

Polyflex
Sun
Solarabsorber

Bathing fun from spring until fall!

With the Sun Solar Absorber, nobody has to do without the fun of pleasant water temperature even in times of limited resources and increased energy costs.

The simple easy handling guarantees the quick and economical installation for most different pool sizes from private swimming pools up to big community indoor and outdoor swimming pools.

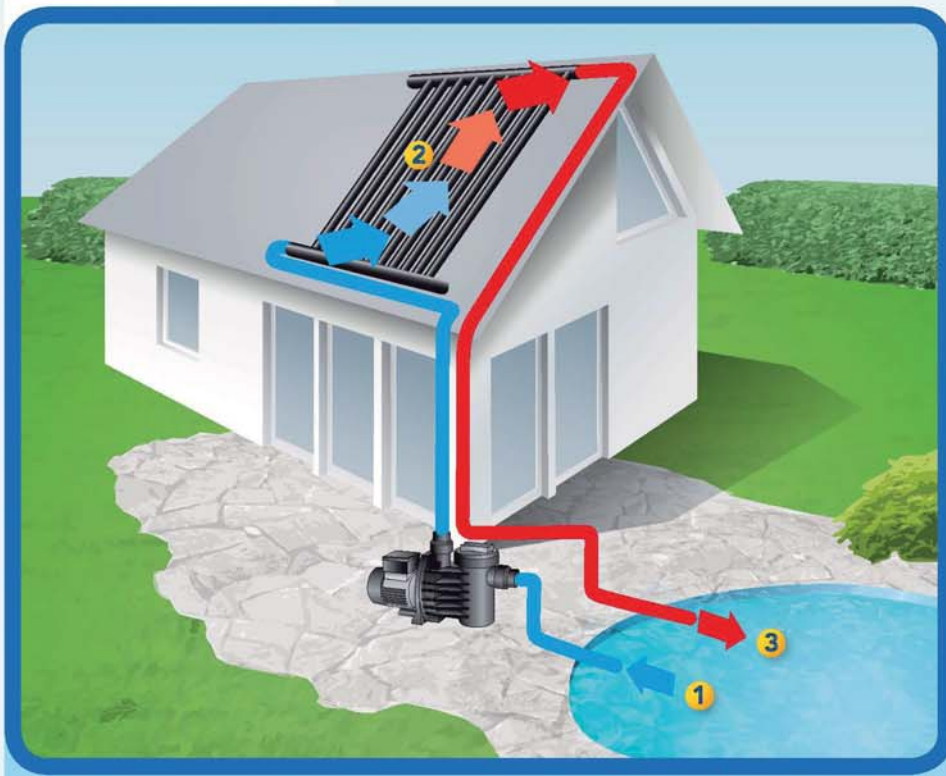
The efficient way to heat the water.

The extremely efficient Sun Solar Absorber with help of the free solar energy heats up the pool and bathing water. Optimal efficiency is achieved through the perfect design of the solar tube, when heating up local pools therefore significantly relieving the municipal budgets. In this manner, communes and municipalities can save a big part of the heating costs for their pools. The amortization time for the absorbers depending upon the design is only 1 ½ to 4 years.

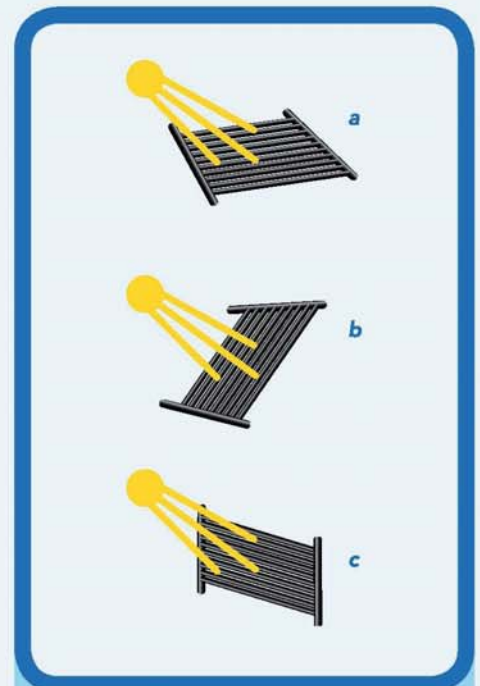
Compared to other systems there are no frost damages, or material bleaching and thus no water discoloration by the Sun Solar Absorber.



The Sun Solar Absorber is designed for long-term use, with a 10-year guarantee for the solar tube. The system is already in use since 30 years. The tubes are made of PP-copolymer material.



- 1 The water is transported through the filter unit to the Sun Solar Absorber.
- 2 The water flows through the Sun Solar Absorber and is warmed up by the sun.
- 3 The heated water is routed back into the basin.



- a Mounting on flat roofs, garages, carports etc.
- b Mounting on slanted roofs (pent or saddle roofs)
- c Perpendicular mounting as an energy fence (detached or against a wall or house wall)

Flexible for every pool size

Simple installation, low energy expenditure for the water circulation, low maintenance design: Perfect fields of application for the Sun Solar Absorber are private swimming pools or pools, as well as outdoor and indoor swimming pools or thermal baths. The Sun Solar Absorber can also be coupled with heating pumps.

The Sun Solar Absorber is available as a kit in three prefabricated sizes as well as in individual sizes. A shadow-free orientation to the south is optimal. If the direction differs around 30 %, the absorber area must be 10 to 20 % larger in order to achieve the same effect.

Rule-of-thumb for the absorber area

For covered basins applicable:
60 to 70 % of the basin surface is needed as absorber surface.
For not covered basins applicable:
More than 70 % of the basin surface is needed as absorber surface.

The advantages at a glance

- + High heating performance
- + For flat and slanted roof
- + Low weight
- + No disassembly in the winter
- + High CO₂ savings
- + 100 % recyclable
- + Marten bite resistant
- + Environmental friendly system
- + Load resistant
- + Chlorine- and salt water resistant
- + Operates with natural solar energy
- + UV-resistant
- + Low wind load
- + Short amortization time
- + 10 years guarantee for the solar tube

Are you interested?
Then contact us:

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