

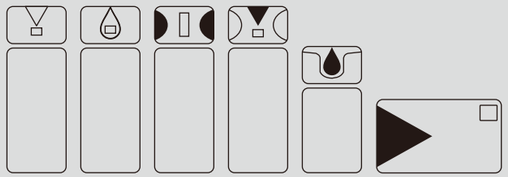
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2025 DOMESTIC HOT WATER HEAT PUMPS



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About PHNIX

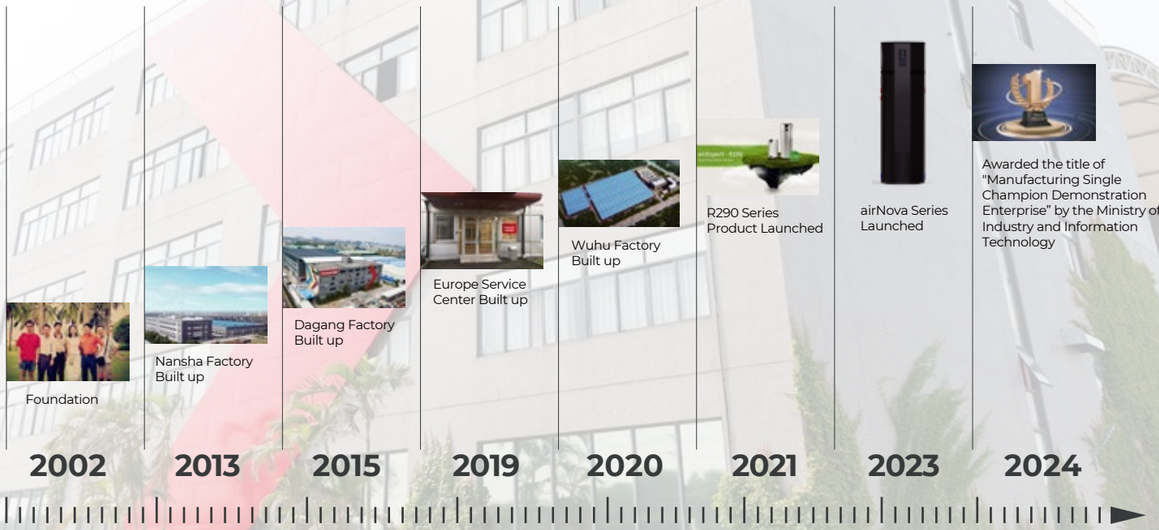
PHNIX is one of the largest Heat Pump manufacturers in China, who provides users with integrated energy-saving solutions and products, including Residential and Commercial Heat Pump Water Heaters, House Heating & Cooling Heat Pumps and Swimming Pool Heat Pumps.

PHNIX dedicates itself to be a reliable partner and building the highest quality standards to make its products stable and safe. PHNIX products are always at the forefront of energy efficiency.

With more than 413 national patents covering heat pump applications and heat pump technologies, PHNIX commits itself to technological excellence.

As an international enterprise, PHNIX attaches great importance to overseas markets, exporting more than 50% of its products to Europe, Australia, South Africa, North America, South America, the Middle East, and other regions.

Milestone





GUANGZHOU, CHINA

PHNIX Idea Park

Production Line: **10**
Annual Output: **430,000** units
Main Product: Air-to-water Heat Pump
Swimming Pool Heat Pump



GUANGZHOU, CHINA

Nansha Factory

Production Line: **5**
Annual Output: **150,000** units
Main Product: Domestic Hot Water Heat Pump
Water Source Heat Pump



ANHUI, CHINA

Anhui Factory

Production Line: **17**
Annual Output: **700,000** units
Main Product: Air-to-Water Heat Pump
Swimming Pool Heat Pump



RAYONG, THAILAND

Thailand Factory

Production Line: **10**
Annual Output: **500,000** units
Main Product: All Kinds of Heat Pump





20+ Professional Testing Labs

Our testing center boasts over 20 professional labs, equipped with state-of-the-art technology and accredited by renowned organizations such as ITS, SQS, TüV, and UL. Notably, it includes an industry-leading -30°C ultra-low temperature laboratory for specialized testing needs.

Improve Production Efficiency and Achieve Intelligent Manufacturing

To establish intelligent production lines, we will adopt an advanced production concept that integrates mechanization and automation with digitalization and informatization in production management. This approach will enhance production efficiency and product quality, thereby achieving intelligent manufacturing.



Comprehensive Performance Lab



Energy Efficiency Lab



Noise Testing Lab

Laboratory

Professional Testing Labs



Environmental Reliability Lab



Simulative Field Test Lab



Low Temperature & High Humidity Lab



Online Robot



AVG Auto Feeding Robot



Staking Robot

Manufacture

Improve production efficiency and realize intelligent manufacturing



Production Visualizing Screen



Automation Line



Product Inspection Room



Innovation Investment

300+

In 2025, the number of R&D personnel exceeded 300.

5%

PHNIX commits over 5% of its annual revenue to R&D. This figure reflects its commitment to technological advancement. This investment ensures that the R&D team has access to advanced tools and facilities, driving continuous innovation and maintaining market leadership.

