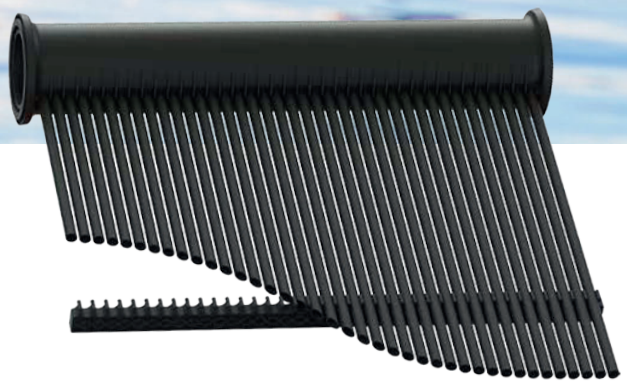
HELIOCOL
SOLAR POOL HEATING. ENGINEERED FOR LIFE.

MAGEN
eco-ENERGY



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



Heliocol by Magen eco-Energy

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

www.magen-ecoenergy.com

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

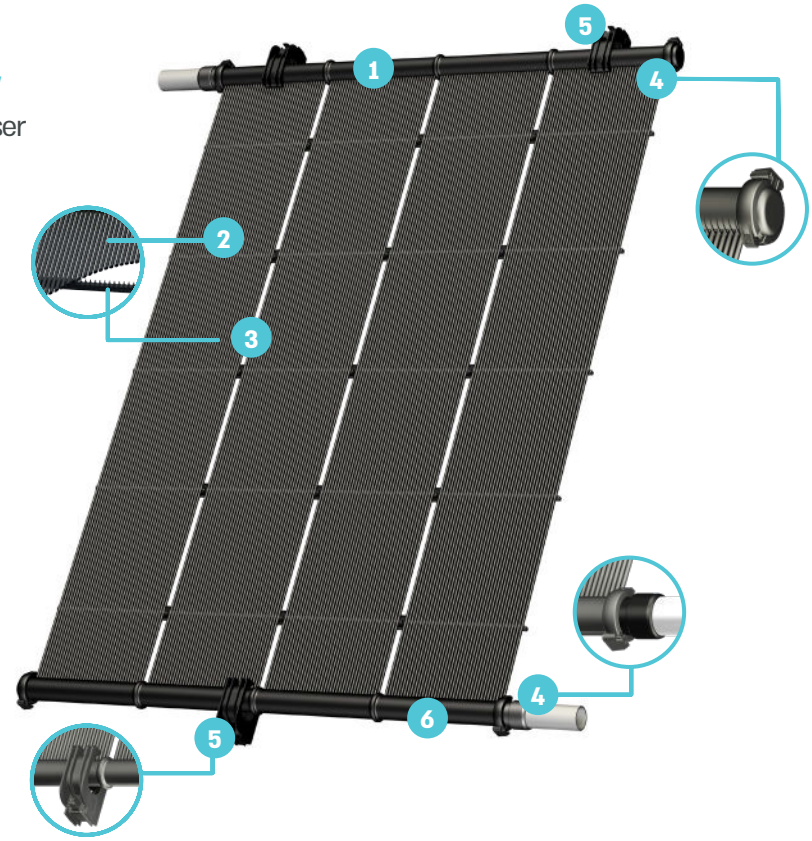
Minimises wind effects on the panel and creates extreme mechanical stability.

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.

