



THERMIC
Solar Thermal Systems

40
years

**the
smartest
energy**



About us

Thermic Ltd was founded in 1977 and since then continuously manufactures solar and electric water heaters. A milestone was year 2004 when the new owners and management planned and materialized company opening to international markets, certification and quality control processes for Thermic® and Thermicsol® products.

Thermic maintains quality control management system according to ISO 9001:2008. Range of products was extended to forced circulation DHW systems with floor standing vertical and horizontal water storage tanks. Thermic® and Thermicsol® products are tested by accredited laboratories (**LNG, CENER, ITW, and DEMOCRITUS**) and certified by schemes and organizations such as **Solar Keymark, DIN-Certco, Certif, and DQS.**

Thermic® and Thermicsol® products are exported to European countries both within and out of European Union, Middle East, North and Central Africa, North and South America (Albania, Cyprus, Italy, Malta, Romania, United Kingdom, Tunisia, Egypt, Morocco, Rwanda, Kenya, Saudi Arabia, United Arab Emirates, Jordan, Lebanon, Yemen, USA, Chile and Brazil to mention some but not all countries)

We are proud for manufacturing 100% eco-friendly products, fully recyclable with long service time. Thermic products are energy-saving, non-polluting using the free inexhaustible energy source: our SUN.

Our planet receives about 274.000.000 gigawatt-years of solar energy, which translates to an astonishing 8.200.000 “quads” of BTU energy per year. A “quad BTU” refers to one quadrillion British Thermal Units of energy. The entire planet currently uses about 400 quads of energy (in all forms) per year. Put another way, the solar energy hitting the earth exceeds the total energy consumed by a factor of over 20.000 times. The key is developing technologies that efficiently convert solar power into usable energy in a cost-effective manner. Thermic® and Thermicsol® products are actually contributing on that purpose for 40 years now.





All thermosiphonic tanks have energy label according to EU regulation 812/2013



THERMIC LTD GREECE

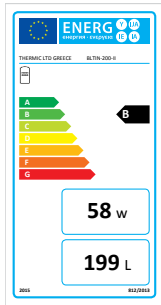


certificates

Thermic® and Thermisol® products are tested by accredited laboratories (**LNG, CENER, ITW, and DEMOCRITUS**) and certified by **Solar Keymark, DIN-Certco, Certif, and DQS**. Our products are registered in DCL of Dubai, ESTIDAMA of Abu Dhabi, RJSS of Jordan, IRI of Lebanon, KEBS of Kenya and other government and state authorities.



Solar Water Heaters ALPHA GLASS Eco Energy



Thermic Alpha Glass Eco Energy enameled solar water heater sets feature:

- Tank made from steel sheet EN 10130 Al DCOI-03 DCP 2.5mm
- Storage tank insulation from CFC-free polyurethane foam **45kg/m³** density 50mm thickness
- Inner tank surface enamel processed at 870° C certified for use with potable water according to DIN4753
- Anti-corrosion protection with magnesium anode rod DIN124382.2 33x350
- Product range from 120 to 300 litres
- Suitable for areas with “hard” water or with high salts deposits
- Brass outlet and inlet fittings
- All storage tanks bare energy label according to 812/2013 E.U. regulation
- Anodised aluminum collector casing 87mm profile
- Aluminum absorbing surface with blue selective layer. Harp type fluid-frame made of copper tubes, laser welded to the absorbing surface for instant thermal transmittance.
- Tempered 4mm prismatic mist-lite low iron solar glass front collector cover.
- 140mm flange for easy maintenance access
- Optional use of additional energy source (space heating, heat pump or other)
- Easy assembling and installation procedure
- Five years guarantee
- Long expected service time



