

# Specification

Model		PASRW020-BP-PS-B	PASRW040-BP-PS-B	PASRW040S-BP-PS-B	PASRW060-BP-PS-B	PASRW060S-BP-PS-B
Power Supply	/	220~240V~/50Hz	220~240V~/50Hz	380~415V/3N~/50Hz	220~240V~/50Hz	380~415V/3N~/50Hz
Heating Condition - Ambient Temp. (DB/WB): 7/6°C, Water Temp. (In/Out): 30/35°C						
Heating Capacity Range	kW	2.30~8.20	3.80~12.50	3.80~12.50	7.00~23.00	7.00~23.00
Heating Power Input Range	kW	0.50~1.84	0.80~2.95	0.80~2.95	1.47~5.90	1.47~5.90
Heating Current Input Range	A	2.17~8.00	3.48~12.80	1.33~4.92	6.50~25.90	2.60~10.42
Cooling Condition - Ambient Temp. (DB/WB): 35/24°C, Water Temp. (In/Out): 12/7°C						
Cooling Capacity Range	kW	1.56~6.00	2.20~10.00	2.20~10.00	4.35~15.00	5.30~15.00
Cooling Power Input Range	kW	0.63~2.36	1.10~3.80	1.10~3.80	1.65~6.59	2.03~6.59
Heating Current Input Range	A	2.74~10.30	4.78~8.26	1.84~6.36	7.58~30.00	3.59~11.64
Hot Water Condition - Ambient Temp. (DB/WB): 20/15°C, Water Temp. (In/Out): 15/55°C						
Hot Water Capacity Range	kW	3.00~9.50	4.15~16.00	4.15~16.00	8.80~26.20	8.80~26.20
Hot Water Power Input Range	kW	0.62~2.30	0.90~3.85	0.90~3.85	2.10~6.29	2.10~6.29
Hot Water Current Input Range	A	2.70~10.00	3.91~17.2	1.50~6.43	9.22~27.60	3.71~11.11
Max. Power Input	kW	2.90	4.95	4.95	6.60	8.30
Max. Current Input	A	13.0	21.4	8.0	30.0	15.0
Water Flow	m <sup>3</sup> /h	1.00	1.70	1.70	2.90	2.90
Refrigerant / Proper Input	kg	R32 / 1.1kg	R32 / 1.8kg	R32 / 1.8kg	R32 / 2.0kg	R32 / 2.0kg
CO <sub>2</sub> Equivalent	Ton	0.74	1.22	1.22	1.35	1.35
Sound Pressure (1m)	dB(A)	41	43	43	44	45
Sound Power Level <small>EN 12102</small>	dB(A)	55	58	60	61	61
Operating Ambient Temperature	°C	-25~43				
Max. Water Temperature	°C	60				
Fan Quantity	/	1	1	1	2	2
Fan Motor Type	/	DC				
Water Connection	inch	1				
Water Pressure Drop (max)	kPa	40	45	45	69	69
Circulation Pump	Brand	GRUNDFOS				
Circulation Pump Water Head	m	7.5	7.5	7.5	12.5	12.5
ErP Level(35°C)	/	A+++				
Cabinet Type	/	Galvanized sheet+ASA				
Unit Dimension(L/W/H)	mm	1167×407×795	1287×458×928	1287×458×928	1250×540×1330	1250×540×1330
Shipping Dimensions(L/W/H)	mm	1300×485×940	1420×540×1080	1420×540×1080	1380×570×1480	1380×570×1480

The above data is for reference only; specific data is subject to the product nameplate.

