



EXPERIENCE IN QUALITY SINCE 1949

SOLAR THERMAL SYSTEMS | SOLAR PANELS | ELECTRIC WATER HEATERS | ELECTRO-BOILERS | KITCHEN ABSORBERS

The company MELPO T. + I. Dimitriou O.E is continually present for 69 years, by manufacturing since 1949 the **first** Electric Water Heaters and Kitchen Absorbers sold in Greece.

After its establishment, MELPO makes its presence intense in Greece and it participates in 35 **International Commercial Exhibitions** (Athens, Lamia, Thessaloniki, Marseilles, Zagreb, Paris, Frankfurt, Nikosia, Varna, etc.), **financed by the state** -Ministry of Energy and Technology. With these participations it acquired several Prizes and the **Gold Medal** for the quality of its products and its services in the Greek and international market.

In 1965, MELPO Company introduces a new range of products in the market: The SM-MELPO Solar Thermal Systems, known for their technological applications, their efficiency, quality and appearance, manage to acquire a large portion of the Greek and foreign market.

With the continuous research, the experienced staff, the top quality of raw materials, the construction according to the **DIN** Standards, the **CE Mark**, the **Solar Thermal Systems Key Mark (EN 12976-2\*/ISO 9459-2\*\*)**, and its huge experience, MELPO has achieved to be a very reliable and serious company.

The products of MELPO Company are known since 1949 for the production quality and their high efficiency in Greece and abroad and these are:

- **The M-MELPO Electric Water Heaters** series, in 10,25,40,60,80,100 and 120 lit, vertical, horizontal or floor tanks, specially protected with EXTRA GLASS treatment and Magnesium Rod.
- **The EB-MELPO Electro-Boilers** series, double, triple energy in 60, 80,100,120,160, and 200 lit, vertical, horizontal or floor tanks of high performance.
- **The SM-MELPO Solar Thermal Systems** from 100 to 300 lit, perfect in appearance quality and performance, with boilers protected with EXTRA GLASS treatment, or made of Stainless Steel and collectors totally constructed by copper with specially formed selective fins for better absorption of solar energy.
- **The A-MELPO Kitchen Absorbers** series, with 1 or 2 no noise motors, in 60,70,75 and 90 cm, and the Incorporated-With-Wall type, the Moving type and the Fire-Place Absorber of 60 cm and 90 cm with 2 motors.

The sales of the Company are supported by a large sales network, expanded in the whole of Greece and abroad as well. Part of it are several markets of electrical appliance, e.t.c.

MELPO is part of the Greek Solar Industry Association (**G.S.I.A**). (G.S.I.A) is part of the European Solar Thermal Industry Federation (**E.S.T.I.F**).



EN 12976-2\*/ISO 9459-2\*\*

||| **FACTORY:** |||||  
EL.VENIZELOU 3  
AG. VARVARA 123 51  
ATHENS  
GREECE

||| **SHOWROOM:** |||||  
EL.VENIZELOU 9  
AG.VARVARA 123 51  
ATHENS  
GREECE

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T.++30 210 5611842  
++30 210 5611846  
++30 210 5611866  
F.++30 210 5611811

## **SOLAR THERMAL SYSTEMS**

THE SM-MELPO Solar Thermal Systems are manufactured with the highest quality materials, according to **DIN** Standards, **CE mark** and **Solar Thermal Systems Key Mark EN 12976-2\*/ISO 9459-2\*\*** and consist of the following components:

### **TANK**

- 1.Outer casing of the tank made of 0.5mm thick stainless steel(INOX), or RAL 9006 sheets.
- 2.The Hot Water Storage Tank made of steel best galvanized sheet 2mm thick enameled, or 2mm thick stainless steel (INOX)and tested at pressure of 15 bar.
- 3.Electrical Resistance 4000W/230V.
- 4.Bi-polar Safety Thermostat.
- 5.Double Magnesium Rod.
- 6.Extra strong 60mm thick ecological polyurethane insulation.
7. Enameled or stainless steel (INOX) exchanger.
- 8.Specially designed, galvanized or INOX, two outer support legs for best installation.

### **FLAT COLLECTOR**

- 1.Specially formed extruded aluminum alloy for secure protection.
- 2.100% copper heating solar cell.
- 3.Absorber surface made of selective aluminum or copper fins (absorption 95%, emission 5%)
- 4.Special safety, low-iron glass 4mm thickness with the best permeability.
- 5.Backplate insulated by 30mm glass wool with black glass felt.

### **GALVANISED STAND**

- 1.Vertical support legs combined with horizontal bars.
- 2.Inclined legs.
- 3.Upper-down collector support bars.
- 4.Diagonal connectors for securing of the vertical support legs.







