

Parameters

Model		PASRW020-BP-PS-B	PASRW040-BP-PS-B	PASRW040S-BP-PS-B	PASRW060-BP-PS-B	PASRW060S-BP-PS-B
Power Supply	/	230V~/30~90Hz	230V~/30~90Hz	380V/3N~/30~90Hz	230V~/30~90Hz	380V/3N~/30~90Hz
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	1.27~5.20	1.27~5.20
Cooling Condition - Ambient Temp. (DB/WB): 35/24°C, Water Temp. (In/Out): 12/7°C						
Cooling Capacity Range	kW	1.56~6.00	2.20~10.0	2.20~10.00	6.30~18.40	6.30~18.40
Cooling Power Input Range	kW	0.63~2.36	1.10~3.80	1.10~3.80	1.63~7.05	1.63~7.05
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	10.20~29.90	10.20~29.90
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
ErP Level (35°C)	/	A+++	A+++	A+++	A+++	A+++
ErP Level (55°C)	/	A++	A++	A++	A++	A++
SCOP(35°C)	/	4.80	4.81	4.77	4.71	4.71
SCOP(55°C)	/	3.35	3.41	3.44	3.46	3.46
Water Flow	m³/h	1.00	1.70	1.70	2.90	2.90
Refrigerant / Proper Input	kg	R32/1.3kg	R32/1.8kg	R32/1.8kg	R32/2.3kg	R32/2.3kg
CO ₂ Equivalent	Ton	0.88	1.22	1.22	1.55	1.55
Sound Pressure At Rated Flow (1m)	dB(A)	42	43	45	46	46
Sound Power Level <small>EN 12102</small> (35°C)	dB(A)	57	58	60	61	61
Cabinet Type	/	Galvanized sheet+ABS				
Compressor Brand	/	Panasonic				
Circulation Pump Brand	/	GRUNDFOS				
Fan Motor Type	/	DC motor				
Operating Ambient Temperature	°C	-25~43				
Water Connection	inch	1				
Unit Dimensions(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	1200×469×945	1320×520×950	1320×520×950	1300×600×1450	1300×600×1450