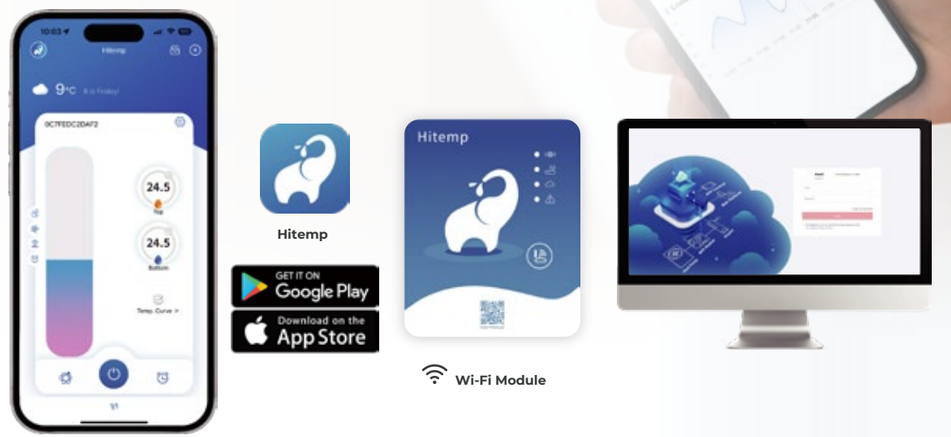
R&D Department

The R&D Department is the cornerstone of PHNIX's innovation, attracting and nurturing top talent. It focuses on developing new products and technologies, with an eye on both current and future market needs, ensuring PHNIX's products stay ahead of industry trends.

Leadership

PHNIX's customer-centric approach and technological innovation drive its leadership in the heat pump industry. By continuously improving its product offerings and service quality, PHNIX aims to be the worldwide preferred provider of high-quality heat pump solutions, always striving to be the client's top choice.

Always in Control



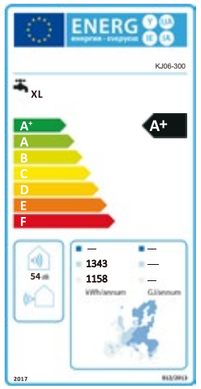
PHNIX New Smart Remote Control



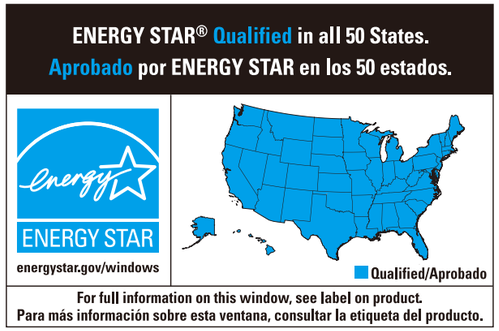
Smart Display Family

Energy Efficiency

PHNIX has always adhered to the goal of energy saving. The highest energy efficiency level of PHNIX water heaters can reach the EU Energy Efficiency A++ Level, which ensures that users can get a better experience at a lower cost.



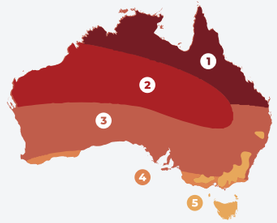
Europe



USA

STC Rebate Zones

The Clean Energy Regulator has calculated the energy saving of the PHNIX heat pump systems according to where you live. Use the map shown here to determine how much you can save on a PHNIX heat pump system.



KL-270						
Certificate	Type	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
	Energy savings (%)	76.9	76.1	75.4	74.3	73.8
STC	10-year	26	26	32	34	34
STC	8-year STC entitlement (2023)	20	20	25	27	27

Australia

Cooperative Partner

Heat pump technology is our core strength. PHNIX focuses on technological research and development, adopting the most appropriate components for every heat pump. PHNIX also values technical communications and collaboration with world-famous enterprises.

Panasonic · orange · wilo · SANHUA · Topband · HIGHLY · GMO

Certification

In each of its operational services, PHNIX's top priority is to ensure the reliability and quality of its products and to meet the technical & professional certifications of overseas markets. As an international brand, PHNIX holds several international certifications, including CE, StandardMark, WaterMark, UL, SAA, ErP, CB, SG-Ready, UKCA and so on.

PHNIX Heat Pump Advantages



Low Noise

All-in-one noise reduction design provides users with a super quiet operation environment.

Full Inverter

PHNIX's full inverter technology ensures high efficiency, energy saving and good stability.

Micro-Channel Heat Coil

Micro-Channel heat coil greatly enlarges the available contact surface between inner water tank and heat coil thus enhance the performance of heat pump water heater. The unit with this kind of device can realize a COP level up to 3.2 based on EN16147 standard.

Remote Diagnostics

Unlimited units can be monitored in the background, convenient for distributors to make timely diagnosis of faulty machine and relieve customers' doubts.

Intelligent Control

With an App on your phone, an easy click can bring you a comfortable shower as soon as you arrive at home.

High COP

The heater uses PHNIX own patent double-side airflow cabinet which is proven to be high-efficient in heat exchange and outstandingly silent during operation.

Refrigerant

The use of new environmentally friendly refrigerants, such as R290, can ensure a good heating effect while reducing greenhouse gas.

