



SOLAR SERIES 2000 AT400 & AT600

• Digital Logic Control™



Dual Thermostat
Self Diagnostic Readout
Optional:
"Smart" Time Clock Override

• PC Logic Card



Computer Chip Circuitry
Aqualink™ & Compool™-
Interface Terminals
Smart Defrost Control

• Fan Cowling-Venturi



Super Quiet Running
Maximizes Air Flow Velocity
Reduces Operational Costs

• Corrosion Proof
ABS Cabinet
Will Not Rust, Fade or Crack
Sealed Electrical Compartment

• Automatic Bypass
Internal Self Adjusting Bypass Valve
2" Full Flow Plumbing



Refrigerant Receiver Tank

• Scroll™ Compressor
The Most Efficient Compressor Available
Equipped With A Exclusive Refrigerant Receiver Tank



• Jandy™ Motor Valve Ready
"Just Plug Them In" No Add On Control Needed



• Oversized Air Coil
Maximum Heat Transfer
High Efficiency & BTU Output

• Cupronickel Alloy
Heat Exchanger

Chemical Resistant Alloy Water Passage
with Hardened Copper Exterior
Super Corrosion Resistant "Inside & Out"



• Remote Control Option
"Identical" Remote Control Panel up to 150 Feet Away

You Have Full Remote Control Of:

- Heat Pump
- Thermostats
- Water Pump
- Timer Override
- Pool/Spa Actuator Motors

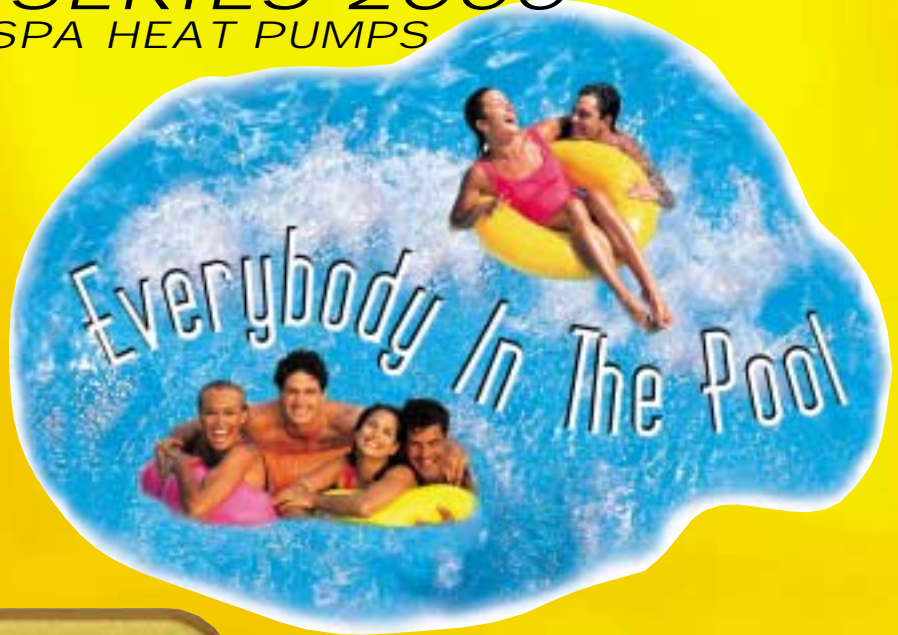




SOLAR SERIES 2000 POOL/SPA HEAT PUMPS

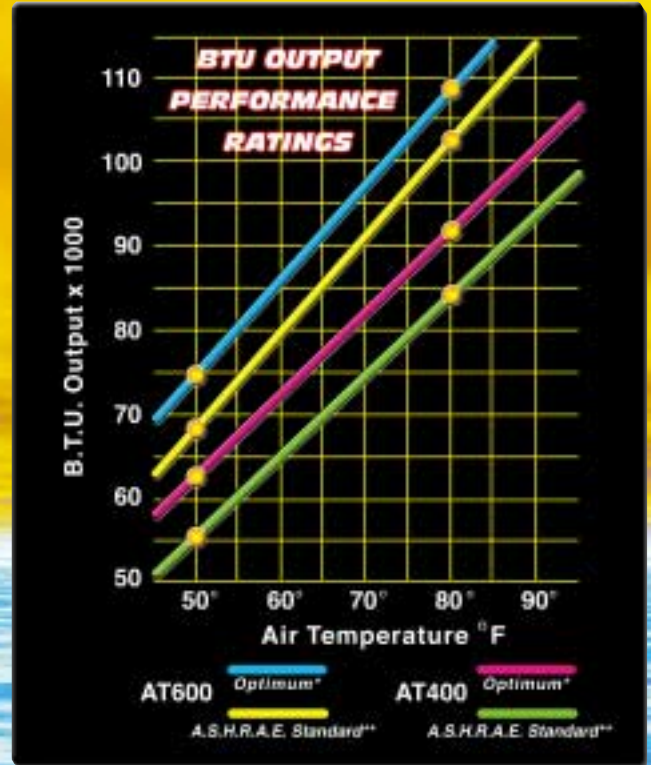


AT600



SOLAR SERIES 2000 AT600 & AT400 SPECIFICATIONS

	AT600	AT400
Model Number	AT600	AT400
BTU Output	108,000*/102,000**	92,000*/84,000**
Coefficient of Performance	6.0*/4.9**	6.4*/5.5**
Copeland Scroll™ Compressor	ZR67 w/ Receiver Tank	ZR54 w/ Receiver Tank
Heat Exchanger Condenser	Cupronickel Alloy-Water / Copper-Exterior	
Air Coil Evaporator	Oversized: Copper Tube w Lanced Fin	
Fan Motor	1/4 H.P. @ 1.6 Amps	
Air Flow	4000 C.F.M. w/ Cowling Venturi	
Kilowatt Input	5.8 Kw/Hour	4.4 Kw/Hour
Electrical (208/240v/60Hz)	Single Phase	Single Phase
Typical Running Amps	27.4 Amps	20.4 Amps
Minimum Circuit Ampacity	37 Amps	35 Amps
Min/Max Breaker Size	40/50 Amps	35/40 Amps
Min/Max Water Flow	20/70 GPM	20/70 GPM
Refrigerant Charge	R22	R22
Water Plumbing	2" Full Flow w Internal Automatic Bypass	
Cabinet Construction	Corrosion Proof Molded ABS	
Ship Weight	305 Lbs.	279 Lbs.
Dimensions	35H x 31W x 34L	29H x 31W x 34L



Manufactured by:



2211 Andrea Lane Ft. Myers Florida 33912
Toll Free 888-297-3826
www.aquathermheat pumps.com

Heat pump output and efficiency vary with weather conditions. The blue & red lines illustrate the optimum peak performance rating typical of the Florida climate. The yellow & green lines illustrate the A.S.H.R.A.E. standard performance rating.

* Optimum output & efficiency typical of Florida conditions. Ratings outside the scope of P.H.P.M.A. heat pump pool heater certification program.

** Rated and certified in accordance with A.S.H.R.A.E. standard 146-1998 and P.H.P.M.A. addendum test procedure.