ThermalFlo™
Heat Pump
By Pentair Water Pool and Spa™

Slash Pool Heating Costs
to Pennies per Day

With ThermalFlo™ heat from the atmosphere is transferred to your pool or spa, providing the most energy efficient heating available. ThermalFlo is the latest and most technologically advanced heat pump from Pentair Water, the company that brings you energy efficient heaters and heat pumps for every application.

- ThermalFlo can cost up to 80% less to operate, saving hundreds of dollars in energy costs each year.
- Easy-to-use digital controls for precise temperature control of your pool and spa.
- Clean and safe to operate—ETL listed and uses R410-A environmentally safe and clean refrigerant.
- Perfect companion for IntelliTouch® automation controls.

The result? Heating your pool is easier and more economical than ever before.

Compare the Cost

Fuel Type	Cost/Per	BTU/$.01
Electric	$.075/Kwh	455
LP Gas	$.99/Gal	653
Oil	$.99/Gal	979
Natural Gas	$.65/Therm	1077
ThermalFlo	$.075/Kwh	2093

This chart illustrates how a ThermalFlo Heat Pump generates 2 to 4.6 times more heat for the same cost. Costs are based on national average fuel costs and efficiencies. Please consult your local provider for current pricing.
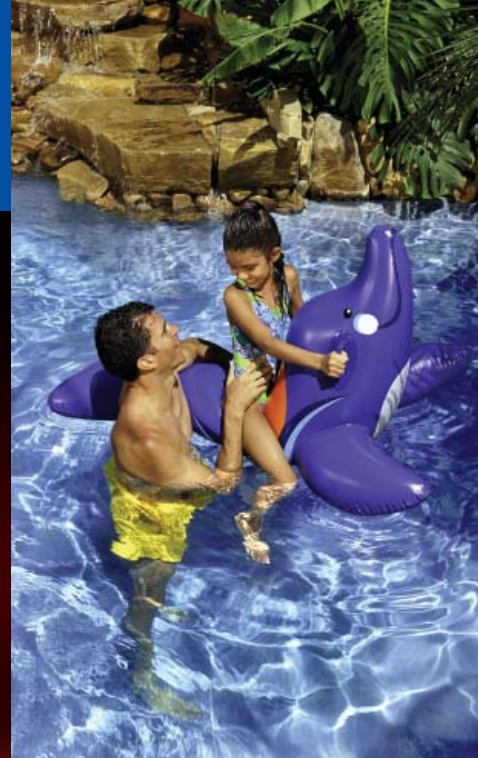
ThermalFlo™ Heat Pump

New fan design improves air flow by 40% to boost operating efficiency.

Digital controls with dual thermostats offer precise temperature control for pool/spa combinations to avoid overheating or wasted energy.

Self-diagnostic control panel monitors and troubleshoots heat pump operations to ensure safe, dependable operation.

Long-life corrosion-resistant composite cabinet stands up to severe climates and pool chemicals.

2-inch plumbing connections for easy installation.

Re-engineered for even greater performance

We've made a great product even better. New housing and fan designs and rigorous product testing make ThermalFlo even more efficient and durable. And we've designed the electrical panel and digital board for easy access to make installation, service, and connection to automation controls fast and simple.

Additional performance and convenience features include:

- High efficiency Trane® compressor is the most energy efficient, durable, and quiet compressor available.
- Cupronickel heat exchanger provides more efficient heat transfer than titanium.
- Separate isolated electrical compartment assures fast installation and easy service.
- New almond color complements any environment.
- Ten-year limited warranty. See warranty for details.
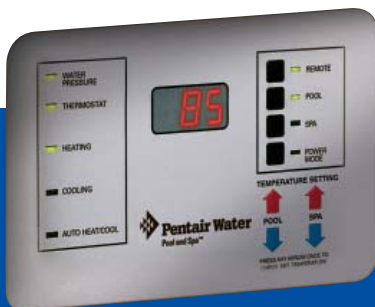
Automatic Heating/Cooling Feature!

Only ThermalFlo offers a model that automatically heats or cools your pool water based on temperatures you set. Select the AUTO HEAT and COOL mode and the intelligent thermostat will automatically heat or cool the water to your selected temperature. Available only on the 1200R H/C model.

Model Number	Description	BTU's/COP†	Breaker Size	Wire Size
460812	ThermalFlo HP 500	99,000/4.0	50 amp	8
460813	ThermalFlo HP 700	107,000/3.8	50 amp	8
460814	ThermalFlo HP 900	117,000/4.0	50 amp	8
460815	ThermalFlo HP 1200	127,000/4.0	60 amp	6
460822	ThermalFlo HP 1200R H/C	124,000 Heat/4.0 91,000 Cool	60 amp	6

Please consult your pool professional for the ThermalFlo model to meet your pool/spa requirements.

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

Available from:

Pentair Water

Pool and Spa™

Pentair Pool Products	Sta-Rite
800.831.7133	800.752.0183
www.pentairpool.com	www.staritepool.com

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