



Sun Ray: undeniably tough!



Solar water heaters



Heat your water with the sun

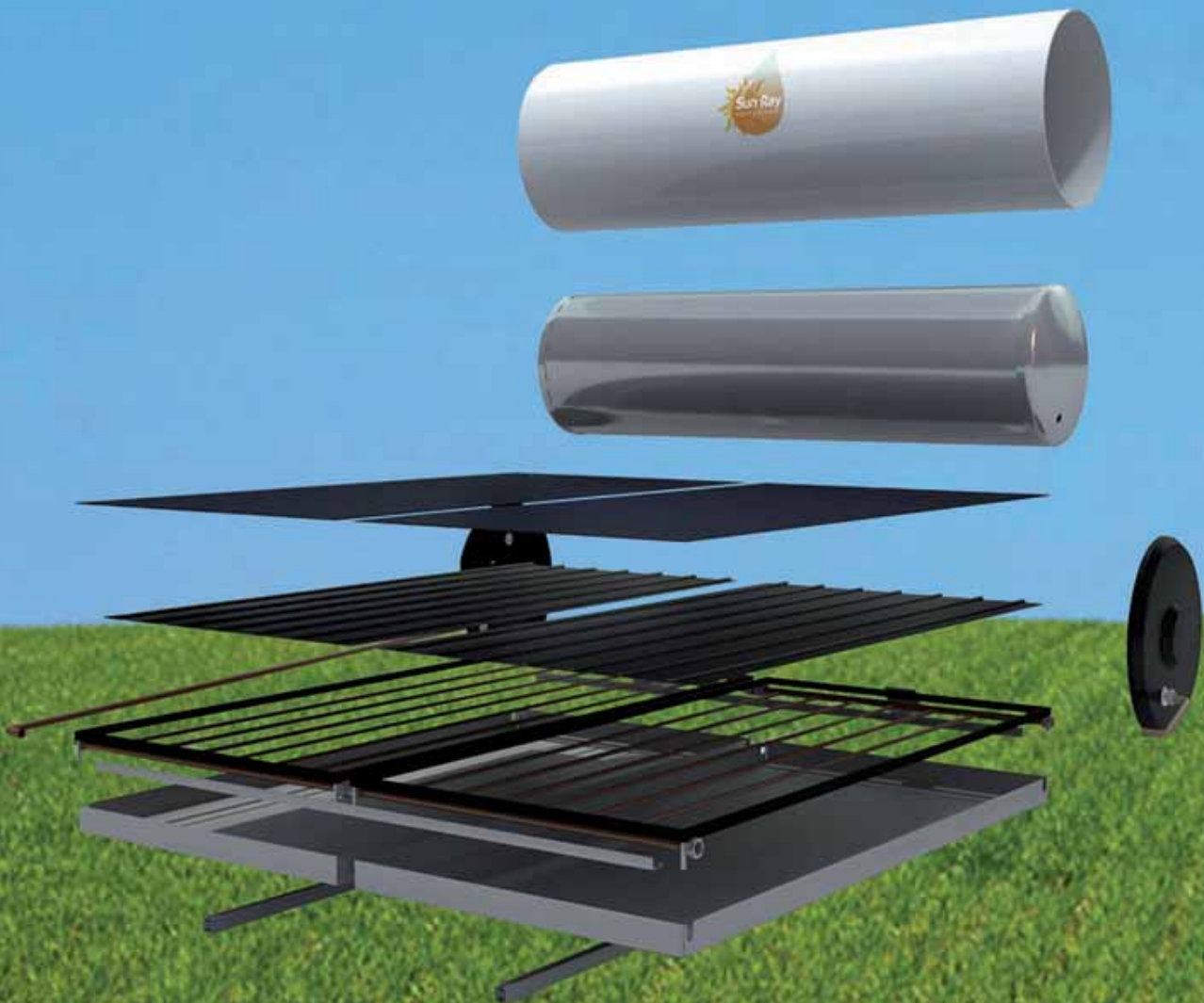
Solar water heaters' popularity is increasing because they are reliable, adaptable, cheaper to run and pollution free as they use renewable energy from the sun. The sun shines for everybody, so wherever you might be, make the most of it!