Energy Cost Comparison

75%
Energy Saving
COP ≥ 4.0



Air Source Water Heater

- Low energy consumption
- 24 hours hot water supply
- No danger of electric leakage or air leakage





Electric Water Heater

- Hidden danger of leakage
- Need to wait for heating
- Short service life
- Risk of excessive water temperature

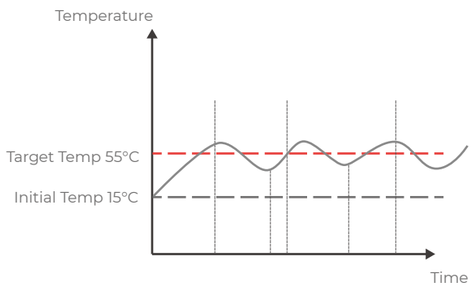
Gas Water Heater

- Exhaust gas emissions
- Short service life
- Water temperature and water pressure fluctuate easily



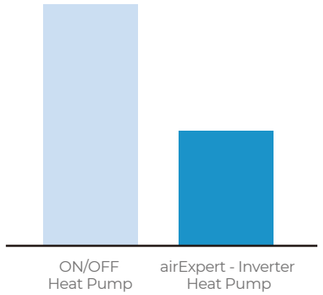
Full DC Inverter Precision

With the help of core inverter technology, the unit can intelligently adapt its running frequency to the most suitable one according to the real-time ambient temperature and water temperature, so as to heat the water to the target temperature in a short time.



Energy Saving

Compare to the ON/OFF heaters, the inverter heater can save more than 50% power in the daily running. Consumers can enjoy fast water heating and energy saving at the same time.



Noise Reduction Technology

Elevate your energy savings with cutting-edge, high-efficiency performance in the new airInverter series.



Specification

Model		KC06B-200	KC06B-300
Volume	L	200	300
Rated Heating Capacity *	kW	1.5	1.5
Heating Time *	H	6.2	8.37
Refrigerant	/	R290 (150g)	R290 (150g)
Electric Heater	kW	1.5	1.5
Sound Pressure Level at 1m	dB(A)	35	35
Sound Power Level	dB(A)	50	50
Max. Water Outlet Temp.	°C	75	75
Operation Range	°C	-5~43	-5~43
Water Outlet Temp. Range**	°C	38~65	38~65
Normatives Data (EN16147)			
Energy Efficiency Class	/	A+	A+
Tapping Cycle	/	L	XL
COP (Exterior Air +7°C)	/	3.5	3.79
Water Heating Energy Efficency	/	147.8%	157.3%
AEC (Exterior Air +7°C)	kWh	692	1065
V40	L	252	352
Tank			
Material	/	Enamel / Stainless Steel	Enamel / Stainless Steel
Max. Inner Solar Coil (Optional)	m^2	/	1.0
Connections and Dimensions			
Power Supply	V	220-240	220-240
Gross Weight / Net Weight	kg	115 / 98	131 / 114
Net Dimension	mm	ϕ640×1600	ϕ640×1905
Shipping Dimension (L/W/H)	mm	720×720×1760	720×720×2070
Qty Per 20ft / 40ft	pcs	24 / 48 / 48	24 / 48 / 48

*Testing condition is ambient temp. DB/WB 20°C / 15°C, water inlet / outlet is 15°C / 55°C
**Heat pump only

airExpert

INDOOR HEAT PUMP WATER HEATER





Color Touch Screen

The clear UI not only allows the user to freely set the water temperature and the running mode but also to check the temperature curve to know about the unit's working condition at any time.



Micro-channel

The R290 series uses Micro-Channel, which makes it more energy-efficient.



DC Fan

The airExpert utilizes a DC fan, effectively reducing the operation noise while providing users the flexibility to adjust airflow speed to meet specific needs.



Detachable Top Cover

With a split design, airExpert can be easily disassembled. It's quite convenient for after-sales service.

R290 Refrigerant

A zero ODP value and an extremely low GWP value mean that there is no negative impact on the ozone layer. That's what makes propane an environmentally friendly refrigerant, which also maintains the good working performance of heat pump units.

Specification

Model		AE03-100	AE03-150	KK06-200	KK06-300
Volume	L	100	150	200	300
Rated Heating Capacity *	kW	0.9	0.9	1.5	1.5
Heating Time *	H	5.17	7.75	6.2	8.37
Refrigerant	/	R290 (150g)	R290 (150g)	R290 (150g)	R290 (150g)
Electric Heater	kW	1.5	1.5	1.5	1.5
Sound Pressure Level at 1m	dB(A)	37	37.2	38.1	38.1
Sound Power Level	dB(A)	51.5	52.4	53.4	53.8
Max. Water Outlet Temp.	°C	75	75	75	75
Operation Range	°C	-5～43	-5～43	-5～43	-5～43
Water Outlet Temp. Range**	°C	38～65	38～65	38~65	38～65
Normatives Data (EN16147)					
Energy Efficiency Class	/	A+	A+	A+	A+
Tapping Cycle	/	M	L	L	XL
COP (Exterior Air +7°C / 14°C)	/	2.61 / 2.76	2.78 / 2.87	3.30 / 3.68	3.41 / 3.91
Water Heating Energy Efficency	/	110.8%	115.7%	138.6%	142.2%
AEC (Exterior Air +7°C / 14°C)	kWh	463 / 437	885 / 859	738 / 657	1178 / 1030
V40	L	153	205	278	376
Tank					
Material	/	Enamel	Enamel	Enamel / Stainless Steel	Enamel / Stainless Steel
Max. Inner Solar Coil (Optional)	m^2	/	/	/	1.0
Connections and Dimensions					
Power Supply	V/Hz	220-240/50	220-240/50	220-240/50	220-240/50
Gross Weight / Net Weight	kg	79 / 68	84 / 71	113 / 96	129 / 112
Net Dimension	mm	ϕ560×1127	ϕ560×1430	ϕ640×1600	ϕ640×1905
Shipping Dimension (L/W/H)	mm	650×650×1250	650×650×1580	720×720×1760	720×720×2070
Qty Per 20ft / 40ft	pcs	108 (40HQ)	27 / 54	24 / 48	24 / 48

