

SOLAR- RIPP®

20 Years
Quality

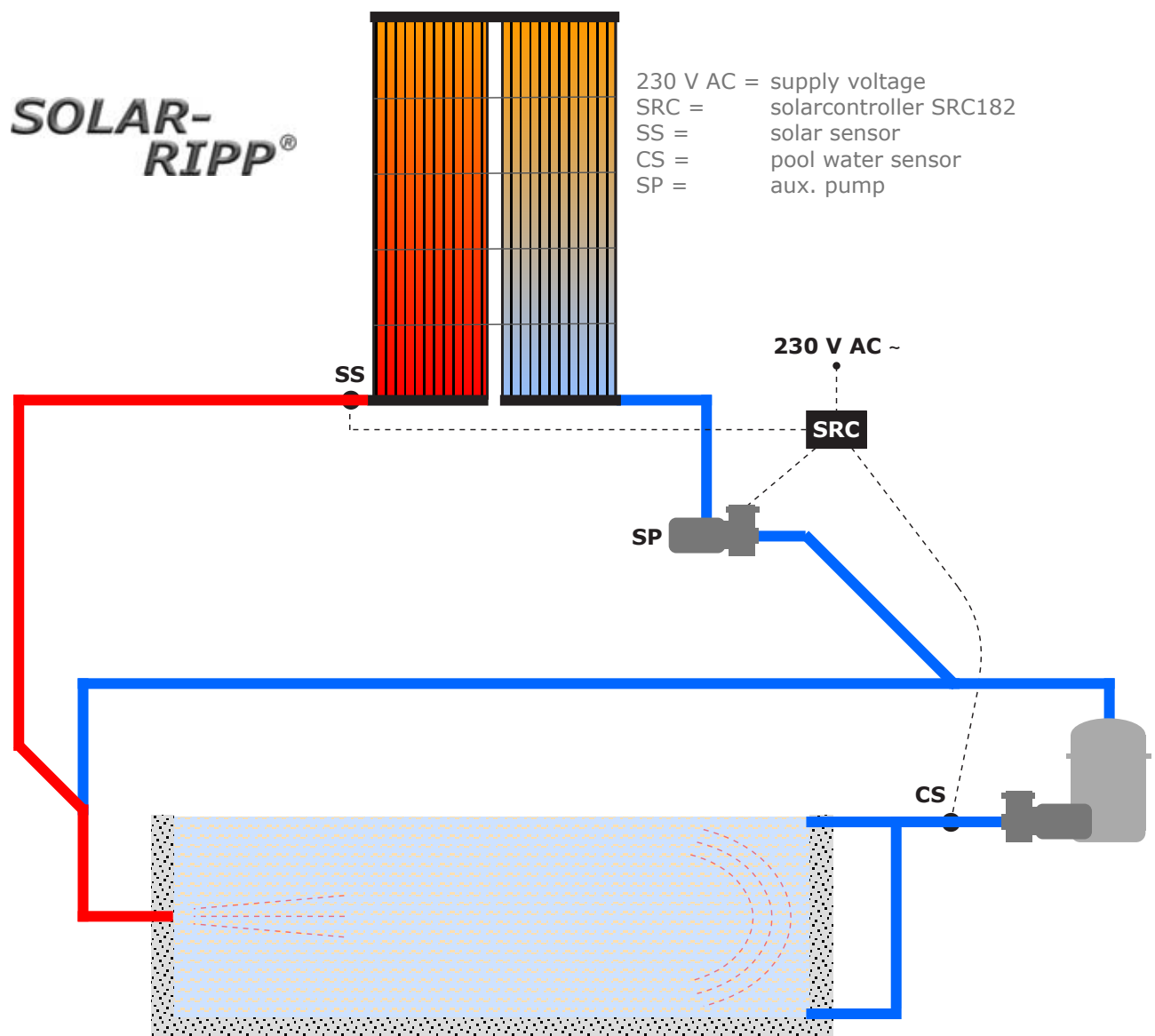
Solar Pool Heater



Solar Poolheating with Absorber Tecnology

A Solar Absorber is made of plastic materials and built like a solar panel but without housing or glass cover. It basically works like a car radiator but the other way round, by attracting as much solar heat as possible with its corrugated tubing and transferring this heat directly to the liquid that is being circulated inside.