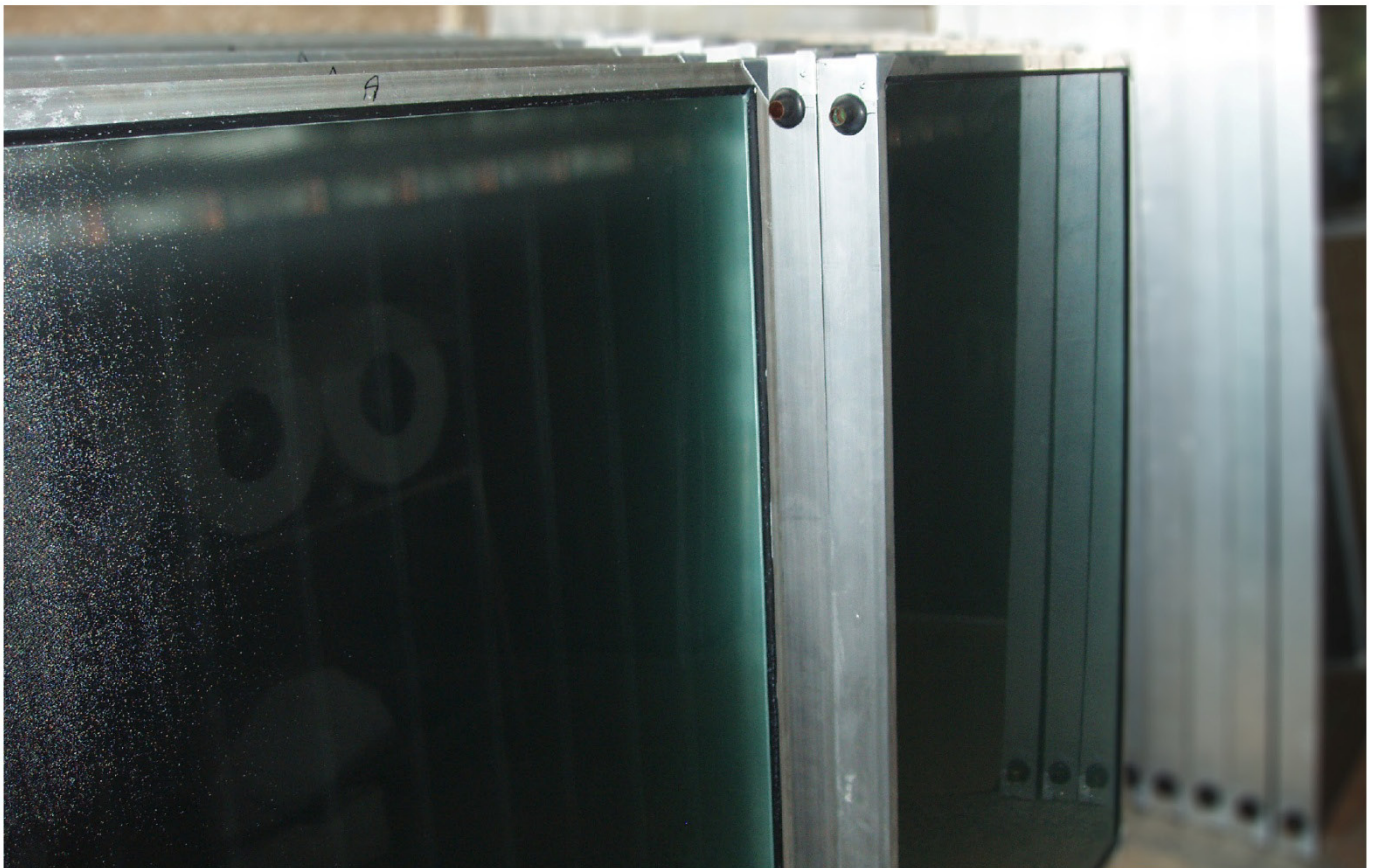


















## **ELECTRIC WATER HEATERS**

THE M-MELPO Electric Water Heaters are manufactured with the highest international standards and consist of the following components:

- 1.Outer casing of the tank made of 0.5mm thick steel sheets.
- 2.The Boiler made of steel best galvanized sheet 2.00mm thick, enameled and tested at pressure of 15 bar.
- 3.Electrical Resistance 4000W/230V.
- 4.Bi-polar Safety Thermostat.
- 5.Thermometer.
- 6.Magnesium Rod.
- 7.Extra strong 25mm thick ecological polyurethane insulation.
- 8.Safety Valve

## **ELECTRO-BOILERS**

THE EB-MELPO Electro-Boilers are well known for the highest construction standards and consist of the following components:

- 1.Outer casing of the tank made of 0.5mm thick steel sheets.
- 2.The Boiler made of steel best galvanized sheet 2.00mm thick, enameled and tested at pressure of 15 bar.
- 3.Electrical Resistance 4000W/230V.
- 4.Bi-polar Safety Thermostat.
- 5.Thermometer.
- 6.Magnesium Rod.
- 7.Extra strong 25mm thick ecological polyurethane insulation.
- 8.Enamelled exchanger.
- 9.Safety valve.















## ELECTRIC WATER HEATERS & ELECTRO-BOILERS “ MELPO ”











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