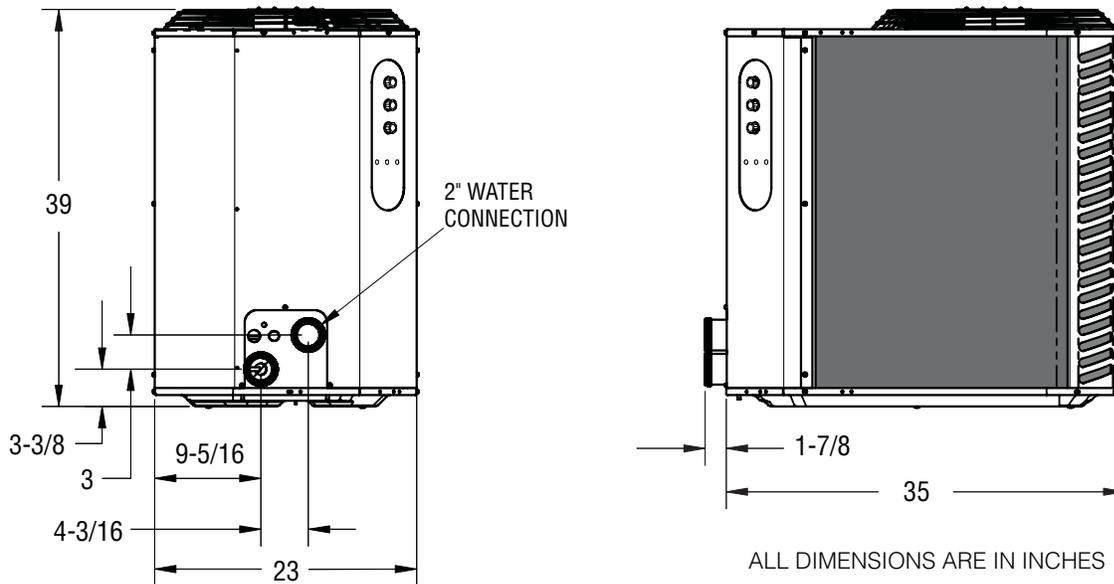


# Technical Data

## Professional Series Heat Pumps



Professional Model	
<b>MODEL</b>	<b>RHP 5100ti</b>
Heat BTUH Output 80°F Air 80% RH 80°F Water	100,000
C.O.P.	4.9
Compressor	Copeland Scroll
Refrigerant	R-22
Voltage	208/230V-1Ph-60Hz
Minimum Circuit Ampacity	38
Maximum Breaker Size (Amps)	50
Electrical Input (kw)	6.0
Heat Exchanger	Titanium
Water Flow (gpm)	25-80
Shipping Weight (lbs.)	325

See our complete line of heat pumps:  
 Classic Series heat pumps, catalog 6000.18.2  
 Specialty Series heat pumps, catalog 6000.18.4

## Swimming Pool and Spa Heating Products



The Pool and Spa Heating Experts<sup>sm</sup>

# Technical Data

## Professional Series Heat Pumps

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### Standard Features

#### Cabinet

- **Exclusive DuraSteel™ Powder-Coated Cabinet**  
Polyester powder-coated, non-corrosive cabinet is more durable than plastic heat pump cabinets. Same rugged steel construction used by all the major air conditioner manufacturers.
- **Small Footprint**  
Great for smaller equipment pads and tight spaces.

#### Coil

- **Large Air Coils**  
Raised lanced-fin design maximizes heating at lower temperatures.
- **Venturi Fan Cowling**  
High-capacity 3000-cfm fan provides unrestricted air flow for better heating.

#### Compressor

- **Scroll Compressor**  
The Copeland Scroll is the leading scroll compressor in quality and reliability. It provides you with higher efficiency, lower sound levels, superior durability and unsurpassed reliability.
- **Sound Isolation Pads**  
Prevents sound transfer to equipment pad and elevates the base pan to improve water drainage.

#### Controls

- **Remote/Local Switch**  
Compatible with the latest automated pool control systems. Exclusive remote/local switch ends the conflict between outside control systems and the heat pumps control system. Great for troubleshooting.
- **Dual Thermostats**  
Allows separate pool and spa temperature settings.
- **Exclusive Direct-Set Thermostat**  
Take the guesswork out of adjusting your pool or spa to your desired temperature. Our direct-set thermostat is easy to use; the numbers are right on the dial.

#### Heat Exchanger

- **Spiral Titanium Tube**  
Our spiral titanium tube heat exchanger provides a corrosion-free waterway that can withstand the abuses of harsh pool chemistry. The spiral tube helps reduce deposit build-up and increases efficiency by performing a “scoop-and-lift” action.
- **Internal Valving**  
Automatically compensates for normal day-to-day changes in your pool's hydraulics, maximizing heat transfer efficiency.
- **Plumbing Connections**  
2” PVC union connections are included for ease of installation. The connections are offset to easily accommodate left side or right side plumbing.

In keeping with its policy of continuous progress and product improvement, Raypak reserves the right to make changes without notice



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## Swimming Pool and Spa Heating Products

