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Swimming pool **Heat Pumps** By *AngelFire*

Heat pump pool heaters are economical to operate They only require energy to operate a fan motor and a compressor.

Using low power consumption in the process they are the most energy efficient pool heaters on the market, 2 to 4 times better than gas and 4 times better than an electrical element type Operating a heat pump could help you save up to 80% over propane gas, 50% over natural gas and over 400% over an electrical heater.



Enjoy your pool
whenever you want
without seasonal
constraints

- Suitable for Above and Inground swimming pools
- Can operate below 5°C (*Special Model*)
- Digital Advanced Controls
- Automatic temperature control
- Titanium heat exchanger – **'Pool-Safe' By Turbotec'**
- Lifetime warranty – Heat exchanger
- Robust ABS and UV protected cabinet
- Quiet, high capacity and high Performance fan
- High Quality Scroll compressor
- Special 'Soft Start' feature prevents tripping supplies
- Easy maintenance – wash down with garden hose



Turbotec – Manufacturing heat transfer systems for over 35 years in Connecticut. USA
<http://www.turbotecproducts.com>

A heat pump pool heater will bring your water temperature to a desired level (up to 35°C more if required).

A heat pump pool heater will keep your water warm 24 hours a day, no need to worry about the energy bill.

A heat pump pool heater will offer you significant operating cost savings versus fossil fuel heaters. They can save you up to 80 % over propane gas, 50 % over natural gas and over 400% over an electrical heater.

Why choose a heat pump?

Simply because it's inexpensive –

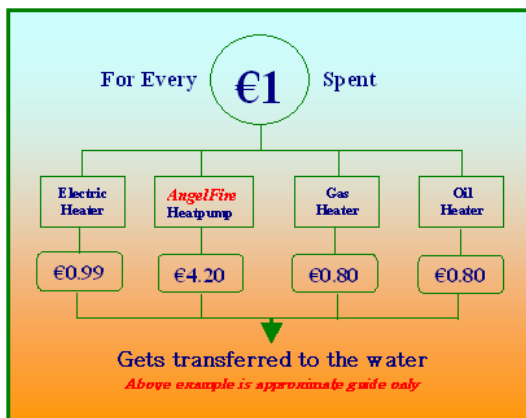
To buy, run and to install.

Realistically once you have invested in a pool you will find that you will only get about 1/3rd. use from it despite the temperature during the daytime,.

Having it heated will ensure your pool is warm and inviting for the vast majority of the year.

An **AngelFire** heatpump will heat your pool maintaining it at the temperature you choose – Economically.

The chart right shows the cost of running other types of pool heater – **AngelFire** technology ensures the most economical method of pool heating



Pool-Safe heat exchangers are designed specifically for swimming pool heatpumps. These heat exchangers are built with high performance Titanium for the inner tube and a high quality plastic for the jacket, which will withstand the effects of chlorides and other chemicals found in pool water.

The high natural resistance to chemicals makes this the ideal heat exchanger for any pool or Spa application
Ideal for saltwater chlorinator installations

Heatpump Specifications

Model	Max pool volume	BTU's	Capacity Kw	C.O.P	Power Supply	Breaker size	Running Amps	Elec Wire size	Weight	Dimensions
	m3		27 degC			Amps	Amps	mm(awg)	Kg	HxWxD
AngelFire heatpump Specifications										
M1	60	45,000	13.2	5.85	220/1	20	11	4 (12)	74	92x59x62
M2	85	55,000	16.1	6.44	220/1--380/3	30--15	14--6	5,3 (10)--2,1 (14)	76	92x59x62
M3	100	80,000	25	6.11	220/1--380/3	40--15	18--8	10 (8)--4 (12)	96	92x59x77
M4	120	100,000	30.8	5.92	220/1--380/3	40--20	27--13	10 (8)--4 (12)	119	96x72x82
M5	160	130,000	38.4	6.4	220/1--380/3	50--30	34--19	16 (6)--10 (8)	124	96x72x88