

40 years of proven experience,  
installed in more than 400,000  
swimming pools in over 50 countries:



## Magen eco-Energy

The largest international  
manufacturer of solar pool  
heating systems in the world

[www.mageneco.com.au](http://www.mageneco.com.au)

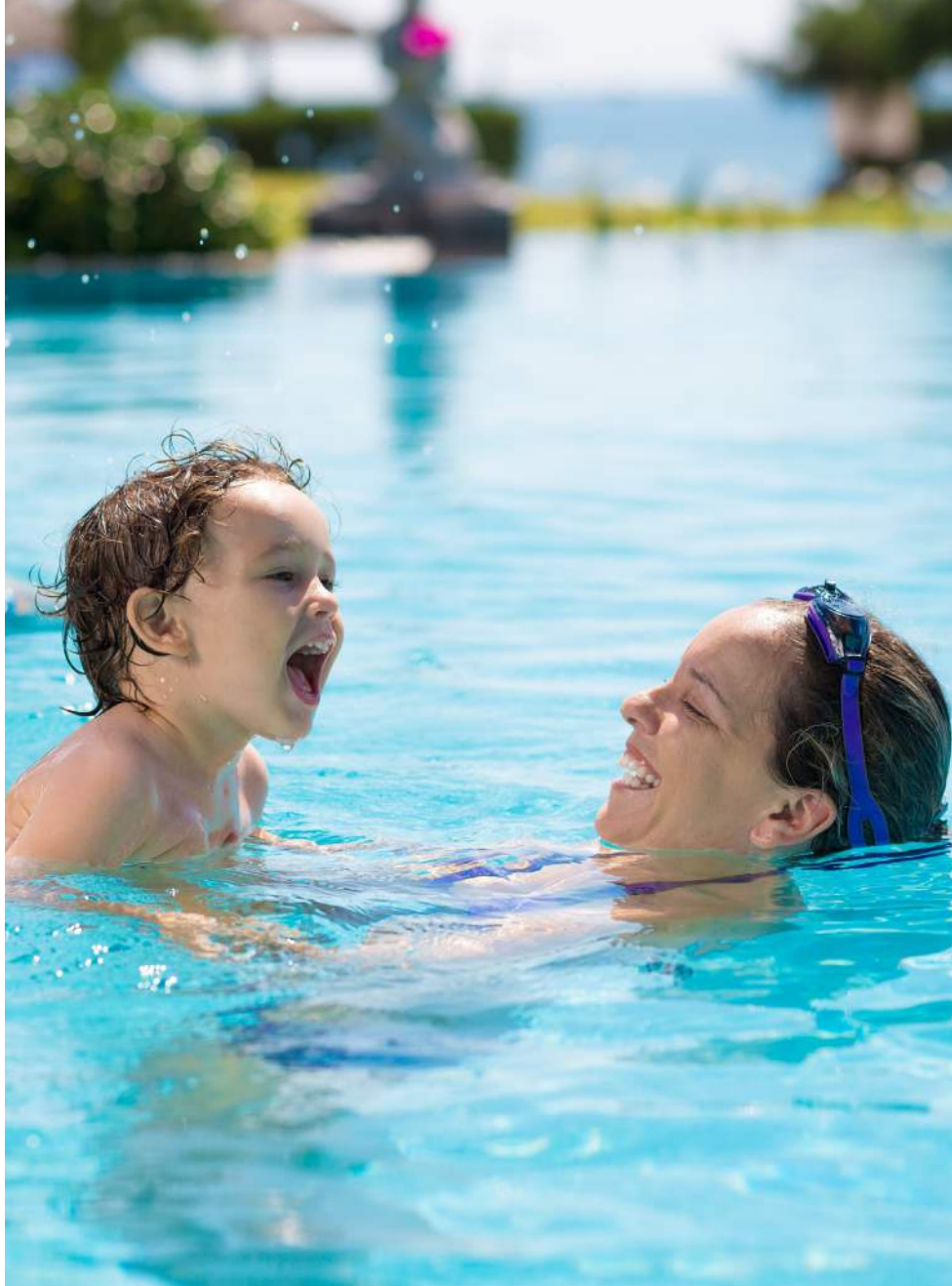
# ENHANCE YOUR LIFESTYLE

## Extend Your Swim Season with a Heliocol Solar Pool Heating System!

Heating your pool with Heliocol solar panels is a sound investment in your home, health and lifestyle.

