

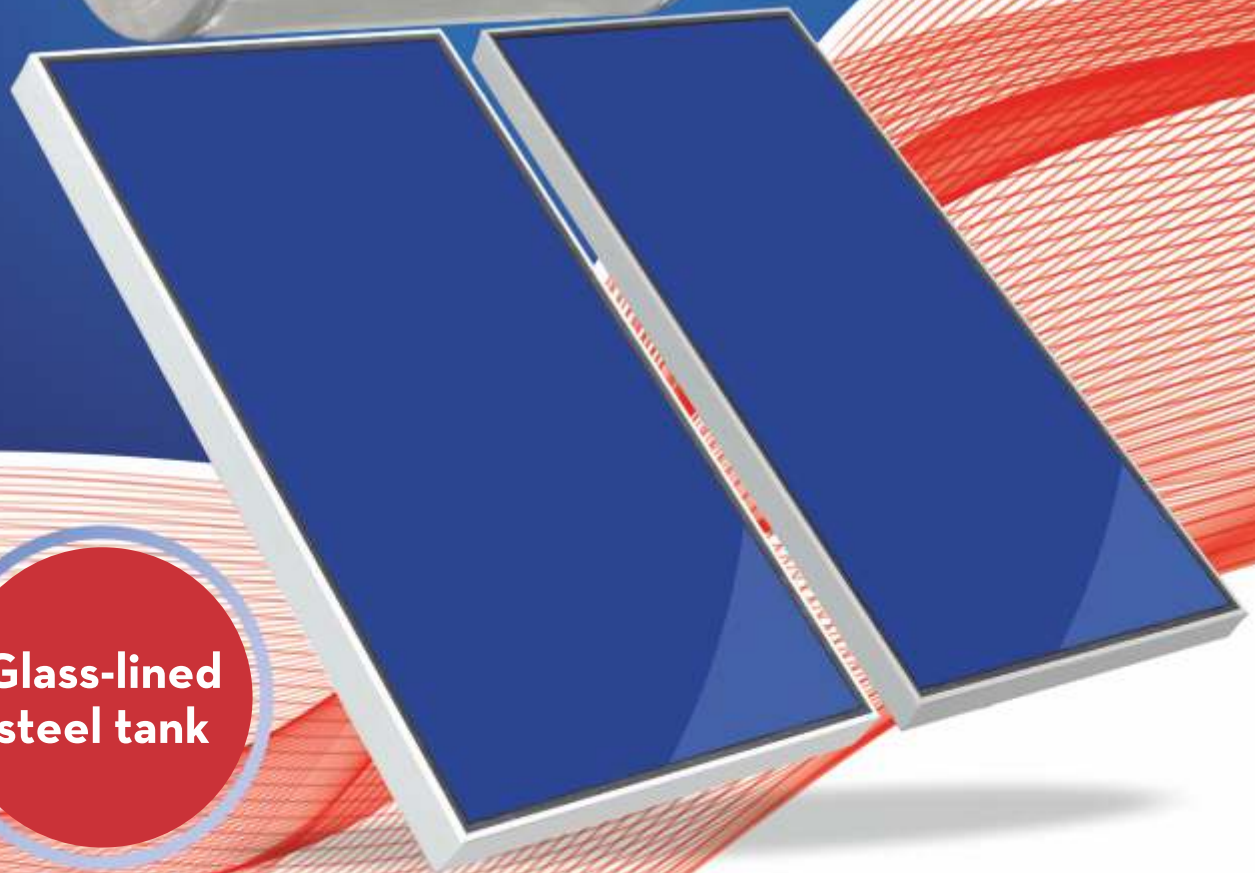
since 1977



*A Lifetime Choice!*

# ENAMELED SOLAR HEATERS

Significantly reduce  
your hot water bills



**Glass-lined  
steel tank**

OUR INTERNATIONAL CERTIFICATIONS



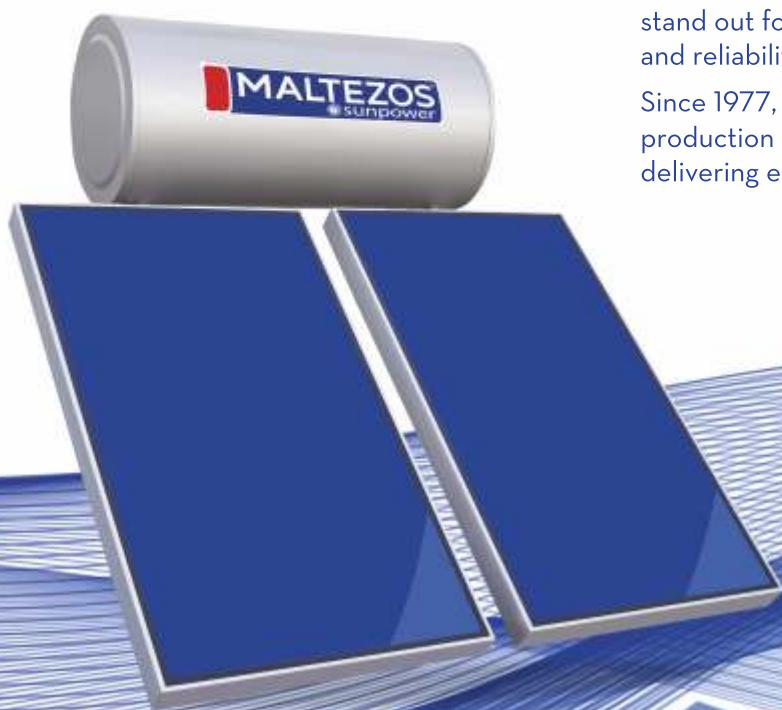
Certified quality management system  
EN ISO 9001:2008, GR-C-142/16

# Efficient & Secure INVESTMENT

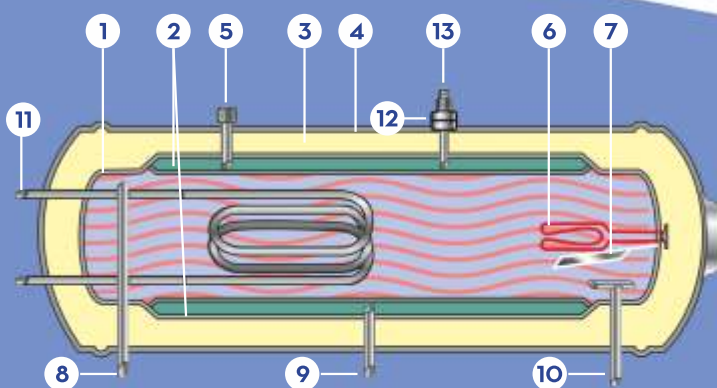
Rising energy demands, combined with the increasing environmental burden, make the utilization of Renewable Energy Sources more urgent than ever. Hot water needs are ideally met through the use of solar energy.

**MALTEZOS GLASS** and **MALTEZOS SUNPOWER** solar water heaters, both enamelled products, stand out for their quality, attractive pricing, and reliability.

Since 1977, **MALTEZOS SA** has focused on the production of solar energy utilization products, delivering efficient and sustainable solutions.



## SOLAR WATER TANKS (Boiler)



- 1 Hot water tank made of special steel DIN 1203-St 37-2, 2.5 mm, enamelled according to DIN 4753 Part 3
- 2 Durable heat exchanger constructed from special steel
- 3 Tank insulation:  
Ecological polyurethane foam with a density of  $d \geq 40 \text{ kg/m}^3$
- 4 External casing:
  - MALTEZOS GLASS: Made of 304 BA anti-magnetic stainless steel
  - MALTEZOS SUNPOWER: Made of steel with special anti-corrosion protection

- 5 Air vent tube with cap
- 6 Electric heating element with safety thermostat
- 7 Magnesium anode for corrosion protection
- 8 Hot water outlet
- 9 Closed-circuit outlet
- 10 Cold water inlet
- 11 Enamelled heat exchanger for connection to central heating (only for triple-energy tanks)
- 12 Expansion vessel
- 13 Closed-circuit safety valve

# High-quality & stylish SOLUTIONS for every home

The **variety** of types of **MALTEZOS Solar Water Heaters** and their aesthetic and discreet presence satisfy the architectural requirements of every type of home.