In the case of poolheating the pool water is pumped through the absorber. The absorber is connected to the filtration circuit by way of feeder and return tubes. The solar controller - equipped with two sensors - continually compares the pool water temperature with the temperature in the absorber and automatically opens the solar by-pass by switch on a aux. pump when enough temperature difference is given. When the sun stops shining or once the pool has reached the pre-programmed temperature the controller shuts the by-pass operation down.

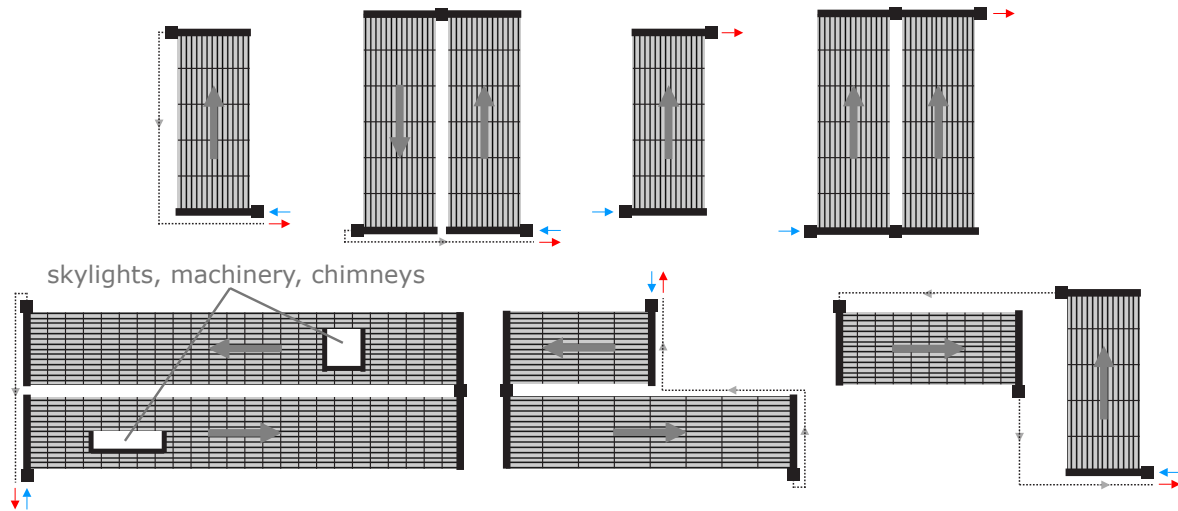


The solar absorber technology is the easiest and most cost effective way of heating a pool due to the optimal relation between pumped water volume and possible temperature rise.

