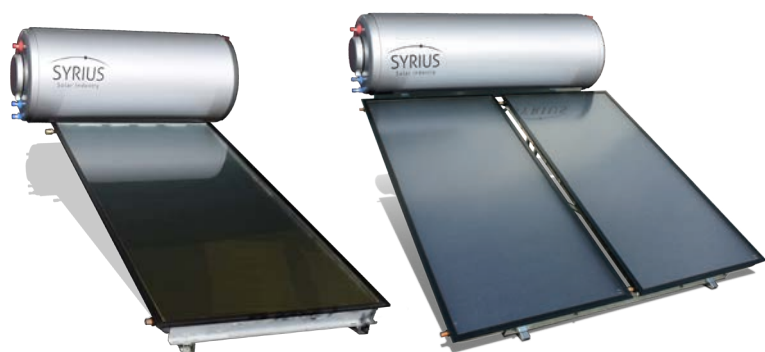


Solar water heaters with the best of technology



SYRIUS
Solar Industry

**THERMOSIPHON
SOLAR WATER
HEATER WITH
DOUBLE JACKET**



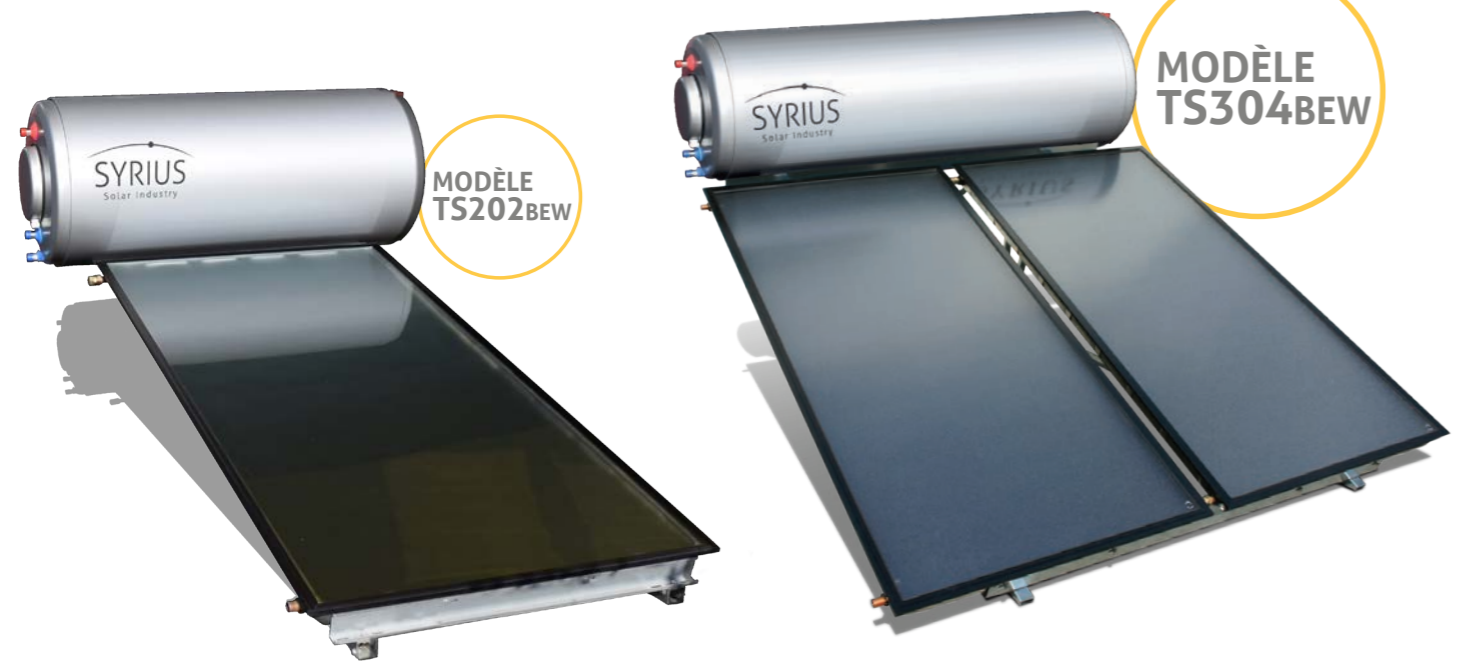
Syrius Solar Industry effectively combines 30 years of experience in solar energy with the dynamism of a growing company.