*Testing condition is ambient temp DB/WB 20°C / 15°C, water inlet / outlet is 15°C / 55°C
**Heat pump only

airPremier

INDOOR HEAT PUMP WATER HEATER

- Enamel Water Tank
- The Maximum Outlet Water Temperature 75°C
- Customizable Appearance





airPremier - P

Specification

Model		PASHW010-200L-P	PASHW010-300LD-P
Volume	L	200	300
Rated Heating Capacity	kW	2.5	2.5
Power Supply	V/Hz	230/50	230/50
COP(EN16147)20 / 15 °C	W/W	3.666	3.749
Heating Time*	H	3.55	5.31
Refrigerant	/	R134a	R134a
Electric Heater	kW	1.5	1.5
Noise	dB(A)	45	45
Operation Range	°C	-5~43	-5~43
Water Outlet Temp. Range**	°C	38~75	38~75
Max. Water Outlet Temp.	°C	75	75
Net Weight	kg	122	149
Net Dimension	mm	ϕ566×1785	ϕ648×1891

*Testing condition is ambient temp. DB / WB 20°C / 15°C, water inlet/outlet is 15°C / 55°C;
**Heat pump only;



airPremier - T

Specification

Model		PASHW008-200LD-T	PASHW008-300LD-T
Volume	L	200	300
Rated Heating Capacity	kW	1.8	1.8
Power Supply	V/Hz	230/50	230/50
COP(EN16147)20 / 15 °C	W/W	3.143	3.146
Heating Time*	H	4.76	7.03
Refrigerant	/	R134a	R134a
Electric Heater	kW	1.5	1.5
Noise	dB(A)	45	45
Operation Range	°C	-5~43	-5~43
Water Outlet Temp. Range**	°C	38~75	38~75
Max. Water Outlet Temp.	°C	75	75
Net Weight	kg	115	122
Net Dimension	mm	560×570×1731	642×642×1820

*Testing condition is ambient temp. DB/WB 20°C / 15°C, water inlet/outlet is 15°C / 55°C;
**Heat pump only;

airNova 60Hz

INDOOR HEAT PUMP WATER HEATER

R134a · c UL us LISTED · CTA 2045 · ENERGY STAR



Product Internal Structure



1. The filter prevents debris from entering the heat exchanger and keeps it clean.
2. Built-in Demand Response Port. A CTA-2045 port that fits UCM module is at the top of the unit. Plug a UCM in and realize Demand Response function.
3. Brushless DC motor is conducive to efficient and stable operation.
4. Large heat transfer contact surface improves heat transfer efficiency.
5. Condensate is discharged from the unit.
6. Smart control of heat pump operation modes.
7. Magnesium rods protect the water tank from corrosion.
8. The overheat protector protects the unit against excessive water temperatures.
9. Efficiently transfer heat from refrigerant to water.
10. Electric heating helps the water temperature rise rapidly.
11. The front panel is easy to disassemble for parts maintenance.

Product Main Features



The Duct Adapter

The ductadapter converts unit's large duct into a smaller duct for easy duct connection and flexible installation.

Easy Maintenance

The front cover can be removed directly for servicing because all serviceable parts and condensate lines are located at the front of the unit.

Max. Water Temp. 140°F

The maximum water temperature of 140°F and the large capacity water tank ensure the high demand of hot water for large families.

Energy Efficiency UEF 4.14

airNova is the most efficient one on the market with a UEF of up to 4.14. This high UEF simplifies the water heater selection process for customers, as the higher the UEF, the higher the efficiency and the lower the electricity bill.

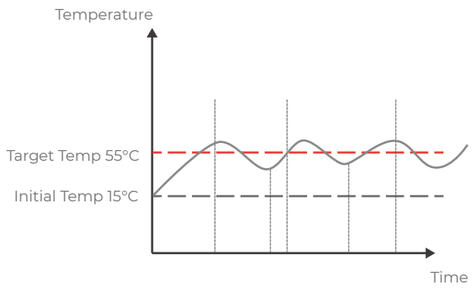
Specification

Model		KA06-50	KA06-80
Heating Capacity	Btu/h	4950	4950
Element Wattage	W	4500	4500
Uniform Energy Factor (UEF)	/	3.88	4.14
Normal Gallon Capacity	gal	50	80
Rated Gallon Capacity	gal	45	72
Power Supply	V/Hz	208-240/60	208-240/60
Water Connector	/	NPT 3/4	NPT 3/4
Noise	dB(A)	48	48
Refrigerant	/	R134a	R134a
Operation Range	°F	23~109.4	23~109.4
Water Outlet Temp. Range	°F	100~140	100~140
Max. Water Outlet Temp.	°F	140	140
Net Weight	lb	210	248
Gross Weight	lb	247	280
Height	inch	61-3/8	73-1/8
Diameter	inch	22-1/16	25-3/16



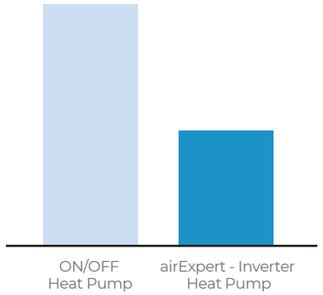
Full DC Inverter Precision

With the help of core inverter technology, the unit can intelligently adapt its running frequency to the most suitable one according to the real-time ambient temperature and water temperature, so as to heat the water to the target temperature in a short time.



Energy Saving

Compare to the ON/OFF heaters, the inverter heater can save more than 50% power in the daily running. Consumers can enjoy fast water heating and energy saving at the same time.