Using free solar energy, Heliocol extends your swim season allowing the entire family to enjoy more time in the pool. "The Heliocol Solar Experience" makes morning exercise, afternoon pool parties, and even late-night swims possible for many more months of the year.

Heliocol systems have been known for their design excellence with a proven track record for efficiency, reliability, and safety.



## Benefits of Heliocol Solar Pool Heating:



### Great Money Saver

After your initial investment for installation and materials, Heliocol will typically pay for itself within three years.



### Durability and warranty

Backed by a 25 year limited warranty, Heliocol is designed to withstand harsh weather conditions



### No maintenance

Heliocol Solar panels require no recurring maintenance



### Eco-friendly

Solar pool heating systems leverage the sun's natural energy to warm your pool, emitting no air pollution and reducing your carbon footprint in the process!

Certified by all major international standards:





## ENGINEERED FOR LIFE

Heliocol solar pool heating collectors are constructed like no other, designed to give you efficient energy with minimal maintenance. Unique design characteristics and innovative engineering make Heliocol the best solar pool heating system available, balancing design, excellence and durability.

### 1 Over-Moulding Injection Technology

One of a kind injection process connects riser tubes to the manifold header creating a single polymer panel with no leaks.

### 2 Individual Tubes

Minimises wind effects on the panel and creates extreme mechanical stability.

### 3 Spacer Bars

Prevent warping of the panel over time, as well as protect the riser tubes from abrasion due to thermal expansion of the panel.

### 4 Panel Clamps, Parts & Fittings

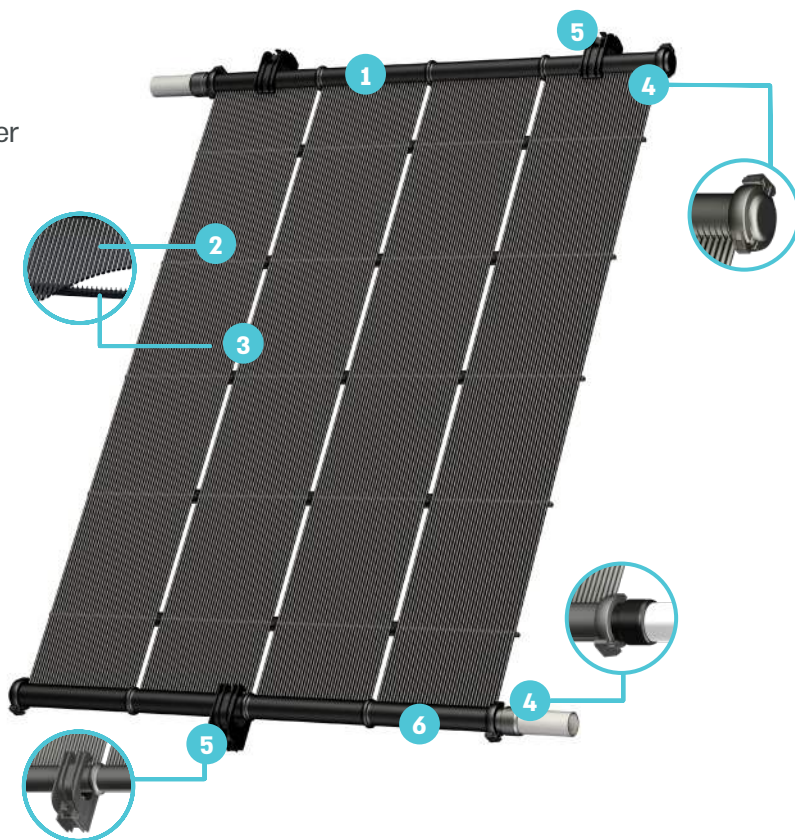
Patented panel clamps and all-polymer parts create a simple connection between panels and standard plumbing pipes, eliminating rubber hoses and metal clamps that require regular rooftop maintenance and replacement.

### 5 Mounting Unit

Firmly mounts the panel to any roof type with minimum roof penetration.