Soak up the savings naturally with Sun Ray

Sun Ray is dedicated to bringing you a great quality solar water heater, integrating the latest technologies, derived from 33 years of experience and investment in research and development.

Unlike most ordinary water heaters, Sun Ray has a **marine grade stainless steel** tank which provides remarkable durability with minimal maintenance. Sun Ray's products have a long life span due to the company utilising some of the best commercial grade components on the market and combining them with European quality manufacturing.

Our image and reputation have been built on the satisfaction of our customers.



Sun Ray's marks of quality



AS/NZS 2712:

In order to be sold and installed in Australia, a system must be certified under the Australian standards 2712. Moreover, solar water heaters are only eligible under the Small-scale Renewable Energy Scheme (SRES) to benefit from STCs if they have been independently certified AS/NZS 2712. Sun Ray has had this certification since 2010.



Scientific and Technical Centre of the Building Works: (Certified since 1989). This office, created in 1947, assures you of the quality of our products and our installations. All standards being met in health and safety, environment and energy performance as well as being cyclone resistant.



Certificate of Sanitary Conformity:

This label, recognised by the European institutions of health and safety, guarantees you that the materials used in the manufacturing of our solar water heaters has no health impact on the water which you can safely consume.



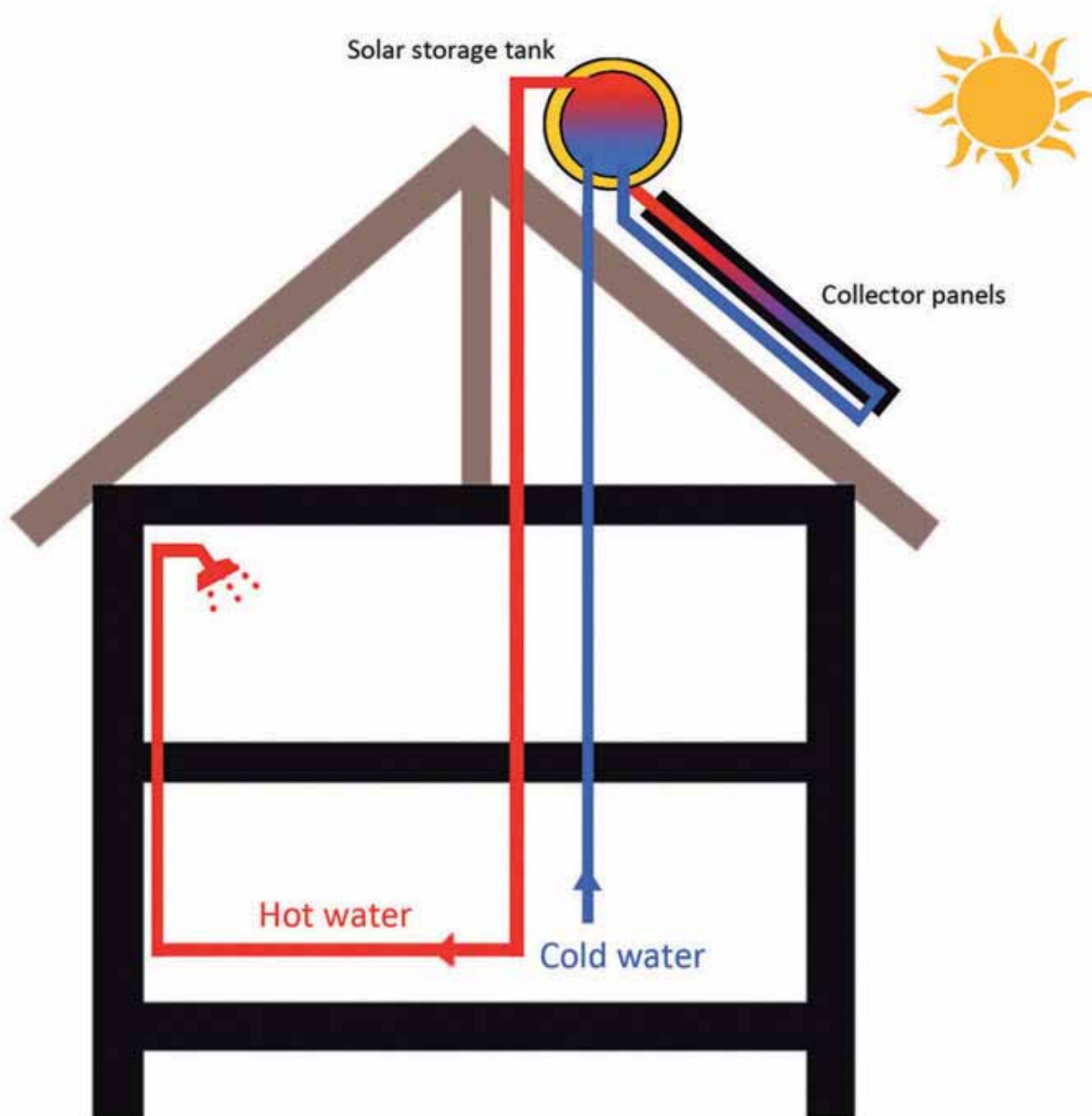
ISO 9001:

