



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

Control from a
CONVENIENT
phone app



Unit Specifications

		SQ125	SQ145	SQ225	SQ120R	SQ166R
BTUs <small>(water temp/ambient air/ relative humidity)</small>	80/80/80	101,000	119,000	143,000	110,000	126,000
	80/80/63	95,000	112,000	134,000	103,000	120,000
	80/50/63	62,000	75,000	90,000	72,000	82,000
C.O.P. Coefficient of Performance <small>(water temp/ambient air/ relative humidity)</small>	80/80/80	6.5	6.8	6.5	5.5	5.6
	80/80/63	6.1	6.4	6.1	5.3	5.3
	80/50/63	4.0	4.2	4.0	4.0	4.0
Refrigerant		R410A	R410A	R410A	R410A	R410A
Electrical	Heat or Heat & Cool	H	H	H	H & C	H & C
	kW Input	4.6	5.1	6.4	5.9	6.6
A - 208-230/60/1 B - 200-230/60/3 E - 380-415/60/3 G - 460/60/3	Voltage/Hz/Phase	A	A, B & G	A, B, E & G	A & B	A, B, E & G
	Max. Fuse Size	A - 60	A - 60	A - 60	A - 60	A - 60
			B - 50	B - 50	B - 50	B - 50
			G - 20	E - 30	B - 50	E - 30
				G - 25		G - 25
	Min. Circuit Ampacity	A - 40.5	A - 42.1 B - 31.0 G - 14.2	A - 42.1 B - 33.3 E - 18.4 G - 16.2	A - 38.5 B - 31.0	A - 42.1 B - 33.3 E - 18.4 G - 16.2

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

Water Flow	Min./Max. (gpm)	30/70	30/70	30/70	30/70	30/70
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A Heater Bypass Kit is required when flow rates exceed the maximum: part number STK0135.

Physical	Weight (lbs)	268	328	328	268	328
	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"	34" x 34" x 44"

Shipping	Weight (lbs)	329	390	390	329	390
	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"	38" x 36" x 49"

Rated in accordance with AHRI standard 1160 water temp/ambient air/relative humidity
Specifications subject to change



AC-1275-03_20 V4.5

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.COM

MADE IN USA



California residents visit aquacal.com
for Proposition 65 information.



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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.

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.



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



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



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



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

Smart Microprocessor Control with LCD Display

- Weather protected control with **full text display** provides easy-to-read menu options and unit status
- 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**
- World's ONLY integrated top that **protects internal components** and 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 cabinet is 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

Now PoolSync™ Ready

- Adjust the mode to heat, cool or autotemp (when applicable), and set your temperature through the PoolSync app

*Additional purchase of PoolSync WiFi Controller required

