



HEATING

MASTERTEMP[®]

HIGH-PERFORMANCE
HEATERS

Trusted, reliable
pool heating.

www.pentair.com/mastertemp



MASTERTEMP[®]

HIGH-PERFORMANCE HEATERS

THE NEXT GENERATION OF POOL HEATERS.

Save money and energy with the leader in pool heaters. The MasterTemp High Performance Heater has earned a reputation for being dependable, easy-to-use, and efficient. And now with the addition of smart connectivity and energy-saving automation, you can ensure your pool is ready whenever you are.



ADD SMART HEATER BYPASS AND SAVE UP TO 35% PER YEAR IN OPERATIONAL COSTS.*

A local bypass valve control automatically diverts water flow when the heater isn't operating.

Stay connected from anywhere

Connect with the Pentair IntelliCenter[®] Control System to control pool functions from across the yard or around the globe with the Pentair Pool app.

Ensure optimal performance

Smart automation functionality and ignition control module with flame strength sensor ensures your heater performance is optimized for your pool at all times. Plus, you'll automatically receive alerts when heater needs attention.

Interact quickly and intuitively

Full text digital display combines new functions and a user-friendly menu for easy operation and diagnostics.

Engineered to last

Constructed with UV-resistant engineered plastics and a durable copper or cupronickel heat exchanger, the MasterTemp Heater will provide reliable operation to keep your pool at the perfect temperature.

MasterTemp heaters are available in a range of heat output capacities from 200,000 BTU to 400,000 BTU.

*Savings based on lab testing conducted using MasterTemp 400 heater in conjunction with IntelliFlo VSF Pump and Bypass Kit which includes IntelliValve controlled by heater. Test Conditions: Pump flow rate: 50gpm. Pump run time: 3000 hours/yr. Heater run time: 100 hours/yr. Electrical Cost: \$0.21 per kWh. System TDH: Heater and Bypass Kit added to Standardized 'Curve C' System. Curve performance data as per California Energy Commission Title 20 Appliance Efficiency Regulations. Test conditions assume pump flow rate of 50gpm and Constant Flow operation utilizing a lower motor RPM when flow is bypassing the heater due to lower system TDH. Actual performance and any subsequent energy consumption/savings are dependent upon various characteristics of the plumbing system, including but not limited to; pipe size, pipe lengths, filter type, fittings, system design, equipment run time/settings, and more.



5500 Wayzata Blvd. | Golden Valley, MN 55416 | United States | 800.831.7133 | www.pentair.com

All indicated Pentair trademarks and logos are property of Pentair. Third party registered and unregistered trademarks and logos are the property of their respective owners.

©2024 Pentair. All rights reserved. Pentair.com

P1-004 09/2024

ULTRATEMP®

HIGH-PERFORMANCE HEAT PUMP

The most energy efficient way
to heat your pool and spa.



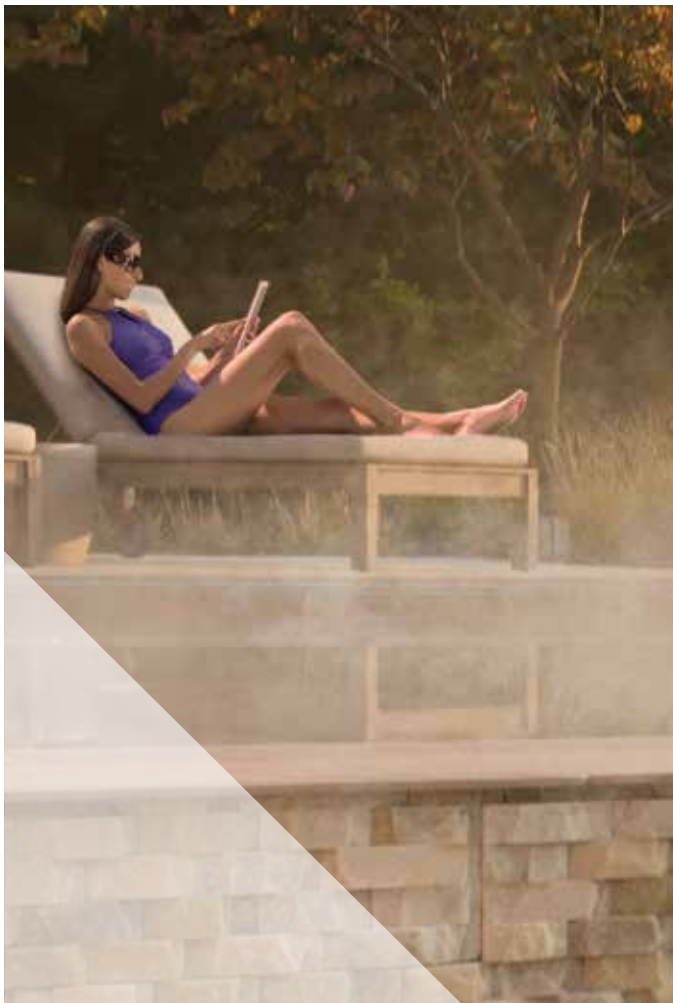
PENTAIR.COM



BEST-IN-CLASS PERFORMANCE AND EFFICIENCY.

Easy on the environment. Easy on your wallet.

Looking to heat your pool without breaking the bank? Look no further than the UltraTemp High Performance Heat Pump. Heat pumps capture free heat in the air and transfer it to your pool water, making it one of the most energy efficient ways to heat your pool or spa. Compared to gas, oil, or electric heaters, the UltraTemp High Performance Heat Pump uses just a fraction of the energy to generate the same amount of heat. In fact, heat pumps can be over 5X more efficient than other heating methods. That means more comfortable water and a longer swim season for you and your family.



