

## Why Solar?



### Lengthens Swimming Season

If your swimming pool is frequently too cold then you are not getting the most out of your valuable backyard investment.

Depending on where you live, installing a solar heating system can literally double the amount of time you can comfortably use your pool.

### More Economical

When compared to heating your pool with other methods, solar heating pays for itself in less than 3 years.

### Adds Value

A solar pool heating system adds value to your pool and home.

### Environmentally Safe

Solar pool heaters produce “clean” positive energy, and do not pollute the environment as many conventional heating sources do

## Why Techno-Solis?

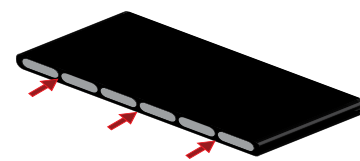


### The Original

The Techno-Solis panel has been imitated over and over again, but our quality has never been duplicated. Our system has a patented design which will reliably heat your pool to a comfortable swimming temperature without increasing your utility bills.

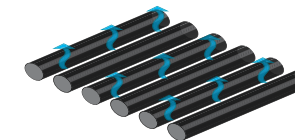
### Most Efficient

Other panels can cool rapidly during windy conditions because the individual flow tubes aren't insulated by each other.



Techno-Solis panels retain heat

Techno-Solis flow tubes are connected for insulation so that they stay warm longer. This patented design also allows our panels to withstand freezing conditions better than collectors with round flow tubes that cannot expand or change shape.



Other panels lose heat

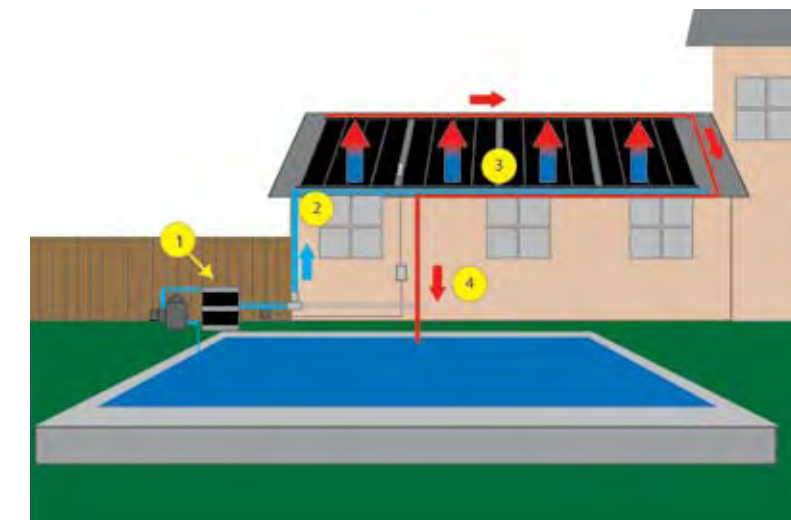
### Indestructible

Techno-Solis collectors contain 35% more polypropylene and UV stabilizers than any other panel. This means that our panels have a much longer life expectancy than the competition. In fact, our panels are so well built that they can withstand the strength of a 150 mph hurricane.

### Worry Free

Once our panels are installed, there is no additional maintenance or cost involved. You just sit back and relax in your refreshingly warm swimming pool. For added peace of mind, we back all of our systems up with the longest and most comprehensive warranty in the industry.

## How Does It Work?



1. Pool pump moves the water to the solar collectors
2. Cool water enters the solar collector from the bottom.
3. Water is heated as it flows upwards through the collector tubes to the top header pipe.
4. The warm water is then returned to your pool.
5. This process continues until the desired water temperature is reached.



Your Local Authorised Techno-Solis Dealer:



