

SolarMat

by turan

Solar Pool Heating

Want to make your
Summer
last longer?

Install a SolarMat
Solar Pool Heating
Starter Kit



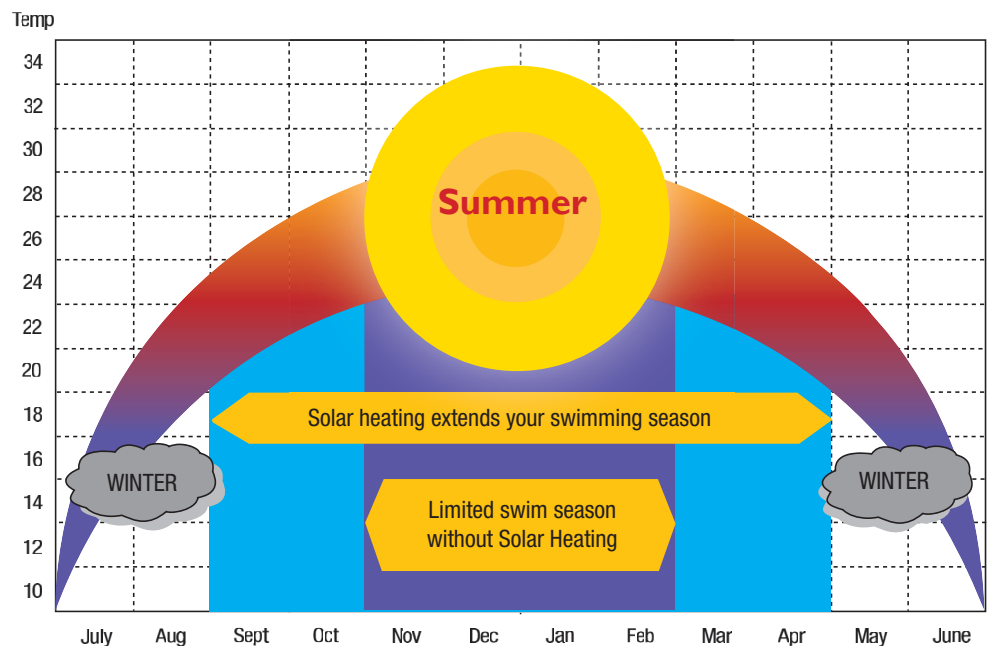


Solar Pool Heating Starter Kit

THE COST TO HEAT A POOL USING SOLAR HEATING IS VERY ECONOMICAL.

The new **SolarMat** Solar Pool Heating starter kit allows you to install your very own, efficient swimming pool heating systems economically. This kit is ideal for DIY installation. Follow the easy step by step instructions in our installation manual and you will start enjoying all the benefits of a longer swimming season.

SolarMat Solar Pool Heating System - Performance Chart



SIMPLICITY

A **SolarMat** Solar Pool Heating starter kit is a simple way to heat your swimming pool and can be added onto at any stage. Simply pump water up through the 10 channel Solar Absorber panels on to your roof, the water heats up using the free heat from the sun which is then returned back to your swimming pool as warm water.

THE SOLARMAT ADVANTAGE

- **SolarMat** Solar Heaters are eco friendly using clean energy from the sun.
- **SolarMat** Solar Pool Heating starter kits can double the amount of time you can comfortably swim in your pool adding real value to your pool and home.
- **SolarMat** Solar Pool Heating starter kits pay for themselves in a very short period of time depending on the operation and where it's installed.
- **SolarMat** Solar absorber panel rolls are made using the latest technology in Thermoplastics.
- **SolarMat** Solar Pool Heating Systems are more cost effective than traditional gas, electric heaters, and heat pumps.

COMPONENTS FOR A SOLARMAT SOLAR POOL HEATING STARTER KIT

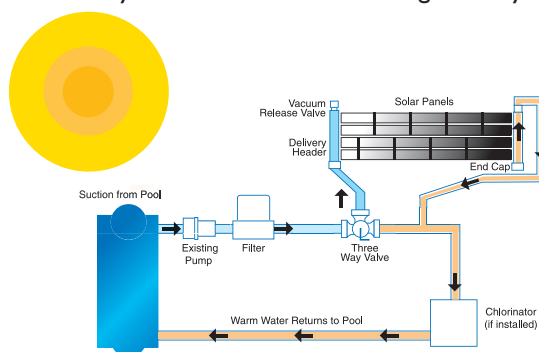
There are 3 simple ways to install your **SolarMat** Solar Pool Heating starter kit to your pool

1. BASIC SOLAR POOL HEATING SYSTEM:

Using your existing pool installation including your filter and pump you can cut into the plumbing using the valve kit to run the solar system in manual operation. This is an ideal budget Pool Solar System and is suitable for single storey applications. **MANUAL OPERATION ONLY**

Components Required:

- Solar Panel Rolls x 3 (3.75 s/mtrs coverage per roll)
- Header kit (24 pcs)
- Valve kit (5 pcs)
- Tile roof straps (80 pcs per carton) or,
- Tin roof straps (4 pcs per carton)

