

Parameters

PHNIX



Product Patent Number: ZL 2020 3 0650222.4

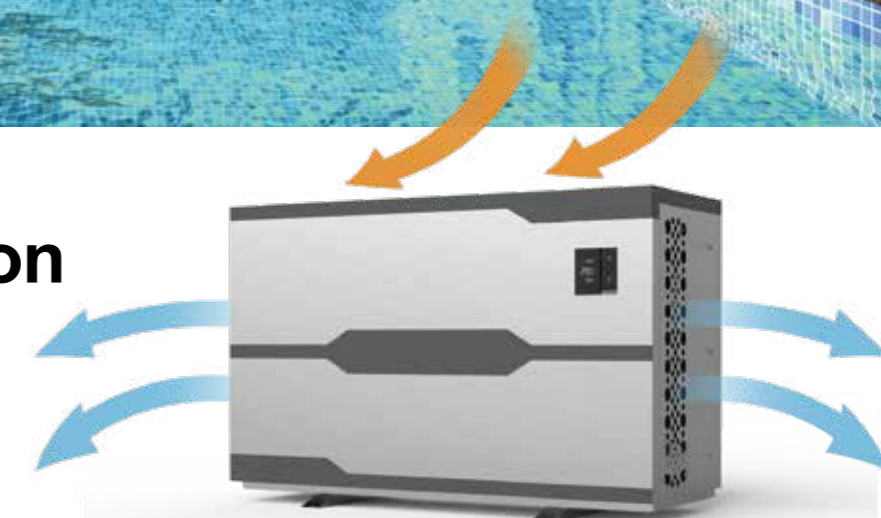
i-ExpertLine Iron	PASRW015-P-BP6-X	PASRW020-P-BP6-X	PASRW030-P-BP6-X	PASRW040-P-BP6-X	PASRW050-P-BP6-X
Advised pool volume(m3)	20-40	30-55	40-70	50-85	60-100
Operating air temperature (°C)	(-10°C~43°C)				
Performance Condition (Air 27°C/Water 26°C/Humid. 80%)					
Heating Capacity(kW)	1.4-7.1	1.9-9.5	2.4-13	2.5-17.8	3.5-20
Consumed power (kW)	0.087-1.09	0.118-1.39	0.145-1.96	0.151-2.78	0.214-3.07
COP	16-6.5	16.1-6.8	16.5-6.6	16.5-6.4	16.3-6.5
Performance Condition (Air 15°C/Water 26°C/Humid. 70%)					
Heating Capacity(kW)	1.1-5.5	1.4-7.0	1.6-9.1	2.3-12.8	2.5-14.7
Consumed power (kW)	0.157-1.22	0.205-1.48	0.238-1.89	0.353-2.66	0.357-3.19
COP	7~4.5	6.8~4.7	6.7~4.8	6.5~4.8	7~4.6
Performance Condition (Air 10°C/Water 26°C/Humid. 64%)					
Heating Capacity(kW)	0.9-4.0	1.2-5.5	1.6-7.2	2.0-9.8	2.6-11.3
Consumed power (kW)	0.20-1.25	0.27-1.72	0.33-2.18	0.40-2.80	0.58-3.32
COP	4.5-3.2	4.5-3.2	4.8-3.3	4.9-3.5	4.5-3.4
Power Supply	230V~/50Hz&60Hz				
Casing type	Aluminum-alloy simulation				
Fan Quantity	1				
Fan Speed (RPM)	400-700	400-750	400-800	400-750	500-750
Sound Pressure 1m dB(A)	36-45	36.5-47	39-48.5	40-50	41-51
Sound Pressure 10m dB(A)	16-25	16.5-27	19-28.5	20-30	21-31
Water Connection (mm)	50				
Water Flow Volume (m3/h)	2.4	3.2	4.1	5.2	5.6
Water Pressure Drop (max) kPa	2	3	4	5	6
Net Dimensions L/W/H (mm)	1030*455*635	1030*455*635	1030*455*635	1130*500*800	1210*530*900
Qty per 20GP/40GP/40HQ	72/156/156	72/156/156	72/156/156	72/156/156	44/84/84
Refrigerant	R32				

The data above is for reference only.

For more specific data, please refer to the nameplate on the unit.



-ExpertLine Iron



Targeting the globe high-end market, PHNIX full inverter swimming pool heat pump- i-ExpertLine Iron has been carefully conceived and designed to be modern in appearance, super silent and highly efficient during operation and smart in controlling.

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AWESOME CRAFT FOR SWIMMING POOL HEATING

i-ExperLine Iron is made of the best materials with first class workmanship.

Not just an efficient swimming pool heat pump product as it is, PHNIX R&D team is aiming to build an awesome craft with all modern elements, such as double-side airflow outlet, matt-finished sheet metal cabinet, golden radiator, etc.

Warranty of quality.
i-ExperLine Iron is guaranteed of 7 year warranty on its compressor and 1 year warranty on its labor cost.

SWIMMING POOL HEATING

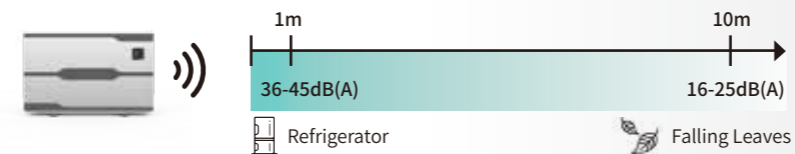
Advanced Heat Pump Technology

Not only is the unit designed with superior appearance, but also powerful performance. With mature inverter technology combined with the adoption of Mitsubishi compressor, the unit can maintain high COP at 16 while running silently, which create wonderful swimming atmosphere for you!



Low Noise Running

A fully enclosed cabinet is specially designed for the compressor so that the running noise can be kept inside and the noise of the whole unit can maintain very low.



Double-side Airflow Outlet

The unit uses PHNIX own patent double-side airflow cabinet which through years of application in the market is proven to be highly efficient in heat exchange and outstandingly silent during operation.



Matt-finished Sheet Metal Cabinet

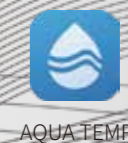
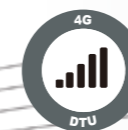
On the cabinet, the lively interplay of matt-finished surfaces combined with irregular shaped pattern is reminiscent of a high-performance swimming pool heat pump products.



Modern Controller

The unit utilizes a smart big button and touch combined display which is incomparably easy to use. Moreover, the display can be installed simply by plugging in the machine and removes easily when maintenance and replacement.

APP CONTROL



Simplify your life with AQUA TEMP.

Via connection by Bluetooth, Wi-Fi and 4G, your can take full control of your swimming pool heat pump from anywhere in your home or office with a single app on your smartphone.

