



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

	SQ110R	SQ120R	SQ166R	SQ175
<b>BTU</b>				
80/80/80	91,000	110,000	126,000	143,000
80/80/63	87,000	103,000	120,000	134,000
80/50/63	61,000	72,000	82,000	90,000
<b>Coefficient of Performance</b>				
80/80/80	5.5	5.5	5.6	6.1
80/80/63	5.3	5.3	5.3	5.7
80/50/63	4.0	4.0	4.0	4.0
<b>Operates down to °F</b>	mid to low 20s	mid to low 20s	mid to low 20s	mid to low 40s
<b>Refrigerant</b>	R410A	R410A	R410A	R410A
<b>Electrical</b>				
Heat or Heat & Cool	H & C	H & C	H & C	H
kW Input	4.8	5.9	6.6	6.9
Voltage/Hz/Phase	208-230/60/1	208-230/60/1▲	208-230/60/1▲	208-230/60/1▲
Minimum Circuit Ampacity	40.0	38.4	41.4	42.0
Minimum/Maximum Fuse Size	40/60	40/60	50/60	50/60
<b>Water Flow</b>				
Minimum/Maximum (gpm)	30/70	30/70	30/70	30/70
<b>Physical</b>				
Weight (lbs)	257	257	268	328
Size (lengthxwidthxheight)	37"x34"x41"	37"x34"x41"	37"x34"x45"	37"x34"x45"
<b>Shipping</b>				
Weight (lbs)	315	315	329	390
Size (lengthxwidthxheight)	40"x36"x46"	40"x36"x46"	40"x36"x50"	40"x36"x50"
<b>Sound Level Decibels at 10 ft.</b>	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



Heat & Cool  
Models





- 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

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

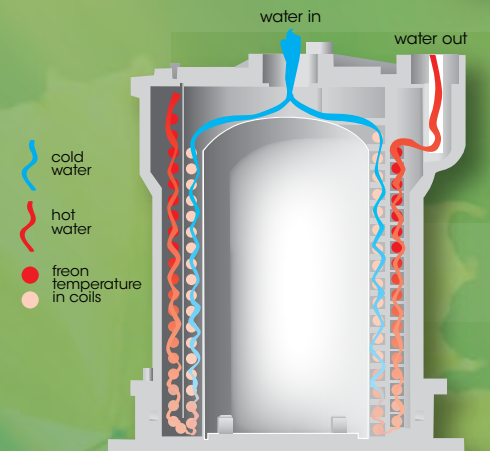
• Setting the standard for excellence in the industry for over 30 years

# 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



### therm 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

SQ110R  
SQ120R  
SQ166R  
SQ175

### 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

