



innoTemp

the worlds most energy efficient range of true inverter heatpumps



- ✓ Class Leading Energy Efficiency
- ✓ Whisper Quiet
- ✓ Titanium Heat Exchanger
- ✓ High Performance

Better off with the best

65% higher C.O.P. than other On/Off Heat Pumps

50% higher C.O.P. than other Inverter Heat Pumps

Thanks to the Combination of Evolve Group and Poolrite's technology, the innoTemp Heat Pump can achieve the optimal performance to meet any pool's needs, it is averagely 65% higher C.O.P. than other on/off heat pumps and 50% higher than other inverter heat pumps in the market.

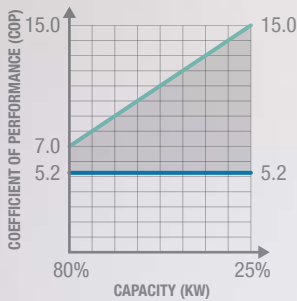
Poolrite innoTemp Heat Pump VS Competing on/off heat pump

When maintaining pool temperature

Poolrite innoTemp Competing on/off Heat Pump

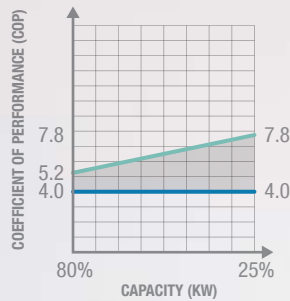
Performance Condition:

Air 26°C / Water 26°C / Humidity 80%



Performance Condition:

Air 15°C / Water 26°C / Humidity 70%



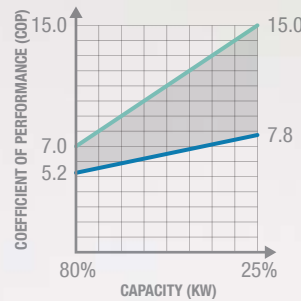
Poolrite innoTemp Heat Pump VS Competing inverter heat pump

When maintaining pool temperature

Poolrite innoTemp Competing Inverter Heat Pump

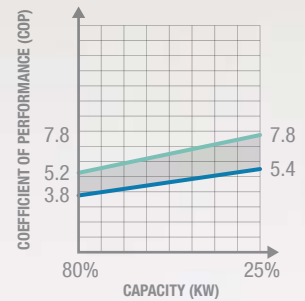
Performance Condition:

Air 26°C / Water 26°C / Humidity 80%



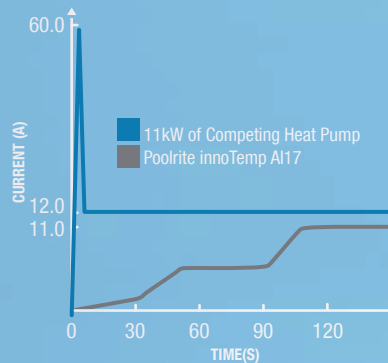
Performance Condition:

Air 15°C / Water 26°C / Humidity 70%



Soft Starter

When the Poolrite innoTemp heat pump turns on, the current will start from 0 A and slowly to rated current in 2 minutes. It will not affect the house electricity system. While the start of current of competing heat pumps is 5 times of rated current, it is a burden to the electricity system.

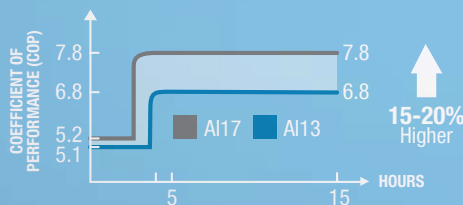


Smart Choice

Performance Condition:

