



Unit Specifications

		SQ145	SQ225	SQ120R	SQ166R
Efficiency	kW Output	29.3	35.2	25.8	31.7
	BTU Output	100,000	120,000	88,000	108,000
	C.O.P. Coefficient of Performance	6.8	6.5	5.5	5.6
	kW Input	4.3	5.4	4.7	5.7
Electrical	Heat or Heat & Cool	H	H	H & C	H & C
	Voltage/Hz/Phase	H & D	D	H & D	D
H - 200-240/50/1 D - 380-420/50/3	Max. Fuse Size	H - 60 D - 20	D - 25	H - 60 D - 20	D - 25
	Min. Circuit Ampacity	H - 38.9 D - 14.2	D - 16.2	H - 38.9 D - 14.2	D - 16.2

Over Temperature Alarm Kit available: part number STK0221 for single phase, STK0222 for three phase. Strongly recommended for all spa applications

Refrigerant		R410A	R410A	R410A	R410A
Water Flow	Min./Max. (m ³ /h)	6.8/15.9	6.8/15.9	6.8/15.9	6.8/15.9
	Min./Max. (gpm)	30/70	30/70	30/70	30/70

A Heater Bypass Kit is required when flow rates exceed the maximum

Physical	Weight (kg)	149	149	115	149
	Weight (lbs)	328	328	253	328
	Length x Width x Height (cm)	87 x 87 x 112	87 x 87 x 112	87 x 87 x 112	87 x 87 x 112
	Length x Width x Height (in)	34" x 34" x 44"	34" x 34" x 44"	34" x 34" x 44"	34" x 34" x 44"
Shipping	Weight (kg)	177	177	143	177
	Weight (lbs)	390	390	315	390
	Length x Width x Height (cm)	97 x 92 x 125	97 x 92 x 125	97 x 92 x 125	97 x 92 x 125
	Length x Width x Height (in)	38" x 36" x 49"	38" x 36" x 49"	38" x 36" x 49"	38" x 36" x 49"

Specifications subject to change.



Superior **EFFICIENCY**
and **QUIETER** than
any other heat pump
on the market

Featuring new
SMART
controller



AG-919 11_18 V2



WWW.
AQUACAL
.COM

MADE IN USA

AquaCal AutoPilot, Inc. • 2737 24th Street North • St. Petersburg, FL 33713 • 727.823.5642

HeatWave SuperQuiet®

MAXIMIZE THE ENJOYMENT OF YOUR SWIMMING POOL INVESTMENT

by heating your pool with an AquaCal® heat pump.

Free heat is taken from outside air and transferred to the pool water.

A HEAT PUMP DOESN'T BURN ENERGY TO CREATE HEAT.

It only uses a small amount of energy to transfer **FREE** heat from the air to the pool.



Heat a pool for about **25% of the cost** of heating it with gas



Heat pumps are **green** and have virtually no effect on your carbon footprint

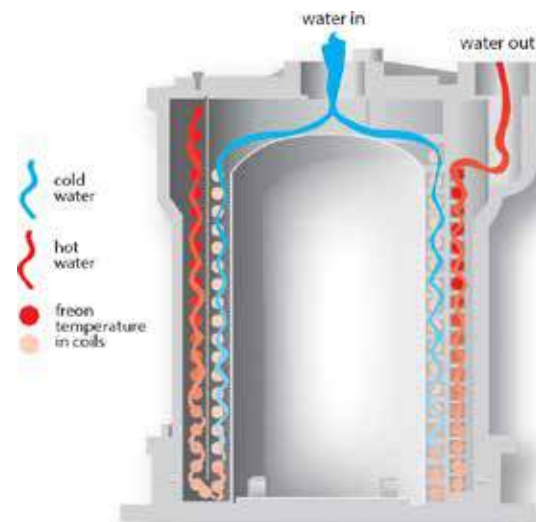


No other heat pump in its class is **quieter**

The only heat pump that allows you to maximize the potential savings of a variable speed pump is an AquaCal®. Our patented **ThermoLink®** Titanium Heat Exchanger's unique flow characteristics allow you to run the pump at lower RPMs, ultimately saving you money.

This patented hydraulic design adds only 2 PSI at 45 gpm, increasing compatibility with two-speed & variable speed pumps.

How the **thermoLINK** works



Lifetime warranty on titanium tubing

NEW Smart Microprocessor Control with Digital Display

- Flip-out, lockable control panel is **protected against sun and weather** and can be easily programmed to prevent others from tampering with settings
- Digital control panel with 24 character **full-text display** provides easy-to-read diagnostics and error reporting
- Ability to **connect to most external controllers** for heating and cooling mode
- **Hybrid functionality** can initiate a gas heater when an extra boost of heat is needed



AquaTop

- Unique Air Flow Vectoring Top ensures optimal air flow for **maximum efficiency**
- **Protects internal components** such as the fan blade, fan motor, compressor and heat exchanger from direct rain and snow, extending their life
- World's **ONLY** integrated top that **prevents debris** like leaves and other vegetation from getting inside the heat pump, rotting and becoming acidic
- Protection provided by the AquaTop allows for an extended **10 year warranty** on the evaporator coil



Corrosion Proof Cabinet

- Louvered side panels **protect evaporator coil** while ensuring efficient air flow
- Rust and fade proof
- Impact resistant
- Built-in drain pan provides condensate management



ICEBREAKER® Heat & Cool Models

- **Extends swimming season** longer than any other heat pump on the market
- Continues to heat at freezing temperatures to **minimize heat loss**
- Cools your pool to a refreshing temperature
- Set to heat, cool or autotemp



AquaCal® has been producing quality heat pumps since 1981



Setting the standard for excellence in the industry for over 37 years



Over 300,000 happy customers worldwide