects the environment so much that it has been designed to the detail aesthetically and at the same time high tech engineering has been applied.

The Star of the world



The reliable name



SOLE S.A. is the first manufacturer of solar systems in Europe's number 1 solar system country-Greece. SOLE has been the pioneer in solar technology since 1974 and is fully aware of the responsibility that comes with the historic role this company has played.

SOLE S.A. - A history of success

SOLE produces the first solar water heater "HELIOHERMOS" in Greece in 1974. The following year SOLE produces the first closed circuit thermophilon solar water heater and also the first central installation for a Greek hotel. 1974 "HELIOS 1" the first Greek solar home was completed giving an average yearly energy saving of 90%. SOLE enters 1981 with the new developments. Also Greece is now used by SOLE and thus puts an end to corrosion and guarantees additional insulation. In 1986 SOLE creates the LECTRON P.V.-1 an electronic remote thermometer that shows the water temperature of the solar system inside the house.

This system is unique throughout the world. After years of extensive research and development in 1992 SOLE perfects and produces the ALPHA integrated solar water heater. The ALPHA combines the collector and storage tank in one body. It is simple to install, requires no maintenance and guarantees a lifetime of high performance. The ALPHA solar water heater is in such demand that you can find it in many countries throughout the world. By 1994 SOLE perfects the selective collector, which is equally successful in the cold regions of central Europe. 1996 is the year SOLE designed and produced the perfect thermophilon solar water heater unlike any other "similar"

product on the international market. There is no comparison to EUROSTAR's technological advance and aesthetic perfection. The EUROSTAR is especially designed for easy installation on tiled roofs. There are no breaking or drilling holes on tiled roofs. The EUROSTAR's appearance makes it the ideal choice. A special support (optional) makes installation of the EUROSTAR on flat (horizontal) roofs just as easy.

Tested under the international standards ISO / DP 9459-2

Collector reliability certificate ISO - 9806-2-3

Collector performance certificate ISO - 9806 - 1



EUROSTAR 200iHr
On flat (horizontal) roof

Big projects choose SOLE

Olympic Stadium of Athens
Athens, Greece



Housing scheme
Volos, Greece



"Achala Club" Winery
Patras, Greece



Public des Sports
Athens, Greece



"Sironio" Industry
Ioannina, Greece



EUROSTAR TECHNICAL DATA

Type	200	350
Capacity (including closed circuit) liters	191	297
Dimension of tank L x D mm	1200 x 540	2090 x 540
No & Area of collectors	1 x 2,5 m ²	2 x 2,2 m ²
Overall size of system installed mm	1200 x 2600	2250 x 2600
Weight Total Empty kg	155	251
- Full kg	246	348

Midland



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A Reflection of...

Today's world on Tomorrow's energy



A Star Is born

AWARDED QUALITY ASSURANCE CERTIFICATE ISO-9002