This standard delivered by an independent body, gives evidence of our continuity in our processes which implies that all products are of the same quality, and that our company delivers your level of expectations and satisfaction every time.



Buying a solar water heater is a long term investment, and because our solar water heaters are strong and reliable, we guarantee our products for 10 years.

There is a Sun Ray solar water heater that will suit you!



All Sun Ray solar hot water systems, where the tank is roof-mounted, use the Thermosiphon principle to collect heat from the sun and transfer it to your water. The Thermosiphon principle is based on two naturally occurring phenomena:

- Dark objects absorb heat
- Hot water rises

Sun Ray's collector panels are coated with a dark, heat-absorbent surface. This coating absorbs the sun's rays and heats the water in the collector panel. As the water heats, it rises to the top of the collector panel and into the tank where it displaces cooler water which flows into the bottom of the collector panel where the process is repeated again and again during the day.

Each component of the Sun Ray solar water heater is tested at every step of its manufacturing.

In our roof-mounted solar water heater system, the storage tank is horizontally mounted immediately above the solar collectors on the roof. No pumping is required as the hot water naturally rises into the tank through thermosiphon flow. The storage tank is where the heated water is stored. Our large range of capacities permits us to offer you the best choice for your family's hot water usage. Tanks are available in 7 colours. We will find the right model for you.

Capacities :



SRH 154



SRH 204



SRH 304



SRH 458



SRH 608

Colour range of outer case :



The outer case of the storage tank is made out of colorbond, thus resisting UVs and bad weather for much longer than the average solar water heater.

Specificities :



Unlike most ordinary water heaters, Sun Ray has a Marine Grade stainless steel storage tank providing remarkable durability with minimal maintenance. There is no sacrificial anode as stainless steel does not corrode.

TWIN PIPES SYSTEM™

Our unique TWIN PIPES SYSTEM, allows for an increase of 8% in the volume of hot water in the storage tank as compared to other water heaters.



The tank is reversible to facilitate connection.

