



solar heat your swimming pool and extend your swimming season

thermopools > leaders in pool solar heating

specialising in providing luxuriously warm swimming pools,
solar heated with Thermotube technology

*floating
through warm
summer days*



WHAT DIFFERENCE DOES THERMOPOOLS MAKE?

How much longer does solar heating extend the swimming season?

Below is an extended season chart which shows the seasons and temperatures. Results may vary depending on weather conditions, size of collector area and volume of water, however the temperatures in **RED** are a guide of what you could expect from Thermopools solar heating and the approximated temperatures in **BLUE** are pools with no heating systems.

SOLAR HEATING 24 26 28 30 32 32 30 28 26 24
NO SOLAR HEATING 24 25 26 25 24



June
July
August



September
October
November



December
January
February



March
April
May

winter spring summer autumn

What does an extended swimming season mean?

- 24°C** = Good for exercise and very refreshing
- 26°C** = Perfect for laps and play
- 28°C** = No coolness left . . . great for a midnight swim
- 30°C** = Warm and so relaxing
- 32°C** = As warm as a bath

ALL ABOUT THERMOPOLS

Why is Thermotube superior to strip systems?

Unlike loose strips, **Thermotube are not glued to the roof.** No dust or moisture is trapped and no harmful environment is created since the individual tubes are held by a weft. The weft represents the same to the tubes as the railway sleepers to the rails. Just one mechanical fastener every half a metre at the top of the system will ensure that the panels are secured to an extent that **withstands a wind storm.**

Thermotube technology provides a **factory welded joint** between the PVC pipes and PVC absorber. This is like welding except it is made with chemicals, heat and adhesives achieving a seamless panel. This is a **unique process unlike other systems** which only push their connectors together on the roof. These joints often fail and leak. Our unique panels have 80 tubes in every square metre which is approximately **33% more** than most other systems. (Based on a 60 tube/sqm system) These tubes have an 8mm external diameter which was recommended by the CSIRO in 1975 as being the most efficient size for the Australian conditions. Thermotube collector panels are designed in such a way that allows the sun to heat the absorber from the surface and the underside via reflection. This all adds up to a **greater efficiency rate of around 45%.**

Obviously, not all systems are the same. There are differences in efficiency, reliability and the ability to integrate with the structure and surface it is installed on without damaging it.

Our design eliminates the need for crude methods like gluing loose strips to roofs. Consequently the roof is not permanently marked and the collector tubes are not interfered with, so they can still expand and contract freely. The fastening is reversible, if servicing of the roof is needed. If you accept a cheap strip system you have to be prepared to make massive concessions. Just read the guarantee fine print.

What are Thermotubes made of?

Thermotubes are made of **super vinyl** developed by SVP industries and first manufactured in 1975. This type of material is used for pool plumbing and pressure pipes in your pool and variations of it are used in house cladding and similar application where **durability** and the ability to withstand the harsh Australian environment is the priority. It is proven to be **totally impervious to any chemicals** used in water treatment. The tubing material was developed for the purpose of solar heating employing the **newest technologies available in UV** stabilisation. Our panels have been recorded to last as long as 20 years. Thermo Pools has heated thousands of swimming pools including commercial pools. The shortcomings of a conventional strip system have become apparent. They are no longer considered at this level of engineering.



PERFORMANCE AND WHAT OTHERS SAY ABOUT US

How does Thermotube perform?

Thermotubes always run from gutter to ridge cap, allowing the morning and afternoon sun to **strike the full diameter of every tube** (Unlike strip systems which has a web that restricts sunlight from reaching parts of the tube). Pool water is then pumped through the black tubes while the sun is heating them. Other systems have long strips along the roof which loop back. This is cost effective but bad engineering.

Testimonials

- It is only just October and we are already enjoying the benefits of a lovely warm pool. We would like to thank you for the professional manner in which you dealt with our concerns. **Julie & John Nicholls**, Castlehill Sydney
- It is seven years since our automatic Thermotube solar pool heating system was installed and we are totally satisfied with our investment, the professional service and product function. The Thermotube system has given us valued extended swimming seasons in comfort on a trouble free operation basis. Also our pool blanket and roller system assists in reducing the heat losses. I would recommend Thermopools and your workmanship. **Ray Smith**, Miranda
- We found Thermopools delivered all they promised and more. The solar heating system has been maintenance free since the day it was installed and Thermopools and their staff were outstanding with punctuality and professionalism. We are so happy with the results that we have highly recommended them to our friends who are also enjoying the benefits. **Dr Tang**, Glenhaven Sydney
- As a practitioner who specialises in water therapy, it was a necessity to have my large pool heated to get maximum use. Adding solar heating has added around 4 months extra usage and enabled our young grandchildren to improve their swimming without the fear of cold water. It also allows us to swim in the early mornings and late evenings. I did my research and chose Thermopools because of their quality product, value for money and their guarantee against wind damage. They transformed our summer lifestyle of outdoor living to the maximum. **Rhonda Thompson**, St Ives

How does the system work?

The system is controlled by a digital controller



INSTALLATION AND WARRANTY

Would like to know more?

Thermo Pools will come to your home to provide you with a computer generated analysis of your location, position and other factors which will influence the dimensions of the absorber required on your roof. We also print a quotation on the spot obligation free.

Installation

Thermo Pools fully trained employees will install your new solar heating system safely and professionally, ensuring a neat and aesthetically pleasing installation. Thermotubes unique design allows our heating panels to be installed on any type of roof including pitch, material and shape.

Our 15 year comprehensive warranty

You will be provided with a full copy of our comprehensive warranty on enquiry or with your quotation.

have more fun



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- Email
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