### 6 Open Flow Design

Each and every individual tube opens into the header, increasing flow and virtually eliminating backpressure, saving wear and tear on pool pumps.



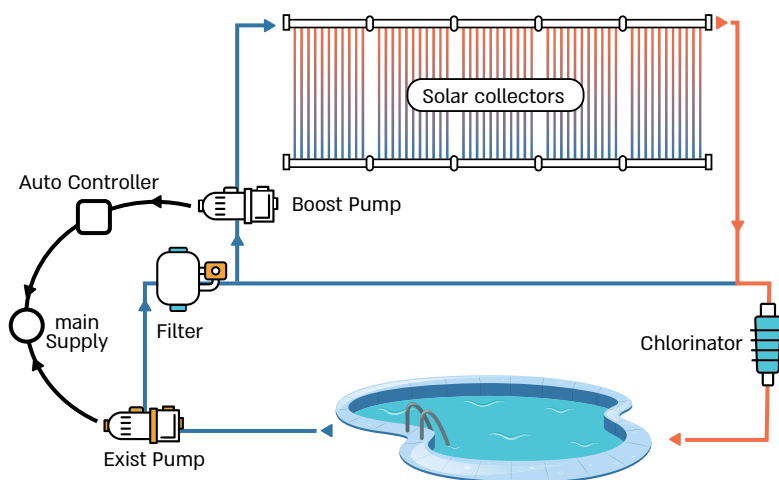
## DIMENSIONS & DESIGN PARAMETERS

Specifications	HC26	HC30	HC38	HC40	HC50
Length	2.0m	2.31m	2.92m	3.23m	3.85m
Width	1.2m	1.2m	1.2m	1.2m	1.2m
Collector Area	2.4m <sup>2</sup>	2.77m <sup>2</sup>	3.52m <sup>2</sup>	3.85m <sup>2</sup>	4.62m <sup>2</sup>
Volume Capacity	8.7L	9L	11.4L	11.7L	14.4L
Weight (when empty)	6.0kg	6.8kg	8.2kg	8.5kg	10kg
Material - Tubing	UV stabilised polypropylene				
Material - Headers	UV stabilised polypropylene				
Max. Operating Pressure	600kpa				
Tube Diameter - Outside	6.5mm				
Tube Diameter - Inside	4.5mm				
Metres of Tube	296m	343m	436m	490m	585m

## How Does it work?

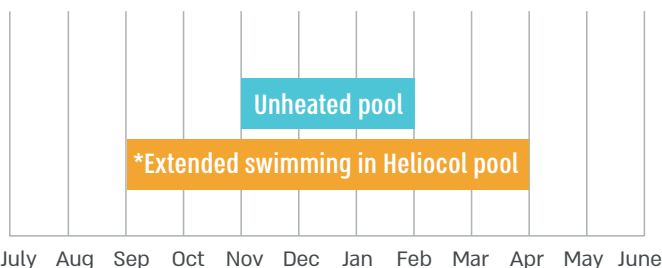
### Naturally, from the sun.

Heliocol solar panels are installed on your roof in a sunny position. Your pool water is pumped through hundreds of tubes in the collectors where it absorbs the sun's heat (think of a garden hose lying in the sun). This warmed water is then returned to the pool for your enjoyment. Our solar controller will regulate the temperature to avoid summer overheating.



\* The booster pump is shown here installed after the filter. Alternatively, if separate solar lines have been installed into the pool, the solar system can ideally be installed on a separate circuit. Ask your Heliocol supplier for details

## WHAT CAN I EXPECT



\*Even longer swimming season in Northern Australia

## LONGER LIFETIME

The lifetime of your Heliocol system doubles the average of gas and electric heating options

GAS	5 Years
ELECTRIC	5 Years
HELIACOL	25 Years

## WARRANTY

### Heliocol provides the the longest and most conclusive warranty

Our Warranty provides you with 25 years of protection on collectors and parts manufactured by Megan eco-Energy (PPC, Mounthing units, CPVC and End Caps). With over 40 years of experience, and as the World's Largest Solar Pool Heating Manufacturer, Heliocol has the reputation of upholding its promises.

### Cockatoo Tough

Heliocol, with tough polypropylene construction, is also extremely resistant to cockatoos, possums and other vermin.

