solar heat pool system

How does it work?

Using the existing pool pump, water is diverted through the solar panels on the roof via the flow piping to the swimming pool. The sun heats the solar collector and heat energy is absorbed and transferred into the water. The warmer water then returns to the pool to repeat the cycle.

Efficient solar heat collectors are made from durable, lightweight, polymer materials. They are resistant to corrosion, electrolysis, pool chemicals, extremes in temperatures and mineral build up. The black pigmented absorption colour is UV stabilised and will not fade, crack or perish. Tiny channel tubes make up the collectors, allowing pool water to touch virtually every square cm of the absorption surface area. This efficient, fully wetted surface area can transfer up to 90 percent of the available heat energy to the circulating pool water.

Features:

Polytube M (Private Pools)

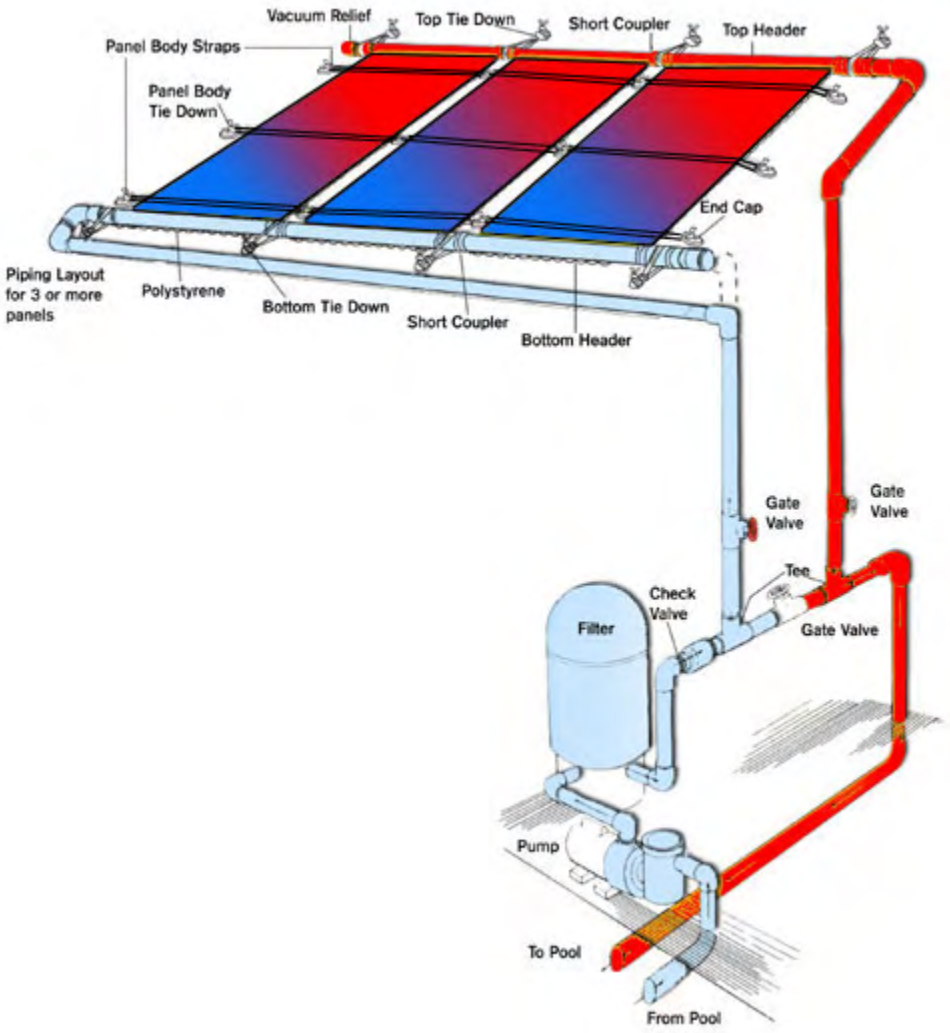
- 5 year warranty on solar panels
- Header and risers of identical material which prevents stress fractures from uneven expansion and contraction
- Attractive slim line appearance
- Corrosion resistant
- UV stabilised

Polytube S (Public Pools)

- 10 Year warranty on solar tube
- Synthetic Flexible Rubber is delivered in rolls and cut to size
- Can fit any surface no matter what the shape
- Corrosion resistant
- UV stabilised

* Due to continued product improvements through research and development, product specifications may change.

Polytube M			**Polytube S**	
Dimensions:	Width	1310 mm	Width	0.2 m
	Length	3050 mm	Length	60 m
	Effective area	3.7 m2	Effective area	12 m2
Weight:	Without water	8.6kg	Without water	5 kg / m2
	Full of water	24 kg	Full of water	11 kg / m2
Freezing:	Install systems at a minimum pitch of 15° to allow for self draining		Disconnect headers and drain system in winter	


Vacuum Relief
Top Tie Down
Short Coupler
Top Header
Panel Body Straps
Panel Body
Tie Down
End Cap
Piping Layout
for 3 or more
panels
Polystyrene
Bottom Tie Down
Short Coupler
Bottom Header
Gate
Valve
Gate
Valve
Tee
Check
Valve
Filter
Gate Valve
Pump
To Pool
From Pool