PHNX

GUANGDONG PHNIX ECO-ENERGY SOLUTION LTD.

TEL:+86-4009-4009-00 E-mail:phnixen@phnix-e.com Website:www.phnix-e.com

FAX:+86-20-39067770





Website

LinkedIn

© 2025 PHNIX All rights reserved. Subject to change without notice.

PHNXX



The Everest Series

Air to Water Heat Pump



Exceptional Performance in Extreme Conditions

The PHNIX Everest Series stands out with its exceptional performance. It operates reliably in ambient temperature as low as -30°C, ensuring stable heating even in harsh winter condition. Additionally, it delivers water temperature up to 80°C, making it ideal for residential heating. This combination of low-temperature operation and high output efficiency makes the Everest Series a reliable choice for demanding climates.





Superior Performance

at Both 35°C and 55°C Ambient Temperature

With its exceptional energy efficiency, the Everest Series delivers outstanding performance in both 35°C and 55°C ambient temperature. It meets and exceeds industry standards, achieving an A+++ energy rating, making it one of the most efficient heat pumps available for residential heating. This high efficiency translates to lower energy consumption, reduced costs, and a greener, more sustainable home heating solution.





ATT THE REPART OF THE TRANSPORTER FOR THE THE TRANSPORTER FOR THE TRANSPORTER FOR THE

Powered by R290 Refrigerant, **Sustainability Meets High Performance**

heating solution.

The Everest Series utilizes R290 refrigerant, a natural and environmentally friendly choice. With a significantly lower Global Warming Potential (GWP) compared to traditional refrigerants, R290 minimizes environmental impact while delivering superior energy efficiency. Its excellent thermodynamic properties enhance the heat pump's performance, enabling higher heating capacities and faster heating response times. This combination makes the Everest Series an ideal choice for those seeking a sustainable and efficient home

Core Noise Reduction Technology

Max. Sound Pressure Level

_	Model		1 Meter Distance	3 Meters Distance	5 Meters Distance	10 Meters Distance	
	EST040	dB(A)	51	42	37	31	
	EST040S	dB(A)	51	42	37	31	
-	EST060S	dB(A)	55	45	41	35	

The Everest Series features industry-leading noise reduction, operating as quietly as 39 dB(A) at 1 meter. This remarkable quietness is made through advanced noise-reduction technologies, making it a perfect choice for homes where noise sensitivity is a priority, whether in residential areas or for individuals who value a peaceful living environment.

Max Sound Pressure

PHNX

51dB(A) **1 Meter Distance**

42dB(A) **3 Meter Distance**

31dB(A) **10 Meter Distance**

Seamless Management for Ultimate Comfort





The Everest Series comes equipped with a sophisticated Centralized Control System, allowing users to easily manage and monitor their heating system from a single, intuitive interface. This system enables complete control over various settings, such as temperature, operating modes, and energy usage, ensuring that the home environment remains comfortable and energy-efficient at all times.





User-friendly Operation



07





Cooling & Hot Water

Heating DHW Mode

Cooling DHW Mode

Mute Mode

Intelligent Deforsting Mode

Weather Compensation Function

High Temp. Disinfection

SG Ready

Multiple Languages



Greek	German
Γειά σου (Yia sou)	Hallo
Polish	Danish
Cześć	Hej
Ukraine	French
Привіт (Pryvit)	Bonjour
Bulgarian	Czech
Здравейте (Zdraveyte)	Ahoj
Slovenian	19-65
Hej <u>Zo</u>	dravo
	Greek Faiá dou (Yia sou) Polish CZEŚĆ Ukraine Ukraine Ipubit (Pryvit) Bulgarian Slovenian

Smart Installation with Multi-functional Tank

Connect the unit directly to the Multi-functional Tank, the most convenient installation way.

Multi-functional tank includes DHW tank, buffer tank, circulation pump for heating / cooling (optional), expansion tank, water refilling valve, electrical heater, safety valve.

The newly introduced voice control feature allows seamless integration with AI major ecosystems, enabling effortless operation with simple voice commands.



Smart Control

With the WarmLink APP, users can monitor real-time system operation. The intuitive interface and Al-driven optimization enable effortless adjustments and smarter energy management. Seamlessly integrating with major smart home ecosystems, it ensures optimal comfort and intelligent control anytime, anywhere.

