Aquatight
POOL EQUIPMENT

Titanium Heat Pumps

Quiet, energy efficient and environmentally-friendly pool heating you can afford to run all year round.

Swim in a heated pool all year round

An Aquatight heat pump generates heat from the air. After processing this heat it is transferred into your pool. To provide a warm pool all year round at a fraction of the cost of other heating methods. High efficiency is maintained in air temperatures from +7°C upwards.

AQUATIGHT WARRANTY
10 Year Heat Exchanger Warranty. 3 Year on whole Unit

Aquatight Titanium Heat Pump advantages:

- Inexpensive to run – a fraction of the running cost of Gas pool heating
- Swim in a heated pool all year – unlike solar heating which only effectively extends the swimming season by a few months, an Aquatight Heat Pump heats continuously even when it's cool and cloudy
- Incredibly efficient Japanese inverter technology
  - massive 6.2 COP (Coefficient of Performance)
  - 15-30% higher efficiency than competitive units
- Quietest operation in Australia – from 48 dB
- Top quality, maximum durability Titanium Heat Exchanger
- Installation is quick and easy – you could be swimming in a warm pool in no time
- Attractive, unobtrusive heating unit

Why choose Aquatight Titanium?

World-class Performance

With a Coefficient of Performance (COP) of greater than 6.2 at an air temperature of 26° C and over 4.5 at just 15° C, Aquatight Titanium Heat Pumps are 15-30% more efficient than competitive units. This remarkable efficiency can save up to 80% on running costs compared to alternative gas or electric pool heating.

Whisper-quiet Operation

You and your neighbours will be happy that when an Aquatight Titanium Heat Pump is operating it generates as little as 48 decibels. How quiet is that?

Touch Pad Control

Heat and Cool

Aquatight heat pumps not only heat your pool, they can cool it with equal efficiency.

Quality, Reliability and Durability

Aquatight Titanium Heat pumps are manufactured using only top-quality Japanese and European components. The Titanium Heat Exchanger is not only super efficient, it can never rust or corrode. Aquatight Heat Pumps also feature more accurate and durable commercial-grade digital controllers, special water flow switches and high-capacity compressor capacitors.

Eco Friendly

We use Environmentally friendly Refrigerant

Affordable year-round pool heating

Aquatight Titanium Heat Pump Running Costs

Model	Maximum Pool Capacity (m^3) with Pool Cover	Rated Power (kw)	Runtime (hours)	Electricity Consumption (kw/hour)	Electricity cost	Total Running Cost (per hour)
PH20	40	1.4	1	1.4	$0.1394	$0.20
PH30	60	1.8	1	1.8	$0.1394	$0.25
PH45	80	2.4	1	2.4	$0.1394	$0.33
PH60	110	3.7	1	3.7	$0.1394	$0.52
PH75	150	4.5	1	4.5	$0.1394	$0.63

Aquatight Titanium Heat Pump Specifications

Model	 PHC20	 PHC30	 PHC45	 PHC60	 PHC75
Heating Capacity (kw)	9	12	16	23	30
Coefficient of Performance	≥6.2	≥6.2	≥6.2	≥6.2	≥6.2
Pool Volume (m^3) Max	40	60	80	110	150
Water Flow (m^3/hour)	≥3	≥5	≥6.5	≥10	≥10
Power supply	Single Phase – 15amp – 220-240r			Single Phase – 15amp – 220-240r 3 Phase / 380v / 50HZ	3 Phase / 380v / 50HZ
Rated Current / Maximum Current (Amps)	6.4 / 8.2	8.2 / 11.0	10.9 / 14.1	Single Phase 17.5 / 26.5 3 Phase 5.6/ 8.5	6.8 / 9.5
Noise (dB(A))	≥48	≥48	≥50	≥56	≥58
Dimensions (Unit) Length Width Height	 567mm 550mm 640mm	 689mm 694mm 740mm	 689mm 694mm 740mm	 689mm 694mm 740mm	 740mm 694mm 950mm
Weight (kg) (Unit)	52	65	85	102	123

*Data is subject to modification without notice

How does an Aquatight Titanium Heat Pump work?

Aquatight Heat Pumps extract ambient heat from the air – even in low temperatures.
This heat is then transferred into a refrigerant gas which is compressed and heated further.
The heat is then transferred into the pool water, and heats your pool.

Selecting the right Aquatight Titanium Heat Pump for your pool

We'll tell you which Aquatight Titanium Heat Pump model is right for your pool. We can also tell you how much it will cost to run and arrange installation.

What brand should you choose?

Always consider the features.

How quiet will it be?

If it runs frequently you don't want to hear it.

How efficient is it?

This affects how long it needs to run to warm your pool.

How long is the warranty?

This is the best indication of product quality.

What should you look for?

A good quality compressor and titanium heat exchanger components are essential.

Less running time = • Lower operating costs • Longer unit life • Heated water when you want it • Better for our environment

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