



ULTRATEMP[®]

HIGH PERFORMANCE HEAT PUMP



WATER SOLUTIONS

SIMPLY THE MOST ECONOMICAL WAY TO HEAT YOUR POOL AND SPA



BEST IN CLASS PERFORMANCE AND EFFICIENCY. **ENVIRONMENTALLY SUPERIOR.** MORE STANDARD FEATURES THAN ANY OTHER.

With today's record energy costs, there's never been a better time to invest in a heat pump. Compared to gas, oil or electric heaters, UltraTemp® High Performance Heat Pumps use just a fraction of the energy to generate the same amount of heat. In fact, just 20¢ worth of electricity produces \$1.00 worth of heat generated by other methods. That means more comfortable water temperatures and longer swimming seasons for you and your family.

Why should you choose an UltraTemp heat pump? That's easy. It offers the longest list of standard features available.

- The UltraTemp heat pump provides an AutoSet™ feature as standard. It monitors water temperature and turns the pump on and off as needed, overriding the time clock to maintain desired temperature. It's the ultimate in convenient, hands-free comfort control.
- The UltraTemp heat pump features the legendary Emerson® Copeland Scroll® Compressor that's more efficient, durable, reliable and quieter than any piston-driven compressor*. It's the best of the best.
- Pentair® heat pumps have been using the EPA-recognized, environmentally safe, non-ozone depleting R-410A refrigerant for nearly 10 years. This has allowed the UltraTemp heat pump to be awarded the Eco Select® brand for environmental responsibility.
- 100% titanium heat exchanger assures corrosion-free performance for extra long life and value.
- LCD control board displays an intuitive, menu-driven readout with easy to follow, full word messages—no codes to memorize.
- Self-diagnostic software continuously monitors system for peak performance.
- Thermostatic Expansion Valve (TXV) controls refrigerant flow for optimum efficiency and BTU output over a wider operating temperature range.
- Automatic defrost feature senses refrigerant temperature and prevents the UltraTemp heat pump from freezing, allowing the unit to operate effectively at even lower temperatures than many competing products.
- Perfect companion to IntelliTouch® or EasyTouch® Control Systems—all heat pump instructions and displays can be transferred to a centralized control system that manages all your pool/spa operations and poolscape features.
- ETL listing is your assurance of safer, dependable operation.
- BTU and efficiency independently certified by the Air Conditioning, Heating, and Refrigeration Institute (AHRI). 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.
- 10-year compressor parts and labor warranty and lifetime warranty on the titanium heat exchanger. See limited warranty for details.

Clearly, a heat pump is the best choice for pool heating. Also clear is the best-in-class performance and value of the fully-featured UltraTemp heat pump. Contact your pool professional today to learn which model is right for your pool.

*UltraTemp 3 phase heat pump models 460937 and 460967 are equipped with a Danfoss® Compressor.



The UltraTemp heat pump has earned the Eco Select brand, indicating it is one of our "greenest" and most efficient equipment choices.

AUTOMATIC HEATING/COOLING FEATURE!

Pentair® H/C model heat pumps are equipped to automatically heat or cool your pool water based on temperatures you set. Select the AUTO mode and the intelligent thermostat will automatically command the heat pump to heat or cool the water to your selected temperature.

Note: Pentair Water Pool and Spa, Inc. is a member of the Air Conditioning, Heating and Refrigeration Institute (AHRI).

Digital controls with dual thermostats offer precise temperature control for pool/spa combinations and avoid overheating and energy waste

Self-diagnostic controls monitor and troubleshoot heat pump operations to ensure safer, dependable operation

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

2" plumbing connections for easy installation



COMPARING THE COST TO HEAT YOUR POOL AND SPA

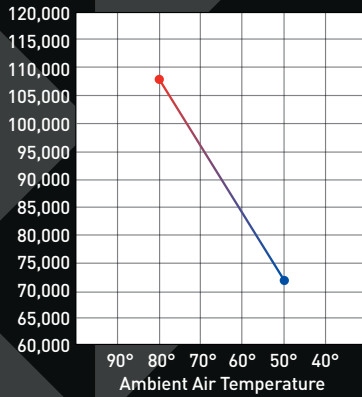
HEATER/FUEL TYPE	COST	BTU/\$1.00
ELECTRIC	\$.1065/kWh	32,000
LP GAS	\$1.87/Gal	40,100
OIL	\$2.22/Gal	47,200
NATURAL GAS	\$1.218/Therm	67,300
ULTRATEMP HEAT PUMP	\$.1065/kWh	185,600

This chart illustrates how an UltraTemp heat pump generates 2.75 to 5.8 times more heat for the same cost. Costs are based on national average fuel costs and efficiencies (Source: Federal Register). Please consult your local provider for current pricing.

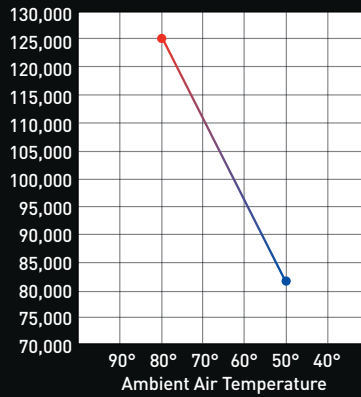
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HIGH PERFORMANCE HEAT PUMP

Heating BTU Rating per Hour
UltraTemp 110



Heating BTU Rating per Hour
UltraTemp 120 & 120 R/H/C



ORDERING INFORMATION

Part #	Model	80/80/80* BTU/COP	80/63/80** BTU/COP	50/63/80** BTU/COP	Freq (Hz)	Breaker Size (amp)	Phase	Wire Size	Volt	Carton Wt
ULTRATEMP HEAT PUMPS										
Color: Almond										
460930	70	75,000/5.9	70,000/5.7	50,000/4.1	60	40	1	10	230	230
460931	90	90,000/5.8	84,000/5.5	60,000/4.0	60	50	1	8	230	230
460932	110	108,000/5.8	101,000/5.5	72,000/4.0	60	50	1	8	230	270
460933	120	125,000/5.5	117,000/5.3	82,000/4.0	60	50	1	8	230	270
460935	120 R H/C	125,000 Heat/5.4 71,000 Cool/4.1	117,000/5.2	82,000/4.0	60	50	1	8	230	278
460937	120 C	125,000/5.7	115,000/5.3	81,000/4.0	60	50	3	8	230	280
Color: Black										
460960	70 BLK	75,000/5.9	70,000/5.7	50,000/4.1	60	40	1	10	230	230
460961	90 BLK	90,000/5.8	84,000/5.5	60,000/4.0	60	50	1	8	230	230
460962	110 BLK	108,000/5.8	101,000/5.5	72,000/4.0	60	50	1	8	230	270
460963	120 BLK	125,000/5.5	117,000/5.3	82,000/4.0	60	50	1	8	230	270
460965	120 R H/C BLK	125,000 Heat/5.4 71,000 Cool/4.1	117,000/5.2	82,000/4.0	60	50	1	8	230	278
460967	120 C BLK	125,000/5.7	115,000/5.3	81,000/4.0	60	50	3	8	230	280

*Rating outside the scope of ARI Standard 1160 [air temp. F° 1% relative humidity/water temp. F°]

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

AVAILABLE FROM:



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