An excellent solution for homes with **tiled roofs**, as well as for **homes** or **hotels** that require a lower height of the solar water heater.

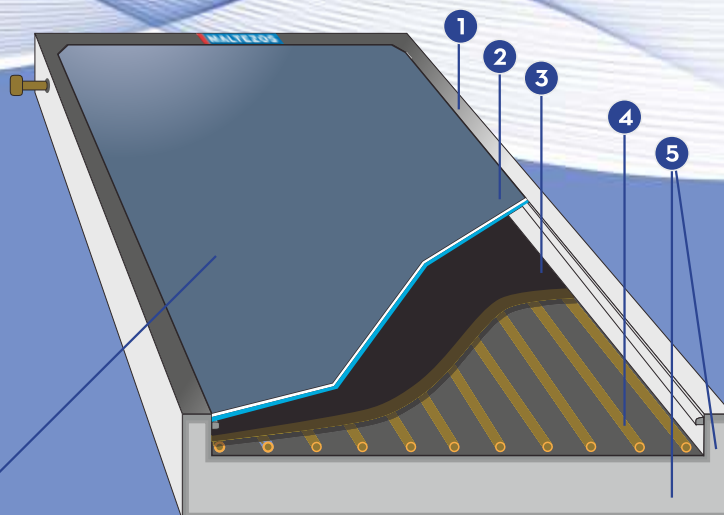
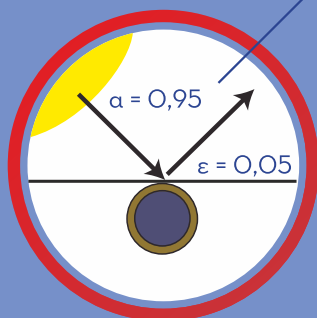
**CONVENTIONAL  
SOLAR WATER HEATER**

**SOLAR WATER HEATER  
FOR TILE ROOFS**

**LOW PROFILE  
SOLAR WATER HEATER**



## Selective THERMAL SOLAR COLLECTORS SAC



- 1 Specially designed 1.5mm anodized aluminum frame
- 2 High-transparency safety glass for enhanced solar absorption and superior durability
- 3 Selective aluminum collector surface, laser-bonded for maximum efficiency
- 4 Copper tubes for optimal heat transfer
- 5 Thermal insulation: fiberglass at the back and rock wool on the sides

	TYPE 125L / 1xSAC 100x150	TYPE 160L / 1xSAC 130x150	TYPE 200L / 2xSAC 90x150	TYPE 300L / 2xSAC 130x150
<b>TANK</b>	Diameter (cm)	53	53	58
	Length (cm)	111	135	141
	Tank's weight (kg)	54	65	76
	Working pressure	5 atm	5 atm	5 atm
	Nominal pressure	10 atm	10 atm	10 atm
<b>COLLECTOR</b>	Collector's type	Flat	Flat	Flat
	Number of Collectors / Dimensions (cm)	1 / 100x150	1 / 130x150	2 / 90x150
	Welding	Laser	Laser	Laser
	Number of tubes	9	12	8
	Back isolation	Glass wool 50mm	Glass wool 50mm	Glass wool 50mm
	Side isolation	Rock wool 20mm	Rock wool 20mm	Rock wool 20mm
	Water proofing material	Silicon glue / EPDM	Silicon glue / EPDM	Silicon glue / EPDM
	Weight of collector (kg)	26,5	34	24
	Operation pressure	1,5 bar	1,5 bar	1,5 bar
	Testing pressure	15 bar	15 bar	15 bar
<b>Stand</b>	Galvanized steel	Galvanized steel	Galvanized steel	Galvanized steel
<b>Total weight (kg)</b>	113	124	157	202
<b>System's dimensions (HxLxW)</b>	170x111x170	170x135x170	176x200x170	176x280x170

The company reserves the right to make changes without prior notice.

An investment  
built  
to last!



Glass-lined  
steel tank

**MALTEZOS**

SOLAR THERMAL SYSTEMS

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