

solar panels

FOR SWIMMING POOLS

Effective, Environmental & Economical

Solar Heating for Swimming Pools

Introducing Heliocol solar panels in the Algarve.

Since 1977 Heliocol has manufactured the highest quality solar pool heating system in the world. Over 200.000 customers worldwide enjoy a longer swimming season with free heat from the sun. Heliocol maintains its position as the worlds largest manufacturer of solar pool heating systems by offering customers unsurpassed value.

Solar Pool Heater Benefits:

- Extend your swimming season
- Average temperature rise of up to 5-10°
- Have no operating costs
- No pollution, no fuel needed
- 10 Year warranty
- Quick and easy installation
- Minimal maintenance required
- Solar panel material is guaranteed not to cause pool discoloration
- Can sustain hurricane force winds to 180 mph (290 km/hour)



You can enjoy an extended or even year around swimming season while dramatically reducing or eliminating their pool heating expenses. Providing your family with a cost-effective and environmentally conscious way to keep your pool warm and inviting even during the winter months.

From Olympic Games to the backyard pool, Heliocol systems are found everywhere.

David and Amanda Mitchell

www.iberiablue.com

“Dear Dave & Amanda, and all the crew at Iberia Blue, I would just like to tell you what a huge difference having solar panels has made to our lives. We have two children and I honestly have to say that before solar panels, our pool was the coldest I have known. It was like stepping into a freezer, due to it not getting the sun all day. Now, the kids can't wait to get in the pool as it is beautifully warm. The good thing about the panels is that there are no ugly things visible from your roof and you can adjust the thermostat as to what temperature it kicks in, so is effective all year round. . I would say if you have kids, having either is a must!! ”
Thank you again, Emily, Tony, Chloe & Jason, Portugal

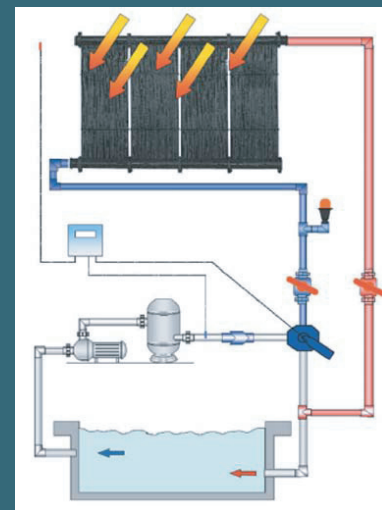
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How Does the Solar Panel Work?

- 1/ By means of the existing pool pump, pool water is directed via a controlled motorized valve to the solar panels.
- 2/ Pool water enters the solar panels at the bottom and rises to the top through individual tubes of the panel.
- 3/ The solar energy heats the water as it flows through the panel.
- 4/ The heated water then returns to the pool and its cycle is repeated until the pool has been sufficiently warmed by the sun.
- 5/ The solar heating process is fully automatic using temperature sensors and a differential controller.



Over-Moulding Injection Technology

"One of a kind" injection process that connects the riser to the manifold header to create a panel which is literally a single piece of plastic.

Individual Tube Design

Minimizes wind effects on the panel and creates extreme mechanical stability.

Spacer Bars

Prevent distortion of the panel over time, and the abrasion of the riser tubes due to thermal expansion of the panel.

Modular Structure

Enables fast and firm connection between panels, to create any desired absorption area over any roof type.

Cylindric Shape

All parts are rounded, with no sharp angles, in order to avoid stress concentration or risk of bursting at high pressure.

Fins

Provided added strength to the unit while preventing differential thermal expansion and distortion of the system.

Specially Formulated Material

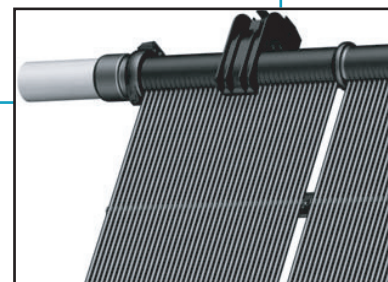
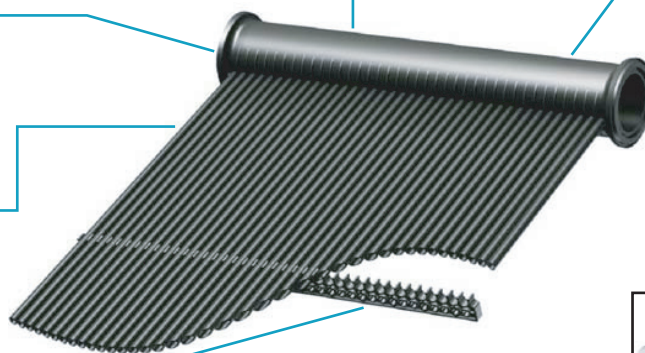
Tested in authorized labs, and proven to be stabilized against the effects of sustained UV radiation, extreme weather conditions and aging.

Alligator Clamp

Firmly mounts the panels on any roof type with minimum roof penetration.

Parts and Fittings

All plastic made, for simple connection between panels and standard plumbing pipes.



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