

since 1977



*A Lifetime Choice!*

**Save Money  
Live Better**

# HIGH-EFFICIENCY D.H.W. TANKS & COLLECTORS

for Solar Thermal Systems



OUR INTERNATIONAL CERTIFICATIONS



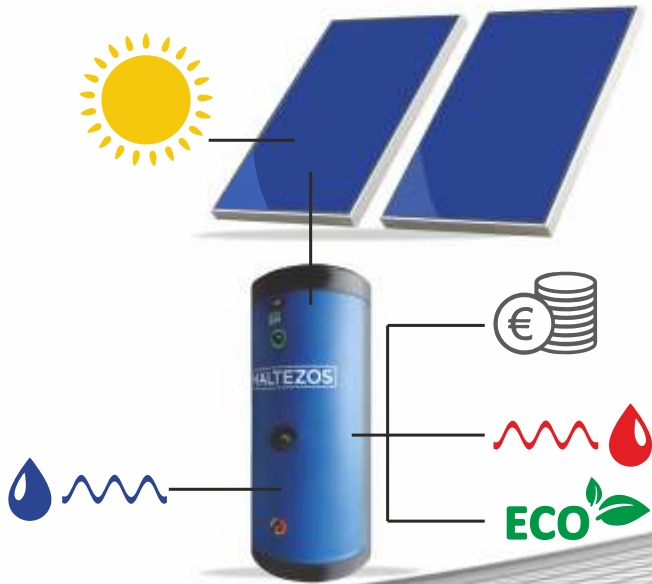
Certified quality management system  
EN ISO 9001:2008, GR-C-142/16

# Suitable for CENTRAL HEATING & Solar Thermal Systems

**MALTEZOS floor standing water tanks** provide an ideal solution for **industrial facilities** and **hotels**, meeting all your **Domestic Hot Water** needs.

When paired with **MALTEZOS solar collectors**, they achieve **maximum efficiency** in **thermal energy production**, significantly **reducing fuel consumption** and contributing to **environmental protection**.

**MALTEZOS systems** can also be integrated into both **Central Solar Systems** and **Solar Heating Systems**. They are used for heating applications and domestic hot water production.



## Solar Thermal COLLECTORS



**In Roof-Mounted** Installation



**On roof** installation



**Ground floor** installation

# BOILER



## Stainless Steel D.H.W. Tanks for Boiler Rooms

BOILER TYPE INOX		Dimensions (cm)		Weight (kg) empty	
		H	D	2E	3E
Boiler 150L	Vertical	108	60	35,5	39
Boiler 200L	Vertical	135	60	41	48,5
Boiler 300L	Vertical	180	62	55	61
Boiler 500L	Vertical	190	75	87	95



Available in floor standing models, with one or two coil heat exchangers, in capacities of 150, 200, 300, and 500 liters. Larger capacities are also available upon request.

## Enamelled D.H.W. Tanks (SUNPOWER) for Boiler Rooms



BOILER TYPE SUNPOWER		Dimensions (cm)		Weight (kg) empty	
		H	D	2E	3E
Boiler 200L	Vertical	140	58	86	100
Boiler 300L	Vertical	162	64	110	130
Boiler 500L	Vertical	158	75	171	177
Boiler 750L	Vertical	182	101	231	272
Boiler 1000L	Vertical	207	101	273	321



Available in floor standing models, with one or two coil heat exchangers, in capacities of 200, 300, 500, 750, and 1000 liters. Larger capacities are also available upon request.

## Customized D.H.W. Tank Solutions for Unique Applications



### Buffers

Used for storing water (hot/cold) and available in capacities from 40 to 1000 liters.

Larger capacities are also available upon request.



### D.H.W. Tank in Tank

Used for heating applications and domestic hot water production, available in capacities from 500 to 2000 liters.

Larger capacities are also available upon request.

