

AquaCal



nature's free heat

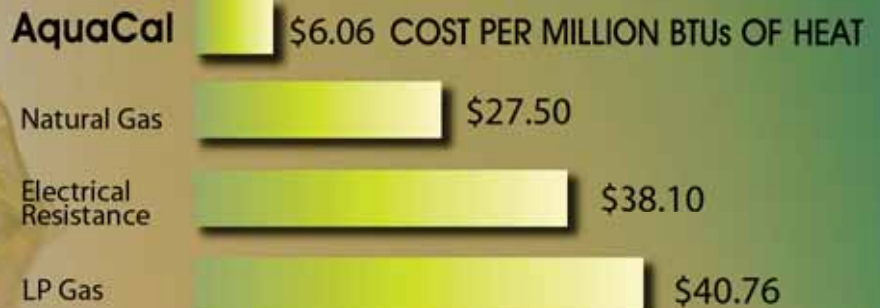
- A heat pump utilizes nature's 'free heat' from the air to heat your pool water. Electricity is only needed to transfer that heat, not create it.
- Heat pump operation is significantly less expensive than gas or electric heating, making it the most economical, safe and trouble-free way to heat your 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 6.3

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 200,000 happy customers worldwide

• Setting the standard for excellence in the industry for over 30 years

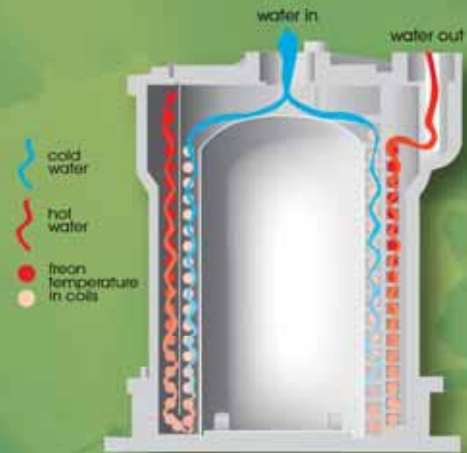
HEATWAVE SUPERQUIET™

features:

thermo  **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 allows operation down to the mid to lower 40s

SQ110
SQ120
SQ155
SQ175
SQ166R

COMPRESSOR

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

CORROSION PROOF CABINET

- rust proof
- fade proof
- impact resistant

ICEBREAKER® Heat & Cool Models Only

- 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



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
- Meet all AHRI efficiency standards

	SQ110	SQ120	SQ155	SQ175	SQ166R
BTU					
80/80/80*	100,000	113,000	135,000	143,000	126,000
80/80/63**	93,000	106,000	127,000	134,000	120,000
80/50/63**	63,000	73,000	86,000	90,000	82,000
Coefficient of Performance					
80/80/80*	6.1	6.1	6.4	6.5	5.7
80/80/63**	5.7	5.7	5.9	6.1	5.3
80/50/63**	4.0	4.0	4.1	4.3	4.0
Operates down to °F	mid to low 40s	mid to low 40s	mid to low 40s	mid to low 40s	mid to low 20s
Refrigerant	R410A	R410A	R410A	R410A	R410A
Electrical					
Heat or Heat & Cool	H	H	H	H	H & C
kW Input	4.8	5.4	6.2	6.4	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	39.8	41.4	41.4	41.4	41.4
Minimum/Maximum Fuse Size	40/60	50/60	50/60	50/60	50/60
Water Flow					
Minimum/Maximum (gpm)	30/70	30/70	30/70	30/70	30/70
Physical					
Weight (lbs)	257	282	293	328	310
Size (lengthxwidthxheight)	37"x34"x41"	37"x34"x41"	37"x34"x45"	37"x34"x45"	37"x34"x45"
Shipping					
Weight (lbs)	315	340	355	390	375
Size (lengthxwidthxheight)	40"x36"x46"	40"x36"x46"	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

* - ratings outside the scope of ARI standard 1160 water temp/ambient air/relative humidity

** - rated in accordance with ARI standard 1160 water temp/ambient air/relative humidity

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

