AquaCal® units feature thermoLINK® Titanium Heat Exchangers and Scroll compressors. Our patented technology allows us to build the most durable and most cost efficient heat pumps...ever! AquaCal® Heat Pumps are available in a variety of sizes with an assortment of features so you can select the model that best suits your specific needs and budget.
Your local pool professional can compute your heating requirements and install the AquaCal® unit that is right for you.

AquaCal® Heat Pumps

- Use no fossil fuels
- Environmentally friendly
- Minimize your carbon footprint
- Eliminate noxious gas emissions
- Save energy by transferring free heat from the air rather than creating heat
- Programmable thermostats for stable temperature control
- Meet all AHRI efficiency standards

	SQ125	SQ145	SQ225	SQ120R	SQ166R
BTU (water temp/ambient air/relative humidity)					
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
Coefficient of Performance (water temp/ambient air/relative humidity)					
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	4.1	4.2	4.0	4.0	4.0
Operates down to ºF	mid to low 40s	mid to low 40s	mid to low 40s	mid to low 20s	mid to low 20s
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
Voltage/Hz/Phase	208-230/60/1	208-230/60/1	208-230/60/1▲	208-230/60/1▲	208-230/60/1▲
Minimum Circuit Ampacity	40.5	42.1	42.1	38.5	42.1
Minimum/Maximum Fuse Size	50/60	50/60	50/60	40/60	50/60
Water Flow Minimum/Maximum (gpm) A Heater Bypass Kit is required when flow rates exceed the maximum.	30/70	30/70	30/70	30/70	30/70
Physical					
Weight (lbs)	268	328	328	268	328
Length x Width x Height (in.)	37”x34”x45”	37”x34”x45”	37”x34”x45”	37”x34”x45”	37”x34”x45”
Shipping					
Weight (lbs)	329	390	390	329	390
Length x Width x Height (in.)	40”x36”x50”	40”x36”x50”	40”x36”x50”	40”x36”x50”	40”x36”x50”
Sound Level Decibels at 10 ft.	55 dB	55 dB	55 dB	55 dB	55 dB

Rated in accordance with ARI standard 1160 water temp/ambient air/relative humidity

▲ - also available in 3 phase units - visit our website for details

MADE IN USA

A TEAM HORNER® Company

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

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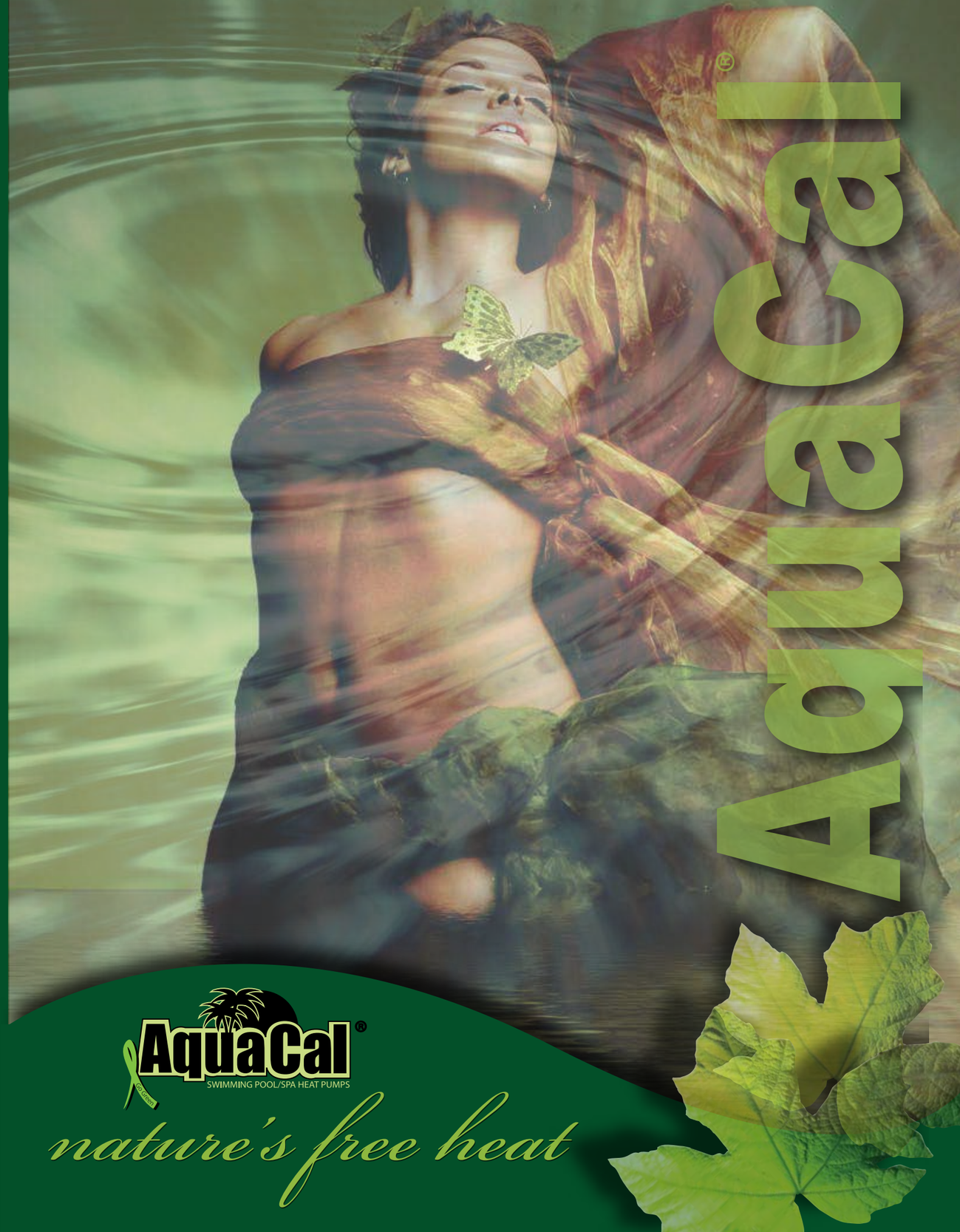


