

TECH=MARK

Equal Partners

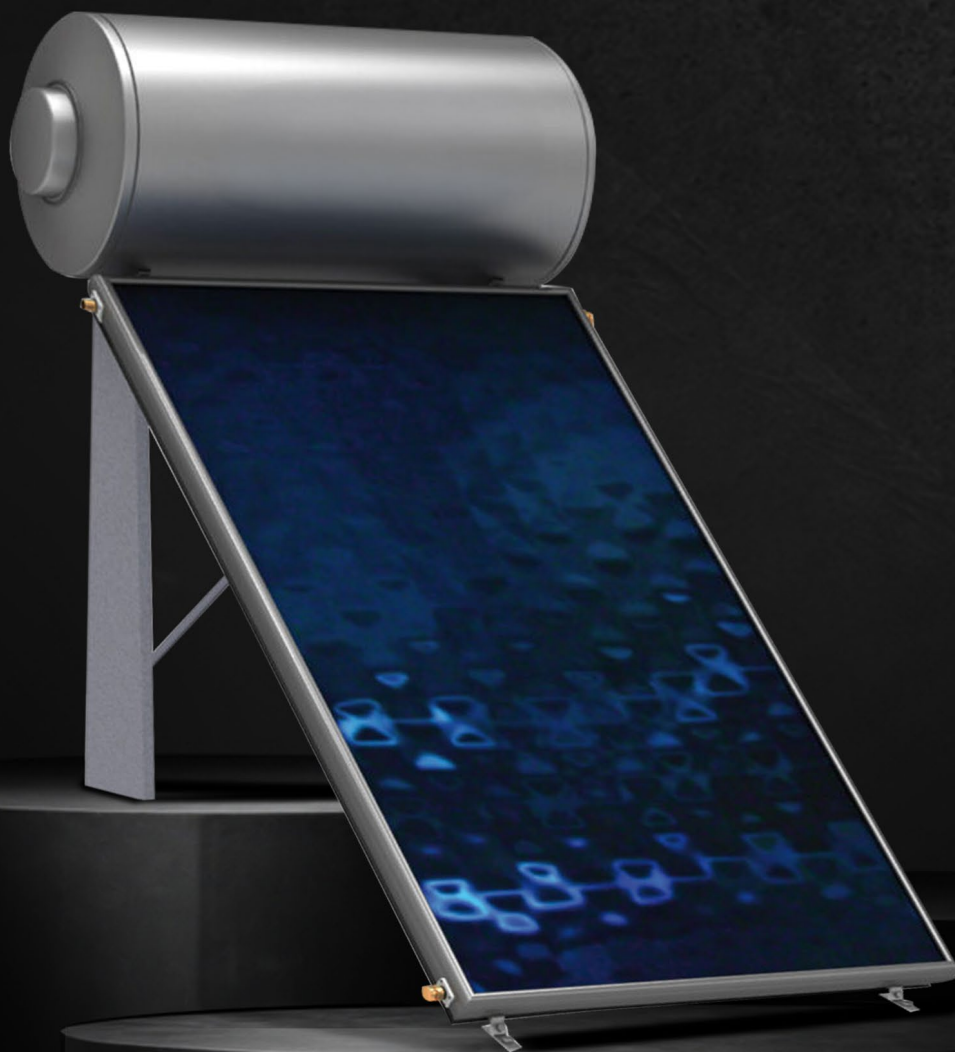
Save power every time you shower



**SOLAR
WATER HEATERS**

TECH=MARK

SOLAR WATER HEATERS



Cut down the massive electric bills is to bring home the Techmark Solar water heaters. This most advanced solar water heaters, ensure hot water at all seasons. Choose from a broad range of water heaters available in various capacities.



Double Coating of
Liquid Enamel at 860°C



Unmatched Performance with
Copper Selective Collectors



5-Year Warranty



8 Bar
Pressure Resistant



Heat Exchanger

In the case of a dual-energy tank, there is a spiral-type heat exchanger inside the tank with a $\frac{1}{2}$ " male brass thread. The connection of the heat exchanger to the central heating system is recommended to be automated, achieved by connecting a special sensor in a position (bucket) located next to the thermostat position.

