



# THERMOSIPHON SOLAR WATER HEATER

*TS Eco*

The solar water heater thermosiphon is composed of one or more solar collectors and a hot water tank positioned horizontally, above the collectors, on the roof.

The thermosiphon system doesn't need regulation or pump. The circulation of water is carried out alone, by thermosiphon system: hot water, lighter, rises and is stored in the horizontal tank. Cold water, heavier, goes down at the bottom of the tank and of the collector. This solar water heater system is ideal for tropical or southern Europe.

## Set's detail

- Tank with enamelled steel, stainless steel outlets
- Solar collector(s)
- Tank / collectors connection kits (Cu)
- Sheet metal roof support made of Magnelis® steel and stainless steel screws  
(additional terrace support optional)
- Security group
- Fittings and joints

## Certifications

SolarKeymark system certification  
23.01.005



**The Solar Keymark**  
CEN Keymark Scheme

EPA's Energy Star Programme

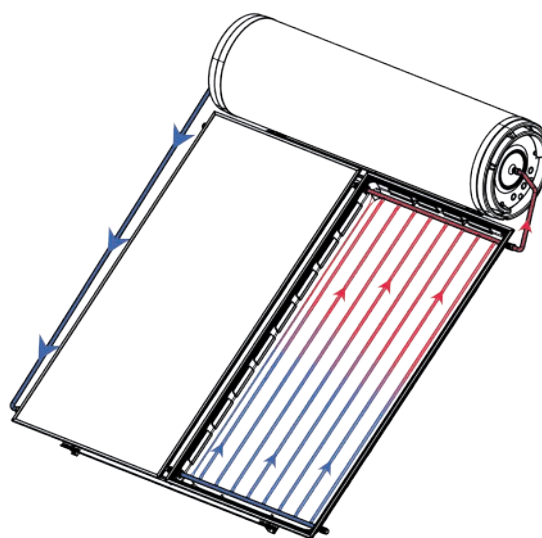


Made in France



# TS 202 ECO, 304 ECO

Model	TS 202 ECO	TS 304 ECO
C2000 D12c Syrius Collector (cf product sheet for complete technical specifications)		
Dimensions (mm)	2033 x 1015 x 98	
Net weight (kg)	31	
Efficiency $\eta_{0,a}$ absorber area	78.8 %	
Productivity value (W/m²)	699	
Heat loss coefficient a1	3.82 W/(m².K)	
Heat loss coefficient a2	0.016 W²/(m².K²)	
Covering	Low iron, tempered safety glass 3.2 mm	
Absorber type	Selective aluminum laser welded on Cu tubes	
Gross /net area (m²)	2.06 / 1.89	
Quantity	1	2
Total gross area (m²)	2	4
Tank		
Capacity (liters)	185	272
Dimensions (mm)	1480 x 550	1975 x 550
Net weight (kg)	63	84
Cylinder type	Steel enamelled coating, double jacket with stainless steel outlets	
Insulation	PU injected - Thickness minimum 50 mm	
Connections	¾” M stainless steel	
Optional electric backup	Immersion Heaters	
Complete system		
Net weight (kg)	110	166
Overall dimensions (mm)	1700 x 2560	2300 x 2560



**Collectors guarantee 10 years**  
**Tanks guarantee 5 years**  
**Supports guarantee 10 years**

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