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PHNXX



airMono

R290 Inverter Indoor Monoblock Heat Pump

Outdoor Free. Easy Installation. AI Empowerment.

Flexible Indoor Installation

Living Room



Flexible Indoor Installation

Garage



Flexible Indoor Installation

Kitchen



Flexible Indoor Installation

Utility Room



Easy Installation

No Outdoor Unit Indoor Monoblock Design

All-in-one indoor installation simplifies the installation process and significantly reduces labor and installation costs.

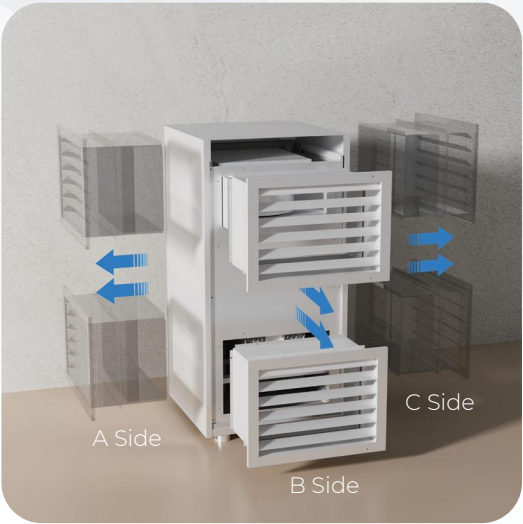


Integrated Mounting Bracket

Fast wall installation enabled.

Top Air Outlet Design

Side-space free, smooth airflow for wall or corner setups.



