



# SunSmile



*Above Ground Pool*  
**Solar Heating System**



# Upgrade to Magen Eco-Energy's SunSmile solar pool heating system for an extended swimming season.

Say goodbye to short pool seasons and hello to endless summer fun with Magen Eco-Energy's SunSmile solar heating system.

With SunSmile, your family can swim and have fun in the pool for up to 4 additional months a year. Don't let seasonal changes limit your pool time. Upgrade to SunSmile today and make the most of every sunny day!



## Benefits of SunSmile Above Ground Pool Solar Pool Heating System



Extended Swimming Season



Durable and backed up by Warranty



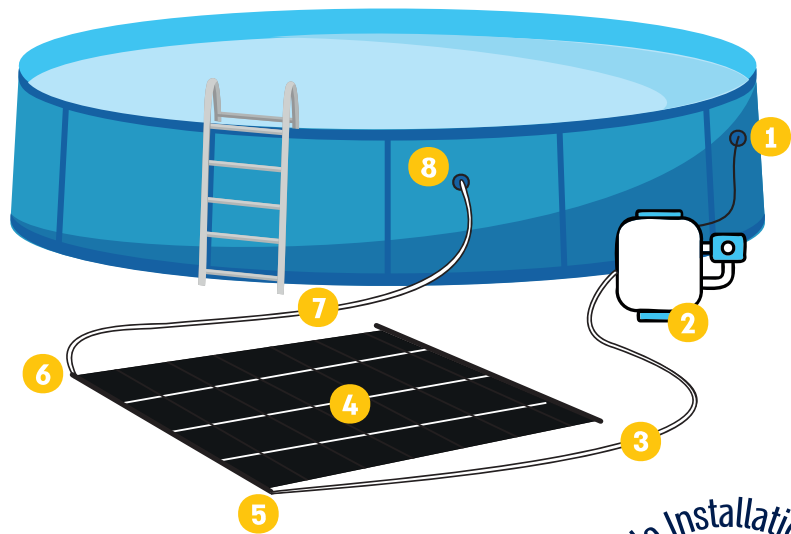
Little to No Maintenance



Environmental Friendly

## How do all the parts connect?

- 1 Pool Outlet
- 2 Filter and Pump
- 3 Inlet Tube
- 4 SunSmile Collector
- 5 SunSmile Entry Point
- 6 SunSmile Exit Point
- 7 Flexible Hose, supplied with the system
- 8 Pool Entry Point



# How does it work?

When properly installed, SunSmile will be connected between the filter and your pool by two hoses: one will feed cold, filtered pool water from your pump into the collector, whereas the other will feed water warmed by the sun to your pool via the pool return inlet.

As cold water is fed into the collector, it flows through the individual riser tubes. The sun's radiation is harvested by the collector and heats the water in the tubes which is carried back into the pool



- **Absorbs the sun and heats the pool water**
- **Fits all above ground pool shapes and sizes**
- **Additional collectors can be connected for various pool sizes**
- **Size of an individual collector: 10.6 ft x 3.9 ft (sizes may vary slightly)**
- **Zero maintenance cost**

Round Pool (diameter)	Rectangular Pool	Recommended # of Collectors	Recommended Pump Requirements	
			Required Flow Rate	Collector Pressure Drop
16 ft.	12 ft. x 18 ft.	1	500 l/h = 2 GPM	1.4 PSI
18 ft.	12 ft. x 24 ft.	2	500 l/h = 2 GPM	2.8 PSI
24 ft.	16 ft. x 28 ft.	3	500 l/h = 2 GPM	4.2 PSI
28 ft.	18 ft. x 34 ft.	4	500 l/h = 2 GPM	5.6 PSI

