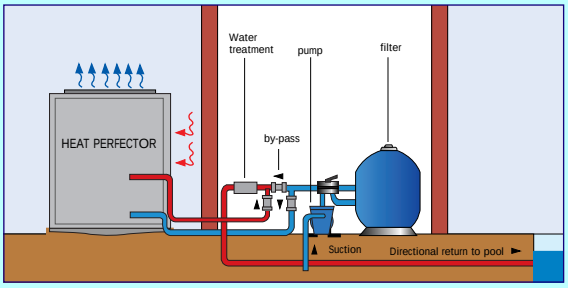
Technical specifications

Compressor:	rotating SCROLL
Refrigerant:	R407C
Heat transfer coefficient:	4 - 6
Heat exchanger:	titanium
Temperature scale:	°Celcius
Housing:	Heat Basic in ABS
	Other models coated galvanised steel
Minimum environmental temperature:	5°C
Installation:	outdoors

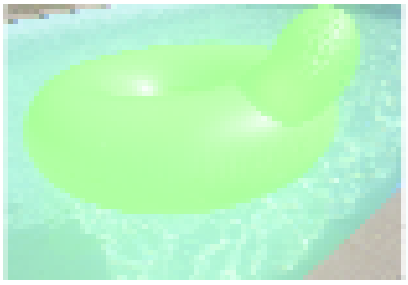


How to choose the right Heat Pump?

TYPE POOL						
		10 kW	**14** kW	**20** kW	**32** kW	**37** kW
ABOVE GROUND POOL		***	**	-	-	-
SMALL	< 40 m³	**	***	***	**	-
MEDIUM	40 m³ - 80 m³	-	*	***	**	*
LARGE	60 m³ > 80 m³	-	-	*	***	***
EXTRA LARGE	> 80 m³	-	-	-	**	***

- **Average use of pool: 6 months/year**
- **Optimum functioning starting at 15°C**
- **Ideal humidity of the air: 60%**





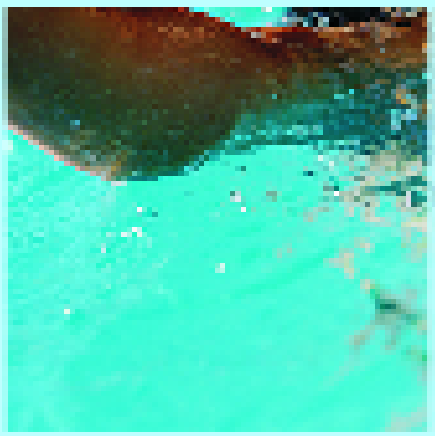
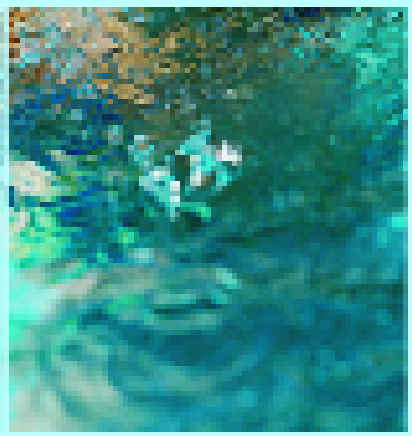

