



**KYRIAZIS**

## Solar water heating



# Thermosifonic solar water heater

Kyriazis sa has designed and created the new Thermosifonic solar water heater KYRIAZIS ensuring great efficiency and long life. The new selective titanium - Laser welding - Solar collector - achieving the highest efficient level - offers continuously hot water even with low sunshine radiation and cloudy weather. The state-of-the-art technology together with the most advanced raw materials guarantee excellent operation for a long life .

Type	Boiler (lit)	Solar Collector (m <sup>2</sup> )	PCS of Collectors	Code
L120	120	2,0m <sup>2</sup>	1	GS120020
L160	160	2,0m <sup>2</sup>	1	GS160020
L160	160	2,5m <sup>2</sup>	1	GS160025
L200	200	3,0m <sup>2</sup>	2	GS200030
L200	200	4,0m <sup>2</sup>	2	GS200040
L240	240	4,0m <sup>2</sup>	2	GS200040
L300	300	4,0m <sup>2</sup>	2	GS300040
L300	300	5,0m <sup>2</sup>	2	GS300050



# Forced Circulation Systems

Economy - Aesthetic - Efficiency - Autonomy

With the use of solar forced circulation systems we can achieve energy savings of 70-100%, as the operating time of the boiler or the heating element is reduced dependent on the sunlight of every region and the system's size, while at the same time the carbon dioxide emissions are reduced.

Central solar systems are made of excellent materials according to international specifications and have all the certificates and tests passed.

They are highly efficient systems, which can be simply and quickly installed to blend with the traditional or modern architecture of a building, providing free hot water almost the whole year round. Even in regions with low sunlight they achieve the preheating of the water, which contributes to a drastically reduced consumption of conventional energy.

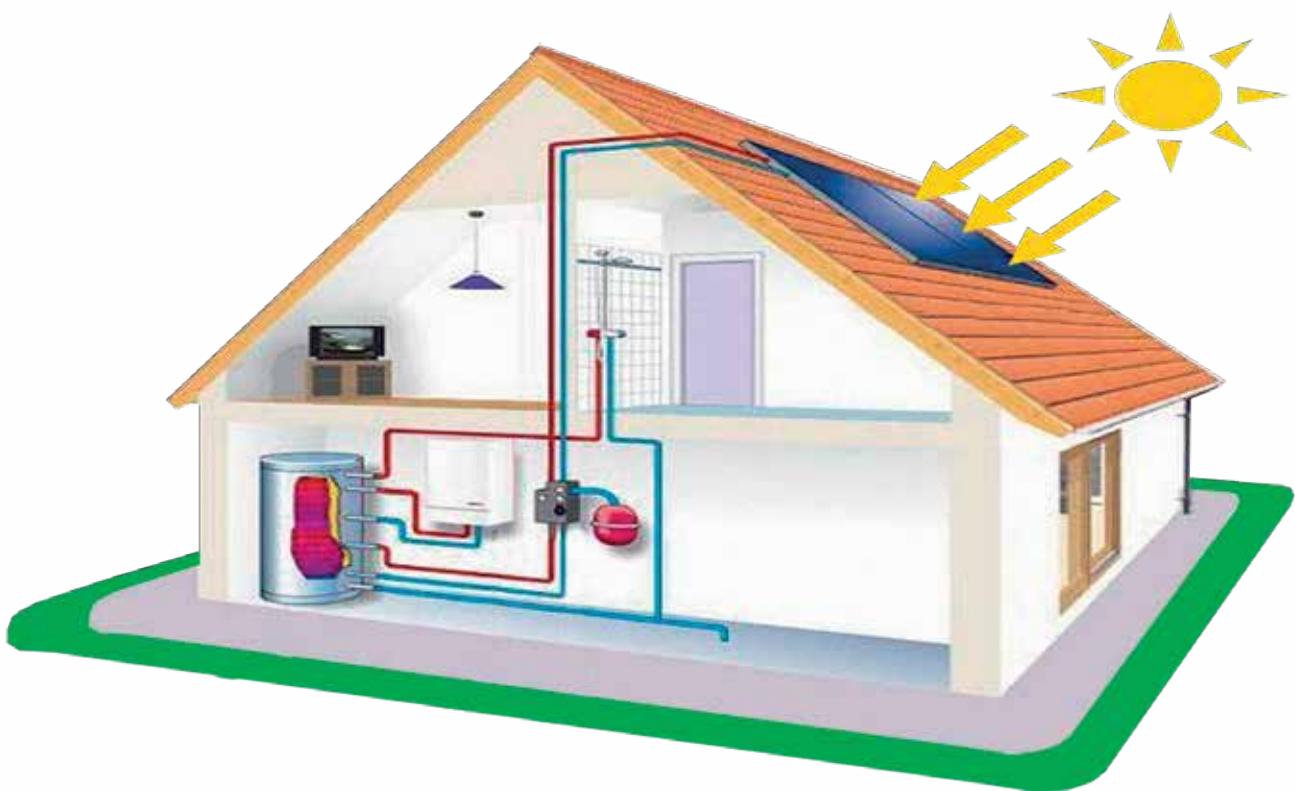
	SSF160	SSF200	SSF300	SSF500	SSF800	SSF1000
People Served	1-3	2-4	4-6	7-9	10-15	15-20
Collector Surface(m <sup>2</sup> )	2 x 1,5	2 x 2	2 x 3	2 x 5	6 x 2,5	8 x 2,5
Water tank	160 L	200 L	300 L	500 L	800 L	1000 L
Boiler dimensions	600/1010	600/1200	650/1450	750/1690	1000/1950	1000/2000
Solar station	NOVOSOL 7000 2- 12 lit/min			NOVOSOL 7000 8-28 lit/min		
	LOVATO VERTIGO VRD 90 1-15 lit/min					
Expansion Vessel	Aquasystem					
	VS 12L	VS 12L	VS 18L	VS 24 L	VS 35 L	VS 50 L
Supporting frame	1	1	2	3	3	4
Antifreeze	5 Lit	6 Lit	9 Lit	15 Lit	24 Lit	30 Lit
Electric resistance	Optional	Optional	Optional	Optional	Optional	Optional





- Available sizes range from 1,5 m<sup>2</sup> to 2,5 m<sup>2</sup>
- Global installation system with internal movable parts
- Lightweight for easy transport and installation
- Safety glass with high permeability
- Back and side glass-wool insulation
- HARP type absorber (headers and risers) welded with **Laser** technology
- x2 stainless vents positioned at the bottom
- x2 or x4 outlets Cu Ø22

Type	15	19	20	23	25
Overall Area	152	197	203	226	256
Absorber Area	136	180	184	204	234
Length	1504	1504	2007	1894	2007
Width	1008	1306	1008	1184	1258
Height	85	85	85	85	85
Weight (Dry)	22	27	28	30	35
Absorber Volume Capacity	1,3	1,5	1,6	1,8	1,9



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Dealer



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