


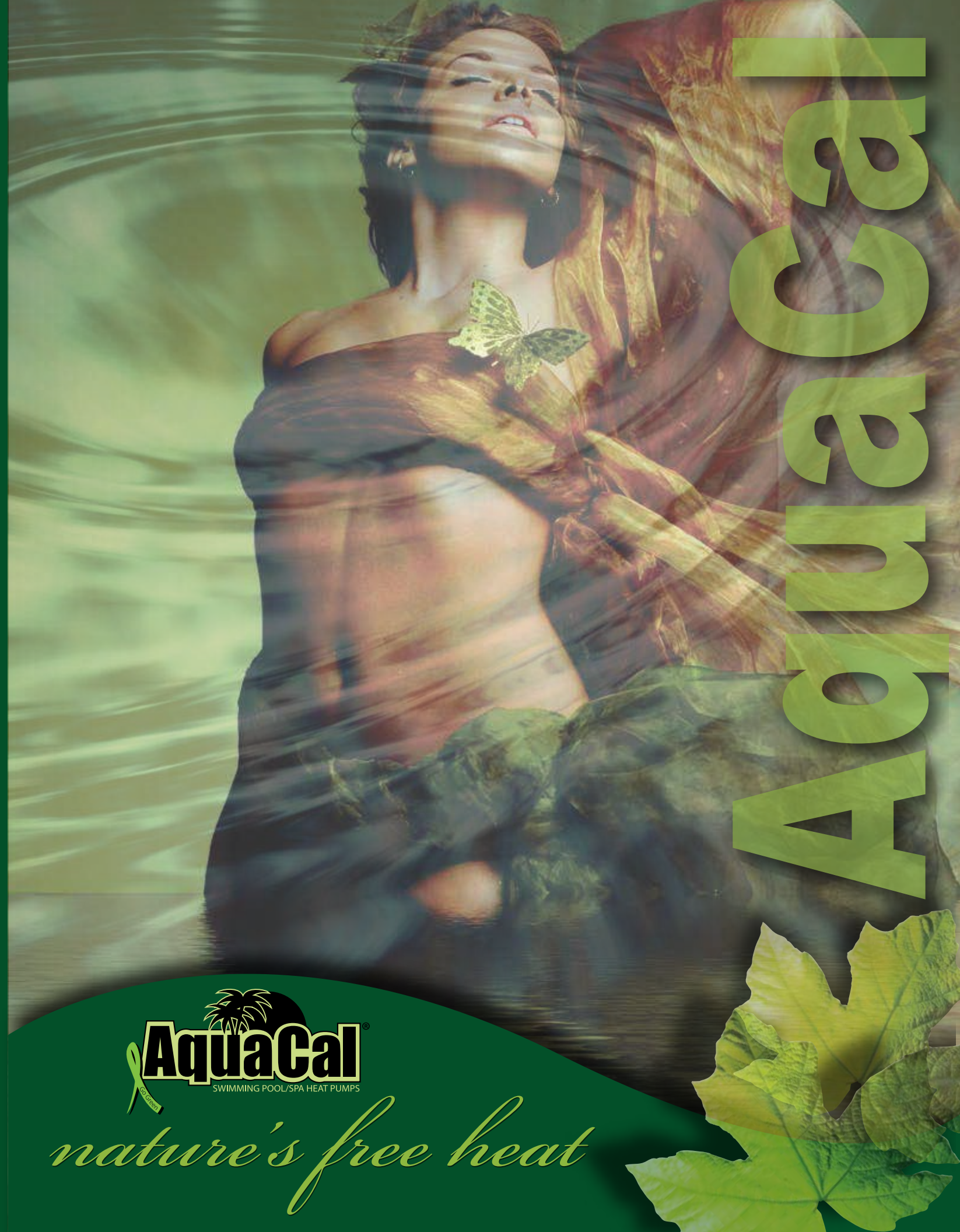
All AquaCal units feature  Titanium Heat Exchangers and  compressors. Our patented technology allows us to build the most durable and most cost efficient heat pumps... ever! AquaCal Heat Pumps are available in a variety of sizes with an assortment of features so you can select the model that best suits 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