Absorber

Selective surface made of 4mm thick aluminum sheet with a titanium oxide coating. The coating process is carried out in vacuum in Germany. The solar radiation absorption surface is perfectly applied to the copper hydro-skeleton through welding using automatic LASER machines for direct heat transfer to the thermal fluid. Its properties ensure maximum thermal performance of the collector, achieving an absorptivity coefficient of $\alpha > 95\%$ and an emissivity coefficient of $\epsilon < 5\%$.

Pitched Roof

A unique mechanical design of a tile roof support base that allows easy assembly and installation of the solar system. It is processed using a LASER machine, resulting in smooth edges that do not cause injury. The solar system support has been tested to withstand the most extreme weather conditions. Please pay attention to the installation for the appropriate orientation depending on the country (e.g., the suitable orientation for Greece is south). Additionally, the buyer should consider the system's inclination, which is recommended to be at least 30% or up to 40%.

Glass

It is a 3.2mm thick tempered low-iron glass. The low iron content advantageously results in low reflection, leading to higher absorption. Additionally, it is a safety glass that can withstand hail and object impacts.

Flat Roof

A unique mechanical design of a terrace support base that allows for easy transportation, assembly, and installation of the solar system. It is processed using a LASER machine, resulting in smooth edges that do not cause injury. The solar collector support has been tested to withstand the most extreme weather conditions.

Packaging Content

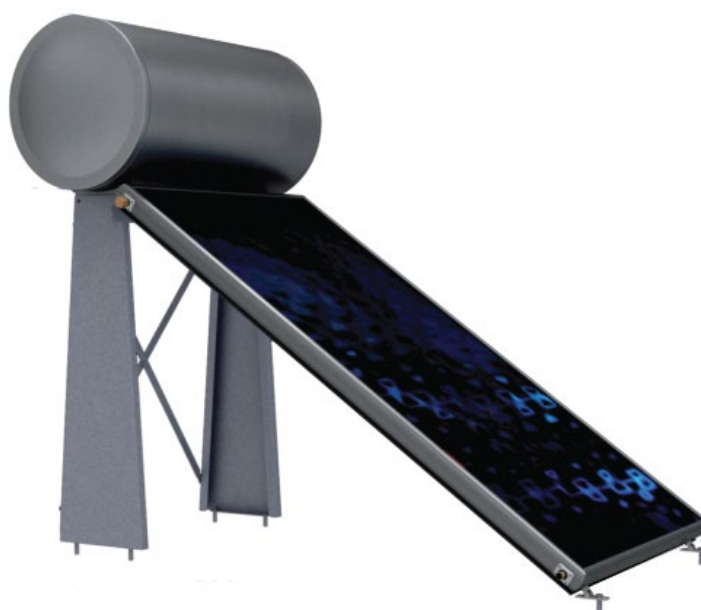
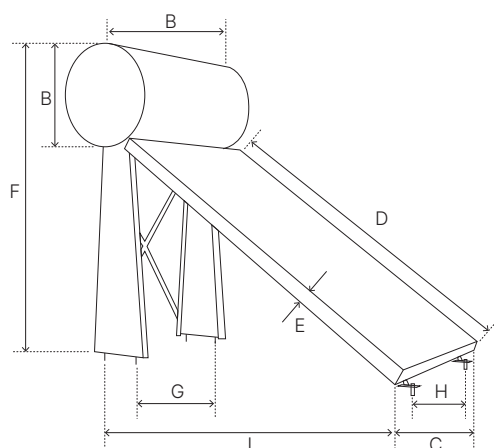
The packaging of the solar system support base includes all the screws required for its assembly and the components necessary for connecting the pipes that join the tank with the collector.

ATLAS

120L / 150L / 160L

160L-H / 160L-D / 200L

200L-E / 300L / 300-L



TYPE	A	B	TOTAL	C	D	E	F	G	H	I
120	50	100	113	100	150	7,5	160	89	89	148
150	50	120	132	97	197	7,5	193	89	89	190
160	58	100	113	117	197	7,5	193	89	89	190
160 - H	58	100	113	197	117	7,5	158	89	89	110
160 - D	58	100	113	208	157	7,5	168	89	180	148
200	58	120	132	208	157	7,5	168	89	180	148
200 - E	58	120	132	117	197	7,5	193	89	89	190
300	58	170	183	200	197	7,5	193	89	180	190
300 - L	58	170	183	240	197	7,5	193	89	180	190

TECHMARK INTERNATIONAL FZE
Consumer Durables & More

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