Connect with Your Heat Pumps Anytime Anywhere

—Smart Control, Remote Upgrade

The smart control feature of the Everest Series heat pump is your reliable partner. With OTA updates for continuous optimization and seamless IoT platform integration, it connects via 4G or Wi-Fi, allowing remote water temperature management from your smartphone or tablet, ensuring ultimate convenience and precision.

10 10 10 10

the states

Accessible Design for Simplified Operations

The Everest Series is thoughtfully designed to simplify installation and maintenance. The front panel opens effortlessly, allowing easy access for servicing and repairs.

Additionally, the rear net is detachable, enabling quick and efficient defrosting. This design not only enhances user convenience but also minimizes downtime, keeping the heat pump in optimal condition.

Elegant Appearance with Practical Advantages

The Everest Series features a sleek screw-less design, offering a modern, high-end look with enhanced durability. By eliminating screws, it ensures a streamlined appearance, improved structural integrity, and easier maintenance—making installation and servicing more efficient. This seamless design blends style with practicality for a superior user experience.

Quick Setup Effortless Positioning

The Everest Series heat pump comes equipped with a smart base foot design that allows for guick and hassle-free installation. Simply place the unit on a flat surface, and it's ready to go. This no-fuss installation process eliminates the need for complex mounting or additional components, offering maximum convenience for homeowners and installers alike.

PHNX

Global Projects

Specification

Mod Power : Heating Nomina Heating Heating Heating Nomina Heating Heating Cooling Cooling Cooling Cooling Cooling Max. Pc Max. Cu Refrige Refrige Sound I Sound F Net Wei Unit Dir Shippin Circulat Operati Fan Qu Fan Mo Water (Rated \ Water I Circulat Cabinet

el		EST40	EST40S	EST60S		
Supply	/	220-240V~/50Hz	400V/3N~/50Hz	400V/3N~/50Hz		
g Condition - Ambient Temp. (DB/ WB): 7	7/6°C, Water Temp	o. (In/ Out): 30/ 35°C				
al Capacity	kW	12	12	17		
g Capacity Range	kW	3.7-18.4	4.3-18.7	4.5-23.4		
g Power Input Range	kW	0.7-4.8	0.7-4.5	0.9-5.5		
g Condition - Ambient Temp. (DB/ WB): 7	7/6°C, Water Temp	o. (In/ Out): 47/ 55°C				
al Capacity	kW	12	12	17		
g Capacity Range	kW	3.0-18.0	4.3-18.2	3.9-23.2		
g Power Input Range	kW	1.1-6.6	0.9-6.2	1.2-7.6		
g Condition - Ambient Temp. (DB/ WB): 3	5/24°C, Water Ter	mp. (In/ Out): 23/ 18°C				
g Capacity Range	kW	3.9-15.4	3.8-15.5	5.0-23.2		
g Power Input Range	kW	0.8-5.6	0.8-5.5	1.0-6.6		
g Condition - Ambient Temp. (DB/ WB): 3	5/24°C, Water Ter	mp. (In/ Out): 12/ 7°C				
g Capacity Range	kW	2.8-12.7	2.8-12.8	3.5-17.0		
g Power Input Range	kW	1.2-5.4	1.2-5.4	1.3-6.0		
ower Input	kW	7.0	8.0	8.5		
urrent Input	A	30	12	15		
erant Type	/	R290	R290	R290		
erant Volume	kg	1.2	1.2	1.7		
Pressure (1m)	dB(A)	40	40	42		
Power Level (EN12102)	dB	55	55	58		
eight	kg	210	214	275		
imension(L/W/H)	mm	1438×545×1105	1438×545×1105	1438×545×1524		
ng Dimension(L/W/H)	mm	1588×623×1206	1588×623×1206	1588×623×1622		
tion Pump Brand		Yes				
ring Ambient Temperature °C		-30~43				
uantity /		1				
otor Type	/		DC Motor			
Connection	inch	1	1	2		
Water Flow	m³/h	2.06/1.3	2.06 / 1.3	2.9/1.8		
Pressure Drop @Rated Water Flow	kPa	20	20	34		
tion Pump Head @Rated Water Flow	m	7.5	7.5	12.5		
et Type	/		Galvanized Sheet+EPP			

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