



with 410A gas

The perfect way to heat your pool !

GOOD TO KNOW...

- A swimming pool loses :
 - 5°C in 5 hours, WITHOUT cover
 - 0,8°C in 5 hours, WITH a summer cover 400µ
- A swimming pool without a cover, loses as much heat per rnas a 300W heater produces.
- A swimming pool of 4 x 8m without a cover, loses about 28.000 litres of water a year because of vaporisation.
- A swimming pool of 4 x 8m without a cover, loses during the heating phase , about 10.000 Watts of energy.

All previous calculations are based on a water temperature of 27°C and an outside temperature of 21°C, 60% R.H. and a wind speed of 5miles/hour.

TWISTED TITANIUM EXCHANGER

Titanium has excellent heat transfer capacities and is extremely resistant against chemicals and salt. The twist in the exchanger enlarges the heat transfer surface and results in an even better Coefficient Of Performance (COP). This effect is enhanced by our "counter flow system". This means that the very hot gas first warms the water that is coming in the end of the heat exchanger and that the slightly cooler gas interferes with the water that has entered the heat exchanger. This takes advantage of the greater temperature differences which results in more heat being transferred and also results in a better COP.

POWER DEFROST®

The power defrost system is the most efficient defrosting system on the market. This Power Defrost does not use the heat from your pool like the reverse cycle heat pumps. This unique system diverts a part of the compressed refrigerant gas to defrost the coil while the rest of the gas is still used to heat up your pool.

SILENT OPERATION

We use the Emerson Copeland scroll compressor. This is one of the quietest compressors in the market and we added an extra insulation jacket to make it even quieter. The AquaTherm Pro is delivered as standard with rubber insulation pads. These easy to install pads absorb the vibrations of the pump and prevent any resonance being transmitted to the ground. These extras reduce the noise level (dB rating) by a further 20%.

NEW FAN BLADE

Better aerodynamic design results in a very silent operation and better evacuation of cold air.

DIGITAL DISPLAY

This display enables you to set the temperature for you pool and/or spa but it also informs you on cooling liquid pressure, water flow and defrosting cycle



NEW BLACK CABINET

We didn't just change to black powder coating. Around the coil there is now a protective jacket that not only provides reinforcement but also improves the airflow. Together with the new venturi ventilation system, this results in better performances and a quieter operation.

INTERNAL BYPASS

The spring charged check valve ensures a constant flow for a better heat transfer and protects the pump against an overload on water.

AQUATHERM PRO TABLE

	Model A	Model B	Model C	Model D	Model E	Model F	Model G	Model H
kW	20	20	20	32	32	32	37,5	37,5
Performance Coefficient	5,1	5,1	5,1	5,6	5,6	5,6	6,39	6,39
Phase	1	3 - 380v	3 - 220v	1	3 - 380v	3 - 220v	3 - 380v	3 - 220v
Power Consumption kW	3,92	3,92	3,92	5,86	5,86	5,86	5,86	5,86
Breaker Amps, Type	25 - D	20 - D	20 - D	30 - D	30 - D	20 - D	30 - D	25 - D
Cable Size (mm) max 5mt distance	4	4	4	6	4	6	6	6
Flow l/m	4 to 14	4 to 14	4 to 14	4 to 14	4 to 14	4 to 14	4 to 14	4 to 14
Inlet / Outlet Connections	2" - 63mm	2" - 63mm	2" - 63mm	2" - 63mm	2" - 63mm	2" - 63mm	2" - 63mm	2" - 63mm
Weight (kg)	138	138	138	140	140	140	147	147
Dimensions - W, L, H (cm)	88 x 88 x 96	88 x 88 x 96	88 x 88 x 96	88 x 88 x 106	88 x 88 x 106	88 x 88 x 106	88 x 88 x 106	88 x 88 x 106

All Units: ** Sound Level 42db at 1mt ** ** Bypass Valve included **