# SAC-Type Solar Thermal COLLECTORS

## General Features:

- High-efficiency selective absorber
- 4 mm tempered glass
- Copper water manifold
- 0.5 mm thick selective aluminum surface
- Collector frame and back panel made of anodized aluminum with high corrosion resistance
- Insulation: fiberglass and rock wool
- 4 x copper connections  $\varnothing 22$  mm
- Long service life
- Easy and quick installation

**Collector type:** flat plate

**Absorber:** full aluminum plate

**Welding:** laser

**Back insulation:** 50 mm fiberglass

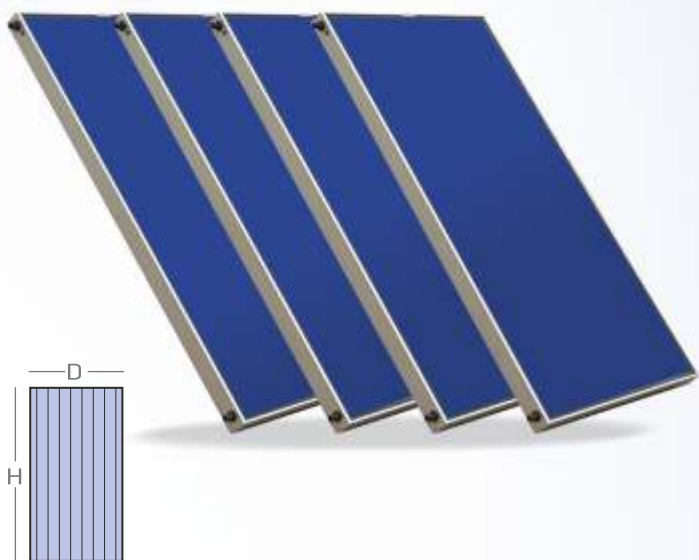
**Side insulation:** 20 mm rock wool

**Sealing:** silicone / EPDM adhesive

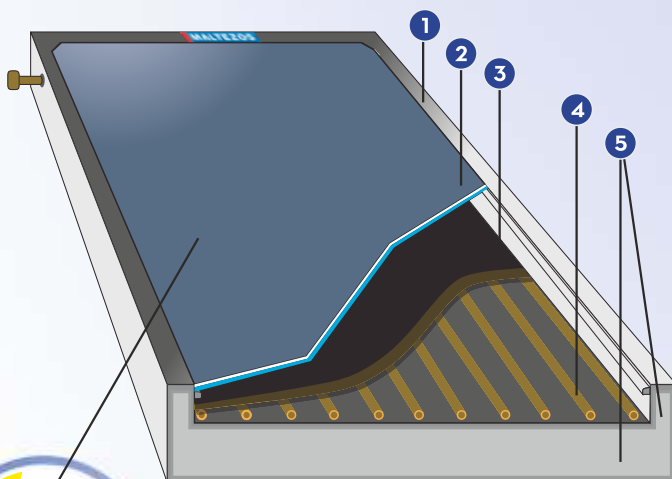
**Operating pressure:** 1.5 bar

**Test pressure:** 15 bar

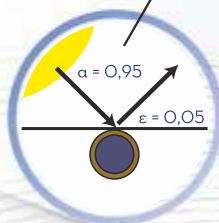
**Certification:** Solar Keymark



SAC-TYPE COLLECTORS	Dimensions (cm)		Ports	Number of tubes	Weight
	H	D			
SAC 90x150	150	90	2	8	23kg
SAC 100x150	150	100	2	9	24kg
SAC 130x150	150	130	2/4	12	32kg
SAC 100x200	200	100	4	9	34kg
SAC 130x200	200	130	2/4	12	34kg



- 1 Specially designed 1.5 mm anodized aluminum frame
- 2 Transparent safety glass for improved solar radiation absorption and enhanced durability
- 3 Selective aluminum absorber plate, laser-bonded
- 4 Copper tubes
- 5 Insulation: fiberglass at the back, rock wool on the sides



## MALTEZOS

SOLAR THERMAL SYSTEMS

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