1) Air 15°C / Water 26°C / Humidity 70%

2) Maintain 26°C water temperature for 45m³ pool



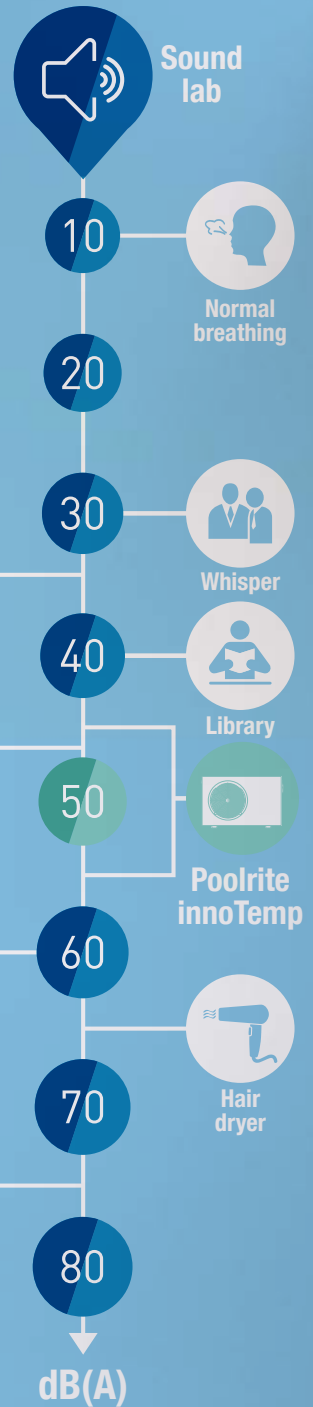
When choosing a Poolrite innoTemp, we suggest to choose a bigger model so that the heat pump can run longer by low speed, and brings more benefits:

- ✓ Quicker heating
- ✓ 15-20% higher COP & more saving
- ✓ Longer silent running time



10x QUIETER

Poolrite innoTemp heat pumps adopt super quiet Mitsubishi inverter compressors and full-inverter ventilation system, which offer you a 10 times quieter swimming environment when maintaining the pool temperature.



Designed for sub-zero conditions

Poolrite innoTemp heat pumps are designed to operate from as cold as -7° , which can maximise your pool season.

Specifications

Model	AI11	AI13	AI17	AI22	AI28	AI28T	AI40T
Advised pool volume (m3)	25-50	30-60	40-75	50-95	65-120	65-120	90-169
Operating air temperature (°C)	-7-43						

Performance Condition: Air 26°C, Water 26°C, Humidity 80%

Heating Capacity (kW)	11.3-2.8	13.3-3.4	17.3-4.4	21.2-5.4	27.9-7.1	27.5-7.0	36.2-9.2
Heating Capacity (kW) in silence mode	9.0-2.8	10.4-3.4	13.8-4.4	16.8-5.4	21.8-7.1	21.7-7.0	28.9-9.2
C.O.P.	15.1-6.5	15.0-6.4	15.2-6.3	15.1-6.1	15.3-6.3	15.2-6.2	15.5-6.4
C.O.P. in silence mode	15.1-7.5	15.0-7.4	15.2-7.3	15.1-7.1	15.3-7.3	15.2-7.2	15.5-7.4

Performance Condition: Air 15°C, Water 26°C, Humidity 70%

Heating Capacity (kW)	7.3-1.9	9.4-2.3	11.4-2.8	14.5-3.4	18.0-4.6	18.0-4.5	24.0-6.2	
Heating Capacity (kW) in silence mode	5.8-1.9	7.4-2.3	8.8-2.8	11.3-3.4	14.6-4.6	14.5-4.6	19.2-6.2	
C.O.P.	7.7-4.5	7.6-4.4	7.8-4.6	7.7-4.6	7.9-4.4	7.8-4.3	8.0-4.5	
C.O.P. in silence mode	7.7-5.2	7.6-5.1	7.8-5.2	7.7-4.8	7.9-5.1	7.8-5.0	8.0-5.2	
Rated input power (kW)	1.6-0.22	2.1-0.25	2.6-0.33	3.33-0.44	4.0-0.58	4.0-0.58	5.3-0.79	
Rated input current (A)	7.4-0.95	9.1-1.1	10.9-1.4	14.5-1.9	17.4-2.5	5.8-0.8	8.0-1.1	
Power supply	230V/1 Ph/50Hz					400V/3 Ph/50Hz		
Advised water flux (m³/h)	4-6	5-7	6.5-8.5	8-10	10-12	10-12	12-18	
Sound pressure 1m dB(A)	39.5-48.2	42.8-52.1	44.2-53.9	44.7-53.8	48.6-55.5	48.6-55.5	49.6-55.8	
Sound pressure 10m dB(A)	19.5-28.2	22.8-32.1	24.2-32.9	27.7-33.8	28.6-35.5	28.6-35.5	29.6-35.8	
Heat exchanger	Titanium in PVC							
Casing	ABS casing							
Water pipe in-out Spec (mm)	50							
Net Dimensions:	Length (mm)	961	961	961	961	1090	1090	1160
	Width (mm)	312	312	392	392	420	420	530
	Height (mm)	658	658	658	758	960	960	960
Net Weight (kg)	48	50	58	68	89	89	108	

Warranty

- ✓ 7 years parts warranty on compressors
- ✓ 2 years parts warranty on other components.



Poolrite is an Australian made and owned product of The Evolve Group of companies



See the full range of products at

poolrite.com