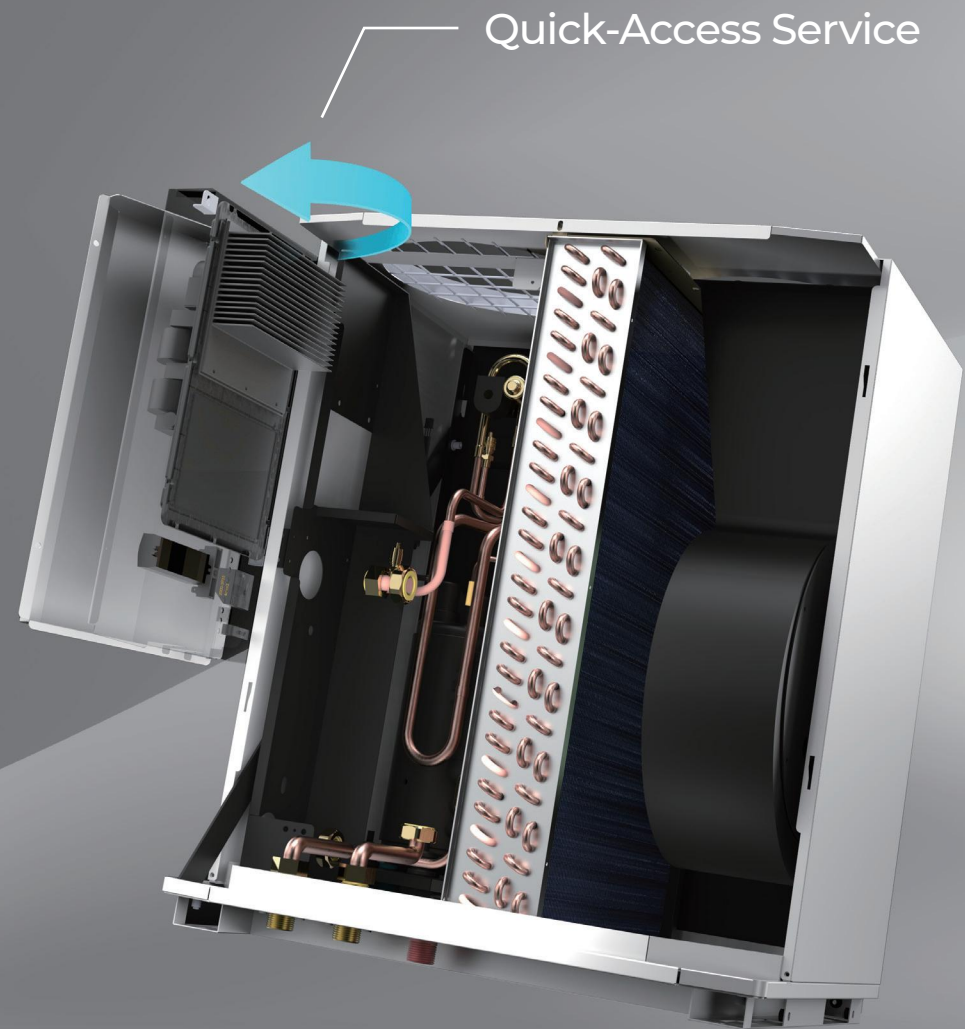
Multi-side Airflow Design

3-side selectable inlets/ outlets for full flexibility.

Two Air Duct Options

Rectangular or round to suit different setups.





Easy Service



Remote Intelligent Service

PHNIX IoT platform enables remote service and management. It supports prompt fault detection and remote diagnosis, reducing service visits and improving maintenance efficiency.



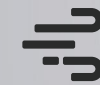
Quick-Access Service Structure

- * Pipeline is directly accessible by pulling out the electrical box.
- * Full maintenance can be completed without moving the unit; only the left, right and front panels need to be removed.



Ultra-Quiet Operation

Designed for Indoor Comfort



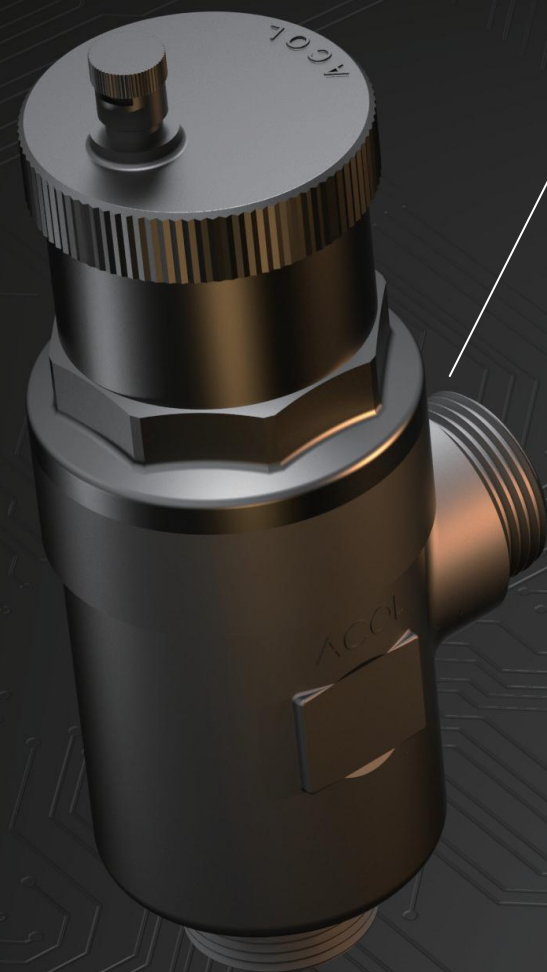
Optimized Air Duct Design

Ensures smooth airflow to reduce energy loss during operation and improve overall efficiency, resulting in lower utility bills.