# PHNXX



# HeroPremium Series

**Air-to-Water Heat Pump**  
**Heating/Cooling, Hot Water**



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WEB

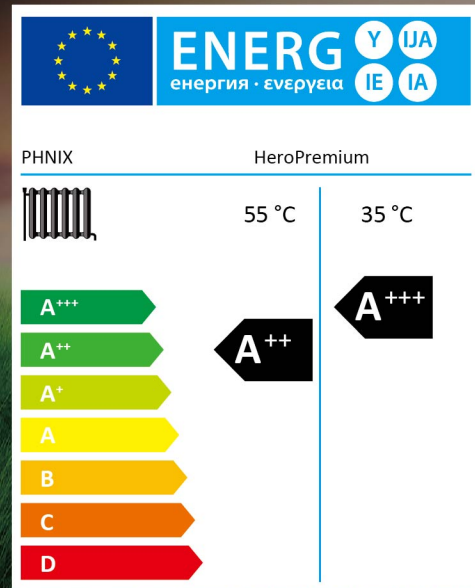


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Be Ready for a Low-Carbon Life.



## Super High Efficiency A+++



Targeting the European market, the HeroPremium Series air-to-water heat pump is specially developed through cutting-edge energy-saving technology to reach the highest A+++ energy rating to meet the stringent requirements for energy efficiency. With the top A+++ energy efficiency level, the HeroPremium series stands at the forefront of the heat pump market, contributing to environmental protection while significantly reducing energy bills for customers.

## R32 Refrigerant

R32 contributes greatly to environmental protection since it has a low GWP of 675 which is just 32% of R410A. In the same heat pump system, with lower liquid density, the charge amount of R32 is less than that of R410A, which brings in higher economic efficiency. The heat needed to evaporate R32 is greater than that of R410A so that the required mass flow rate per unit is smaller and the COP is higher. HeroPremium Series not only takes care of your family but also contributes to protecting the earth.

## Elegant Wave Screw-Free Design

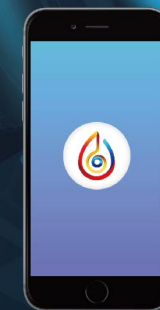
Born for the high-end air-to-water heat pump market, the appearance of the HeroPremium Series is simple and elegant. As it features a new and innovative cabinet design, no screws are visible on the surface. The design details are reflected in every considerate place, revealing it to be a masterpiece of sincerity.

## ASA Material & Anti-Corrosion

The ASA cabinet is strongly corrosion-resistant that ensures a long service life. A metal case is also an option. Available in black and white. HeroPremium Series can be your dream unit for house heating!

## DC Inverter EVI Technology

DC Inverter EVI Technology can effectively reduce power consumption and improve the heating capacity of heat pump units to ensure stable performance even at ambient temperatures as low as -25°C, which helps to offer the users optimum house heating and hot water supply all year round.



## PHNIX Smart Control Family



Warmlink



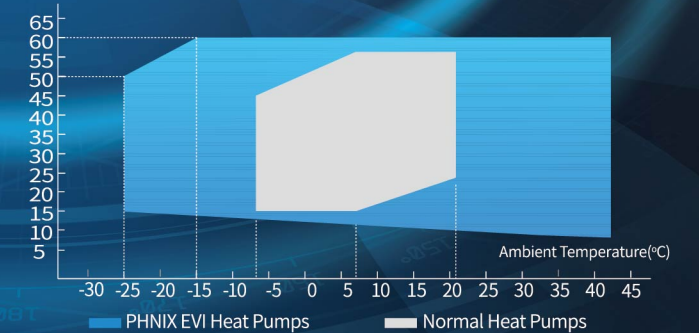
Available on the App Store



Get it on Google play



Outlet Water Temperature(°C)



## Silent Running

20dB(A)  
Rustle of leaves



30dB(A)  
Whisper



41dB(A)  
HeroPremium



50dB(A)  
Fridge



70dB(A)  
Car



1 Meter Distance

In addition to choosing a high-quality, stable, low-noise compressor, the HeroPremium series utilizes a fully upgraded internal design. After multiple times of rigorous tests and improvements, the unit perfectly keeps an ultra-low operating noise of 41dB(A) at a distance of 1-meter. HeroPremium Series walks along with you in a peaceful and comfortable green life.