

DIY THERMAL SOLAR POOL HEATING KIT



EASY TO
INSTALL



SWIM
LONGER



LOW RUNNING
COST



ADAPTS TO
ALL ROOFS

AVAILABLE THROUGH

POOL & SPA
WAREHOUSE

BOSSTM
SOLAR

MAKE THE MOST OUT OF SUMMER

WITH A DIY THERMAL SOLAR POOL HEATING KIT!

Install a DIY Thermal Solar Pool Heating Kit by Boss Solar and experience more fun, entertainment and relaxation this summer! Used in Australia for over 40 years, our solar pool heating systems are a reliable, cost effective and versatile heating option. Our highly efficient DIY kits can double the normal swimming season and increase water temperature by more than 10°C, turning your pool into a private oasis.



SIMPLE TO
INSTALL



NO SPECIALIST
SKILL OR TOOLS



HOW TO VIDEOS
& INSTRUCTIONS



WHAT'S IN EACH KIT?



SOLAR COIL KIT

6x TufMan 10:1 Manifold

100x Rigid Collars

20x Tapered Joiner Barbs

1x Prosil Silicone Adhesive

12x UV Resistant Cable Ties



SYSTEM KIT

1x Counterbore Tool for Tufman 10:1

8x EzyClip Pipe Support (Black)

12x Saddle Clip (Black)

1x VacRel Vacuum Relief Valve

1x In-Line Solar Pressure Gauge

1x Silicone Spray Lubricant

1x Drain Down / Equaliser Kit

Take 1 with each Solar Coil required

Take 1 with each complete system

HOW TO SIZE YOUR SYSTEM

Our DIY Thermal Solar Pool Heating Kits are easy to install and don't require any specialist skills or tools. To size your system, simply please follow the steps below:

1. Determine the surface area of your pool (length x width)

Need more help? Ask your Pool & Spa Warehouse representative for assistance.

2. Choose your desired coverage

Coverage	Performance	Formula
100% (minimum)	Industry recommended coverage	Pool Surface Area x1
120%	Reach your target temperature a little faster	Pool Surface Area x1.2
150%	Kick your heating into high-gear and make the most of those	Pool Surface Area x1.5
200%	Supercharge your heating with maximum solar coverage	Pool Surface Area x2

Example: If your pool has a surface area of 30m² and you'd like 150% coverage, your calculation would be: **30 x 1.5 = 45**

3. Determine how many solar coils you will require by dividing the above result by 4 (each solar coil is 4m²)

Example: Using the example above, you would divide 45 by 4, so **45 ÷ 4 = 11.25 coils**. Systems are sold in 4m² coils, so you will need to round up to the nearest 4m²: **Round 11.25 up = 12 Solar Coils**

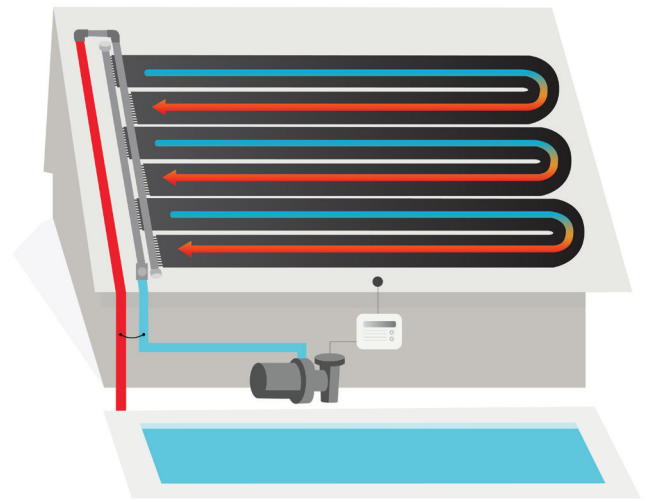
4. Check you have enough roof space

System installation is dependent on there being adequate roof space available. That is, the selected roof space/s must be no less than the system size. Roof orientation can be North, West, East, or a combination of all.

Example: The above system requires **12 Solar Coils**; therefore, the system is **48m²**. You must have at least **48m²** of roof space available on an appropriately oriented roof/s. Need more help? Ask your Pool & Spa Warehouse representative for assistance.

5. Ready to go? please grab your required number of solar coils, an equivalent number of solar coil kits and one system kit

Example: Our example system would require 12 x Solar Coils, 12 x Solar Coil Kits and 1 x System Kit



HOW DOES IT WORK?

Thermal Solar Pool heating is the most cost-effective and sustainable way to heat your pool. The process is very simple, pool water is pumped through a series of tubes (known as a solar collector) which is installed on your roof.

The sun's energy heats the solar collector, which in turn heats the pool water circulating through them. This water is then returned to pool at an elevated temperature.

The system can be automated by installing a Digital Solar Controller which will monitor

both the pool and roof temperature and automatically switch the system on at the right time to maximise heating efficiency and effectiveness.

You can even set your perfect pool temperature and allow the controller to do rest.



**EASY TO
INSTALL**



**SAVE
MONEY**



**SUSTAINABLE
SOLUTION**



**AUSTRALIAN
MADE**

Scan the QR Code to Access & Download the Installation Manual



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