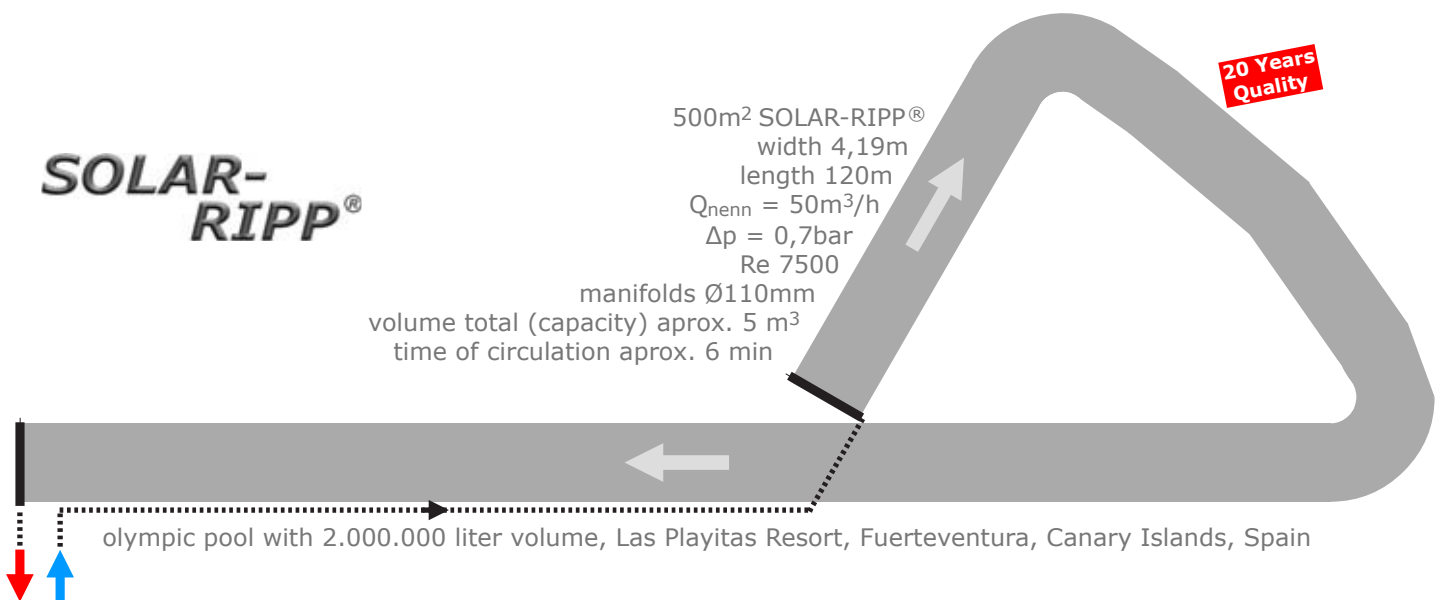
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The SOLAR-RIPP® Absorber

The SOLAR-RIPP® Absorber combines outstanding material qualities with professional hydraulic characteristics and versatility regarding shapes and installation possibilities. The German manufacturer SOLAR-RIPP® does not produce modular absorbers but the necessary components - basically two, i.e. the collector (manifolds) and the ripped solar tube - in order to design absorbers to demand. In this way a big variety of shapes and sizes up to 2.000m² in one piece can be assembled which qualifies this material perfectly for big and complex installations. In order to guarantee optimal hydraulic performance various collector tube diameters are available.

