

Solar Pool Heating Systems

Enjoy your swimming pool for much more of the year !

kappa

K system

sigma

Σ system

omega

Ω system

We have developed three 'pre-designed' **Solar pool heating systems** to heat your pool so you can enjoy swimming during cooler parts of the year.

Our systems are capable of increasing the temperature of your swimming pool by up to 12°C and enable you to enjoy your investment for up to 10–11 months of the year*

The Systems

At the heart of these systems are Thermal Solar Panels which form a glazed array of solar collectors. The black coating on the panel collector, together with the unit being encased in glass ensures that even when outside temperatures are low with high winds, the systems will still continue to heat the pool.

Our systems comprise of a 'primary heating circuit' which circulates a glycol solution at a high temperature through a 'closed loop' unit heat exchanger. This stops the system getting clogged with dirt which is one of the weaknesses of

inferior black plastic pipe systems. The heat exchanger then transfers the heat back to the pool thereby ensuring an increase in temperature.

All of the heating is controlled by an array of valves and an electronic system controller.

Installation can take as little as 5 days and is typically completed with the minimum of disturbance, as what work can be done off site, will be done off site – We know you care for your pool and gardens and we do too!!



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Pool Area and Panels

Typical Dimensions of Pool (m)
No. Thermal Solar Panels Required

8x4 (32m²)
6

9x6 (54m²)
10

12x6 (72m²)
14

...And we also offer...

A custom design solution in addition to the these 'prepackaged' systems; for pools outside of the specified sizes, and/or with special requirements.

* depending upon climate