

CERTIFICATES



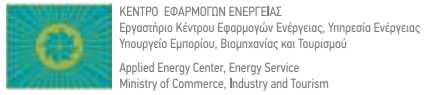
MEMBERS OF



CERTIFICATION BODIES



TESTING LABORATORIES



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SOLAR  
THERMAL  
SYSTEMS

velos / LX-11402



Energy from above





## ELCORA SOLAR THERMAL SYSTEMS

Elcora is one of the most innovative and successful manufacturers and suppliers of solar thermal systems. The company's passive systems are distinguished by their technological superiority, steady performance without heat losses and double life span.

In passive systems, the storage tank is 'close-coupled' to flat thermal collector panels. The system is normally fixed on a roof but can be fitted to any convenient and appropriately facing stable structure that gives maximum exposure to the sun. The system operates on the thermosiphonic principle where collector panels, coated with a solar selective surface, absorb the sun's rays, heating the water in the panels. As the water heats, it rises to the top of the panels and into a tank, displacing cold water, which is then sent to the bottom of the panels. The process is continuous.

### ADVANTAGES OF ELCORA SYSTEMS

- ▶ Highest quality standards
- ▶ Latest technological advances
- ▶ Most durable materials
- ▶ Energy saving
- ▶ Double life span
- ▶ Reliability & efficiency
- ▶ Maximum performance
- ▶ Minimum maintenance
- ▶ Cost-saving

Elcora takes quality very seriously. In fact, quality is what sets the company apart. A commitment to excellence is evident at every stage of the process - from design, through production, to the final installation and after-sales service. Only the most reliable, proven, materials and components are used and customers can be absolutely certain that when they buy an Elcora product they are getting a state-of-the-art, durable and efficient system - the best the industry has to offer.



- 5 years warranty
- 35% saving of electricity
- CFC 0%, Does not Destroy Ozone
- Environmental Friendly

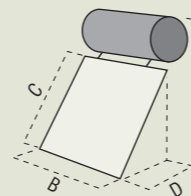
AVAILABLE COLORS



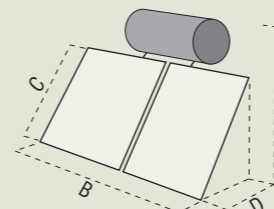
### PASSIVE SOLAR THERMAL SYSTEM

- 1 EXTERNAL CASING WITH ANODIZED ALUMINIUM OR OTHER MATERIALS
- 2 DOUBLE WALL HEAT EXCHANGER FOR CLOSECIRCUIT SYSTEM WITH COPPER SHEET OR STEEL
- 3 STORAGE TANK WITH COPPER SHEET OR STEEL WITH SMALL PROTECTION
- 4 ELECTRICAL RESISTANCE
- 5 HIGH DENSITY POLYURETHANE INSULATION
- 6 HEAT EXCHANGER COIL
- 7 EXTERNAL CASING FOR COLLECTOR WITH ANODIZED ALUMINIUM
- 8 LOW IRON TEMPERED GLASS
- 9 COPPER TUBES WITH ALUMINIUM OR COPPER SHEET
- 10 GLASS WOOL INSULATION 60MM THICKNESS
- 11 SELECTIVE SURFACE COATING

EL130



EL160, EL200, EL250, EL300, EL350



TYPE	EL130	EL160	EL200	EL250	EL300	EL350
VOLUMETRIC CAPACITY	130L	160L	200L	250L	300L	350L
NUMBER OF COLLECTORS	1pcs	2pcs	2pcs	2pcs	2pcs	2pcs
TOTAL ABSORPTION AREA	2m <sup>2</sup>	3m <sup>2</sup>	3.6m <sup>2</sup>	4m <sup>2</sup>	4m <sup>2</sup>	5m <sup>2</sup>
DIMENSIONS AT 45°	A	168cm	168cm	168cm	168cm	168cm
	B	100cm	210cm	210cm	210cm	260cm
	C	200cm	150cm	150cm	200cm	200cm
	D	230cm	190cm	190cm	230cm	230cm