Noise Reduction Technology

Elevate your energy savings with cutting-edge, high-efficiency performance in the new airInverter series.

Enhanced Heating Power

Upgrade your home's warmth with a 20% increase in heating efficiency, ensuring rapid and consistent hot water supply.



Federal Small-Scale Technology Certificate (STC)

PHNIX's innovative design allows it to be eligible for Grants through the Federal Government's Small-scale Renewable Energy Scheme, generously covering a proportion of the upfront costs of purchasing and installing the system. These grants are called Small-scale Technology Certificates(STCs) and are offered based on how sustainable a hot water system is. Your STC rebate value will depend on your installation location.

KW10B-270

	Type	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
Certificate	Energy savings (%)	76.9%	76.1%	75.4%	74.3%	73.8%
STC	10-year	26	26	32	34	34
STC	8-year STC entitlement (2023)	20	20	25	27	27

Specification

Model		KW10B-270
Volume	L	270
Rated Heating Capacity	kW	3.1
Power Supply	V	240
COP (20/15C)	W/W	5.8
Heating Time	H	4
Refrigerant	/	R290
Electric Heater	kW	1
Noise	dB(A)	46
Operation Range	°C	-5~43
Water Outlet Temp. Range	°C	38-60
Max.Water Outlet Temp.	°C	75
Net Weight	kg	130
Shipping Dimension	mm	720×720×2208



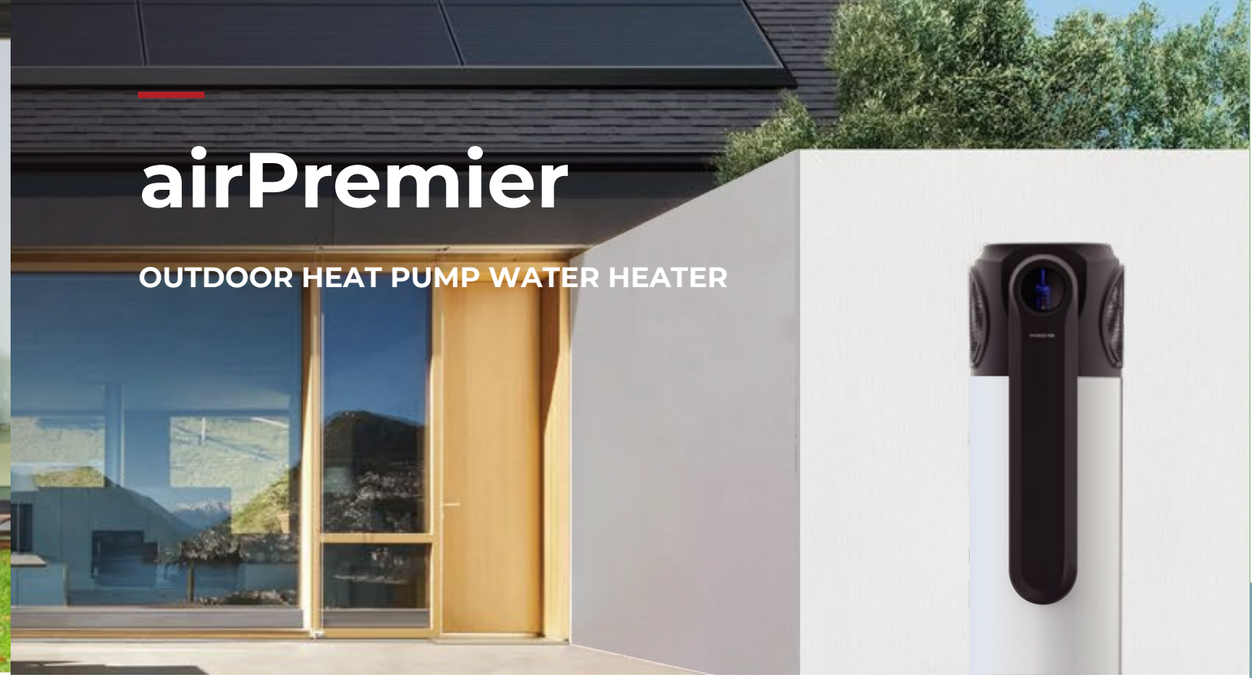
airExpert

OUTDOOR HEAT PUMP WATER HEATER

Efficient
Innovative control system to maximize hot water availability while using up to 65% less energy.

Adaptable
Can be installed anywhere in Australia. Ambient air conditions ranging from -5°C to 43°C.

Disinfection
Auto disinfection preventing the potential growth of legionella.



airPremier

OUTDOOR HEAT PUMP WATER HEATER

Federal Small-Scale Technology Certificate (STC)

PHNIX's innovative design allows it to be eligible for Grants through the Federal Governments Small-scale Renewable Energy Scheme, generously covering a proportion of the up-front costs of purchasing and installing the system. These grants are called Small-scale Technology Certificates (STC's) and are offered based on how sustainable a hot water system is. Your STC rebate value will depend on your installation location.