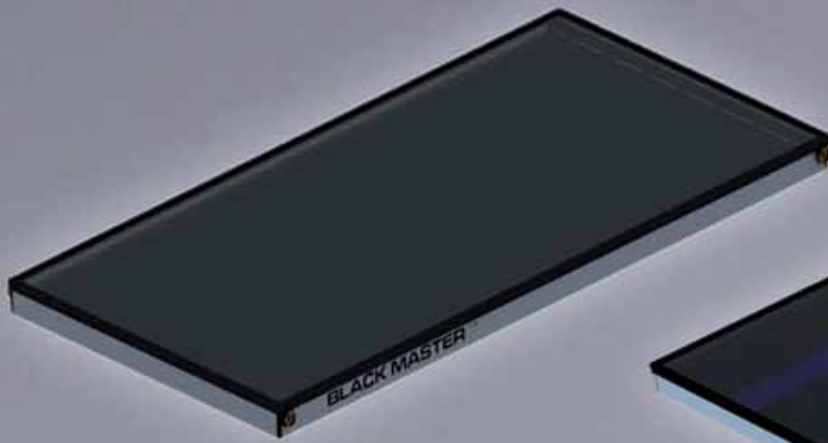
For those periods of overcast weather the Sun Ray models have an economical immersion heater element to guarantee availability of hot water when the sun is not shining. This element is controlled by an adjustable thermostat and will only draw power if the stored hot water drops below the set temperature. A manual override switch will give you total control over its operation.



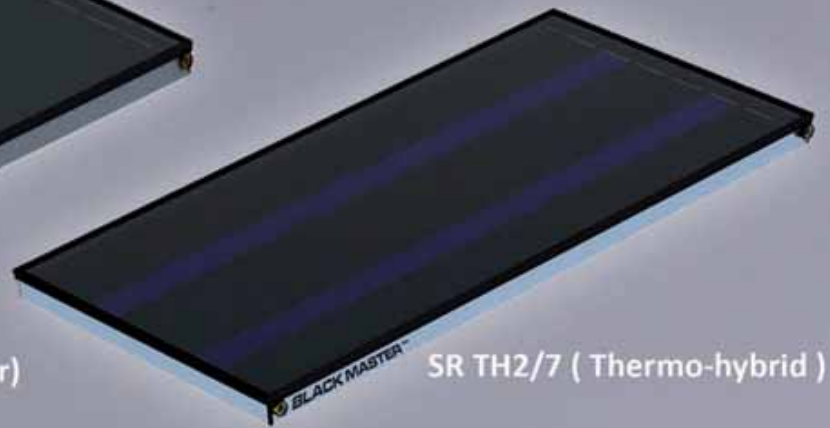
10 year warranty on tanks and 10 year warranty on panels on all our systems.

The high performance characteristics of Sun Ray's solar collector panels mean that they can operate effectively all year round. They have been designed, engineered and manufactured to make the best of every sun ray.

This panel, available in XL and TH, absorbs the energy of the sun to heat the water.

