

# MasterTemp<sup>®</sup>

High Performance Heater  
By Pentair Pool Products<sup>®</sup>



*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

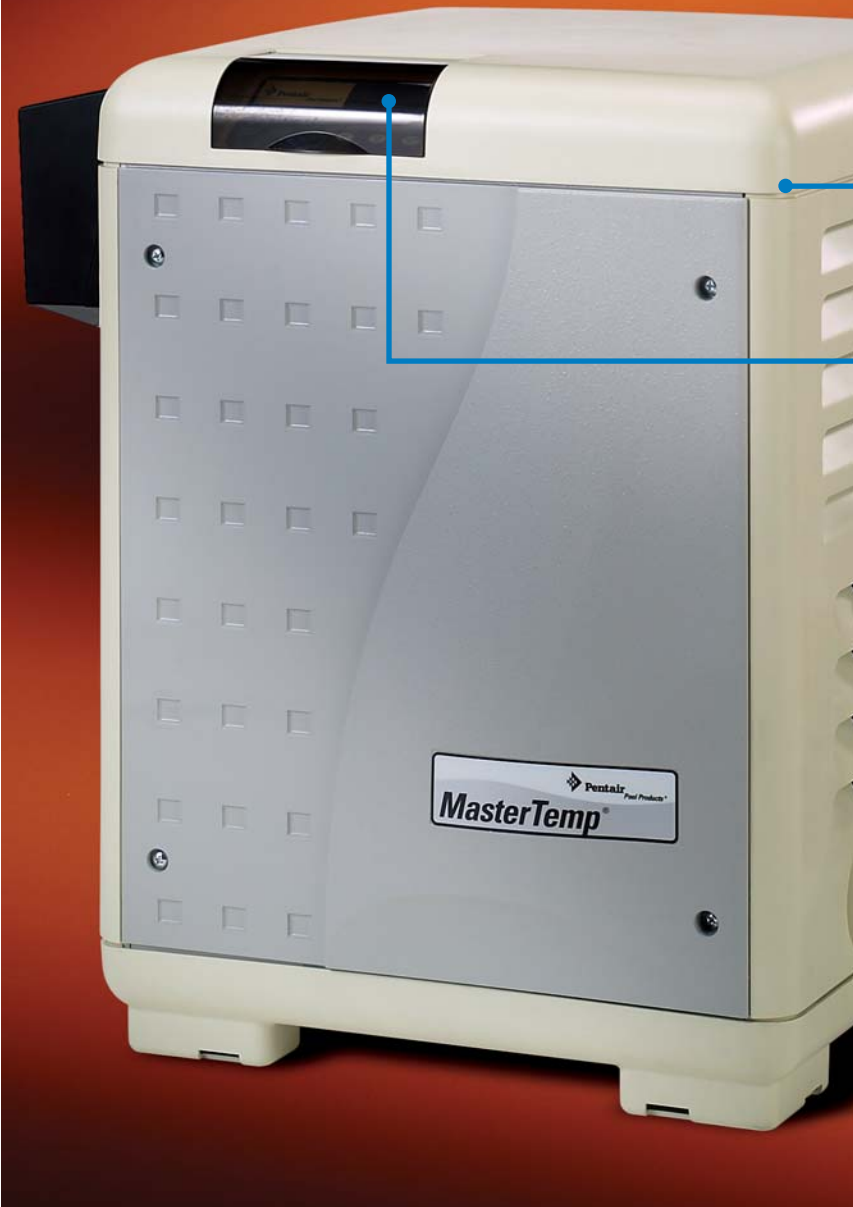


## Fast, efficient, compact, quiet, safe and eco-friendly

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 poolscape.
- ✓ 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 from 200M to 400M BTUs — all measure 21L x 21W x 28H

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

°F Temperature Change/ 24 Hrs.	Heater Size				Heater Size			
	Model 200	Model 250	Model 300	Model 400	Model 200	Model 250	Model 300	Model 400
	Pool Capacity in Gallons				Pool Surface Area in Sq. Ft. at 5.5' Depth			
5	97,383	121,729	146,075	194,766	2,364	2,955	3,546	4,727
10	48,691	60,864	73,037	97,383	1,182	1,478	1,773	2,364
15	32,461	40,576	48,692	64,922	788	985	1,182	1,576
20	24,346	30,433	36,519	48,691	591	739	887	1,182
25	19,477	24,346	29,216	38,953	473	591	710	945
30	16,230	20,288	24,345	32,461	394	493	591	788
35	13,912	17,390	20,868	27,824	338	423	507	675
40	12,173	15,216	18,260	24,346	295	369	443	591

## Spa Sizing

Model	Spa Volume (Gallons)								
	200	300	400	500	600	700	800	900	1,000
Minutes for 30°F Temperature Rise (Heater Input in 1000 BTU/HR)									
200	18.0	27.0	35.0	44.0	53.0	62.0	71.0	80.0	89.0
250	15.8	23.5	30.8	38.5	46.5	54.3	62.0	70.0	77.8
300	13.5	20.0	26.5	33.0	40.0	46.5	53.0	60.0	66.5
400	9.0	13.0	18.0	22.0	27.0	31.0	35.0	40.0	44.0

Note: The chart is based on a 30°F (55.6°C) temperature rise, discounting losses and only based on heat required to raise temperature in minutes. Two-year limited warranty. See warranty for details.

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.

More

# Innovative Products

to increase your pool enjoyment and convenience

## IntelliFlo® 4x160 High Performance Pump —

Save 30% on energy costs! The first programmable, variable speed technology pump combines a more efficient, best-in-class pump with world class digital controls. The result is breakthrough energy efficiency, service life, and silent operation.



## IntelliChlor® Chlorine Generator —

Turns ordinary table salt into chlorine right in your pool! Get the same sanitization performance as manual chlorine addition, but without the odor, stinging eyes, irritated skin, and bleached-out swimsuits. For perfect water that's simple, safe, and automatic, choose IntelliChlor.



## EasyTouch® Automation Systems —

Provides push-button programming and hands-free control of four to eight pool and spa equipment functions. Scheduling and operating filtration cycles, pool and spa lights, jets, landscape lights, water features and more is now blissfully automatic. No system is simpler to operate! And now you can choose models with the IntelliChlor® Chlorine Generator built in.



## Automated Color-Changing Pool and Spa Lights —

Enjoy dramatic lighting effects with IntelliBrite™ and SAm®/SAL® pool and spa lights. Both are the brightest and most efficient in their class. IntelliBrite is the energy-efficient LED technology that puts a virtually endless range of underwater lighting effects at your command. Choose from one of five predetermined fixed colors, or seven pre-programmed "color shows" to build energy and excitement into your evening. SAm and SAL halogen lights can provide a constantly changing underwater light show, or pause to bathe your pool or spa in a single captivating color. Synchronize color changes in your pool and spa by combining SAm and SAL for dramatic color harmony. Or create a truly unique and spectacular swimming colors effect with the IntelliTouch® automation system and our exclusive Swimming Colors™ program.



**Available from:**



Because *reliability* matters most®

[www.pentairpool.com](http://www.pentairpool.com)

Phone: 800-831-7133 Fax: 800-284-4151

pumps / filters / heaters / heat pumps / automation / lighting / cleaners / sanitizers / maintenance products