

BE SMART ....BUY SOLAR !!!

THINK DIFFERENTLY...INSTALL SUSTAINABLY

## **Solar SPA-Pool Heating : heating water by the sun**

Increase the temperature of your spa-pool to 35-40° Celsius by using free solar energy. Solar pool heating is worldwide the most cost-effective application of solar energy because of low capital cost and short pay-back time.

The pleasure of solar powered spa-pools can be enjoyed for more than 8 months in New Zealand.

We have developed a complete solar package to heat your spa-pool with solar energy. Savings on heating and pumping will be realised in a fully automatic way without using electricity to reduce your daily energy bill with 2-3 \$/day.

The Spa-pool package consists of following components:

- Unglazed, polyethylene absorbers for hot water production: 4 units
- Solar differential controller on DC and temperature sensors
- Solar power PV panel type crystalline: 1 unit
- Solar DC pump for hot water transport



DC pump



Solar PVpanel



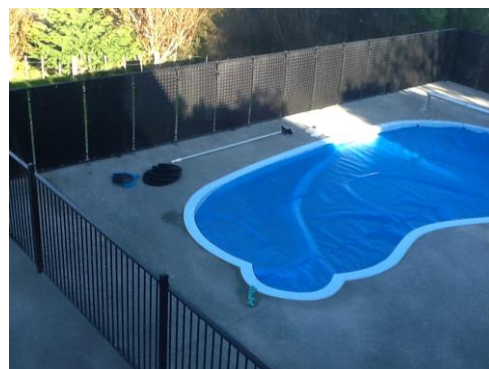
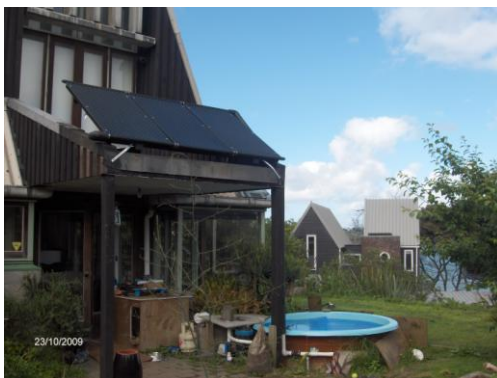
Solar absorber



Solar controller DC

Description of solar absorbers for hot water

- High efficiency absorber with low pressure drop
- Moulded in one piece - homogeneous black
- Non-corroding and resistant to swimming pool water
- Weight approx. 6 kg/m<sup>2</sup>
- Efficiency up to 80 %- 0.8 kWh/m<sup>2</sup>
- Easy and simple installation
- Pool water pumped direct through absorber
- TUV certified in Europe



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