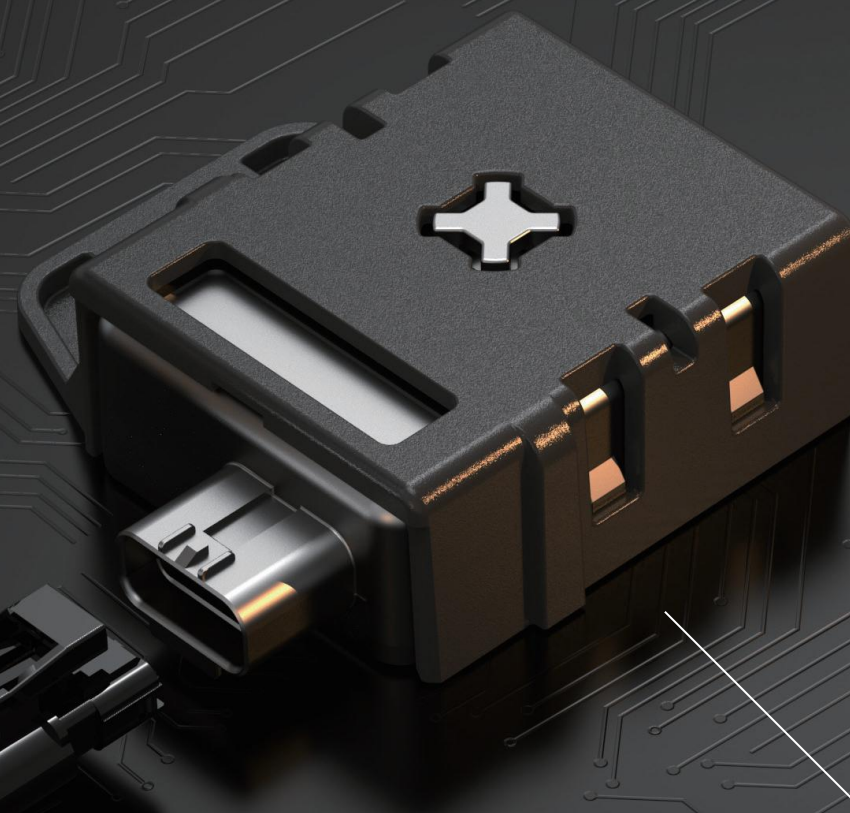


Fully Wrapped Composite Silencer Cotton

The compressor is fully enclosed with composite silencer cotton, effectively reducing vibration and noise to deliver a quieter, more comfortable indoor experience.



Gas Separator



R290 Leak Detector

Built-in Safety

100% Protection. Zero Compromise

Equipped with a Gas Separator and R290 leak detector, the system rapidly detects leaking refrigerant and actively discharges it.

1 minute after startup, the system monitors refrigerant concentration in real time; if values exceed preset thresholds, it triggers shutdown protection, and the fan adjusts to preset speed to vent refrigerant outdoors.

Easy Control

Zone Control



Remote Heat/ Cool | Remote On/ Off | Room Thermostat

Remote Control



Centralized Control –Modbus



User-Friendly Operation

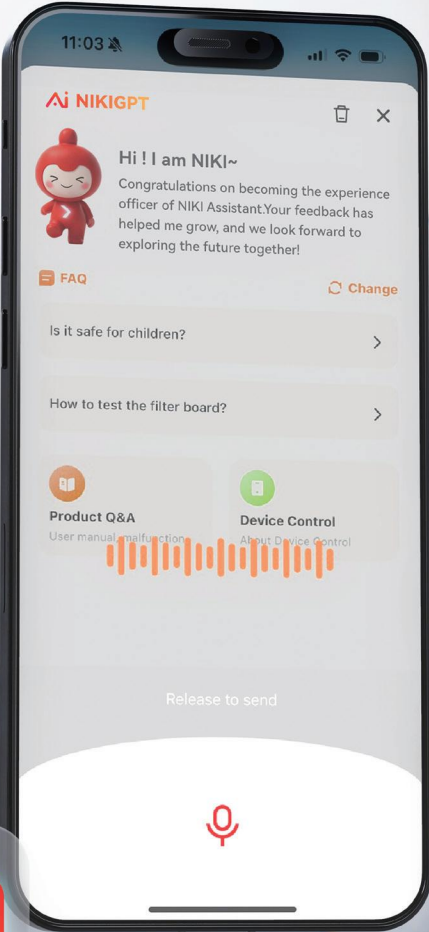
Available in 14 Languages

- Francais
- Dutch
- English
- Ukrainian
- Portuguese
- ...



AI SMART ASSISTANT

PHNIX NIKIGPT INTERACTION



Device Control

I'm getting an E03 error.

Hi- i am NIKI.What can i do for you?

