

# Compac Heat Pump

Efficient pool water heating for lower pool running costs.

## Features

- Extracts heat from the air and uses it to heat pool water
- For every 1 Kw of energy used, approximately 4kW of energy is generated\*
- 2 year warranty
- UK support and back up
- Titanium heat exchanger

## How does it work?

Heat is transferred to the pool water from the ambient air using a vapour compressor cycle similar to that found in a refrigerator.

## Clean and environmentally friendly

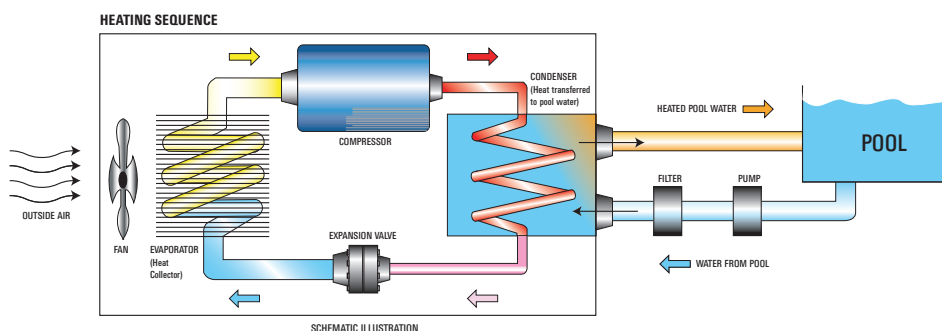
The low energy consumption coupled with high heat production makes a Compac heat pump an environmentally friendly way to heat your swimming pool. Unlike alternative ways of heating your pool, the Compac requires no fuel storage tank or high capacity electrical supply and produces no smells, fumes or CO<sub>2</sub> gases.

## Easy installation

Your Compac heat pump should be installed outdoors, allowing adequate air flow to the unit. It should be installed upstream of any pool purification systems and chemical dosing systems. Care should be taken not to add chemicals directly to the skimmer which would result in concentrated chemical solutions passing directly through the Compac, and water quality should be maintained within recommended standards to maintain the guarantee.

## Low pool heating bills

You pay only for the cost of electricity to run the motor inside – the heat that is absorbed from the air is free, making a Compac heat pump efficient and cost effective.



General Data	Compac 6	Compac 8	Compac 12
Width mm	848	848	848
Depth mm	300	300	300
Height mm	630	630	630
Weight mm	53	58	63
Noise Level dB(A)	48	48	52

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<b>Technical Specifications</b>			
Heat to pool water (Ambient 20°C, Water 27°C) - kW	6.4	8.2	11.6
Typical pool size (Surface area) - M <sup>2</sup>	18	26	39
Typical Pool Volume - M <sup>3</sup>	20-30	25-40	35-55
<b>Electrical 230V / ~ 1N / 50Hz</b>			
Total power consumed (Ambient 20°C, Water 27°C) - kW	1.41	1.76	2.56
Min supply capacity (max FLA 1ph N - A	6.5	8.2	11.8
Compressor RLA - Amps	17.5	23	35
Recommended supply fuse 1ph N - A	10	15	20
<b>Water / Air Flows etc</b>			
Max working pressure pool water - bar	4	4	4
Pool water connection - inches / mm	1.5" BSP or 50mm	1.5" BSP or 50mm	1.5" BSP or 50mm
condensate drain connections - mm	15	15	15
Air flow - m <sup>3</sup> /h	1600	1600	1600

\* The Coefficient of Performance will vary according to the temperature of the water and the ambient air.

\*\* Your Compac heat pump comes with a 2 year limited warranty. If a breakdown occurs, a service agent will visit and should a second occurrence happen then the unit will be 'swapped out'. This means that a new unit will be delivered and your pool company will be required to carry out the installation at their cost and arrange for return of the faulty unit.

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**Certikin**  
brings water to life