



PoolSync
READY!



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

Control from a
CONVENIENT
phone app



Unit Specifications

		SQ145	SQ225	SQ120R	SQ166R
BTUs (water temp/ambient air/ relative humidity)	80/80/80	121,000	143,000	110,000	138,000
	80/80/63	115,000	134,000	103,000	130,000
	80/50/63	75,000	90,000	72,000	88,000
C.O.P. Coefficient of Performance (water temp/ambient air/ relative humidity)	80/80/80	7.1	6.5	5.5	6.1
	80/80/63	6.8	6.1	5.3	5.8
	80/50/63	4.2	4.0	4.0	4.2
Refrigerant		R410A	R410A	R410A	R410A
Electrical	Heat or Heat & Cool	H	H	H & C	H & C
	kW Input	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, B & G	A, B, E & G	A & B	A, B, E & G
	Max. Fuse Size	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 - 42.1	A - 42.1	A - 38.5	A - 42.1
		B - 31.0	B - 33.3	B - 31.0	B - 33.3
		G - 14.2	E - 18.4		E - 18.4
			G - 16.2		G - 16.2
Water Flow	Min./Max. (gpm)	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)	305	315	273	310
	Length x Width x Height (in)	34" x 34" x 40"	34" x 34" x 40"	34" x 34" x 40"	34" x 34" x 40"
Shipping	Weight (lbs)	345	355	313	350
	Length x Width x Height (in)	37" x 36" x 43"	37" x 36" x 43"	37" x 36" x 43"	37" x 36" x 43"
Rated in accordance with AHRI standard 1160 water temp/ambient air/relative humidity Specifications subject to change					



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



California residents visit aquacal.com
for Proposition 65 information.



AC-2460-05_24 V8

**WWW.
AQUACAL
.COM**

MADE IN USA

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

Producing quality heat pumps since 1981

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 40 years**



Over **400,000** 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 external controllers** for heating and cooling mode
- Most common variable speeds pump can be programmed using the **heat pump Smart Controller (HP9/HP11)**



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