I am leaving for business trip tomorrow and will come back in two weeks. Any recommended settings?

Please switch to vacation mode and set the date to January 8th.Before you leave please turn off the unit.



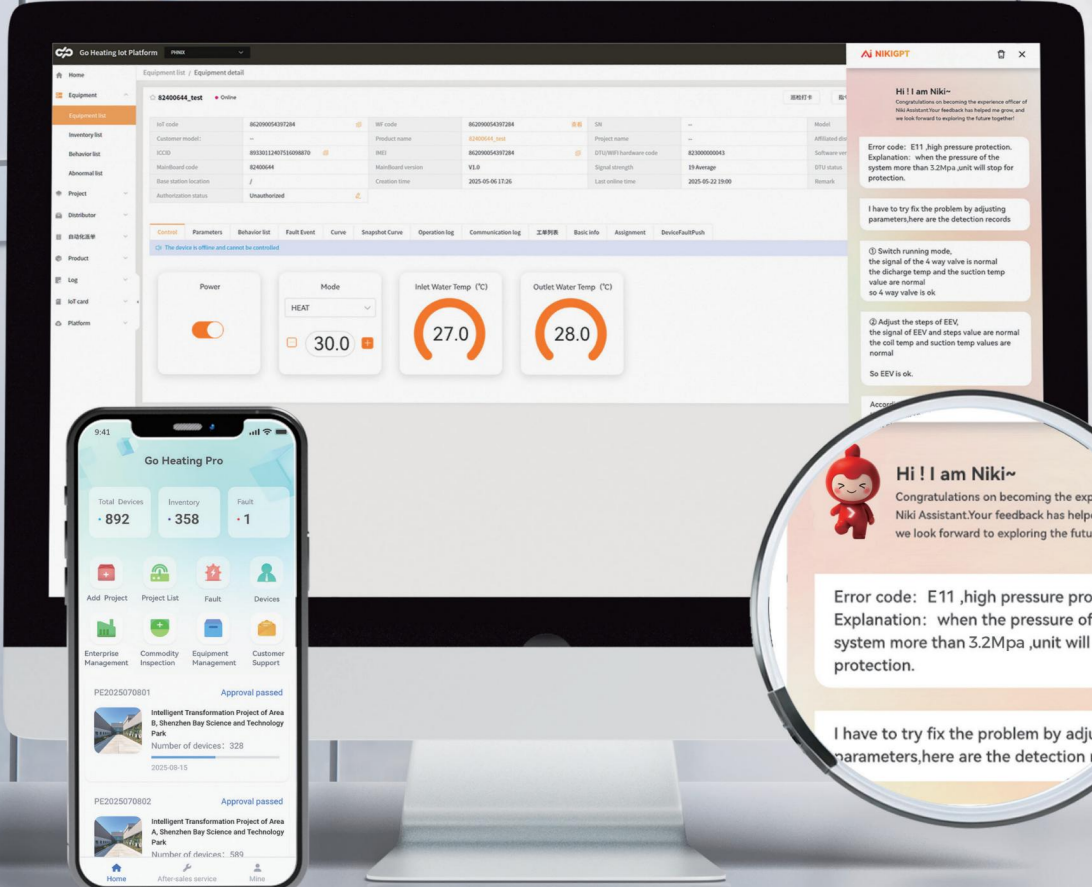
Device Control
About Device Control



Product Q&A
User manual, malfunction

AI-Driven Service Ecosystem

PHNIX IOT Platform



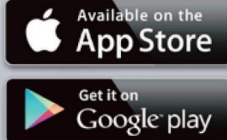
Hi ! I am Niki~
Congratulations on becoming the experience Niki Assistant.Your feedback has helped me grow, and we look forward to exploring the future together.

Error code: E11 ,high pressure protection.
Explanation: when the pressure of the system more than 3.2Mpa ,unit will stop for protection.

