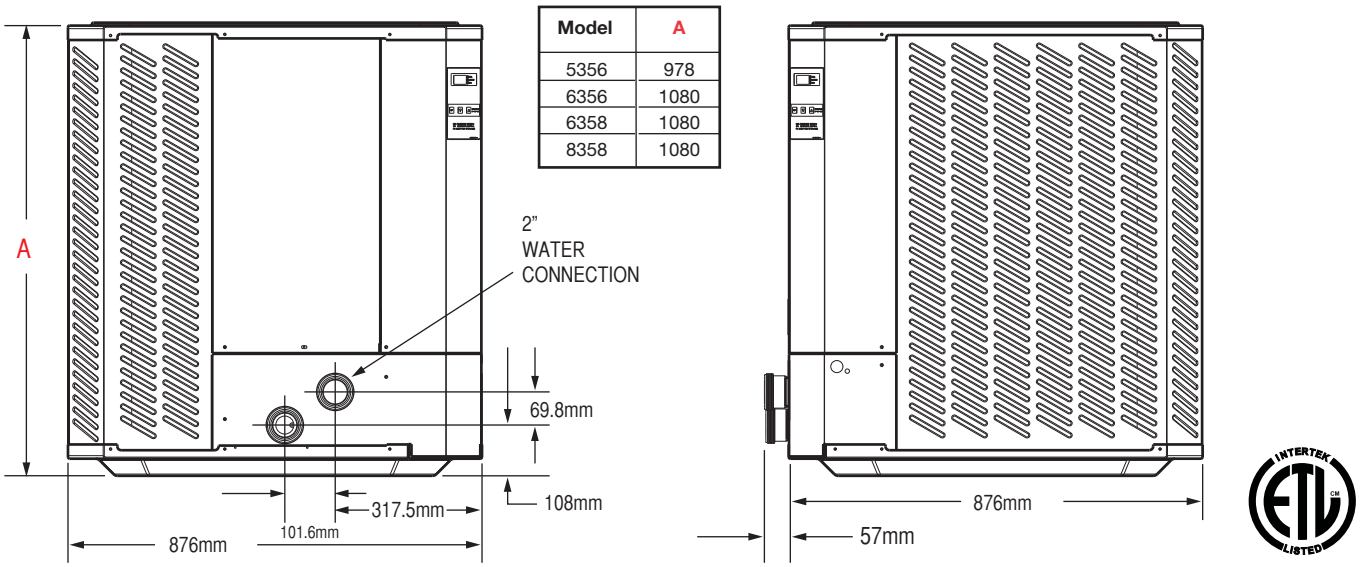
Technical Data
Classic Series Heat Pump Pool Heaters

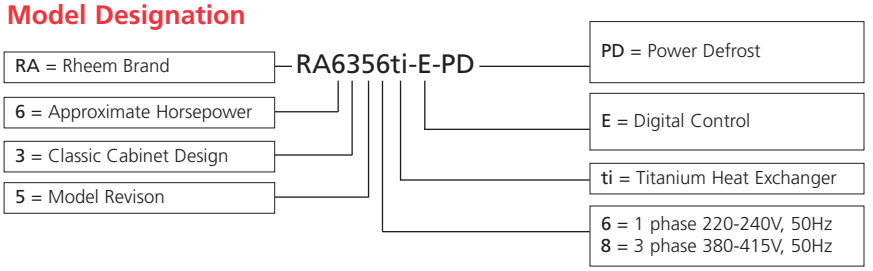


Model	A
5356	978
6356	1080
6358	1080
8358	1080

MODEL	5356	6356	6358	8358
Heating capacity kW AHRI 1160 (26.6,80,26.6)/(26.6,63,26.6)	23/22.3	28/26.5	28/26.5	32/30.1
C.O.P.	6.3	6.0	6.0	5.9
Compressor	Scroll	Scroll	Scroll	Scroll
Refrigerant	R-410A	R-410A	R-410A	R-410A
Voltage	220-240V-1 Ph-50Hz	220-240V-1 Ph-50Hz	380-415V-3 Ph-50Hz	380-415V-3 Ph-50Hz
Minimum Circuit Ampacity, Amp.	32	39	16	18
HVAC Breaker or Fuse, Amp:	Max 50/Min 40	Max 60/Min 50	Max 25/Min 20	Max 25/Min 25
Run Load (Amps)	24.5	29.4	11.2	12.2
Electrical Input	3.5	4.4	4.4	5.1
Heat Exchanger	Titanium	Titanium	Titanium	Titanium
Water Flow (L/sec)	1.0-3.8	1.0-3.8	1.0-3.8	1.0-3.8
Shipping Weight (kg.)	137	141	141	162

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

Model Designation



Swimming Pool and Spa
Heating Products

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Classic Model 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.

Evaporator Coil

- **Large Air Coils**
  Raised lanced-fin design maximizes heating at lower temperatures. Rheem 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**
  High-capacity 3000-cfm fan provides unrestricted air flow for better heating. Precision engineered and manufactured cabinet design eliminates unwanted air gaps. This means more air over the coil which translates to greater efficiency.

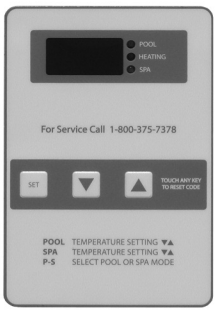
Compressor

- **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!
- **Soft Start**
  As required by Australian electrical safety standards, soft start to the compressor is provided to both single phase models. This ensures a smooth, quiet start-up.
- **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 Rheem products stand out from the crowd.

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 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.

Controls - Digital



- **Pool/Spa Control**
  Your digital heat pump pool heater can be set to have a different target temperature for your pool and spa. This allows you to dial in just the right spa temperature and never have to adjust it again. The pool can be set to a lower, more energy saving temperature.
- **Remote Compatible**
  The digital heat pump pool heater can be easily controlled by most two-wire and three-wire remote systems.
- **On Board Diagnostics**
  Tells the homeowner if there is a problem. Provides the service technician with detailed diagnostic information.

Power Defrost

Rapid Defrost

Areas that are subject to lower ambient temperatures have a tendency to cause ice to build up on a heat pump's condensing coil. The Rheem heat pump uses a patented refrigerant management system to rapidly defrost the heater.