

Unit Specifications

		SQ125	SQ145	SQ225	SQ120R	SQ166R
BTUs	80/80/80	101,000	121,000	143,000	110,000	126,000
(water temp/ambient air/ relative humidity)	80/80/63	95,000	115,000	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 (water temp/ambient air/ relative humidity)	80/80/80	6.5	7.1	6.5	5.5	5.6
	80/80/63	6.1	6.8	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	Н	Н	Н	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	Α	A, B & G	A, B, E & G	A & B	A, B, E & G
	Max. Fuse Size	A - 60	A - 60 B - 50 G - 20	A - 60 B - 50 E - 30 G - 25	A - 60 B - 50	A - 60 B - 50 E - 30 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
Water Flow	Min./Max. (gpm)	30/70	30/70	30/70	30/70	30/70
A Heater Bypass Kit is required when flow rates exceed the maximum: part number STK0135.						
Physical	Weight (lbs)	258	305	315	273	310
	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)	298	345	355	313	350
	Length x Width x Height (in)	37" x 36" x 51"	37" x 36" x 51"	37" x 36" x 51"	37" x 36" x 51"	37" x 36" x 51"
Rated in accordance with AHRI standard 1160 water temp/ambient air/relative humidity						



A portion of every heat pump sold will be donated to Every Child a Swimmer









California residents visit aquacal.com









Superior **EFFICIENCY** and **QUIETER** than

any other heat pump on the market







MADE IN USA

MAXIMIZE THE ENJOYMENT OF YOUR SWIMMING POOL INVESTMENT

by heating your pool with an AquaCal® heat pump.

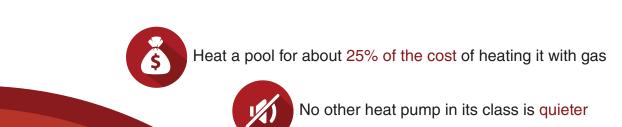
Free heat is taken from outside air and transferred to the pool water.

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 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 40 years



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 external controllers for heating and cooling mode
- Most common variable speeds pump can be programmed using the heat pump Smart Controller (HP9)

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 corrosive
- 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 P. ...

 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

