

# *its*<sup>TM</sup> *heat pumps*

## Swimming Pool Heat Pumps



## How does a heat pump work?

A heat pump works like an air conditioning unit in reverse. It extracts heat from the ambient air surrounding it, enabling it to heat the refrigerant which is then compressed causing it to get even hotter. This is then run through a heat exchanger in which the water is heated. The refrigerant is then allowed to expand again, thus cooling it down and enabling it to again absorb heat from the surrounding air. So only a little electricity is used to run a fan and compressor while the heat energy is provided indirectly by the sun.

## Serious saving!

ITS heat pumps boast a 500% efficiency rating which means you will gain a return on investment in less than 1 year. You and your family will experience hours of fun in the pool instead of around the pool.

## Why should you heat your pool?

Not only did you pay a lot of money to build your pool but it is also costing you a lot of money per month to maintain. The average pool owner in South Africa only uses his pool for 3 months of the year because the water is simply too cold the rest of the time. By using an ITS heat pump you can now enjoy your pool all year round thus getting the most from your swimming pool investment. You and your family will experience hours of fun in the pool instead of around the pool.



# Swimming Pool Heat Pumps

ITS pool heating heat pumps are designed to make you get the most enjoyment from your pool. With pool temperatures programmable up to 40°C you can now swim all year round. No longer do you need to have your roof covered with solar panels or spend thousands of Rand on electricity. ITS heat pumps are compact, quiet and very simple to install. They will provide you with many years of trouble free pool heating.

ITS pool heat pumps use the latest in heat pump control technology resulting in extremely low operational costs. For every R1.00 worth of electricity this unit can give you more than R5.00 worth of output heat.

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## Key features

- **Heat water to your preferred temperature all year round** - ITS heat pumps heat your pool in all weather conditions providing you with hot pool/ Jacuzzi water throughout the year.
- **Latest technology with easy to control LCD display controller** - Each heat pump comes with a digital system controller which intelligently controls the heat pump to ensure the highest possible efficiency.
- **Titanium heat exchanger** - Super corrosion resistance with 50mm standard coupling connections for easy installation.
- **Environmentally friendly** - ITS heat pumps use the natural energy in the ambient air and therefore seriously reduce the green house gas emissions associated with the use of electricity.
- **Safe and reliable** - ITS heat pumps have been designed by a team of highly qualified engineers and boast many safety features ensuring reliable operation for many years.
- **Fully automated anti freeze function** - ITS heat pumps can operate in sub-zero temperatures and can defrost themselves automatically.
- **Beautiful finish and superior corrosion resistance** - ITS uses high purity metals and quality finishes in the manufacturing of our heat pumps to ensure the product will remain in good condition even after many years and offer superior corrosion resistance.
- **Silent, compact and great value for money** - After you have installed an ITS Heat pump, you will barely notice that it is there as they are extremely quiet whilst in operation.
- **5 Year warrantee** - ITS heat pumps have a limited extended 5 year warranty and a full 1 year warranty. The system life expectancy is more than 10 years.



**its**<sup>TM</sup>  
heat pumps & solar

**ITS** Heat Pumps - Pool heating all year round  
at a fraction of the cost!



/ Your local ITS dealer

[www.itsheatpump.co.za](http://www.itsheatpump.co.za)