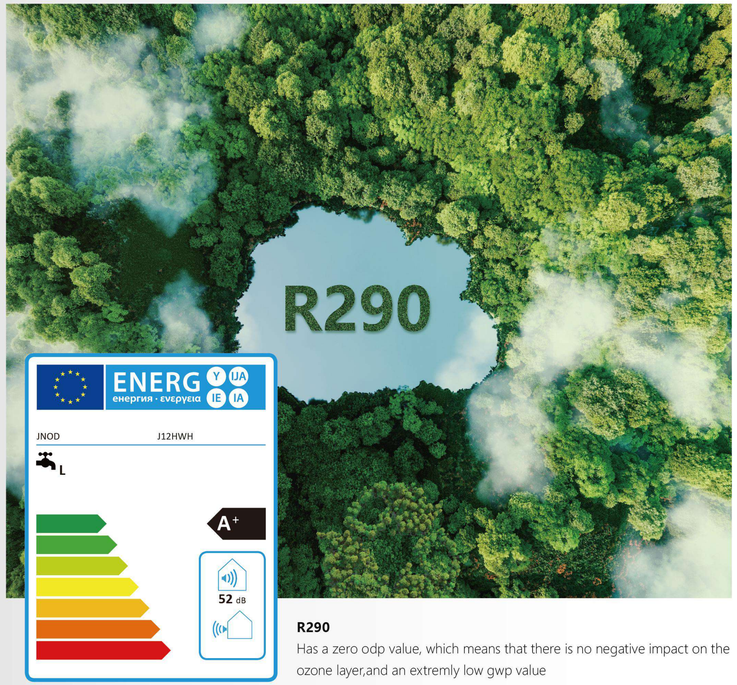
HIGH COP

The excellent energy-saving effect makes it stand out from the other water heaters.



R290

Has a zero odp value, which means that there is no negative impact on the ozone layer,and an extremly low gwp value

Model		J12HWH
Volume	L	65+180
Rated Heating Capacity	kw	2.25
Power Supply	V/P/HZ	220~240/1/50
COP(EN16147)7/6℃	w/W	3.88
Heating Power Input	kw	0.425
Refrigerant	/	R290
Electric Heater (Domestic hot water)	kW	3
Electric Heater (Buffer tank)	kw	8
Compressor	/	GMCC
Noise	dB(A)	52
Operation Range	°	-7~45
Max.Water Outlet Temp.	℃	70
Net Weight	kg	120
Net Dimension	mm	640X640X1910

WIFI CONTROL

Control your heat pump from anywhere via Iphone, android and the webwith app

LOW NOISE

Heat pumps operate with market-leading Super-low noiselevels

DUPLEX STEEL 2101 WATER TANK

Inner tank available with surgical steel

HIGH TEMPERATURE

Our heat pump can heat your home quickly

RS485 MODBUS

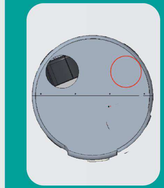
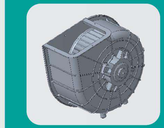
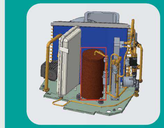
Our heat pump exposes an RS485 interface for communication with extensions.

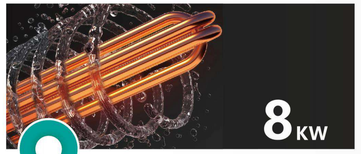
HEATING EXCHANGER COIL

Combined two types heat exchanger to enhance the performance of heat pump water heater.

CONVENIENT MAINTENANCE

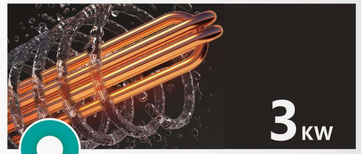
Repairs can be carried out by simply opening the front part of the main engine casing

	UPGRADED TYPE		OLD TYPE
CONVENIENT AFTER-SALES SERVICE		The air inlet and outlet are both at the rear part. There is no need to remove the air duct during after-sales maintenance. Just open the front part of the host shell for maintenance.	The air inlet is in the front part and the air outlet is in the back part. During after-sales maintenance, you need to remove the air duct first, and then open the front part of the host shell for maintenance.
REDUCE POWER CONSUMPTION		Power (24w)	Power input 48w
REDUCE NOISE		New volute dc motor	Smaller air flow motor
REDUCE NOISE		New compressor Silencer cotton	None
IMPROVED ANTI-CORROSION PERFORMANCE		Duplex steel 2101	Stainless steel 316
IMPROVED ANTI-CORROSION PERFORMANCE		Material: stainless steel 840 Installation method: screw thread	Material: stainless steel 316 + enamel Installation method: flange



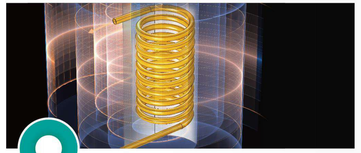
8kw electric heater

The electric back-up heater takes over the heat supply for heating from a defined outdoor temperature with the heat pump together.



3kw electric heater

The electric back-up heater takes over the heat supply for dhw from a defined outdoor temperature with the heat pump together.



Heating exchanger coil

Equip with plate heat exchanger on the top side and stainless steel heating exchanger coil inside the dhw tank together for domestic hot water to enhance the performance of heat pump

GMCC compressor

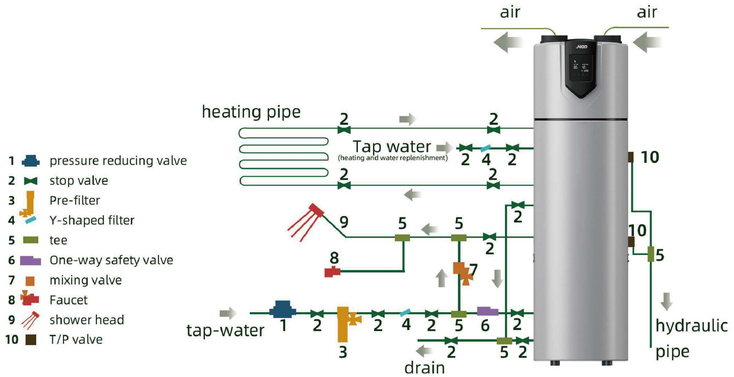
It is suitable for heat pump with High energy efficiency.

65l buffer tank

Buffer tank is designed to help reduce Cycling of a heat pump.

180l domestic water tank

The residential heat pump uses outdoor air to heat your hot water supply. This particular heat pump provides domestic hot water and central heating.



ELECTRIC COMBI BOILER

75%

Energy Saving
COP ≥ 4.0

Low energy consumption

24 hours hot water supply

No danger of electric leakage or air leakage;

GAS COMBI BOILER

Exhaust gas emissions

Short service life

Water temperature and water pressure fluctuate easily

ELECTRIC COMBI BOILER

High demand for water

Slower water rate