	SQ145	SQ145	SQ225	SQ120R	SQ120R	SQ166R
Efficiency						
kW Output	29.3	29.3	35.2	27.8	27.8	31.7
BTU Output	100,000	100,000	120,000	95,000	95,000	108,000
Coefficient of Performance (COP)	6.8	6.8	6.5	5.9	5.9	5.6
kW Input	4.3	4.3	5.4	4.7	4.7	5.7
Voltage/Hz/Phase	200-240/50/1	380-415/50/3	380-415/50/3	200-240/50/1	380-415/50/3	380-415/50/3
Minimum Circuit Ampacity	39.9	14.2	16.2	38.8	14.2	16.2
Maximum Fuse Size	60	20	25	60	20	25
Operates Down To °C	4.5°C	4.5°C	4.5°C	-6.7°C	-6.7°C	-6.7°C
Refrigerant	R410A	R410A	R410A	R410A	R410A	R410A
Heat or Heat & Cool	H	H	H	H & C	H & C	H & C
Water Flow						
Minimum/Maximum (m ³ /h)*	6.8/15.9	6.8/15.9	6.8/15.9	6.8/15.9	6.8/15.9	6.8/15.9
Minimum/Maximum (gpm)*	30/70	30/70	30/70	30/70	30/70	30/70
Physical						
Weight (kg)	149	149	149	122	122	149
Weight (lb)	328	328	328	268	268	328
Length x Width x Height (cm)	94 x 87 x 114	94 x 87 x 114	94 x 87 x 114	94 x 87 x 114	94 x 87 x 114	94 x 87 x 114
Length x Width x Height (in)	37" x 34" x 45"	37" x 34" x 45"	37" x 34" x 45"	37" x 34" x 45"	37" x 34" x 45"	37" x 34" x 45"
Shipping						
Weight (kg)	177	177	177	149	149	177
Weight (lb)	390	390	390	329	329	390
Length x Width x Height (cm)	102 x 92 x 128	102 x 92 x 128	102 x 92 x 128	102 x 92 x 128	102 x 92 x 128	102 x 92 x 128
Length x Width x Height (in)	40" x 36" x 50"	40" x 36" x 50"	40" x 36" x 50"	40" x 36" x 50"	40" x 36" x 50"	40" x 36" x 50"

♦ A Heater Bypass Kit is required when flow rates exceed the maximum
Specifications subject to change



nature's free heat



- 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.



for your BUDGET and for the ENVIRONMENT

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

COST of OPERATION



*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 HEATWAVE SUPERQUIET® - Virtually silent from 10 ft./3 m away

- AquaCal has been producing quality heat pumps in the USA since 1981
- Setting the standard for excellence in the industry for over 30 years
- Over 270,000 happy customers worldwide

Made In U.S.A.

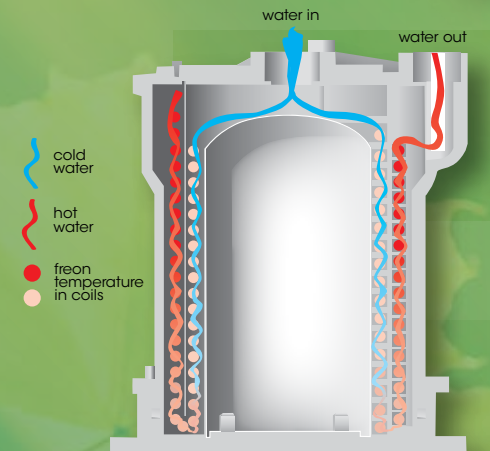


HEATWAVE SUPERQUIET®

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 -6.7°C
- cool your pool to a refreshing temperature
- set to heat, cool or autotemp



thermo Titanium HEAT EXCHANGER

- patented counter-flow water management system
- patented hydraulic design adds only 1 PSI at 6.81 m³/hr, 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

SQ145
SQ225
SQ120R
SQ166R

