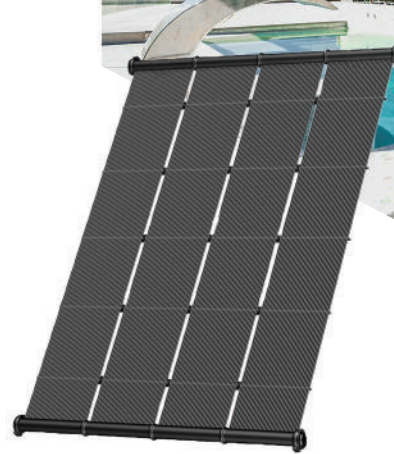


Features

- 10 Year warranty on panels
- 20 + Years proven life expectancy
- In continuous manufacture since 1977
- Iso 9002 certified factory
- Header and riser of identical material overmoulded as one unit - no welds or joints.
- Open riser design eliminates moisture build-up under the collector preventing roof deterioration
- High wind load capabilities
- Freeze resistant
- Corrosion proof



ITS Heliocol Solar Pool Heating Panels

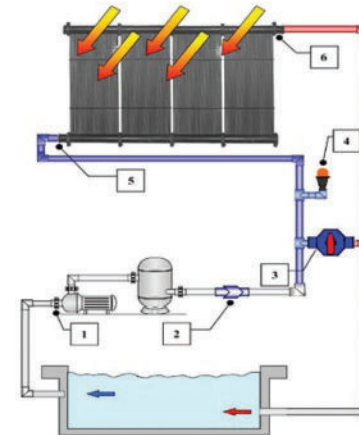
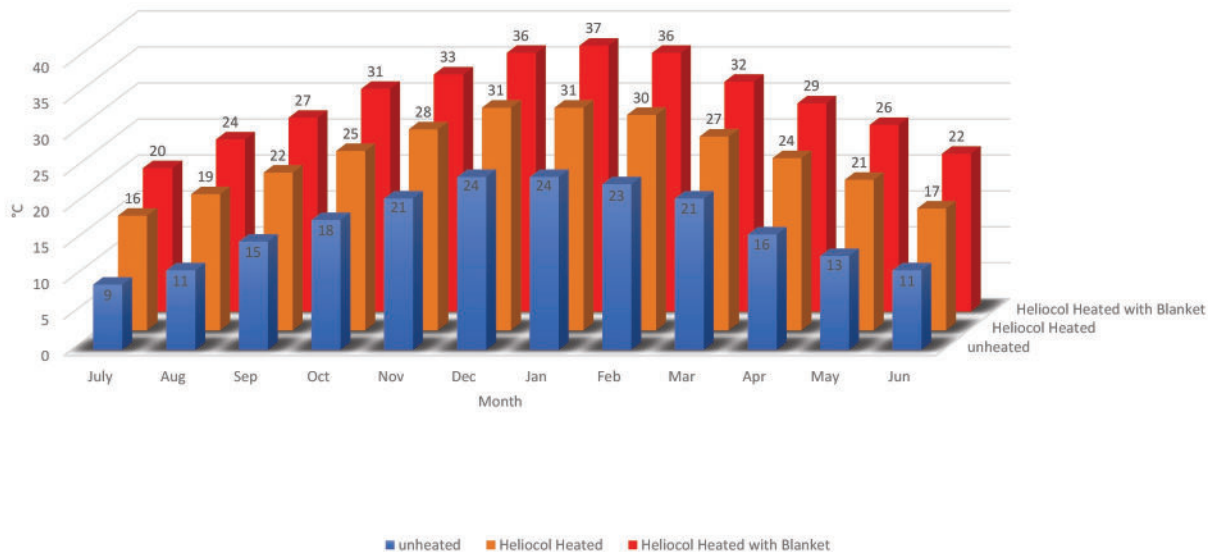


Certified to NSF/ANSI 61



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Pool Temperature / Usage Chart



Unique Features

Life
is more fun
with a heated
pool

Overmoulding Technology

A unique injection process that connects the riser tubes to the manifold header to create a panel which is literally a one plastic unit

Cylindrical Shape

All parts are rounded, with no sharp angles, so as to avoid stress concentration or the risk of bursting at high pressure

Fins

Provides added strength to the unit while preventing differential thermal expansion and distortion of the system

Special Formulated Material

Tested in authorized labs, and proved as stabilized against the effects of sustained UV radiation, extreme weather conditions and aging

Spacer Bars

Prevents distortion of the panel over time, and the abrasion of the riser tubes from the thermal expansion of the panel

Individual Tube Design

Minimizes wind effects on the panel and creates an extreme mechanical stability

Modular Structure

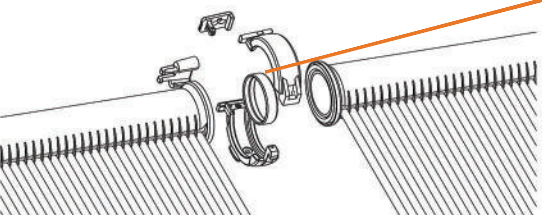
Enables fast and firm connection between panels, to create any desired absorption area for any roof type

Parts & Fittings

All plastic, for simple connection between panels and standard plumbing PVC pipes

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Dimensions & Design Parameters



F.S.E.C Performance rating & daily energy output

Water temp		HC-40	HC-38	HC-30
Cool 35°C	kwh/day	10.72	10.29	8.18
Medium 50°C	kwh/day	3.25	3.09	2.93

Mechanical Stability

Water temp	°C	20	40	60
Maximum rec operating pressure	bar	8	6	4
	psi	120	90	60
Burst Pressure	bar	25	18	14
	psi	360	260	200

Collector Type		HC-40	HC-38	HC-30
Dimensions	m	3.23 x 1.2	2.92 x 1.2	2.31 x 1.2
Area	m²	3.85	3.52	2.77
Weight "Dry"	kg	8.5	8.2	8.2
Volume Capacity	lit	11.7	11.4	9
Weight "Wet"	kg	20.2	19.6	15.8
No. of spacers	#	10	9	7
Filled are weight	kg/m²	5.3	5.3	5.7
Rec. Flow rate	lit/hr	900	900	720