

MasterTemp[®]

High Performance Heater
By Pentair Pool Products[®]



*Ultra-high performance in a compact,
quiet and eco-friendly design*



No matter what your criteria for top performance and value, MasterTemp® meets them all

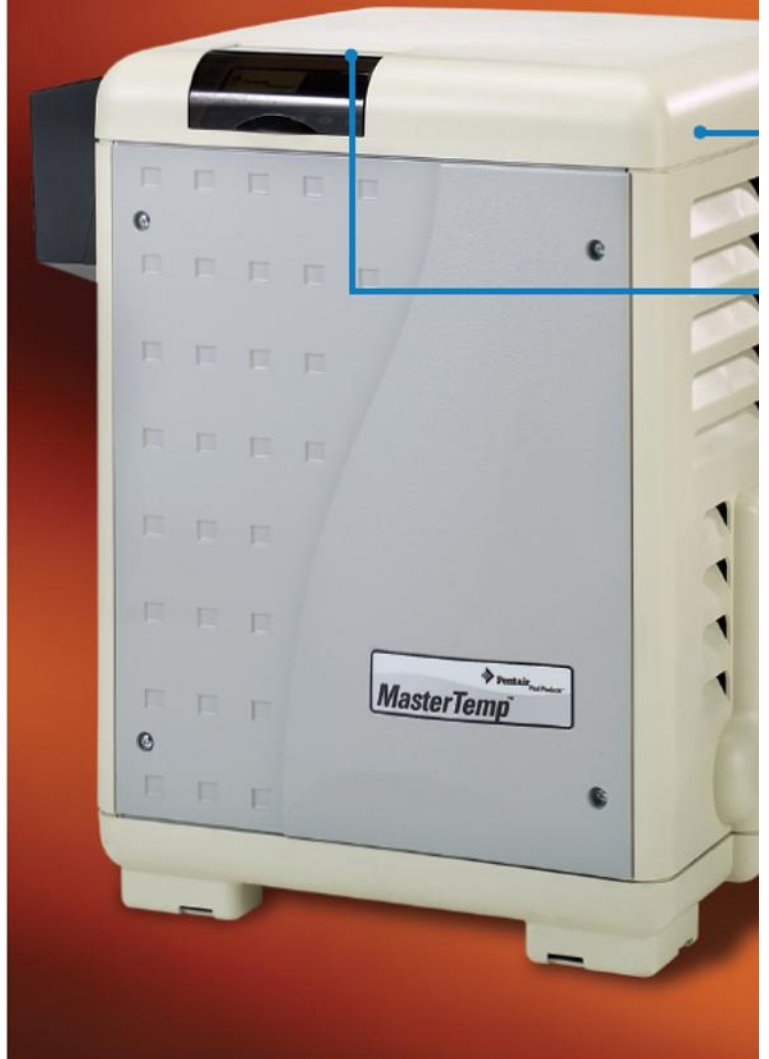


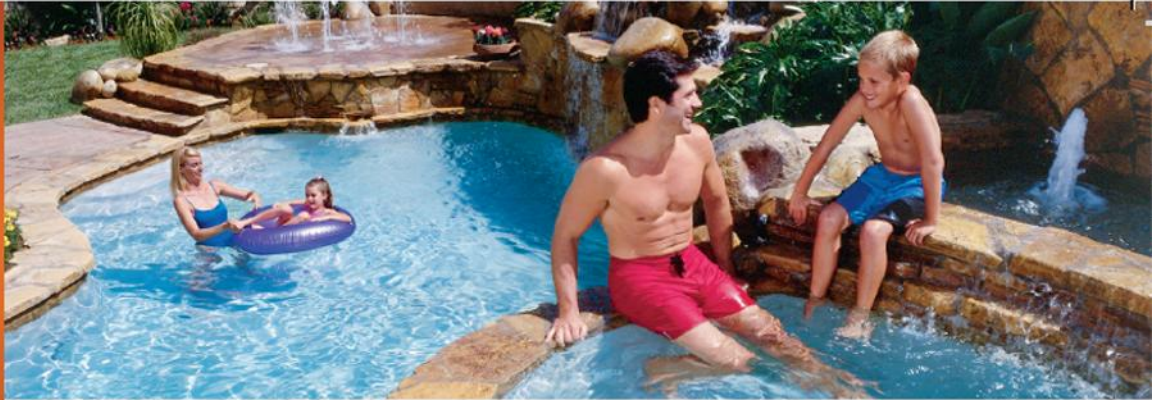
Fast, efficient, compact, quiet, safe and eco-friendly

No matter what you're seeking in your swimming pool heater, MasterTemp® measures up. Compare this list of features to any other and you'll see why MasterTemp is setting a new standard for total value.