Located in Montpellier, south of France, we manufacture solar water heaters for private homes, collective housing and industrial applications.

Respectful of the environment, we offer solutions that can cover up to 100% of hot water needs depending on regions, with solar energy.

OUR SOLAR WATER HEATER

The thermosiphon range is mainly intended for south european area. The thermosiphon I.S.W.H. with double jacket works in closed circuit : the antifreeze passes through collectors and the citern. The domestic water is located inside the citern, in a double jacket like a «bain-marie». This product recommanded for very dirty water or for areas with risk of frost.



PRODUCTION QUALITY

All SYRIUS 's products are produced in France and Europe, with the best current technology in solar heating industry. the SolarKeymark certification and the ISO 9001 integrates strict quality control into each manufacturing steps.

SPECIFICATIONS

- Enamelled steel tanks with stanless steel 316L outlets
- Supports in Magnelis® steel
- Stainless steel screws
- Solarkeymark Certification with pullout tests at 3000 Pa (245 km / h winds)
- Steatite electrical resistance option (high reliability over time)
- Aluminum collector chest in one piece

TECHNICAL SPECIFICATIONS	
MODEL	TS202BEW TS304BEW
COLLECTOR	SYRIUS C2000D12 (2m ²)
DIMENSIONS	2033 x 1010 x 102 mm
EFFICIENCY n0	B= 77,3% K= 4,47 W/m ² .K
QUANTITY OF COLLECTOR	1 2
TOTAL GROSS AREA	2 m ² 4 m ²
TANK CAPACITY	191 L 300 L
TANK TYPE	Steel enamelled coating
TANK NET WEIGHT	90 kg 140 kg
INSULATION	PU injected - Thickness min. 60 mm
MAXIMUM PRESSURE	8 bar
COMPLETE SYSTEM NET WEIGHT	143 kg 234 kg
COMPLETE SYSTEM OVERALL DIMENSIONS	1700x2560 mm 2300x2560 mm

LABEL ET CERTIFICATIONS :

TECHNOLOGICAL PERFORMANCES

SUPPORTS IN MAGNELIS® STEEL



The supports of ISWH are made of sheet steel Magnelis®, 20 years warranty by Arcelor Mittal. Magnelis contains magnesium which oxidizes slightly on the surface and protects steel against weather and extreme conditions in tropical areas.



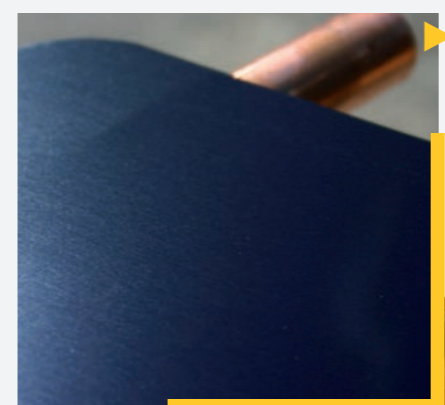
ENAMELLED STEEL STAINLESS STEEL 316L OUTLETS



The inner tanks are made of enamelled steel, vitrified at 860 ° C, and the outlets are made of stainless steel 316L, which ensures excellent resistance to corrosion and mechanical resistance to any test.



ABSORBERS LASER WELDED



The collectors' absorbers are made of aluminum treated with a selective coating (Alanod) and copper tubes are laser welded to the back of the absorber. This technological process of high precision are achieved by our industrials partners in Europe.





DID YOU KNOW ?

Depending on the region, the installation of a solar water heater by a professional entitles you to a subsidy or a tax reduction. Ask your installer about financing possibilities.

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