ALPHA SWH sets

SET CODE	COLLECTOR CODE	COLLECTOR PER SET	TOTAL COLLECTIVE AREA
ALPHA TS 120/1.50	THERMICSOL-DELTA TS 1.50	1	1.50 m ²
ALPHA TS 120/1.70	THERMICSOL-DELTA TS 1.70	1	1.70 m ²
ALPHA TS 150/2.00	THERMICSOL-DELTA TS 2.00	1	2.00 m ²
ALPHA TS 150/2.30	THERMICSOL-DELTA TS 2.30	1	2.30 m ²
ALPHA TS 150/2.50	THERMICSOL-DELTA TS 2.50	1	2.50 m ²
ALPHA TS 150/3.00	THERMICSOL-DELTA TS 1.50	2	3.00 m ²
ALPHA TS 160/2.00	THERMICSOL-DELTA TS 2.00	1	2.00 m ²
ALPHA TS 160/2.50	THERMICSOL-DELTA TS 2.50	1	2.50 m ²
ALPHA TS 160/3.00	THERMICSOL-DELTA TS 1.50	2	3.00 m ²
ALPHA TS 200/2.00	THERMICSOL-DELTA TS 2.00	1	2.00 m ²
ALPHA TS 200/2.50	THERMICSOL-DELTA TS 2.50	1	2.50 m ²
ALPHA TS 200/2.70	THERMICSOL-DELTA TS 2.70	1	2.70 m ²
ALPHA TS 200/3.00	THERMICSOL-DELTA TS 1.50	2	3.00 m ²
ALPHA TS 200/4.00	THERMICSOL-DELTA TS 2.00	2	4.00 m ²
ALPHA TS 300/4.00	THERMICSOL-DELTA TS 2.00	2	4.00 m ²
ALPHA TS 300/6.00	THERMICSOL-DELTA TS 3.00	2	6.00 m ²

Solar Tanks (Horizontal) Glass enameled. RAL9006 grey. Brass in/outlets

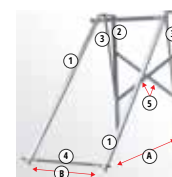
CODE	DIMENSIONS (mm)	CAPACITY (Lit.)
BLT ECO GL 120	ø500x780	112
BLT ECO GL 150	ø500x1280	136
BLT ECO GL 160	ø530x1280	151
BLT ECO GL 200	ø580x1280	190
BLT ECO GL 300	ø580x1800	290

Solar Collectors. Aluminum frame 87mm. Blue selective coating fin type absorber.

CODE	COLLECTIVE AREA	DIMENSIONS (mm)
THERMICSOL-DELTA TS 1.50	1.50m ²	1000x1500x87
THERMICSOL-DELTA TS 1.70	1.75m ²	1180x1430x87
THERMICSOL-DELTA TS 2.00	2.00m ²	1000x2000x87
THERMICSOL-DELTA TS 2.30	2.25m ²	1180x1890x87
THERMICSOL-DELTA TS 2.50	2.50m ²	1250x2000x87
THERMICSOL-DELTA TS 2.70	2.65m ²	1180x2230x87
THERMICSOL-DELTA TS 3.00	2.90m ²	1450x2000x87

Support frame and dimensions

Support frame for Solar Water Heater sets is manufactured from galvanized steel 2,5mm thickness L section. While assembled accommodates steadily ALL parts of the SWH set



Support frame parts dimensions

	120/1.5&1.72m ²	150/2m ²	150/2,25m ²	150,160&200/3m ²	200/2,5m ²	200/3m ²	200/4m ²	300/4m ²	300/6m ²
1	260cm	260cm	260cm	210cm	260cm	210cm	260cm	260cm	260cm
2	150cm	150cm	150cm	125cm	150cm	125cm	150cm	150cm	150cm
3	150cm	150cm	150cm	125cm	150cm	125cm	150cm	150cm	150cm
4	L brackets	L brackets	L brackets	150cm	L brackets	150cm	210cm	210cm	210cm
5	125cm	125cm	125cm	125cm	125cm	125cm	125cm	125cm	125cm
A	201cm	201cm	201cm	155cm	201cm	155cm	201cm	201cm	201cm
B	86cm	86cm	108cm	108cm	108cm	108cm	108cm	108cm	108cm





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