I have to try fix the problem by adjusting parameters,here are the detection records

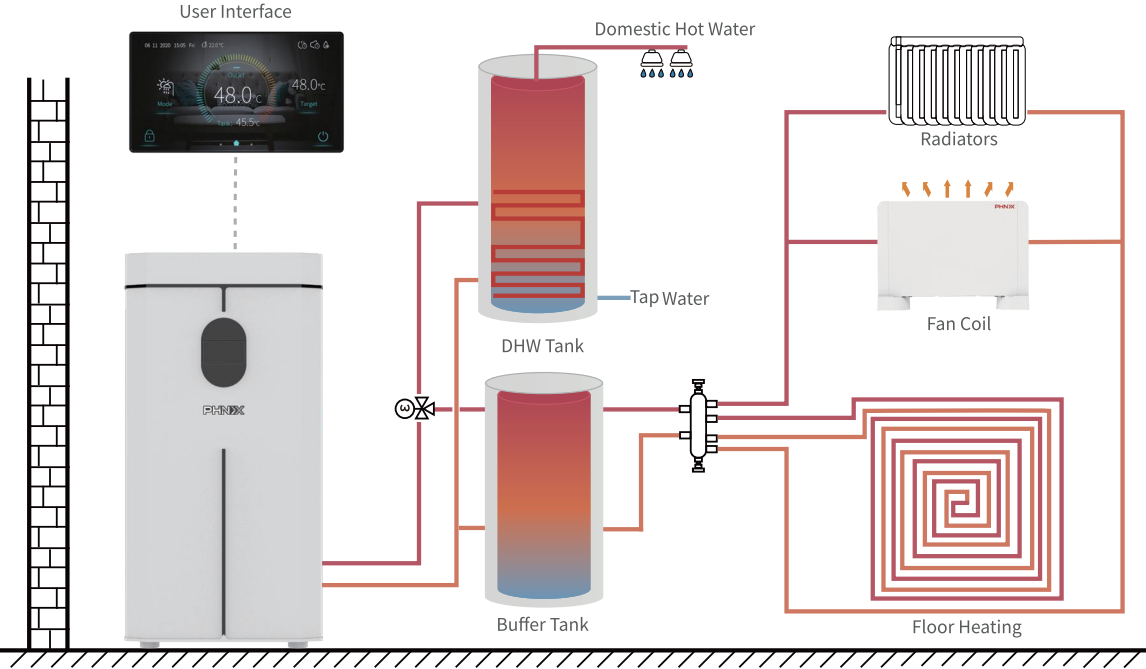


Go Heating Pro



System Schematic Diagram

3-in-1 Indoor Monoblock Heat Pump: Heating,
Cooling & Domestic Hot Water



airMono Series |     

Model		CC15B	CA20B
Power Supply	V~/Hz	220-240/50	220-240/50
Heating Performances Ambient Temp. (DB/ WB): 7/ 6°C; Water Temp. (In/ Out): 30/ 35°C			
Nominal Capacity	W	3200	4800
Heating Power Input	W	820	1148
COP	/	3.9	4.18
SCOP/Energy efficiency class	/	A+++	A+++
Heating Performances Ambient Temp. (DB/ WB): 7/ 6°C; Water Temp. (In/ Out): 47/ 55°C			
Nominal Capacity	W	3200	4800
Heating Power Input	W	1280	1811
COP	/	2.5	2.65
Type of Refrigerant	/	R290	R290
Refrigerant Volume	kg	0.45	0.49
GWP	/	3	3
CO ₂ Equivalent	Ton	0.00135	0.00147
Net Weight	kg	73	124
Gross Weight	kg	85	142
Type of Fan	/	DC Motor	DC Motor
Operation Range	°C	-15~43	-15~43
Compressor Type	/	Rotary	Rotary
Rated Flow Rate	m3/h	0.55	0.82
Product Dimension	mm	598*495*725	598*615*1200
Shipping Dimension	mm	685*570*840	640*730*1263
Sound Pressure (1m)	dB(A)	44	47
Sound Power Level (EN12102)	dB	58	61
Heat Exchange	/	Plate type	Plate type
Head of Circulation Pump	m	6	9
Hot Water Setting Temperature	°C	55	55