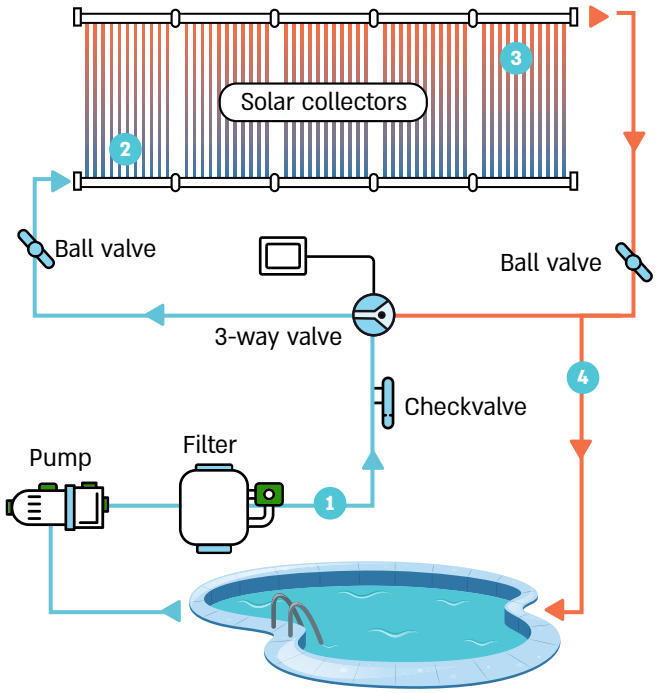
DIMENSIONS & DESIGN PARAMETERS

Collectors Type		HC-30	HC-38	HC-40	HC-50
Cat No.		127108	127110	127111	127112
Length3.85	m	2.31	2.92	3.23	3.85
Width	m	1.2	1.2	1.2	1.2
Area	m^2	2.77	3.52	3.85	4.62
Weight "Dry"	Kg.	6.8	8.2	8.5	10
Volume capacity	Lit.	9	11.4	11.7	14.4
Weight "Wet"	Kg.	15.8	19.6	20.5	24
No. of Spacers	#	7	9	10	12
Filled Area	Kg. / m^2	5.7	5.3	5.3	5.16
WeightRec. Flow Rate	Lit. / hr	720	900	900	1200

How Does it work?

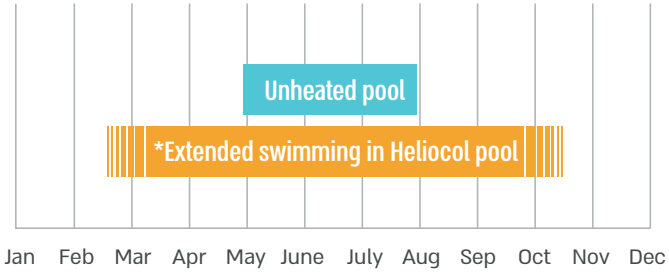
Naturally, from the sun.

1. Using your existing pool pump, pool water is directed through a series of valves to your solar collectors.
2. Pool water enters the solar collectors at the bottom and rises to the top through the individual tubes of the collector.
3. As the water rises through the collector, it is heated by the sun's radiant energy.
4. The water is then returned to the pool to repeat the cycle until your pool has been warmed to your desired temperature



January 2022

WHAT CAN I EXPECT



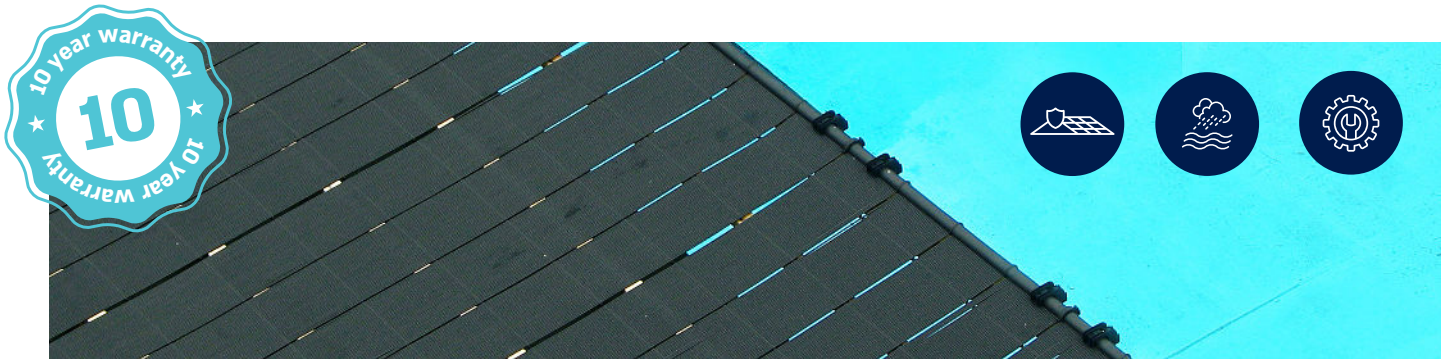
LONGER LIFETIME

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



WARRANTY

Heliocol provides the the longest and most conclusive warranty.
Our Warranty provides you with 10 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.



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