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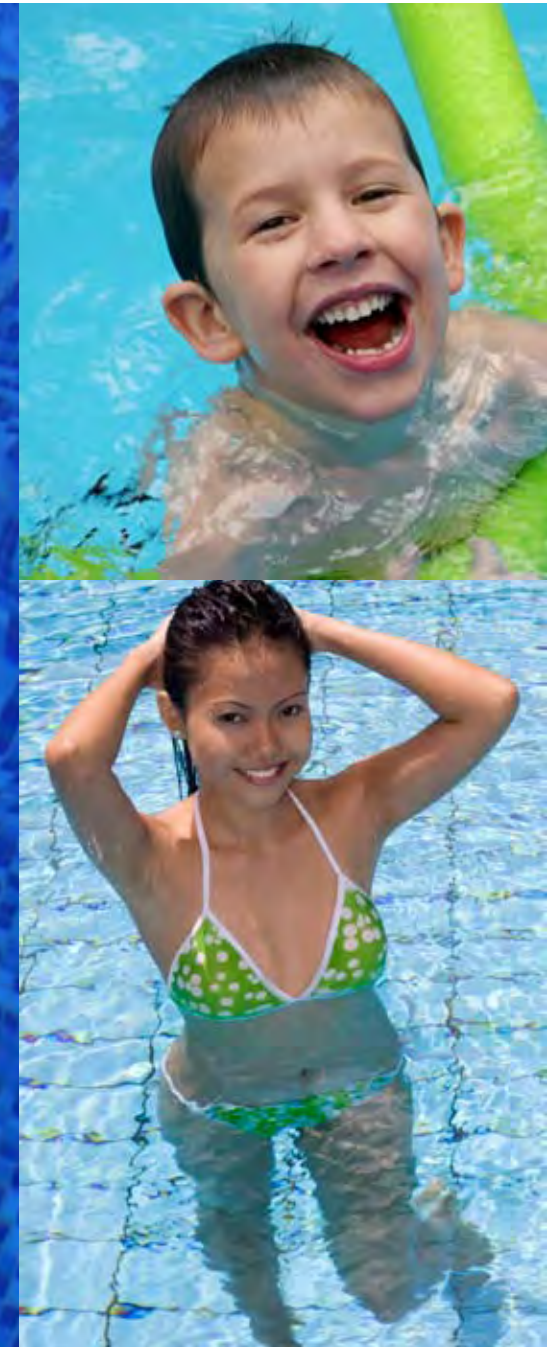
## Dimensions & Performance

**US**

Dims		2" Header			1.5" Header		
		4 x 12	4 x 10	4 x 8	4 x 12	4 x 10	4 x 8
Overall Length	In	144.12	120.37	96.00	143.3	119.55	95.18
Absorber Width	In	47.50	47.50	47.50	47.63	47.63	47.63
Header Length	In	50.75	50.75	50.75	50.75	50.75	50.75
Gross Area	ft <sup>2</sup>	47.62	39.79	31.65	47.31	39.46	31.40
# Flow Channels		104	104	104	104	104	104
<b>Flow Rates</b>							
Max	Gpm	10	10	10	10	10	10
Min	Gpm	3	2.5	2.5	3	2.5	2.5
Rec.	Gpm	4.9	4.9	4.9	4.9	4.9	4.9
<b>Perf.</b>							
FSEC rating /ft <sup>2</sup>	BTU	1010	1010	1010	1010	1010	1010
Wind Load	mph	150	150	150	150	150	150
<b>Weight</b>							
Dry	lbs	30	25	20	29	24	19
Wet	lbs	62.5	53.6	44.7	62.5	53.6	44.7

**Metric**

Part #	Dims	50.8 mm Header			38.1 mm Header		
		c20ts12	c20ts10	c20ts08	c15ts12	c15ts10	c15ts08
Overall Length	m	3.66	3.06	2.44	3.64	3.04	2.42
Absorber Width	m	1.21	1.21	1.21	1.21	1.21	1.21
Header Length	m	1.29	1.29	1.29	1.29	1.29	1.29
Gross Area	m <sup>2</sup>	4.42	3.70	2.94	4.395	3.666	2.917
# Flow Channels		104	104	104	104	104	104
<b>Flow Rates</b>							
Max	l/min	37.86	37.86	37.86	37.86	37.86	37.86
Min	l/min	11.36	9.47	9.47	11.36	9.47	9.47
Rec.	l/min	18.55	18.55	18.55	18.55	18.55	18.55
<b>Perf.</b>							
FSEC rating /ft <sup>2</sup>	BTU	958	958	958	958	958	958
Wind Load	KM/H	241.4	241.4	241.4	241.4	241.4	241.4
<b>Weight</b>							
Dry	kg	13.61	11.34	9.07	13.15	10.89	8.62
Wet	kg	29.17	25.13	20.59	28.35	24.31	20.28



**Swim Longer  
with  
Solar Heating!**