

OLYMPUS

SOLAR WATER HEATERS

**SAVES YOU
MONEY
WITH LOWER
ELECTRICITY
BILLS!!**

**5 YEARS
WARRANTY**



**SUPERIOR IN
QUALITY, PERFORMANCE, RELIABILITY, DURABILITY
AT AMAZING PRICES!**



WHY CHOOSE OLYMPUS?

Every technical characteristic of the **OLYMPUS SWH** is superior to any other product in the international market.

OLYMPUS BOILER

1. ANTIMAGNETIC INOX STAINLESS STEEL external casing, for absolute protection from all weather conditions, ensuring maximum durability.

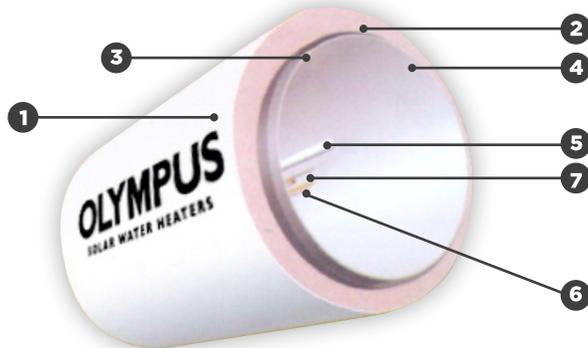
2. FREON FREE POLYURETHANE INSULATION casted under pressure surrounding the cylinder retaining hot water for several hours.

3. CLOSED CIRCUIT DOUBLE JACKET internal heat exchanger made of mild steel with a large area where heat is transferred making it a very fast heating solar water heater also protecting it from rusting, scaling and freezing.

4. Boiler is made of thick low carbon steel with a **DOUBLE ENAMELLING 'DUROGLASS' COATING**, oven-treated at extremely high temperatures.

5. PURE MAGNESIUM ANODE effectively protects the cylinder from electrolysis and preventing it from internal corrosion.

7. THERMOSTAT with built in safety features including a sensor immersed in the water that regulates the desired temperature of the hot water, with absolute precision.



6. BACK-UP ELECTRIC HEATER

OLYMPUS Solar Water Heaters are manufactured by "SOLE" in Greece with over 35 years of experience producing high quality, technologically advanced solar water heaters designed specifically for the Mediterranean Climate.

Sole has a specialised R & D Department constantly improving and developing the quality of its product, manufactured according to ISO 9001:2008, CE quality guarantee procedures and certified for their reliability and performance tested by several accredited laboratories as TUV (German), INETI (Portuguese), Demokritos (Greek), CSTB (French), ITW (German), INTA (Spanish). The OLYMPUS solar water heaters have also been awarded the internationally recognised Solar Keymark Certificate EN12976 covering the complete solar water heater system including the solar collector, the support structure, hot water reservoir tank (boiler), electric heater, safety equipment and control.

OLYMPUS COLLECTOR

8. EXTRUDED ALUMINIUM PROFILE POWDER COATED

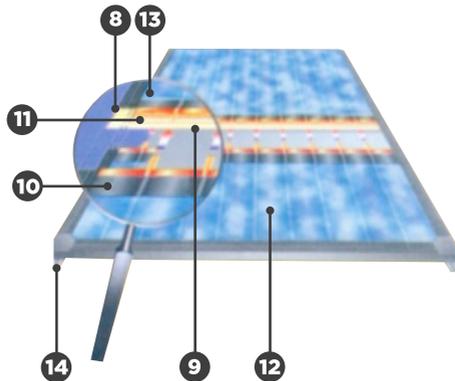
without any external connections, screws, nuts or rivets having a particular slot for the rubber sealing making it 100% watertight.

9. THICK ROCKWOOL INSULATION on the back and **GLASSWOOL** at the sides of collector maintain very high temperature in the collector achieving incredibly high efficiency.

10. 'BLUE TITANIUM SELECTIVE COATING' on absorber composed of copper tubes and fins welded on the vertical pipes making it the most efficient absorber available having a very high absorption ability with a incredibly low emissivity rate PRODUCING 30% MORE HEAT than other non-selective absorbers.

11. The primary **HELIO THERMIC LIQUID** developed by Sole is a special anticorrosive glycol achieving maximum heat transfer while protecting the collector from scale, rust, freezing and overheating, lasting a life time.

12. Collector's glazing is made of **LOW IRON PRISMATIC SOLAR TEMPERED GLASS** ensuring highest penetration by irradiation and energy transmittance, oven treated at extreme temperatures achieving maximum durability



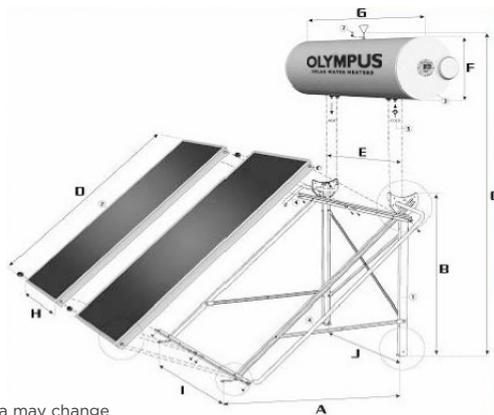
13. Special **EPDM RUBBER PROFILES** fix the glass in place and ensure 100% water and vapour sealing. Special vent-holes prevent moisture (condensation) formation within the collector.

14. Special threaded slots at the back of the collector allow easy installation on a very robust **FULLY GALVANIZED SUPPORT FRAME** resisting any weather conditions.

MODEL	120-1-200	150-1-200	200-1-250	300-2-200
TANK:				
Nominal Size (litres)	120	150	200	300
Gross Capacity (litres)	118	143	191	297
Weight (kg)	53	59	67	106
Test Pressure (bar)	15	Maximum Temperature		90
Operating Pressure (bar)	10	Cold/Hot Water Connectors (male)		½"

COLLECTOR:					
Collector No. & Size (m2)		1x2.0	1x2.0	1x.2.5	2x2.0
Collector Surface (m2)		1.91	1.91	2.31	3.82
Weight (kg)		39	41	49	55
Fluid Content (litres)		1.30	1.36	1.64	1.86
Stagnation Temperature °C	100-140	Tested Pressure (bar)	10	Operating Pressure (bar)	6

	OLYMPUS 120-1-200	OLYMPUS 150-1-200	OLYMPUS 200-1-250	OLYMPUS 300-2-200
A	1685	1685	1685	1685
B	1465	1465	1465	1465
C	1985	1985	2015	2015
D	1970	1970	1970	1970
E	800	800	800	1345
F	500	500	530	530
J	1010	1260	1260	2010
H	970	970	1177	2000
I	895	895	895	1440
J	750	750	750	1370



Due to continuous product improvements the technical data may change

OPERATION & MAINTENANCE INSTRUCTIONS

- Temperature of hot water depends on solar irradiation of the day, season of year, ambient temperature, cold water inlet temperature, time of day using hot water, quantity used.
- Best time for use: Noon - 3.00p.m. & 5.00 p.m. - 8.00 p.m.

- If you need hot water early in the morning, avoid excess consumption previous evening.
- Set the thermostat to 55°C-60°C.
- It is highly recommended not to leave electric heater permanently ON but to switch the electric heater on only when needed.

- At least once a year check collector for excessive dust & wash with cold water early morning before 10a.m.
- Check magnesium anode every 12 months and replace if consumed.