Quiet operation

Sound insulating construction to keep noise at a minimum. For those looking for ultra-quiet operation, the all new UltraTemp120Q is our quietest heat pump ever!



Automation ready

Pair with the Pentair Automation and you can control your pool functions from across the yard or around the globe.



Environmentally friendly

Ozone-friendly refrigerant and low energy consumption, make UltraTemp heat pumps not only economical but environmentally friendly as well.



Titanium heat exchanger

100% titanium heat exchanger assures corrosion-free performance backed by our lifetime warranty.



Heat/cool functionality

Available with heat/cool functionality that can automatically heat or chill your pool to your desired temperature.



Industry leading warranty

Ten-year warranty on compressor parts and labor, plus lifetime warranty on titanium heat exchanger. (go to www.pentair.com/warranty for details).



Easy to use

Intuitive menu driven controls with full-word readout for easy operation.

Ultra-quiet operation

Noise dampening composite side panels, raised top panel construction as well as redesigned fan; result in ultra-quiet operation.

Intelligent control

Smart on-board controls to control the unit or to pair with Pentair Automation Systems.

Durable composite cabinet

Long-life, corrosion-resistant composite cabinet retains a like-new appearance for years.

2" plumbing connections

Standard 2" plumbing connections for easy installation.

Scroll compressor

Quiet and efficient scroll compressors come standard on all UltraTemp models backed by a 10-year warranty for parts and labor.

Noise dampening side panels

The UltraTemp 120Q model has noise dampening composite side panels to help reduce compressor and fan noise.

NEW ► ULTRATEMP® 120Q

TRADEGRADE

All UltraTemp models are now TradeGrade. The TradeGrade family of products is exclusively made for and sold by the world's most demanding pool professionals.

ULTRATEMP®

HIGH-PERFORMANCE HEAT PUMP



COMPARING THE COST TO HEAT YOUR POOL AND SPA

Heater/Fuel Type	Efficiency	Cost Per Unit	Unit of Measure	BTU/\$1.00
UltraTemp Heat Pump	5.80	\$0.12	kWh	164,962
Natural Gas Heater	0.84	\$1.13	Therm.	74,336
No.2 Heating Oil Heater	0.75	\$3.75	Gal.	36,933
Electric Resistance Heater	1.00	\$0.12	kWh	28,442
L.P. Gas Heater	0.84	\$2.73	Gal.	28,000

Costs are based on 2019 national average fuel costs and efficiencies (source: Federal Register). Please consult your local provider for current pricing.

ULTRATEMP HEAT PUMP ORDERING INFORMATION

Model	Part # (Almond)	Part # (Black)	80/80/80* BTU/COP	80/63/80* BTU/COP	50/63/80* BTU/COP	Breaker Size (amp)	Voltage (V/Hz/Phase)	Dimensions (LxWxH)
UltraTemp 70	460930	460960	75,000/5.8	70,000/5.7	50,000/4.1	40	230/60Hz/1	39x31x33.5
UltraTemp 90	460931	460961	90,000/5.7	84,000/5.5	60,000/4.0	50	230/60Hz/1	39x31x33.5
UltraTemp 110	460932	460962	108,000/6.0	101,000/5.8	72,000/4.0	50	230/60Hz/1	39x31x44.5
UltraTemp 120 H/C	460935	460965	127,000/5.6 (Heat) 71,000/4.1 (Cool)	120,000/5.4	82,000/4.0	50	230/60Hz/1	39x31x44.5
UltraTemp 120C	460937	460967	123,000/5.6	115,000/5.3	81,000/4.0	50	230/60Hz/3	39x31x44.5
UltraTemp 120Q	460833	460863	127,000/5.7	120,000/5.5	82,000/4.0	50	230/60Hz/1	39x31x48.2
UltraTemp 140	460934	460964	143,000/5.8	134,000/5.6	88,000/4.0	50	230/60Hz/1	39x31x44.5
UltraTemp 140 H/C	460958	460959	140,000/5.6 (Heat) 71,000/4.1 (Cool)	132,000/5.4	85,000/4.0	50	230/60Hz/1	39x31x44.5
UltraTemp 140C	460928	460929	140,000/5.8	132,000/5.6	86,000/4.0	50	230/60Hz/3	39x31x44.5

*Rating in accordance with ARI Standard 1160 (air temp. F° 1% relative humidity/water temp. F°).



The UltraTemp High Performance Heat Pump has earned the Eco Select® brand distinction as one of the greenest and most efficient choices from Pentair.



The TradeGrade family of products is exclusively made for and sold by the world's most demanding pool professionals.



The AHRI Certified mark is applied only to HVACR equipment and components that have been independently tested to certify that manufacturers' performance claims are accurate.

1620 Hawkins Ave | Sanford, NC 27330 | United States | 800.831.7133 | pentair.com

All Pentair trademarks and logos are owned by Pentair plc, or one of its global affiliates. UltraTemp® and Eco Select® are registered trademarks of Pentair Water Pool and Spa, Inc. and/or its affiliated companies in the United States and/or other countries. Because we are continuously improving our products and services, Pentair reserves the right to change specifications without prior notice.

Pentair is an equal opportunity employer.

PI-046 9/19 ©2019 Pentair Water Pool and Spa, Inc. All rights reserved.

