All AquaCal units feature **thermo LINK** Titanium Heat Exchangers. Our patented technology allows us to build the most durable and most cost efficient heat pump... 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

	SQ120	SQ120	SQ155	SQ175	SQ121R	SQ121R	SQ156R
Efficiency							
KW Output	30.2	30.2	33.1	34.6	27.0	27.0	32.2
BTU Output	103,000	103,000	113,000	118,000	92,000	92,000	110,000
Coefficient of Performance (COP)	5.8	5.8	6.4	6.5	6.3	6.3	6.4
KW Input	5.2	5.2	5.2	5.3	4.3	4.3	5.3
Voltage/Hz/Phase	220-240/50/1	380-420/50/3	380-420/50/3	380-420/50/3	220-240/50/1	380-420/50/3	380-420/50/3
Minimum Circuit Ampacity	39.9	14.8	14.2	14.2	37.9	13.8	15.8
Minimum/Maximum Fuse Size	40/60	15/25	15/25	15/25	20/70	20/70	20/70
Refrigerant	R410A	R410A	R410A	R410A	R410A	R410A	R410A
Heat or Heat & Cool	H	H	H	H	H & C	H & C	H & C
Water Flow							
Minimum/Maximum (m3/h)	6.8/15.9	6.8/15.9	6.8/15.9	6.8/15.9	4.5/15.9	4.5/15.9	4.5/15.9
Minimum/Maximum (gpm)	30/70	30/70	30/70	30/70	30/70	30/70	30/70
Physical							
Weight (kg)	148	148	154	188	173	173	189
Weight (lb)	326	326	339	414	380	380	415
Length x Width x Height (cm)	94x85.9x104.1	94x85.9x104.1	94x85.9x114.3	94x85.9x114.3	86x107x99	86x107x99	86x107x109
Length x Width x Height (in)	37"x33.8"x41"	37"x33.8"x41"	37"x33.8"x45"	37"x33.8"x45"	34"x42"x39"	34"x42"x39"	34"x42"x43"
Shipping							
Weight (kg)	153	153	159	175	177	177	193
Weight (lb)	336	336	349	385	390	390	425
Length x Width x Height (cm)	99.1x88.9x119.4	99.1x88.9x119.4	99.1x88.9x129.5	99.1x88.9x129.5	101.6x121.9x113	101.6x121.9x113	101.6x121.9x123.2
Length x Width x Height (in)	39"x35"x47"	39"x35"x47"	39"x35"x51"	39"x35"x51"	40"x48"x44.5"	40"x48"x44.5"	40"x48"x48.5"
Sound Level Decibels at 10 ft.	55 dB	55 dB	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

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AquaCal
SWIMMING POOL/SPA HEAT PUMPS

nature's free heat

2737 24th Street North • St. Petersburg, FL 33713 • tel: +1.954.938.5355 • fax: +1.954.938.5244 • aquacal.com

- A heat pump uses nature's 'free heat' from the air to heat your pool water.

- Electricity is only needed to transfer the heat, not create it.

- It is significantly less expensive than gas or electric heating.

- This makes a heat pump 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	$6.06 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 6.3

AquaCal's complete line of heat pumps are SUPERQUIET

120 dB Jet Takeoff
100 dB Chainsaw
80 dB Alarm Clock
70 dB Vacuum Cleaner
60 dB Normal Conversation
30 dB Whisper

55 dB

HEATWAVE SUPERQUIETS
Virtually silent
from 10 ft. away

HEATWAVE SUPERQUIET™

features:

therm TITANIUM HEAT EXCHANGER

- patented counter-flow water management system
- heats water faster and more efficiently
- impervious to chemical corrosion
- durability without sacrificing performance
- lifetime warranty

MICROPROCESSOR CONTROLLED WITH DIGITAL DISPLAY

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

Scroll COMPRESSOR

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

SQ110
SQ120
SQ155
SQ175

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

SQ121R
SQ156R

- 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 25 years