



America's highest BTU-rated heat pumps

MiniMax Plus HP heat pumps transfer the heat from the outside air to your pool, providing the most energy efficient pool and spa heating available. Compared to gas, oil, or electric heaters, MiniMax Plus HP heat pumps operate up to 80% less, saving you hundreds of dollars in energy costs each year. Our heat pumps are not only highly efficient, they're also clean and safe to operate. MiniMax Plus HP heat pumps are America's only ETL-listed pool heat pumps using R410-A, the environmentally safe and clean refrigerant.

Standard features include:

- Dual thermostats offer precise temperature control to maintain the desired separate water temperatures in pool/spa combinations without overheating or wasting energy.
- Long-life corrosion resistant composite cabinet stands up to severe climates and pool chemicals.
- High efficiency Trane® compressor is the most energy efficient, durable, and quiet compressor available.
- Self-diagnostic control panel monitors and troubleshoots heat pump operations to ensure safe, dependable operation.
- ETL-listed for safe operation.
- Compatible with Compool control systems.

Model Number	Description	BTU's/COP†	Breaker Size	Wire Size
460512	MiniMax Plus HP 400	99,000/4.6 62,000/3.2	50 amp	8
460513	MiniMax Plus HP 600	115,000/4.5 68,000/3.0	50 amp	8
460514	MiniMax Plus HP 800	127,000/4.7 82,000/3.5	60 amp	6
460515	MiniMax Plus HP 1000	145,000/4.5 95,000/3.4	60 amp	6
460522	MiniMax Plus HP 1000R Heat/Cool	124,000 Heat/4.6 71,000 Heat/3.0 94,000 Cool	60 amp	6

* Other residential and commercial water source and 3-phase models are available. Please consult your pool professional for the MiniMax Plus HP model to meet your pool/spa requirements.

† BTU=British Thermal Unit, COP=Coefficient of Performance

Note: See applicable spec. sheet for details.



MiniMax® Plus HP Heat Pumps

The environmentally friendly heater that's years ahead of its time

The non-polluting MiniMax Plus HP Heat Pump is so energy efficient, it will keep your pool comfortably warm for just pennies a day—that's far less than gas or electric heaters. And unlike most other American-made heat pump pool heaters, the MiniMax Plus HP uses R410-A refrigerant, the safe, clean, high performance refrigerant that will be available long after R-22 is phased out of production.

Additional features include:

- Cupronickel heat exchanger with foam insulation resists external corrosion and heat loss.
- Each unit undergoes an 11-step finishing process to ensure corrosion resistance and long life.
- Elevated base pan for positive drainage of condensation.
- 2-inch plumbing connections for easy installation.
- Separate isolated electrical compartment prevents internal corrosion, extends heater life.
- 10-year compressor limited warranty; 5-year parts and labor limited warranty.



This Chart will illustrate just how much you can save with a MiniMax Plus HP Heat Pump

Fuel Type	Cost/Per	BTU/1¢
Electric	.075¢/Kwh	455
LP Gas	.99¢/Gal	653
Oil	.99¢/Gal	979
Natural Gas	.65¢/Therm	1077
MiniMax Plus HP	.075¢/Kwh	2093

Costs are based on national average fuel costs and efficiencies. Please consult your local provider for current pricing.

Ask your Pool Professional about Pentair's comfort and convenience options to add a whole new dimension to your pool living:

- ✦ *automatic sanitizers*
- ✦ *automated controls*
- ✦ *heaters*
- ✦ *automatic cleaners*
- ✦ *automated color lighting*



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