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

PHNXX



HeroPremium Series

Heating/Cooling, Hot Water



Air-to-Water Heat Pump

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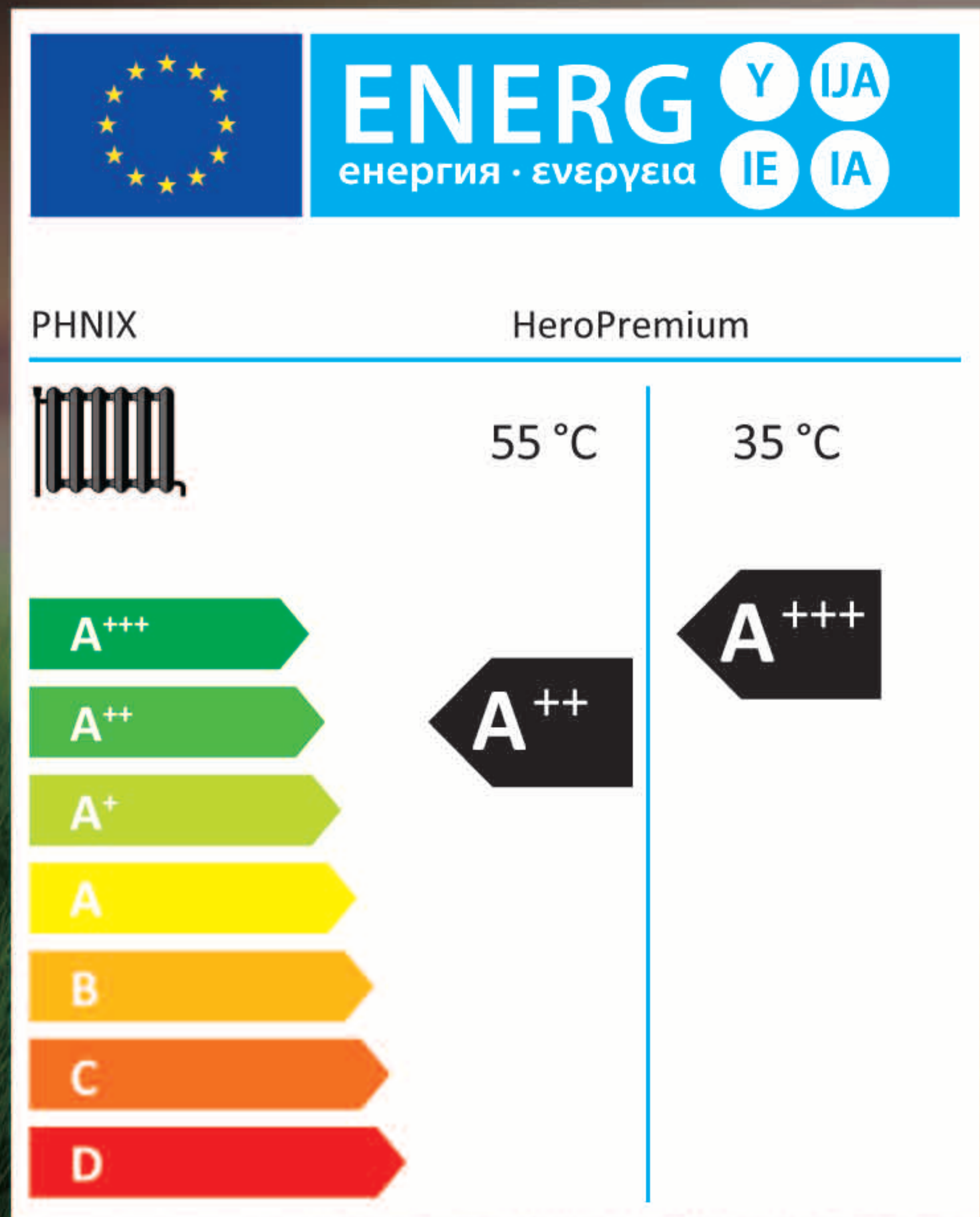


WEB



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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.

ABS Material & Anti-Corrosion

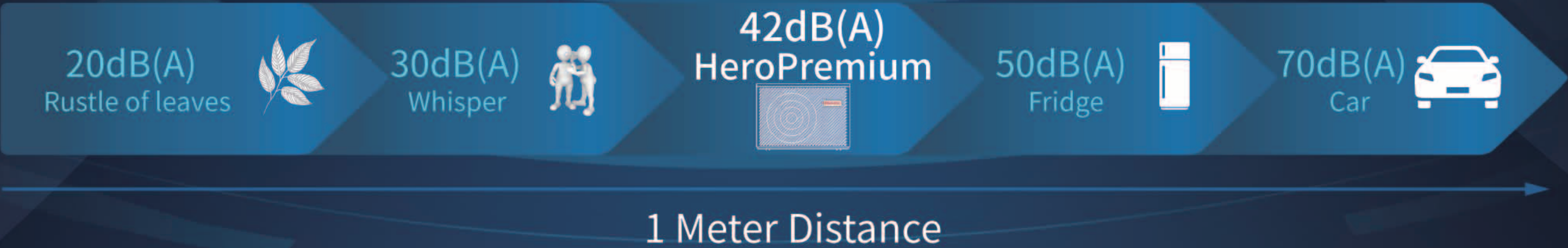
The ABS cabinet is strongly corrosion-resistant that ensures a long service life. A metal case is also an option. Available in black and white. HeroPremium Series can be your dream unit for house heating!

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.



Silent Running



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 42dB(A) at a distance of 1-meter. HeroPremium Series walks along with you in a peaceful and comfortable green life.