KL-270	Type	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
Certificate	Energy savings (%)	76.9%	76.1%	75.4%	74.3%	73.8%
STC	10-year	26	26	32	34	34
STC	8-year STC entitlement (2023)	20	20	25	27	27



airExpert - KL

Specification

Model		KL08-150	KL15-270
Volume	L	150	270
Rated Heating Capacity	kW	1.8	4.0
Power Supply	V/Hz	240/50	240/50
COP 20°C / 15°C	/	4.0	4.7
Heating Time for 15°C to 55°C (Ambient Installation 15°C Air)	H	3.87	3.14
Refrigerant	/	R290	R290
Electric Heater	kW	1	1
Operation Range	°C	-5~43	-5~43
Suggested Water Temp.	°C	60	60
Max. Water Outlet Temp.	°C	75	75
Water Tank Rated Water Pressure	kPa	850	850
Gross Weight	kg	102	132
Net Weight	kg	89	116
Net Dimension	mm	ϕ560×1630	ϕ640×2000
Shipping Dimension (L / W / H)	mm	620x620x1815	720×720×2190
Qty Per 20ft / 40ft	pcs	27/57	24/48

Top-Cover Side Air Outlet Grid Design

Equipped with a top-cover side air outlet grid design, the unit offers flexibility in installation, catering to various installation conditions.

High Energy Efficiency

Save on utility bills while enjoying reliable performance.

IPX4 Waterproof Rating

With an IPX4 waterproof rating, the unit is protected against water splashes from any direction, ensuring safety and durability in diverse environments.



airPremier - NP

Specification

Model		PASHW008-150LD-NP	PASHW015-270LD-NP
Volume	L	150	270
Rated Heating Capacity	kW	1.7	3.6
Power Supply	V/Hz	240/50	240/50
COP 20 / 15 °C	W/W	3.78	3.83
Heating Time*	H	4.1	3.48
Refrigerant	/	R134a	R134a
Electric Heater	kW	1.5	1.5
Noise	dB(A)	45	48
Operation Range	°C	-5~43	-5~43
Water Outlet Temp. Range**	°C	38~60	38~60
Max. Water Outlet Temp.	°C	75	75
Net Weight	kg	91	130
Net Dimension	mm	ϕ560×1627	ϕ640 ×1975

*Testing condition is ambient temp. DB / WB 20°C / 15°C, water inlet / outlet is 15°C / 55°C;
**Heat pump only;



airTitan

HEAT PUMP WATER HEATER

Light Commercial Design

Featuring a light commercial aesthetic, it combines neatness with sophistication, standing out in both appearance and performance.

Efficient Heating Power

With a powerful combination of 6kW heating capacity and 5kW of electric heating, the unit ensures a consistent supply of comfortable hot water.

Top-Cover Side Air Outlet Grid Design

Equipped with a top-cover side air outlet grid design, the unit offers flexibility in installation, catering to various installation conditions.



airTitan - KP

Specification

Model		PASHW020-315LD-KP
Volume	L	315
Rated Heating Capacity	kW	6.0
Power Supply	V/Hz	240/50
COP (20 / 15°C)	W/W	4.11
Heating Time*	H	2.44
Refrigerant	/	R134a
Electric Heater	kW	5
Noise	dB(A)	52
Operation Range	°C	-5~43
Water Outlet Temp. Range**	°C	38~60
Max. Water Outlet Temp.	°C	75
Net Weight	kg	157
Net Dimension	mm	ϕ640x2250

*Testing condition is ambient temp. DB/WB 20°C / 15°C, water inlet / outlet is 15°C / 55°C;
**Heat pump only;

airBlock

OUTDOOR HEAT PUMP WATER HEATER

SG Ready

Enables smart connections to PV inverters, batteries, and the smart grids.

Intelligent Defrosting Technology

Four-way valve reverse defrost technology ensures efficient and rapid defrosting, maintaining peak performance in cold environments.





① Double-wall Plate Heat Exchanger

With a double-wall plate heat exchanger, it's easy to detect fluid leakage of the unit and preventing the internal water tank from pollution.

② High-efficiency Water Pump

With a built-in water pump, it makes installation easy for customers.

③ RS485 Connector

Using the standard Modbus communication protocol, customers can connect the unit via WiFi modules, DTU, or EMS integration, enabling intelligent heat pump management.

④ High-Efficiency Compressor

Offers higher heating efficiency compared with traditional heating methods such as boilers and electric water heaters.

Specification

Model		XA15	XA20	XA30
Heating Capacity	kW	3.5	4.38	7.5
Power Supply	V/Hz	220-240/50	220-240/50	220-240/50
Refrigerant	/	R290	R290	R290
COP* 20°C / 15°C	W/W	4.1	4.1	4.0
Hot Water Volume Rate	L / h	70	90	150
Operation Range	°C	-15~43	-15~43	-15~43
MAX. Water Outlet Temp.	°C	60	60	60
MAX. Water Operation Pressure	MPa	3.2	3.2	3.2
Net Weight	kg	63	67	70
Net Dimension	mm	985x418x608	985x418x608	985x418x608

*Testing condition is ambient temp. DB / WB 20°C / 15°C, water inlet / outlet is 15°C / 55°C.



Eco-Friendly Refrigerant R290

The airMono model is designed with the environment in mind, utilizing R290 refrigerant which has a low global warming potential and is non-toxic, making it an eco-conscious choice for sustainable heating.

Integrated Heating & Hot Water System

Experience the convenience of a ducted monoblock heat pump with the heat pump, which efficiently provides both heating and hot water from a single, integrated system, streamlining your home's energy use.