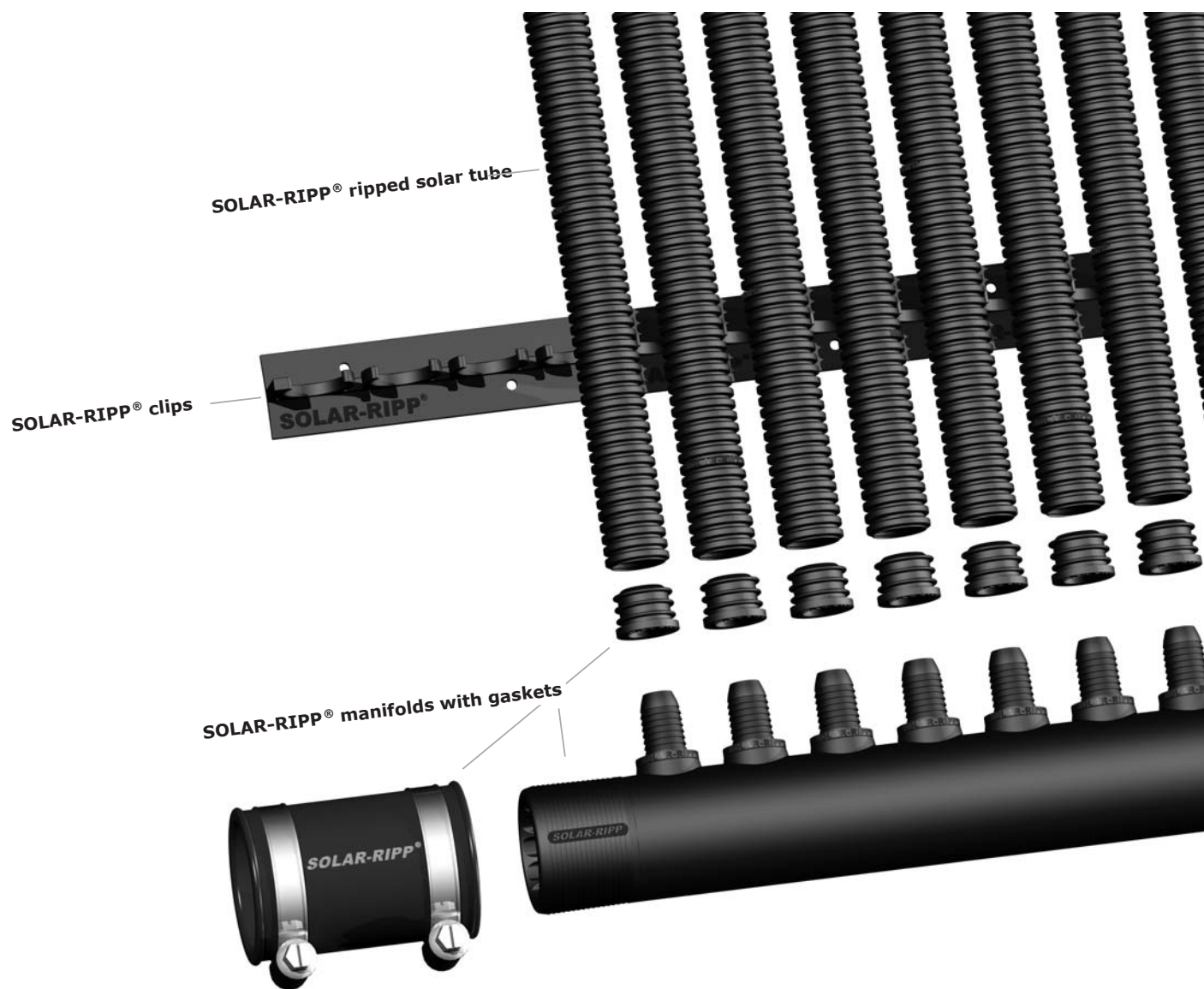


Apart from the classical rectangular design you can build curved, asymmetrical, L-shaped or combined absorbers. You can spare openings for skylights or machinery in the middle of the absorbers and they can be laid out stepped in order to follow jumps in the installation surface.



The fact that SOLAR-RIPP® absorbers can be mounted on horizontal, vertical and inclined surfaces opens a wide range of possibilities. In this way existing surfaces can be optimally used and connecting tubes kept to a minimum. Mounted on a pergola or on a transparent roof the SOLAR-RIPP® absorber will perform as shading material. The practical plug and play system and the tool-less assembly enable changes of shape and size at a later date. The absorber material is resistant to chlorine and salt water, UV-resistant and treadable. In most cases the mounted absorber is hardly visible and it is not prone to wind damage.

Components of the SOLAR-RIPP® Absorber



SOLAR-RIPP® Advantages at a glance

low cost:	aprox. 100 Euros/m ² installed (big installations)
energy efficient:	up to 1.000 kWh/m ² per year
quick installation:	manual assembly
resistent material:	chlorine- and salt resistant, treatable, UV-resistant
big diameters:	optimal hydraulic performance in big installations
flat build:	no visual impact, no problems with wind
proven product:	thousands of installations in 42 countrys world wide
proven system:	climate tested from Africa til Scandinavia and tropics
many years experience:	leading solar absorber product

