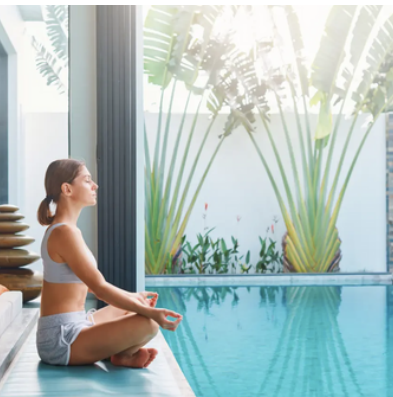
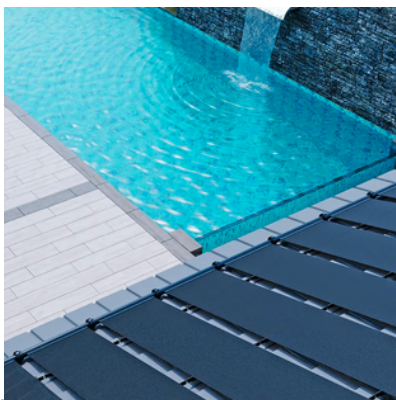




SUPREME
HEATING
POOL HEATING SINCE 1990

The Ultimate Pool Heating Guide

Swim Longer, Save More,
and Enjoy Year-Round Comfort



About Us

Established in 1990, Supreme Heating is an Australian-owned company specializing in energy-efficient pool heating solutions across Australia, and New Zealand.

With a trusted reputation, nationwide presence, and a commitment to safety, innovation, and customer satisfaction, we continue to deliver high-quality products and expert service.

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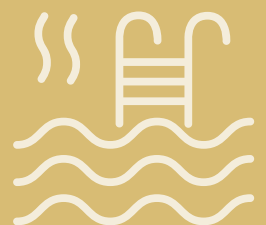
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Creating Your Perfect Pool Experience



A woman and two children are playing in a swimming pool. The woman is on the right, smiling and holding a yellow inflatable ring. A young girl is in the center, also smiling and holding the ring. A young boy is on the left, smiling. The background is a blue sky with white clouds.

A backyard pool is a beloved part
of Australian life, but with
unpredictable weather and
colder winters, heating options
are key.

Let's explore the best systems to
keep your pool comfortable
year-round.

1. Why Heat Your Pool?

The Benefits of a Heated Pool

Owning a swimming pool is a luxury, but without proper heating, its use can be limited to warmer months.

Here's why heating your pool is a game-changer:

✓ Comfort & Enjoyment

A warm pool allows for comfortable swimming, making early morning or evening dips more inviting.

✓ Health Benefits

Warm water reduces muscle tension, supports joint health, and provides a therapeutic swimming experience.

✓ Increased Property Value

A heated pool enhances property appeal, making homes more desirable to potential buyers.

✓ Extended Swimming Season

With the right heating system, you can enjoy your pool year-round, regardless of the climate.

✓ Exercise & Rehabilitation

Swimming in warm water aids in injury recovery, arthritis relief, and general fitness.



Did You Know?

- Heated pools can add up to 15% to your property's value in Australia, making it a worthwhile investment.
- The ideal swimming temperature is between 28-32°C, ensuring maximum comfort while preventing excess energy consumption.

2. Pool Heating 101

Understanding your options

Choosing the right pool heating system depends on climate, budget, and pool usage. Here are the most common options:



Solar Pool Heating

How it Works – Uses solar collectors to absorb the sun's energy and heat the water.

Pros – Environmentally friendly, low operational costs, long lifespan.

Cons – Dependent on sunlight; requires sufficient roof space.



Electric Pool Heat Pumps

How it Works – Extracts heat from the air and transfers it to the pool water through a heat exchanger and compressor.

Pros – Energy-efficient, effective in various climates, long-lasting.

Cons – Higher upfront cost compared to solar but lower operational costs than gas.



Gas Heaters

How it Works – Burns natural gas or LPG to rapidly heat water.

Pros – Quick heating, ideal for spas or occasional use.

Cons – Higher fuel costs, not as energy-efficient as solar or heat pumps.

2. Pool Heating 101

Not All Pool Heat Pumps Are the Same

A pool heat pump's kilowatt (kW) rating doesn't tell the whole story. Efficiency, heating speed, energy use, durability, and noise levels vary. Choosing wisely ensures better performance and value.

Key Factors to Consider

Energy Efficiency

Older models use more power than necessary. Advanced inverter heat pumps adjust output to lower energy costs while keeping temperatures stable.

Heating Speed

Efficient heat exchangers and compressors help pools warm up faster and stay at the right temperature, even in cooler weather.

Durability

Some heat pumps aren't built for harsh climates. Models with premium materials last longer and perform reliably.

Noise Levels

Loud operation can be disruptive. Look for quiet technology that allows for peaceful poolside enjoyment.

Support & Warranty

A heat pump is an investment. Reliable brands offer strong warranties and support for installation and maintenance.

Questions to Ask Before Buying

- ✓ What is the energy efficiency rating?
- ✓ Does it use inverter technology?
- ✓ How quickly does it heat the pool?
- ✓ Is it built for local conditions?
- ✓ How quiet is it?
- ✓ What warranty and support are offered?

Considering these factors helps ensure your heat pump delivers the best long-term performance and savings.

2. Pool Heating 101

How to Choose the Best System

Selecting the right pool heating system depends on your budget, climate, and usage.

Here's a breakdown of your options, with a strong focus on energy-efficient choices:

1. Heat Pumps

Best for Efficiency & Year-Round Use

- Uses ambient air to heat water efficiently.
- Low operating costs and eco-friendly.
- Works in various climates, though slightly slower to heat.
- Ideal for frequent pool use.