High Airflow Design for Minimal Heat Loss

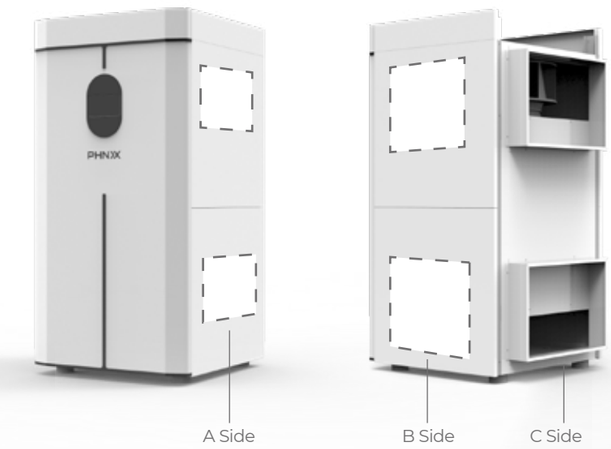
Engineered for efficiency, the heat pump boasts a high airflow design that minimizes heat loss during operation, ensuring that the energy used to heat your home is not wasted, resulting in lower utility bills.

Compact Size for Versatile Installation

The compact size is a game-changer for installation, allowing it to be easily fitted into various home environments without compromising on performance or space.

Tri-sided Airflow for Flexible Mounting

With a tri-sided airflow design, the heat pump offers unparalleled flexibility for installation, allowing for optimal heat distribution and customization according to the specific layout and architectural features of your home. Possibility of airflow configuration on three sides during installation.



Specification

Model		CA30B
Power Supply	V	230
Heating Performances Ambient Temp. (DB / WB): 7 / 6°C ; Water Temp. (In / Out): 30 / 35°C		
Nominal Capacity	kW	6.4
Max Heating Capacity	kW	9
Heating Power Input	kW	1.64
COP	/	3.90
Extra Electric Heater	kW	3
Type of Refrigerant	/	R290
Refrigerant Volume	kg	0.43
GWP	/	3
CO_2 Equivalent	ton	0.00129
Net Weight	kg	129
Gross Weight	kg	144
Type of Fan	/	DC motor
Air Flow at 150Pa	m³/h	1700
Compressor Type	/	DC Inverter
Minimum Flow Rate	m³/h	0.5
Nomal Flow Rate	m³/h	1
IP	/	IPX1
Product Dimension	mm	600×600×1200
Shipping Dimension	mm	720×640×1340
Pipe of Domestic Hot Water Dimensions	inch	1
Pipe of Heating Dimensions	inch	1
Heat Exchange	/	Plate To Plate
Head of Circulation Pump	m	9
Hot Water Setting Temperature	°C	75

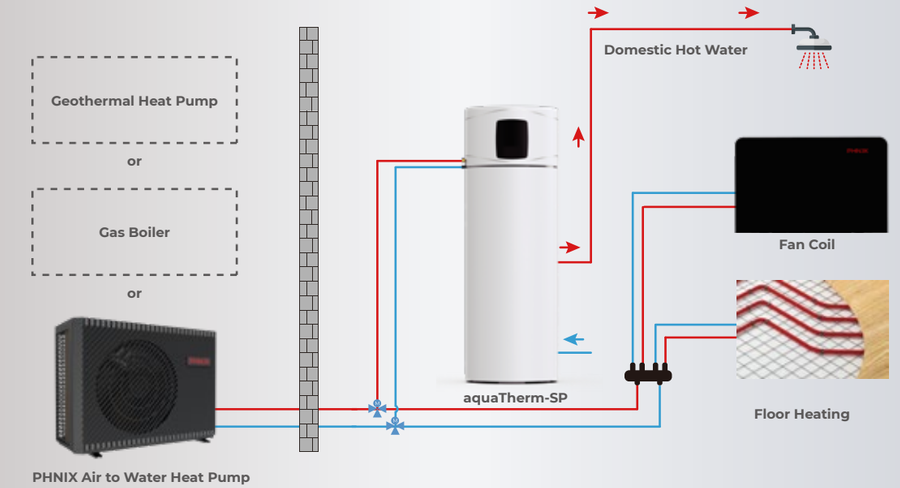


aquaTherm

HEAT PUMP WATER HEATER

Application

Using the extracted hot water from underfloor heating as heat source, aquaTherm Series can provide domestic hot water for the whole family, which is suitable for the family that has installed a house heating heat pump and needs domestic hot water.



A+

R290

CE

SG Ready



aquaTherm - SP

Specification

Model		SP06-200
Heating Capacity	kW	1.6
Volume	L	200
Heating Current Input	A	1.6
Rated Power Input	kW	2.2
Rated Current Input	A	9.3
Power Supply	V/Hz	230/50
Energy Efficiency Class	/	A+
COP (EN16147) 10°C / 7°C	W/W	3.206
Maximum Volume of Mixed Water at 40°C	/	246L
Heating Time from 15˚C to 55˚C (Ambient Installation 20˚C / 15˚C Air)	H	5.5
Refrigerant	/	R290 (150g)
Electric Heater	kW	1.5
Noise	dB(A)	48
WIFI	/	Optional
Operation Range	°C	-5 ~ 43
Suggested Water Temp.	°C	55
Max. Water Outlet Temp.	°C	70
Operation Pressure(High Side)	MPa	3.2
Operation Pressure(Low Side)	MPa	1.3
Water Connection	inch	3 / 4 inner screw
Water Source Connection	inch	1 / 2 inner screw
Net Weight	kg	96
Net Dimension(L/W/H)	mm	ϕ640×1562
Shipping Dimension(L/W/H)	mm	720×720×1760
Qty Per 20ft/40ft/40HQ	pcs	24 / 48 / 48



Plate Heat Exchanger

A compact design with sufficient transferrring areas to accommodate a wide range of water temperatures.

