



ENERGY
THAT
GIVES
LIFE

SOLAR THERMAL SYSTEMS

product catalogue

2012

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Behind OURASET's success story lies a dedicated team of engineers, a team that played a significant role in the introduction of solar thermal systems in Turkey throughout the last three decades.

Recognized for its technical excellence and superior innovation capabilities, OURASET is currently the partner of two major international R&D consortiums for the development and industrial application of a breakthrough solar system for cooling.

OURASET production facilities consist of solar collector and enamel storage tank production lines. The company stands out as an integrated manufacturer supplying its numerous business partners with OEM or OURASET branded solar water heaters.

By year 2009, 90 % of the company's revenue was generated by products exported to over 30 countries. As of 2011, with a subsidiary in Spain and representation offices in Italy, Morocco and Lebanon, OURASET is running towards becoming a truly international company.

the company

a corporation of high aspirations



technology

Ouraset follows the most state-of-the-art technology in the production of solar water heaters. Ultrasonic and laser welding of solar absorbers and fully automated tank welding lines are only a few examples.



training

Continuous improvement of production and quality assurance techniques are sustained by constant training at OURASET production facilities. Welders and operators follow strict training programs to improve their welding performance as well as for the establishment of a common superior quality perspective.



r&d

OURASET has proven its pioneering role as an innovative solar company. Ouraset engineers are constantly developing new solar tanks and collectors responding to the requirements of various climatic zones and consumption patterns.



quality control

boilers

- 1 Each tank is given a serial number at the initial stage of production to ensure that every material that goes into its production can be traced back to its origin.
- 2 Each tank is hydrostatically tested at 9 bar pressure. Welders mark their initials on each welding line. This makes possible that regular reports reveal welder performance.
- 3 Tanks soak into 8 different treatment pools before they are baked at around 900° C to ensure the perfect enatech coating.
- 4 The inner enamel lining is then inspected individually and a QC mark is assigned separately for the coating.
- 5 Final QC is carried out to identify products' compliance to customer specifications.



collectors



Once the quality approval mark is stamped on the product, the final QC notes of each product with a given serial number is recorded on a database.



Absorbers are hydrostatically tested at 9 bar. Each absorber bears the initials of its welder to ensure tracability.



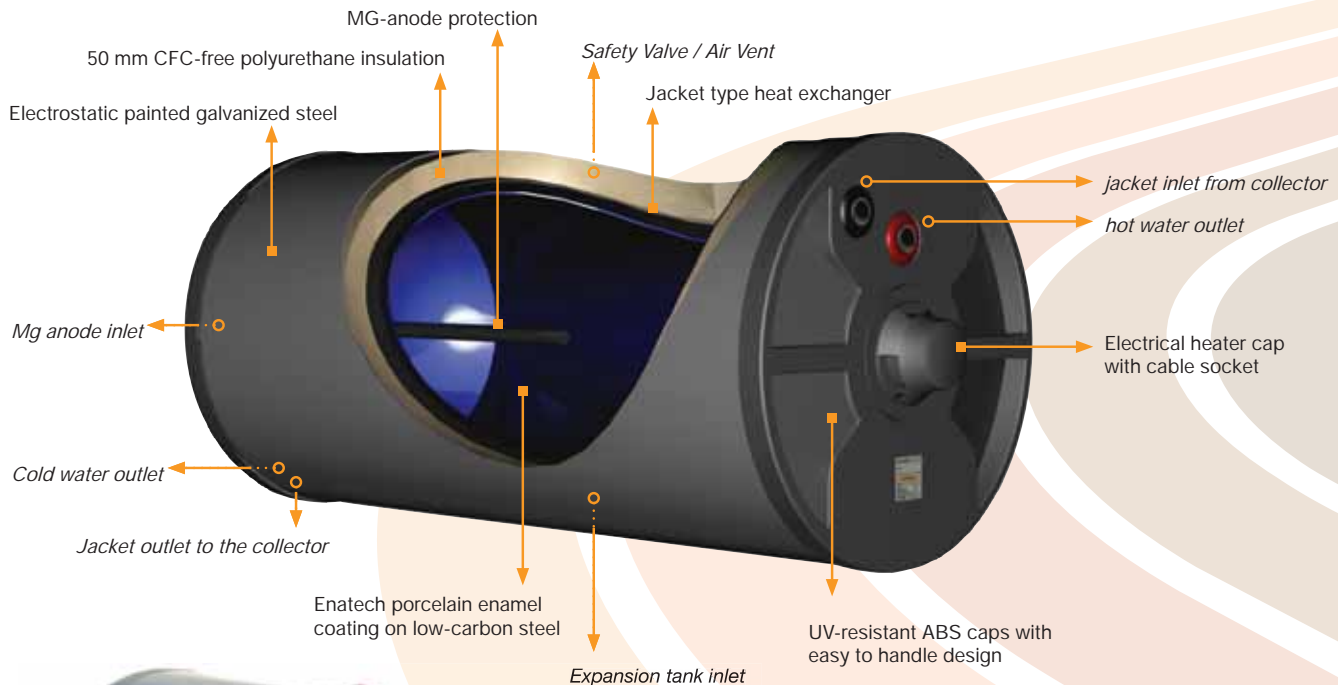
customer satisfaction we HAVE the HAPPIEST customers

✓ Our objective is to respond every customer request within

48
HOURS!

✓ Customer Satisfaction and the results of the Final QC Reports are displayed monthly at our premises to motivate our team to reach

%100
satisfaction and quality rates.



HIGHLIGHTS

- Manufactured in full conformance to EN12897:2006 standards.
- Enatech porcelain enamel coating (DIN 4753), an improved formula for extended corrosion protection.
- Standard Electrical heater inlet for all-season heating back-up.
- Extra-durable external case, color-coated galvanized steel.
- Aesthetic design with standard Mg anode and inspection hole, now with optional plug-in CR-Ni 316 heat exchanger.
- Minimum heat loss due to dense 50 mm polyurethane insulation.

TANK MODELS	P 120	P 150	P 190	P 300
Net Capacity	120 lt	150 lt	190 lt	300 lt
Options	Open / Close Circuit	Open / Close Circuit	Open / Close Circuit	Open /Close Circuit
Diameter (ø)	500 mm	600 mm	600 mm	600 mm
Length (L)	1200 mm	1000 mm	1200 mm	1800 mm
Tank Body Material	Low carbon steel 3 mm	Low carbon steel 3 mm	Low carbon steel 3 mm	Low carbon steel 3 mm
Heat Exchanger Jacket-type	Low carbon steel 1,5 mm	Low carbon steel 1,5 mm	Low carbon steel 1,5 mm	Low carbon steel 1,5 mm

OURASET manufactures a number of different boilers for its OEM clients. The information given in this catalogue belongs to the Standard OURASET range.



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