

Pool & Spa

INVERTER HEAT PUMP



 **ARCTIC** HEAT PUMPS

arcticheatpumps.com • 1.866.800.8123

ENERGY EFFICIENT

50% more efficient than a standard pool heat pump

ULTRA QUIET

LONGER LIFE EXPECTANCY

WIDE-RANGE TEMPERATURE

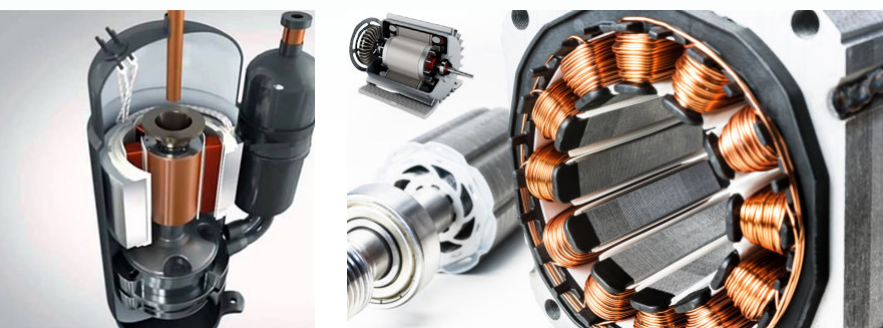
Heats down to -20°C/-4°F

COLD PLUNGE ABILITY

Full Inverter TECHNOLOGY

Full Inverter Technology allows Arctic Pool Heat Pumps the ability to intelligently modulate a DC compressor and fan motor. At all times of the year, your heat pump will use real time data to ensure it is running with the highest efficiency and performance possible.

Other conventional heat pump solutions offer a fixed speed solution which limits cold climate performance and warm climate efficiency.

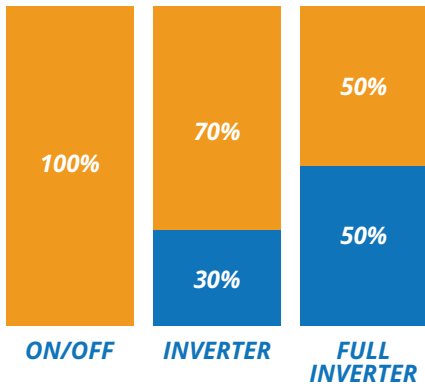


COMPARE MODELS

	015ZA/B	025ZA/B	040ZA/B	060ZA/B
HEATS & COOLS	✓	✓	✓	✓
WIFI TEMPERATURE CONTROL	✓	✓	✓	✓
HEAT OR COOL DUAL BODIES OF WATER	✗	✗	✓	✓

ENERGY SAVINGS COMPARISON

With the optimization of full inverter technology, you can save up to 50% of the energy costs attributed to a traditional or inverter pump.



ULTRA QUIET

Enjoy your pool or spa without the noise!
The Arctic Heat Pump is ultra quiet, and runs at a max noise level of 54dB – just a little bit louder than an average fridge.



80 dB Whistling Kettle 47 dB Home fridge 120 dB Ambulance Siren

KW HEATING PERFORMANCE

35°C or 95°F ambient air • 28°C or 82°F water
15°C or 59°F ambient air • 28°C or 82°F water
-7°C or 19°F ambient air • 28°C or 82°F water

	015ZA/B	025ZA/B	040ZA/B	060ZA/B
35°C or 95°F ambient air • 28°C or 82°F water	7.9	13.1	21	31.6
15°C or 59°F ambient air • 28°C or 82°F water	6.5	11	16.7	25.8
-7°C or 19°F ambient air • 28°C or 82°F water	3.9	6.5	10.4	15.6

COP

35°C or 95°F ambient air • 28°C or 82°F water
15°C or 59°F ambient air • 28°C or 82°F water
-7°C or 19°F ambient air • 28°C or 82°F water

	015ZA/B	025ZA/B	040ZA/B	060ZA/B
35°C or 95°F ambient air • 28°C or 82°F water	7.28	7.27	7.25	7.26
15°C or 59°F ambient air • 28°C or 82°F water	5.2	5.22	5.2	5.2
-7°C or 19°F ambient air • 28°C or 82°F water	3.38	3.39	3.39	3.38

Power Supply	220/1/50 (60)	220/1/50 (60)	220/1/50 (60)	220/1/50 (60)
Water Outlet/Water Inlet	1-1/2"	1-1/2"	1-1/2"	1-1/2"
Water Flow Volume (GPM)	6.78	11.3	17.2	27.1
Water Pressure (PSI)	1.7	2.2	2.2	2.2
Refrigerant Type	R410A	R410A	R410A	R410A
Unit shipping dimensions (W/L/H - inches)	14 x 36 x 20	18 x 44 x 26	19 x 44 x 36	18.5 x 46 x 48
Unit shipping Weight (lbs)	217	211	255	288

SELECTION GUIDE - INGROUND POOLS

DIMESIONS	SQUARE FEET	LITRES	US GALLONS	USE OF SOLAR BLANKET	SUNNY AREA	SHADY AREA
10' X 20'	200	27,001	7133	025ZA/B	025ZA/B	025ZA/B
11.5' X 23'	253	36,998	9774	025ZA/B	025ZA/B	040ZA/B
12' X 24'	288	47,999	12,680	040ZA/B	040ZA/B	040ZA/B
14' X 28'	392	61,001	16,115	040ZA/B	040ZA/B	060ZA/B
16' X 32'	512	75,000	19,813	060ZA/B	060ZA/B	060ZA/B
18' X 36'	648	91,000	24,040	060ZA/B	060ZA/B	2 X 040ZA/B
20' X 40'	800	108,001	28,531	2 X 040ZA/B	2 X 040ZA/B	2 X 060ZA/B

SELECTION GUIDE - HOT TUBS

DIMESIONS	SQUARE FEET	LITRES	US GALLONS	USE OF INSULATED COVER
4' X 4'	16	1552	410	015ZA/B
4' X 5'	20	2119	560	015ZA/B
4' X 6'	24	2763	730	025ZA/B
4' X 7'	28	3634	960	025ZA/B

*Sizing is general and will vary based on project scope. Please contact us for your specific needs.



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