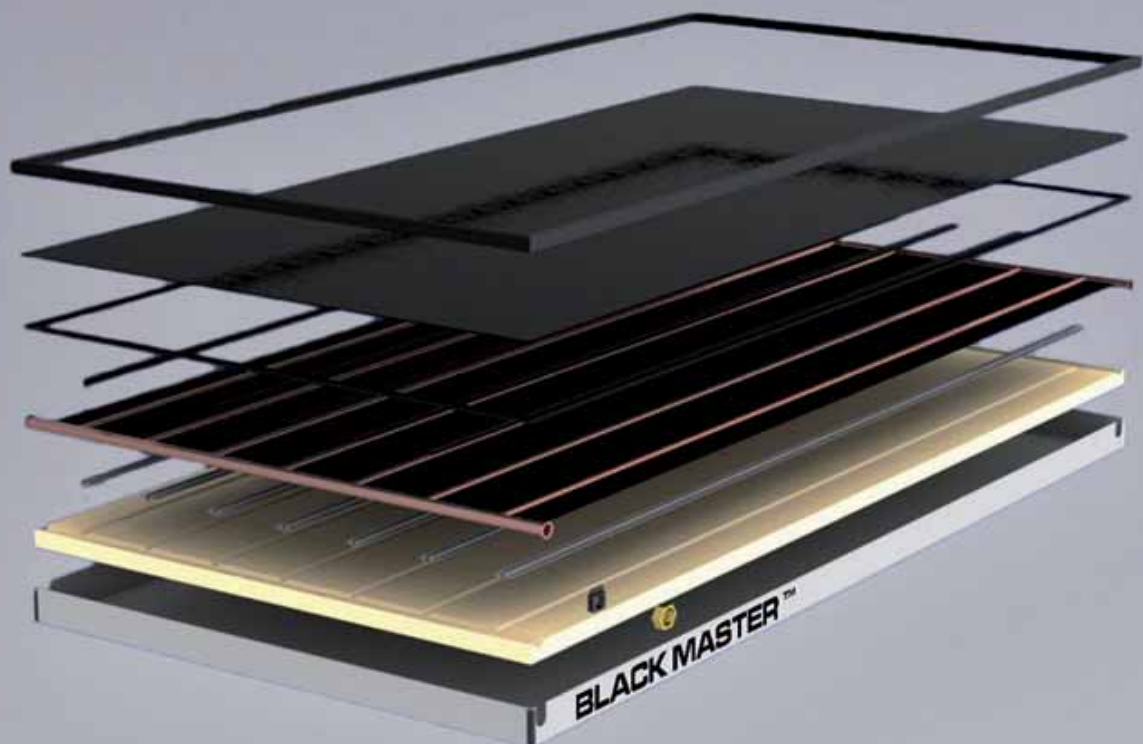


SR XL (Black Master)



SR TH2/7 (Thermo-hybrid)

Our latest panels are engineered with the best material on the market for durability and efficiency. The solar glass, which contains very little iron, is a toughened glass which is extremely resistant and can withstand most weathers and keep the heat on the inside of the panel. The Black Master coated aluminum absorber converts the sun's energy into heat. The circulation grid is made of the best copper available and permits a smooth circulation of the water. The insulation is made of polyester wool and has high heat insulating properties. The box in which all the elements of the panels are layered is made out of aluminium avoiding corrosion.



Technical Characteristics

	Units	SRH 154	SRH 204	SRH 304	SRH 458	SRH 608
Storage cylinder						
Capacity	litres	153	201	300	453	600
Outside dimensions	mm	1200 x 530	1510 x 530	2136 x 530	3106 x 530	4042 x 530
Weight full	kg	176	230	339	509	672
Weight empty	kg	23	29	39	56	72
Solar collectors						
Number of panels	-	2	2	2	3	4
Nominal Surface area	(m ²)	4	4	4	6	8



SR 154XL



SR 204XL



SR 304XL



SR 458XL



SR 608XL

	Units	SR 154XL	SR 204XL	SR 304XL	SR 458XL	SR 608XL
TOTAL SYSTEM						
Number of panels	-	2	2	2	4	4
Dimensions area of roof	mm	1.2 x 2.5	1.5 x 2.5	2.13 x 2.5	3.1 x 2.5	4.04 x 2.5
Weight full	kg	236	260	399	599	792
Weight empty	kg	79	85	95	140	184



All our screws are in marine grade stainless steel.



Warranty

Because our systems are made from the finest and best quality elements following the most stringent method of manufacturing and testing, we are proud to offer as standard, a 10 year warranty on Tank and 10 year warranty on Panels on all our systems.

Sun Ray, around the world


In most regions around the world where the sun shines and there is a need for hot water you're likely to find Sun Ray. Today Sun Ray provides hot water for families in Australia, Asia/Pacific, Europe, Africa, the Caribbean and shortly the USA.




www.sun-ray.fr

Your specialist dealer:



 (+687) 28 42 08

 (+687) 281 281

 export@sun-ray.fr

9 street Isaac Newton
Ducos ZI
BP 4006 - 98846 Nouméa Cedex
NEW-CALEDONIA



www.sun-ray.au

www.sun-ray.nc