- A heat pump utilizes nature's 'free heat' from the air to heat your pool water. Electricity is only needed to transfer that heat, not create it.
- Heat pump operation is significantly less expensive than gas or electric heating, making it the most economical, safe and trouble-free way to heat your pool.

AquaCal® heat pumps smart

for your BUDGET and for the ENVIRONMENT

AquaCal® is BY FAR the MOST COST EFFICIENT swimming pool heat pump available anywhere.

COST of OPERATION

AquaCal®	$6.25 COST PER MILLION BTUs OF HEAT
Natural Gas	$27.50
Electrical Resistance	$38.10
LP Gas	$40.76

*Chart based on $3.00 per gallon LP Gas, $2.20 per therm. of Natural Gas, 13¢ per kilowatt and a heat pump with C.O.P. of 6.1

AquaCal's complete line of heat pumps are SUPERQUIET

55 dB

HEATWAVE SUPERQUIETS® Virtually silent from 10 ft. away

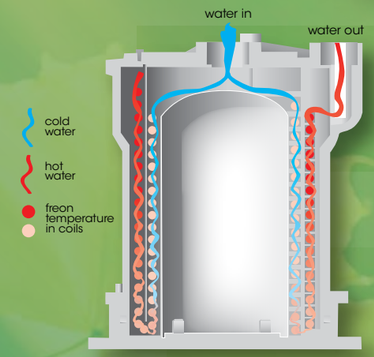
- AquaCal® has been producing quality heat pumps since 1981
- Over 270,000 happy customers worldwide
- Setting the standard for excellence in the industry for over 35 years

HEATWAVE SUPERQUIET®

features:

ICEBREAKER® Heat & Cool Models

- extends swimming season longer than any other heat pump on the market
- continue to heat in freezing temperatures to minimize heat loss, down to the mid to low 20s
- cool your pool to a refreshing temperature
- set to heat, cool or autotemp



thermTi TITANIUM HEAT EXCHANGER

- patented counter-flow water management system
- **patented hydraulic design adds only 1 PSI at 30 gpm, increasing compatibility with two-speed & variable speed pumps**
- impervious to chemical corrosion
- durability without sacrificing performance
- lifetime warranty

MICROPROCESSOR CONTROLLED WITH DIGITAL DISPLAY

- accurate and easy to read bright blue display
- on-board self diagnostics
- microprocessor controlled defrost cycle

Scroll COMPRESSOR

- state of the art technology
- highest efficiency
- quietest operation
- unsurpassed reliability
- superior durability

CORROSION PROOF CABINET

- rust proof
- fade proof
- impact resistant

SQ125
SQ145
SQ225
SQ120R
SQ166R