



Electr  Heat PRO

Electroheat PRO Series Heat Pump

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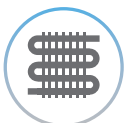
Use ambient air to heat your pool



Electr Heat PRO

The new generation **Electroheat PRO** series of heat pumps is the latest advancement in commercial size swimming pool heating. The heat pumps have been designed to deliver efficient and cost effective large pool heating in an easy to operate and install package.

- Hydrophilic aluminium evaporator
- Electronically controlled temperature management
- Hermetic scroll compressors
- Titanium heat exchangers
- R410A Refrigerant
- Energy-saving heating solution
- Delayed compressor operation as safety feature



Aluminium Evaporator



Electronically controlled temperature



Scroll Compressors



Titanium heat exchangers



R410A Refrigerant



Energy-saving heating solution

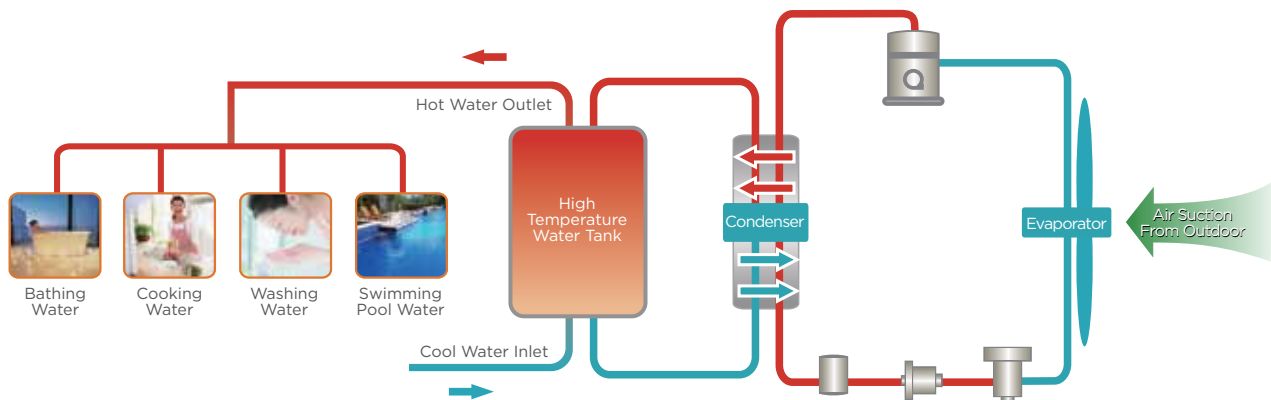


Delayed compressor operation

Air source heat pump is the innovative heating equipment, which emphasizes on conservation in energy generation and environmental friendly technology. It is a highly efficient machinery in absorbing and transferring energy.

Its operation principle is based on the Reversed Carnot Cycle. By continuously absorbing the surrounding air, the Electroheat Pro Heat Pump is able to conduct heating at a fast rate while ensuring energy conservation and environmental-friendliness.

The high efficiency of Electroheat Pro Heat Pump is coupled with low operating cost. Its power consumption is only a quarter to that of electrical water heater.



Energy efficient way to heat your pool



Clearance



Specifications

Model			Electroheat PRO 150	Electroheat PRO 250
Air 24°C/Water 27°C (Nominal)	Heating Capacity	kW	150 (511,500 BTU)	250 (852,500 BTU)
	Heating Input	kW	29	49
	COP		5.17	5.10
Air 27°C/Water 27°C	Heating Capacity	kW	157 (537,000 BTU)	262 (895,000 BTU)
	Heating Input	kW	29	50
	COP		5.41	5.24
Air 15°C/Water 27°C	Heating Capacity	kW	112 (384,500 BTU)	191 (652,500 BTU)
	Heating Input	kW	27	47
	COP		4.14	4.06
Air -5°C/Water 27°C	Heating Capacity	kW	66 (225,500 BTU)	110 (375,500 BTU)
	Heating Input	kW	23	39
	COP		2.86	2.82
Air -15°C/Water 27°C	Heating Capacity	kW	45 (153,000 BTU)	75 (255,500 BTU)
	Heating Input	kW	20	35
	COP		2.25	2.14
Air 35°C/Water 27°C	Cooling Capacity	kW	74 (255,500 BTU)	122 (418,000 BTU)
	Cooling Input	kW	31	47
	COP		2.38	2.59
Max. Current		A	80	132
Power Supply		V/Ph/Hz	380-415V/3Ph/50Hz	380-415V/3Ph/50Hz
Compressor	Type		Scroll	Scroll
	Quantity	pcs	2	4
	Capacity	kW	44	37
Refrigerant Type	Type		R410a	R410a
	Quantity	kg	6.5 × 2	5.5 × 4
Evaporator	Type		Hydrophilic aluminium/ φ9.52 inner groove tube	Hydrophilic aluminium/ φ9.52 inner groove tube
	Number of rows		3	2
	Fin spacing	mm	1.8	1.8
Fan motor	Speed		2-speed	2-speed
	Quantity	pcs	2	4
Water Flow Switch			Built-in	Built-in
Controller			Multi System Controller with Large LCD Monitor	Multi System Controller with Large LCD Monitor
Noise		dB(A)	60	65
Water Connection		mm	90 (Metric)	110 (Metric)
Water Flow Rate	Minimum	L/h	25,800	43,000
	Maximum	L/h	65,000	110,000
Dimension	L-W-H	mm	2000-980-1970	2000-2160-2000
Weight	Net Weight	kg	600	1,020

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