HEAT PERFECTOR

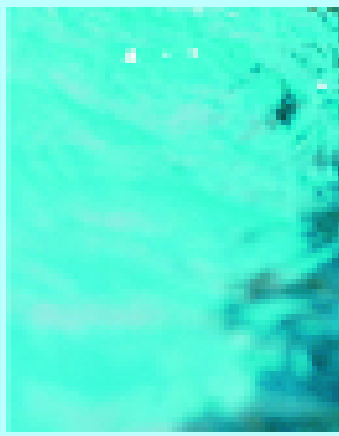
HEAT PUMPS



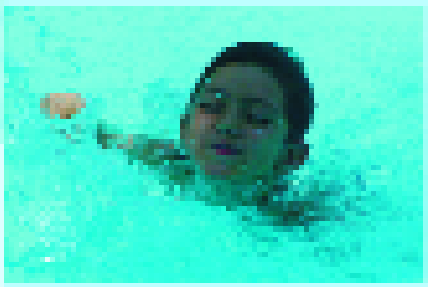








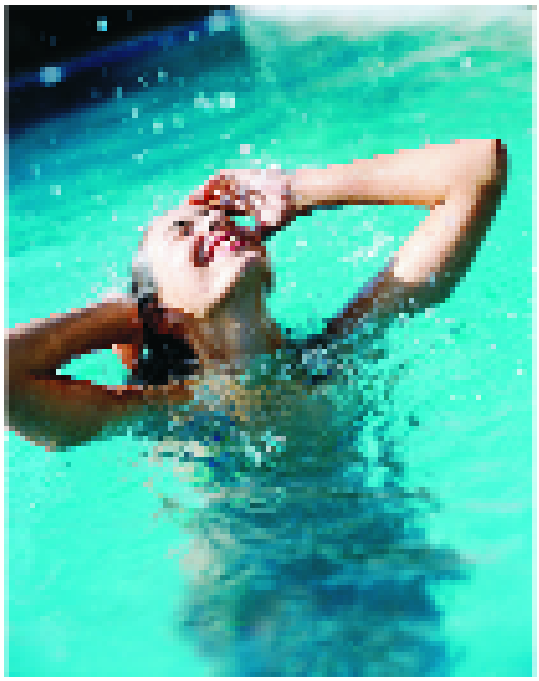

Enjoy, all year long ...

HEAT PERFECTOR heat pumps

The benefits of a heated pool

You are the proud owner of a magnificent pool. You wish to extend the pool season and swim in a heated pool. A good heating system will allow you to use the pool from spring until late summer. Heating the pool is not that difficult and can be done in different ways. The trick is to find the most cost effective method. If you compare different heating systems, you will notice that the Heat Perfector Heat Pump is the ideal solution.

Power transformed into heat
Performance coefficient
Voltage - 50Hz
Power consumption
Flow
By Pass Valve
Hartford connection
Hydraulic connection in PVC
Colour
Sound level
Weight net
Dimensions (l, w, h) cm



How a heat pump works

Working

A heat pump extracts energy from the surrounding air and transfers it into heat, which is used to warm the pool water through a heat exchanger. It works to the same principle as a refrigerator or air conditioning but in reverse. The heat pump extracts heat from the air and uses it, expelling air which is about 5 degrees cooler than the surrounding environment.

The heat pump consists of a compressor incorporating refrigerant, a heat exchanger, a condenser and a ventilator.

HEAT PERFECTOR - POLLET POOL GROUP LIMITED GUARANTEE
5 YEARS

Model 4 - 5 - 6

Model

at pumps

Heat Basic	Model 1	Model 2	Model 3	Model 4	Model 5	Model 6
10 kW	14 kW	20 kW	20 kW	32 kW	32 kW	37 kW
5	3,96	5,1	5,1	5,6	5,6	6,39
Mono	Mono	Mono	380 Tri	Mono	380 Tri	380 Tri
2 kW	3,9 kW	3,92 kW	3,92 kW	5,86 kW	5,86 kW	5,86 kW
50-200	60-230	60-230	60-230	60-230	60-230	60-230
No	No	Yes	Yes	Yes	Yes	Yes
Yes	Yes	Yes	Yes	Yes	Yes	Yes
1 $^{1}/_{2}$”	2”	2”	2”	2”	2”	2”
Black	Green	Green	Green	Green	Green	Green
48 db	48 db	48 db	48 db	48 db	48 db	48 db
75 Kg	114 Kg	131 Kg	131 Kg	138 Kg	138 Kg	138 Kg
61 x 69 x 89	88 x 58 x 81	88 x 58 x 81	88 x 58 x 81	88 x 88 x 94	88 x 88 x 94	88 x 88 x 94

Benefits

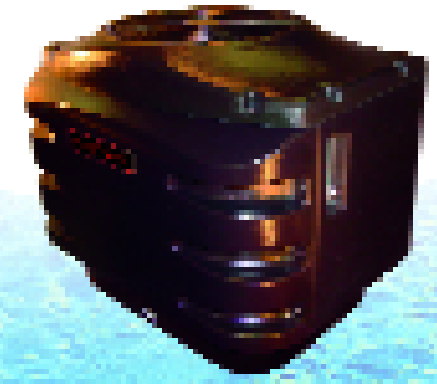
Key benefits of the Heat Perfector

- The use of a top ventilator leads to greater efficiency in operation than competitive side mounted models.
- The scroll compressor is much quieter in operation than conventional compressors, so the unit is not intrusive when operating.
- The use of titanium for the heat exchanger leads to efficient heat transfer without any dangers of corrosion.
- The unit is housed in a galvanised steel enclosure making it ideal for operation in wet and humid conditions.
- The Heat Perfector is built for high efficiency, utilising a large case design for improved heat transfer.
- Provided with Power Defrost System: even with minimum temperatures, your heat pump keeps working.

Why

Why choose a heat pump?

Purchasing a heat pump is not the cheapest solution. However, taking into account the annual heating costs, a heat pump is by far the cheapest method of heating a pool, which makes it worth the investment. For each kilowatt of energy consumed, it gives off at least 5 and sometimes even 6 kilowatts of heat. When it comes to heating costs, the heat pump is unequalled. Moreover, it is a source of clean energy, and therefore very environmentally friendly.



Model Heat Basic