High Energy-efficiency

When the inlet water is 10°C, its COP can reach 3.206, consuming less energy and cutting back on energy costs automatically.

Noise Reduction

With sound pressure being kept to as low as 33 dB(A) at 1 meter, the water heater can run silently.

Balanced Water Flow

With caleffi autoflow the heat pump ensures consistent and balanced water flow in each room, ensuring ultimate comfort and stable operation.



airSplit

HEAT PUMP WATER HEATER

- **Removable Remote Controller**
- **Equipped with a DAFU Water Pump**
- **Supports Matching Different External Water Tanks**



airSplit - AC

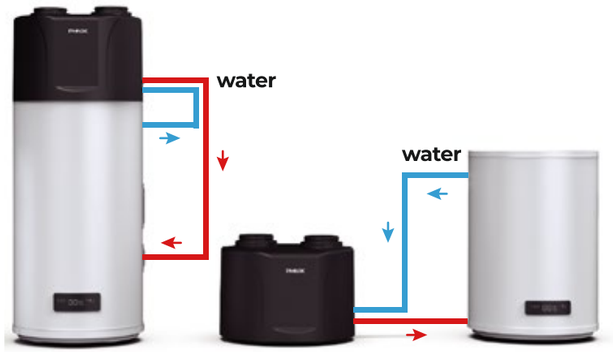
Specification

Model		AC15-K
Rated Heating Capacity	kW	3.0
Power Supply	V/Hz	230/50
COP (EN16147) 20°C / 15°C	W /W	2.8
Refrigerant	/	R410a
Noise	dB(A)	50
Operation Range	°C	-5~43
Water Outlet Temp. Range**	°C	38~55
Net Weight	kg	67
Net Dimension	mm	637×409×843

*Testing condition is ambient temp. DB / WB 20°C / 15°C, water inlet / outlet is 15°C / 55°C;
**Heat pump only;

airSplit

HEAT PUMP WATER HEATER



Can be A Top Kit

It can be matched with a tank by waterway as a top kit with strong suitability.

Wide Application

You can easily assemble PHNIX airSplit - KM heat pump with a suitable size water tank and make an energy-saving heat pump water heater.

High COP

When the dry bulb temperature is 20°C and the wet bulb temperature is 15°C, its COP can reach 3.74, maintaining high operation efficiency and saving more energy.

Better Shipping Cost

Due to the small size, the unit loading quantity will be much more than the all-in-one units, which greatly lowers the freight cost per unit.

Double Wall Plate Heat Exchanger

The water heater uses double wall plate heat exchanger, making it easy to detect fluid leakage of the unit and preventing the internal water tank from pollution, which provides users a relieved using experience.



airSplit - KM

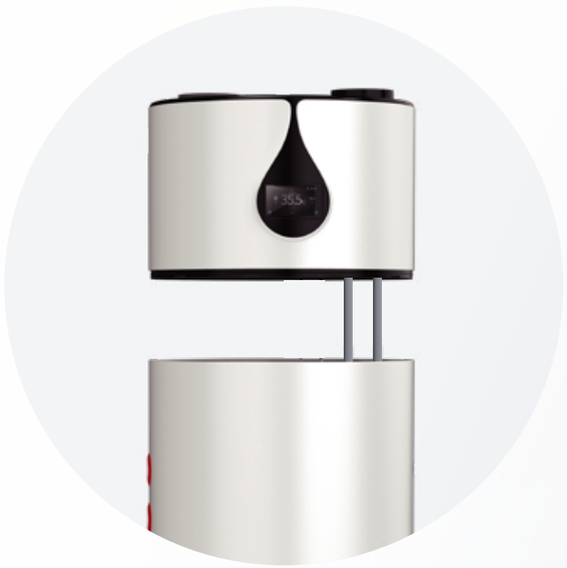
Specification

Model		KM10-580
Heating Current Input	A	2.8
Power Supply	V/Hz	230/50
Heating Time from 15˚C to 55˚C (Ambient Installation 20˚C / 15˚C Air) *	H	3.76
Refrigerant	/	R134a
WIFI	/	Optional
Operation Range	°C	-5 ~ 43
Suggested Water Temp.	°C	55
Max. Water Outlet Temp.	°C	60
Operation Pressure (High Side)	MPa	2.6
Operation Pressure (Low Side)	MPa	1.3
Water Source Connection	inch	3 / 4 inner screw
Net Weight	kg	36
Net Dimension	mm	ϕ590×428
Shipping Dimension (L / W / H)	mm	695×695×470
Qty Per 20GP / 40HQ	pcs	96 / 240

* Test with 200L water tank.

airTOP

HEAT PUMP WATER HEATER





airTop - KK



airTop - NI

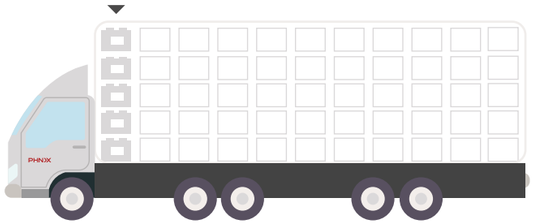


airTop - X



Better Shipping Costs

Due to the small size, the top-kits loading quantity will be much more than the all-in-one units. A 40HQ container can hold 240 units in total, which greatly lowers your freight per unit.



Diversified airTop



Diversified airTop can be matched with your local water tank. PHNIX offers the top-Kits with different appearances and a wide operating range from 0.9 kW to 6 kW. Meanwhile, It embodies the OEM business in PHNIX, So you can create your own heat pump water heater based on your own needs and preferences.