2. Solar Heating

Best for Long-Term Savings & Sustainability

- Harnesses free solar energy, cutting running costs.
- Highly durable with minimal maintenance.
- Works best in sunny regions but may need a backup heater.
- Eco-friendly and cost-effective over time.

3. Gas Heaters

Best for Fast Heating & Occasional Use

- Heats water quickly, great for spas or occasional use.
- Works in any climate, regardless of weather.
- High fuel costs and less energy-efficient.
- Better suited for short-term heating needs.

4. Electric Heaters

Best for Small Pools & Spas

- Simple installation and reliable heating.
- Slow to heat and expensive to operate.
- Best for small pools or spa setups.

For the best balance of cost and efficiency, heat pumps and solar heating are the top choices!

3. Energy Efficiency & Cost Savings

Keeping your pool warm doesn't have to break the bank!

By choosing the right heating system and energy-saving techniques, you can enjoy a comfortable swim while reducing costs.

Here are some of the best ways to maximize efficiency and save money:

✓ **Inverter Heat Pumps**

Units like the Nova V2 Heat Pump from Supreme Heating, adjust compressor speed to optimise efficiency and minimise energy waste.

✓ **Solar Pool Heating**

Uses free energy from the sun to maintain warm water with minimal running costs.

✓ **Pool Covers**

Reduce heat loss and evaporation by up to 97%, helping retain warmth and cut down heating expenses. Supreme Heating's pool covers ensure maximum energy efficiency by preventing heat loss overnight and during cooler months.

✓ **Variable-Speed Pool Pumps**

Reduce electricity consumption, lowering operating costs by up to 80% compared to single-speed pumps.

By combining these strategies, you can enjoy a warm pool year-round while keeping energy costs low!

Cost Comparison

When evaluating pool heating options in Australia, it's essential to consider both the initial installation costs and the ongoing operational expenses.

Here's a concise comparison:

Solar Pool Heating

- **Initial Installation Costs:** Approximately \$2,800 to \$5,000*
- **Annual Operating Costs:** Approximately \$192 to \$480*

Electric Heat Pumps

- **Initial Installation Costs:** Generally, between \$2,800 and \$5,000*
- **Annual Operating Costs:** Approximately \$600 to \$2,040*

Gas Heaters

- **Initial Installation Costs:** Typically ranges from \$2,800 to \$5,000*
- **Annual Operating Costs:** Approximately \$1,200 to \$3,000*

Pool Pumps

- **Annual Operating Costs:** The pool pump alone can account for about 18% of your total annual household energy consumption, with overall pool running costs estimating between around \$660 and \$1,000 a year**

Additional Considerations:

- **Energy Efficiency:** Upgrading to energy-efficient, variable-speed pool pumps can significantly reduce electricity consumption, leading to lower operating costs.
- **Climate and Usage:** Local climate conditions and frequency of pool use play crucial roles in determining both the initial choice of a heating system and its operational costs.

4. Durability & Maintenance

Making Your System Last

Investing in a high-quality heating system ensures long-term savings and hassle-free operation.



- ✓ **Durable Materials**
Opt for systems with anti-corrosion components, like Supreme Heating's VortexPro Plus Heat Pump, designed to withstand Australian conditions.
- ✓ **Regular Maintenance**
Clean filters, inspect components, and schedule annual servicing to maintain efficiency.
- ✓ **Use Pool Covers**
Helps retain heat and protect the system from excessive wear.
- ✓ **Water Quality Management**
Ensuring balanced pH levels prevents damage to heating equipment.

Things to Consider

- Upgrading to a variable-speed pump can save Australian pool owners \$700 per year on energy bills.
- Properly circulated water prevents algae growth and bacteria buildup, reducing the need for expensive chemical treatments.
- Investing in an efficient pump helps lower electricity bills and extends the lifespan of heating systems by reducing strain on components.

5. Lifestyle & Comfort

Creating Your Perfect Pool Experience

A well-heated pool enhances your lifestyle, offering comfort for relaxation, health, and social gatherings.

Here's how pool heating transforms your experience:



More Family Time

A heated pool encourages more frequent family swims and outdoor bonding.



Health & Wellness

Hydrotherapy and exercise in warm water provide numerous health benefits.



Year-Round Enjoyment

A warm pool extends the fun beyond summer months, making it a valuable addition to your home.



Therapeutic Benefits

Many physiotherapists recommend swimming in warm pools for rehabilitation and stress relief.



QUICK CHECKLIST

FOR CHOOSING A HEATING SYSTEM

- Will you swim year-round or just in warmer months?
.....
- Assess your climate and pool usage.
.....
- Consider upfront costs vs. long-term savings.
.....
- Electric heaters can be costly to run; heat pumps offer a balance of efficiency and performance.
.....
- Solar and heat pumps reduce your carbon footprint.
.....
- Choose durable, low-maintenance systems like solar or heat pumps.
.....
- Use pool covers and variable-speed pumps to boost efficiency.
.....
- Do you get enough sun for solar heating?
.....
- Prioritize heat pumps or solar for lower running costs.
.....



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Get Expert Advice

Not sure which system is right for you?

Contact Supreme Heating today for a **free quote** and let us help you find the perfect heating solution for your pool.

With the right heating solutions, your pool can become a year-round paradise, increasing home value, reducing costs, and enhancing your lifestyle.

Make the smart choice today!

www.supremeheating.com.au

Call: 1300 787 978



30-YEAR
WARRANTY



ENGINEERED
FOR DURABILITY



HIGHEST
EFFICIENCY



AWARD WINNING
TECHNOLOGY