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low invest (economical system and materials)
+ low running costs (no maintenance, no wear, free solar energy)
+ high quality (up to 1kW/m², extended life time >15 years)
= high rentability (amortization 3-5 years)

<http://store.solarripp.com>

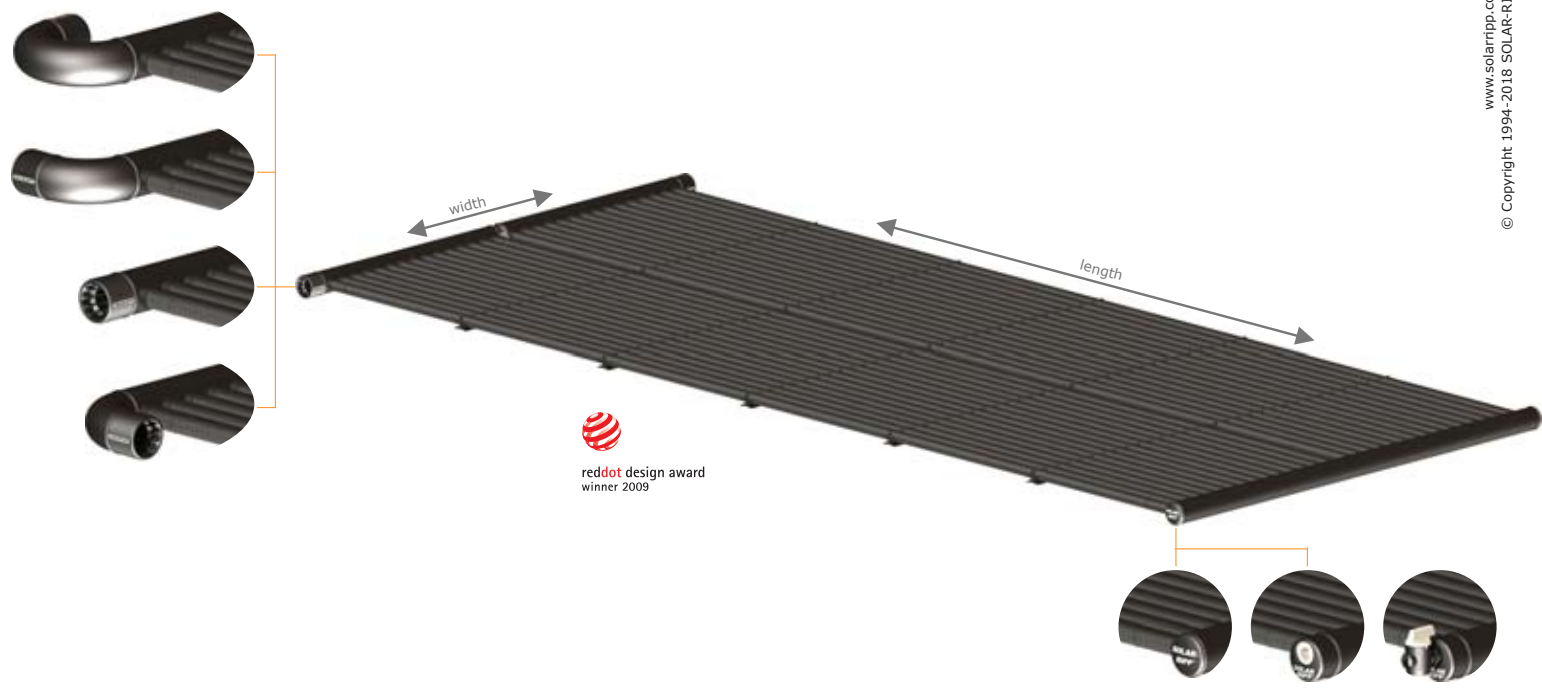


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For further informations please
visit www.solarripp.com
or contact us:

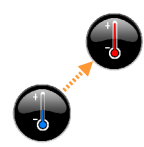
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reddot design award
winner 2009



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