- ✓ Very compact design for such a high performance heater allows for smaller overall equipment pads that won't intrude on your poolside.
- ✓ A fully pre-mixed system with a highly efficient air and gas mixture lets MasterTemp heat up fast. No long waits before enjoying your pool or spa.
- ✓ Compare energy efficiency ratings and you'll find MasterTemp at the top of the list. Comfort and economy can go together.
- ✓ With a hot surface ignition (no pilot light) and pushbutton, digital controls, MasterTemp is as easy to operate as your home heating system. Plus, user-friendly indicator lights make system operation and monitoring a snap.
- ✓ The easy-to-view, rotating digital display places controls front and center, no matter how MasterTemp is positioned on your equipment pad.
- ✓ MasterTemp is engineered for super-quiet operation and won't intrude on your poolside leisure time.
- ✓ A tough, rustproof composite exterior handles the heat and weathers the elements.
- ✓ Eco-friendly, MasterTemp is certified for low NOx emissions and outperforms industry standards.
- ✓ Safe operation is assured through a series of features, including: a water pressure switch that senses the pump is running to prevent overheating; high limit switches assure the heater turns off if water temperature exceeds factory-set limits; manual gas shut-off when service is required; stack flue sensor also guards against overheating.
- ✓ Approved for installation on combustible surfaces.

Don't be left out in the cold with heaters that don't measure up to today's longer list of must-have features. Insist on MasterTemp and you're insisting on better performance and lifetime value.





Easy to install or retrofit in even the tightest space — models 200, 300 and 400 — all measure 53cmL x 53cmW x 71cmH

Rotating digital display means more installation options and easier access to view operating information

Rustproof, tough composite exterior for long life

Available in natural gas and propane models.

Pool Sizing*

°C Temperature Change/ 24 Hrs.	Heater Size		
	200 MJ/hr	300 MJ/hr	400 MJ/hr
	Pool Capacity in Litres per 1000l		
3	358	511	681
5	215	306	409
8	134	192	255
10	107	153	204
12.5	86	123	164
15	72	102	136
18	60	85	114
20	54	77	102

Spa Sizing *

Spa Size in Litres	Temperature gain 10°C	Time to heat in minutes		
		Heater size		
		200 MJ/hr	300 MJ/hr	400 MJ/hr
750		8	6	4
1000		11	7	6
1500		16	11	8
2000		21	15	11
2500		27	19	14
3000		32	22	17
4000		43	30	22
5000		53	37	28

Note: The chart is based on a 16.6°C temperature rise, discounting water surface heat losses and only based on heat required to raise water temperature in minutes. Two-year limited warranty. See warranty for details.

* See your Sydney Pool & Spa Heating representative for details or contact us for more information. Ph: 0408227581 Web: www.sydneypoolheating.com.au

An example using the pool sizing table:

If you have a 107,000 litre (170 m³) swimming pool, using the **200MJ/hr** gas pool heater, you can achieve 10° C temperature gain in 24 hours. This assumes that there will be no water surface heat loss over this period. **This is not the case!** However, if you could use an appropriate pool blanket, such water surface heat losses would be negligible. Additionally for this swimming pool, using the **200MJ/hr** gas pool heater for 12, 8, 6 hours you could expect a 5°, 3.3°, 2.5° C water temperature rises respectively, subject to negligible water surface heat losses. Why is that so?

For faster heating, use the **400MJ/hr** gas pool heater to achieve about 18°, 9°, 4.5°, 2.25° C water temperature rises in 24, 12, 6, 3 hrs respectively.

MasterTemp's easy-to-read controls make system operation and monitoring simple. Pool and spa temperatures can be pre-set and controlled with the push of a button. A digital display indicates the water temperature, and five LED lights give you system status and let you know if the heater needs service.

Why MasterTemp[®] heaters are the "greenest" choice



An Eco Select[™] Choice

MasterTemp[®] high performance heaters offer best-in-class energy efficiency. Plus, they are certified for low NOx emissions, making them eco-friendly favorites. That's why MasterTemp is an Eco Select choice.

The Eco Select brand identifies our "greenest" and most efficient equipment choices. These products save energy, conserve water, eliminate noise, or otherwise contribute to a more environmentally responsible equipment system.

As the global leader in pool and spa equipment manufacturing, we strive to provide greener choices to our customers. We hope you'll join us in embracing more eco-friendly poolscapes by choosing Eco Select products for your swimming pool.

Best-in-class energy efficiency

- High efficiency rating makes these heaters extremely economical to operate. If your pool heater is more than 5 years old, chances are a MasterTemp could quickly pay for itself in utility bill savings.
- Optimized fuel/air mix provides superior efficiency and faster heat up.

Certified for low NOx emissions

- In fact, our heaters outperform current industry standards for air pollution exhaust.

Super-quiet operation

Built to last longer

- Tough composite exterior won't corrode; stands up to both heat and weather.

Available from:
Sydney Pool & Spa Heating
Ph: 0408227581

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