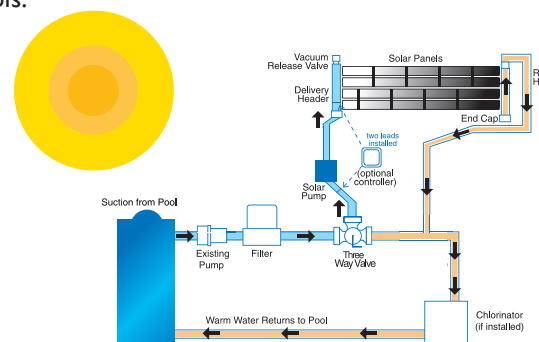


2. BOOSTED SOLAR POOL HEATING SYSTEM:

As with a basic solar pool heating system you utilise your existing pool installation including your pump and filter. There is also a solar controller option to automate the solar pool heating of your swimming pool. The boosted Solar Pool Heating System uses an extra pump to raise the water up to the roof and into the Solar Pool Heating absorber panels and back to the pool via the existing pool return line. This is also called a filtered water system and is an excellent type of system for larger installations above 30 s/mtrs and two storey roofs.

Components Required:

- Solar Panel Rolls x 3 (3.75 s/mtrs coverage per roll)
- Header kit (24 pcs)
- Valve kit (5 pcs)
- Tile roof straps (80 pcs per carton) or,
- Tin roof straps (4 pcs per carton)
- HY-CLOR Solar Boost Pool Pump
- Solar pool controller (optional)

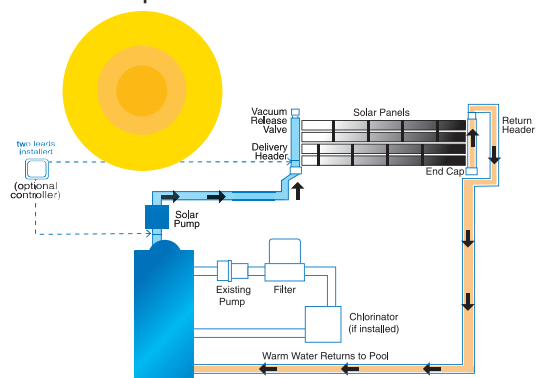


3. SEPARATE SOLAR POOL HEATING SYSTEM (INDEPENDENT):

The separate or independent Solar Pool Heating System is designed to operate completely independently from your swimming pool equipment. The independent system can only be installed if you have provisions already in your swimming pool. This would be a separate suction point from the pool and a separate return line for warm water return to the pool. This system also requires a separate HY-CLOR Solar Boost Pool Pump.

Components Required:

- Solar panel rolls x 3 (3.75s/mtrs coverage per roll)
- Header kit (24 pcs)
- Valve kit (5 pcs)
- Tile roof straps (80 pcs per carton) or,
- Tin roof straps (4 pcs per carton)
- HY-CLOR Solar Boost Pool Pump
- Solar Pool Controller (optional)



THINGS TO CONSIDER

You may need to increase the amount of absorber Panel rolls depending on the size of your swimming pool and the position of the roof where you intend to install the **SolarMat** Absorber Panels. Local climate and wind conditions also need to be taken into consideration. Please note that a north facing roof is ideal for solar pool heating systems followed by west then east facing roofs. We do not recommend south facing roofs for solar pool heating. To maximise the effectiveness of the **SolarMat** Solar Pool Heating starter kit and enjoy even more swimming time in your pool we recommend you install a HY-CLOR Pool Blanket.

WE DO NOT RECOMMEND INSTALLATION ON ROOFS ABOVE A 30 DEGREE PITCH.

ADDITIONAL INFORMATION

- You may wish to purchase multipurpose silicon to hold down the Solar Absorber Panel especially in high wind areas. This is in addition to the straps already provided in the kit.
- You will require UPVC class 9 or 12 pipes, fittings and glue to complete the installation. (REFER INSTALLATION GUIDE)
- The valve kit will give you all the valves required to install your **SolarMat** Solar Pool Heating starter kit
- Basic design lay outs of Solar Pool Heating Installations are provided for in this brochure, if you have any special needs regarding the way to install your **SolarMat** Solar Pool Heating starter kit please contact us for help on 1800 625 123 or your local stockist.

OPTIONAL ITEMS

- HY-CLOR solar boost pump
- HY-CLOR pool blanket
- **SolarMat** automatic solar controller
- Repair kit

WARRANTY INFORMATION

SolarMat Pool and Spa Products offers a ten (10) year warranty on the solar panel rolls. A one year conditional warranty is provided on all other products supplied as part of the **SolarMat** solar kits unless otherwise stated in individual product warranty terms and conditions.

WARNING

Please ensure that all reasonable precautions and safety devices are used when installing this product. Identify any potential risks such as power lines and roof pitch before commencing any work on roofs. DO NOT install this product in high winds or rainy conditions.



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