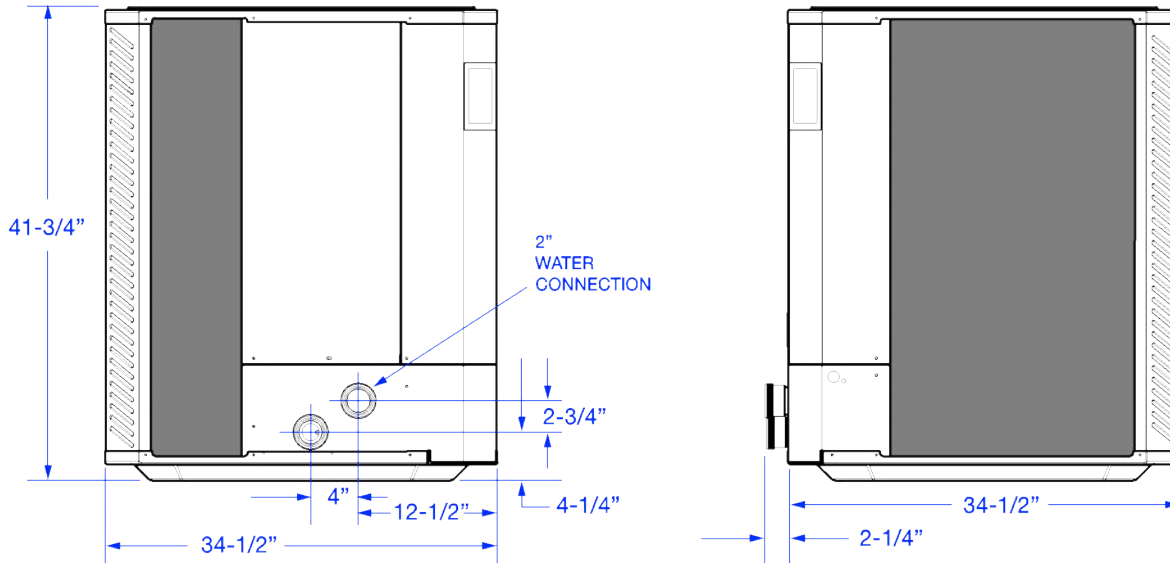


Technical Data

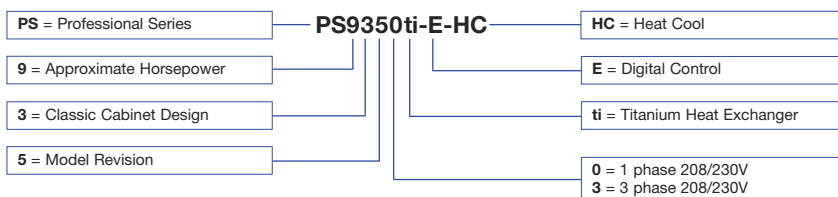
Professional Heat Pump Pool Heaters



MODEL	PS9350ti-E-HC
Heat BTUH Output	140,000/133,000
AHRI 1160* (80,80,80) / (80,63,80)	
C.O.P.	6.1/5.8
Compressor	Scroll
Refrigerant	R-410A
Voltage	208/230V-1Ph-60Hz
Minimum Circuit Ampacity	42
Breaker Size (Amps) min/max	50/60
Electrical Input (kw)	6.7
Heat Exchanger	Titanium
Water Flow (gpm)	30-60
Shipping Weight (lbs.)	363

*Tested to AHRI 1160 All models comply with Florida 4.0 minimum C.O.P. requirement.

Model Designation



The Pool and Spa Heating Experts™

Swimming Pool and Spa Heating Products

Technical Data

Professional Heat Pump Pool Heaters

Professional Model Standard Features

Cabinet

- **Exclusive Stainless Steel Cabinet**
Stainless steel, non-corrosive cabinet is more durable than plastic heat pump cabinets. Same rugged steel construction used by all the major air conditioner manufacturers.

Evaporator Coil

- **Large Air Coils**
Raised lanced-fin design maximizes heating at lower temperatures. Raypak engineered coils are highly optimized to meet our specific design requirements. From the proper fins per inch to advanced distribution circuiting. We are the only heat pump pool heater company to actually manufacture our own coils.

- **Venturi Fan Cowling**

Custom designed low dB fan motor combination generates a lower sound signature. Precision engineered cabinet design eliminates unwanted air gaps. This means more air over the coil which translates to greater efficiency.

Heating and Cooling

- **Heat-Cool Selector Switch**
Go from heat mode to cooling with the push of a button.

Controls - Digital

- **Pool/Spa Control**
Your digital heat pump pool heater contains a new state-of-the-art control which not only provides for different target temperatures for pool and spa, it also allows for additional control features:



- **Remote Compatible**

The digital heat pump pool heater can be easily controlled by most two-wire and three-wire remote systems for Heat or Cool.

- **On Board Diagnostics**

Tells the homeowner if there is a problem. Provides the service technician with detailed diagnostic information. Includes run time and hours of operation, also stores the last 12 recorded faults.

- **Pool Pump Operation**

Built-in control for Raypak variable speed pumps. Also works with any 1,2 and 3 speed pumps.

- **3-way Valve Operation**

Controls your 3-way valves when changing from pool to spa heating mode.

- **Digital Lockout Mode**

Great for commercial properties, keeps guests from making unwanted changes to pool and spa set point temperatures.

- **Brownout Protection**

Prevents damage to the unit when low voltage dips occur during normal operation.

- **Water Flow Switch**

Compressor

- **Scroll Compressor**

Scroll compressors are quiet and efficient compared to piston type compressors. They provide higher efficiency, lower sound levels, superior durability and unsurpassed reliability. The unique design of a scroll compressor actually wears in over time, not out!

- **Sound Isolation Pads**

Prevents sound transfer to equipment pad and elevates the base pan to improve water drainage. Its the little details like this that make Raypak products stand out from the crowd.

Heat Exchanger

- **Spiral Titanium Tube**

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 Bypass Valving**

Automatically compensates for normal day-to-day changes in your pool's hydraulics, maximizing heat transfer efficiency.

- **Plumbing Connections**

Off-set 2" PVC union connections are included for ease of installation. Built-in drain plug helps with winterization.



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

Swimming Pool and Spa Heating Products