

PHNIX

INITIATOR SERIES INVERTER COMMERCIAL POOL HEAT PUMP



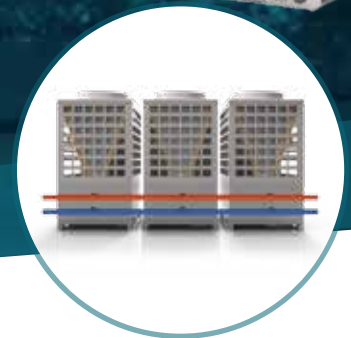
Smart App Control 1

Have you ever imagine you can control heat pumps on your smart phone? PHNIX Smart App technology is now welcomed on the market. If you have several units, you don't have to go to the machine room to check or control them from now on. All information about the heat pump is just at your fingertips.



Colorful Touch Screen 2

Unlike normal inverter pool heater, PHNIX Inverter has a high-end controller with 5-inch colorful touch screen. Temperature and power consumption curve makes users always be clear of the energy use. Meanwhile, PHNIX powerful PCB enables the controller adjust your pool water temperature value as precise as 0.1°C.

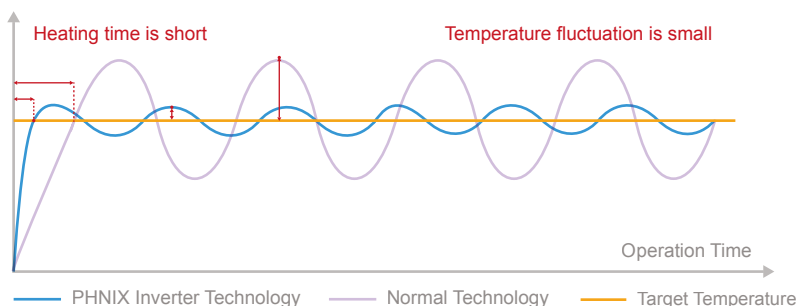


Centralized Control 3

PHNIX Initiator Series comes equipped with centralized control that makes temperature adjustment and failure review much easier and more practical.

By incorporating the master-slave control into the design, the whole units can work together with higher efficiency without interfered by any failure of the slave unit during operation.

Inverter Technology

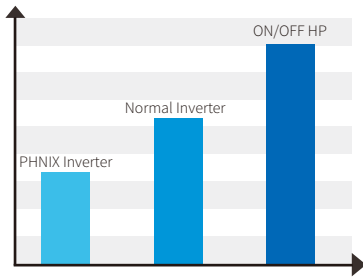


PHNIX Initiator Series adopts full inverter technology on commercial pool heat pump. It allows the heat pump to reach high COP of 16 at Air 27°C/Water 26°C/Humid. 80%. With variable running speed basing on actual heating or cooling requirements, the series helps to save big running cost for commercial occasions including aqua park, hotels, gyms and so on.

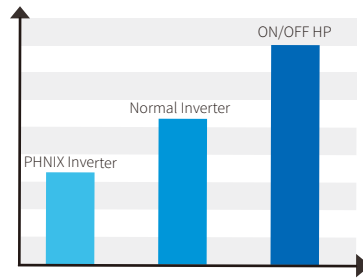
Low Running Cost

When the target pool temperature is reached, the Initiator Series runs with low speed to keep constant temperature. As a consequence, a lot of energy can be saved and thanks to its high COP, it greatly lowers the electricity bills in the long run.

Power Consumption



Heating time



INITIATOR SERIES

		PASRW150S-P-BP	PASRW300S-P-BP	PASRW500S-P-BP
Advised Pool Volume	m ³	180~350	350~705	505~975
Operating Air Temperature	°C		-15~43	
Performance Condition (Air 27 °C / Water 26 °C / Humid. 80%)				
Heating Capacity	kW	7.5-65	14.5-132	22-190
Heating Capacity	Btu	25591~221789	49476-450403	75067-648307
Consumed power	kW	0.47-11.8	0.92-23.7	1.39-32.94
COP	/	16.0-5.5	15.7-5.6	15.8-5.8
Heating Capacity (Air 15 °C / Water 26 °C / Humid.70%)				
Heating Capacity	kW	11.6-48	22.9-98	33.2-134.5
Heating Capacity	Btu	39580.8-163782.8	781378-334389.8	113283-458933
Consumed Power	kW	1.6-10.9	3.05-22.5	4.6-30.3
COP	/	7.3-4.4	7.5-4.4	7.2-4.4
Heating Capacity (Air 10 °C / Water 26 °C / Humid. 64%)				
Heating Capacity	kW	9.5-40	20-82.2	26-115
Heating Capacity	Btu	32415.3-136485.6	68242.8-280477.6	88715.6-392396.2
Consumed Power	kW	1.79-10.3	3.55-20.8	5.11-28.79
COP	/	5.3-3.9	5.6-4.0	5.1-4.0
Power Supply		380V/3N~/50Hz	380V/3N~/50Hz	380V/3N~/50Hz
Fan Motor Type		DC	DC	DC
Sound Pressure 10m	dB(A)	49.5-55	51-58	59-66
Sound Pressure In Silence Mode 10m	dB(A)	49.5	51	59
Compressor Brand		Mitsubishi	Mitsubishi	Mitsubishi
Compressor Type		Rotary/inverter	Rotary/inverter	Rotary/inverter
Water Connection	mm	63	110	110×2
Water Flow Volume	m ³ /h	22.7	46	66.3
Net Dimensions L/W/H	mm	1500*750*1400	2107*1064*2350	2107*2128*2350

