



SWIMMING POOL & SPA HEAT PUMPS



FEATURES



DIGITAL CONTROLS

- Touch screen controls with temperature lock-out feature
- All electronics encapsulated in epoxy
- Smart microprocessor control with LCD display
- *Cooling Mode available only on AT150 Heat & Cool Model (PoolSync compatible)*



DIGITAL MICROPROCESSOR

- Seamlessly interfaces with all pool/spa automation systems
- Smart defrost control works down to mid to low 40° F

SOUND INSULATED SCROLL COMPRESSOR

- High efficiency
- One moving part



POOLSUNC™

WIFI CONTROLLER READY

- Adjust your heat pump easily with your smartphone
- Auto-temp feature available with AT150 Heat & Cool Model
- *Purchase of PoolSync Wifi Controller required*



ULTRAVIOLET LIGHT PROTECTED ABS PLASTIC CABINET

- Will not rust, crack or corrode
- Molded fan cowl maximizes air flow across evaporator coil, increasing efficiency and reducing noise

THERMOLINK®

TITANIUM HEAT EXCHANGER

- Patented tube in shell heat exchanger is more efficient and more durable than less expensive tube in tube heat exchangers.
- Patented hydraulic design adds only 1 PSI at 30 gpm, increasing compatibility with variable speed pumps.
- Titanium tube heat exchanger is the ultimate protection against corrosion from pool chemical imbalance.



CANT BEAT THE SUMMER HEAT?

Our new AT150 Heat & Cool will lower and maintain your pool to a comfortable temperature!
(PoolSync compatible)

WARRANTY

15 YEARS ON TITANIUM HEAT EXCHANGER AGAINST CORROSION
FULL 7 YEARS ON ALL PARTS
FULL 2 YEARS ON LABOR
For units installed in Florida

THE AQUATHERM STORY

1974

PRESENT

Aquatherm / Calorex Pool Heat Pumps designed and built the first swimming pool heat pump as an economical way to heat a pool. Over the years we have relentlessly pursued improving our products. Our latest models are the finest units we have ever offered.

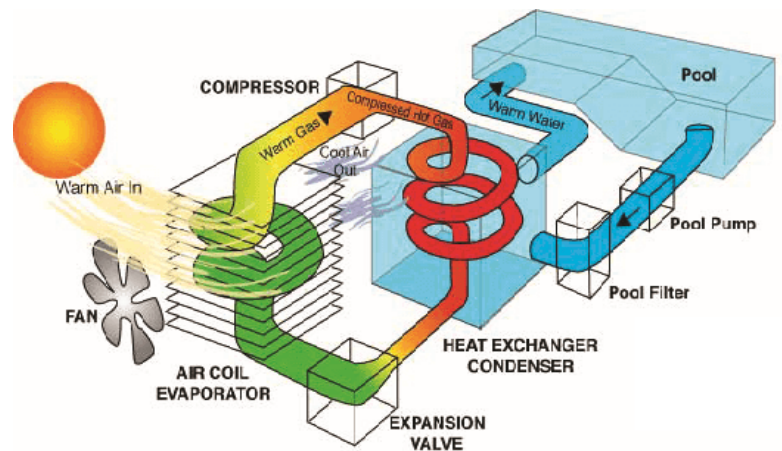
In 2021, Aquatherm introduced the **Whisper Heat AT150 Heat & Cool Model** alongside the AT150 Heat Only Model. The new Heat & Cool unit includes a reversing valve that switches from heating mode to cooling mode with the push of a button. The upgraded cooling mode is a refreshing option for unscreened pools that tend to run up to 6 degrees warmer. When paired with the PoolSync smartphone app, you can keep your pool at a consistent comfortable temperature and extend your swim season.

HOW A HEAT PUMP WORKS

The Aquatherm heat pump utilizes proven refrigerant technology to capture the heat in the outside air and transfer it to the pool water. The fan circulates air across the evaporator coil and the liquid refrigerant absorbs heat from the ambient air, transforming it into a gas.

The gas is then pumped into the compressor, superheating it. The intensely hot gas is then pumped into the heat exchanger where the heat transfer takes place. As the pool water passes through the heat exchanger, the hot gas gives up its heat to the cooler pool water.

The refrigerant returns to a liquid state and the process starts all over again. *The result: a warm pool!*



TECHNICAL SPECIFICATIONS

MODEL NUMBER	AT75	AT115	AT130	AT150 Heat Only / AT150 Heat & Cool
BTUs (Water Temp/Ambient Air/Relative Humidity)				
80/80/80	72,000	110,000	128,000	138,000
80/80/63	67,000	106,000	123,000	129,000
80/50/63	46,000	75,000	82,000	88,000
Coefficient of Performance (Water Temp/Ambient Air/Relative Humidity)				
80/80/80	5.4	5.8	5.7	6.2
80/80/63	5.3	5.6	5.4	5.8
80/50/63	4.0	4.0	4.0	4.0
Refrigerant	R410A	R410A	R410A	R410A
Compressor	Reciprocating	Scroll	Scroll	Scroll
Heat Exchanger	Rifled Titanium	Thermolink	Thermolink	Thermolink
.....	Tube in Tube	Tube in Shell	Tube in Shell	Tube in Shell
Electrical				
KW Input	3.8	4.9	5.8	6.4
Voltage/Hz/Phase	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1
Min Circuit Ampacity	31.65	40.2	41.8	41.8
Max Fuse Size	50	60	60	60
Water Flow				
Min/Max GPM	30/70	30/70	30/70	30/70
Dimensions				
Weight	255	295	310	327
L x W x H	31 x 31 x 35	35 x 36 x 37	35 x 36 x 41	35 x 36 x 41



www.aquathermheatpumps.com

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