



R290 All In One Heating & Hot Water Heat Pump Water Heater

R290

R290 has a zero ODP value, which means that there is no negative impact on the ozone layer, and an extremely low GWP value

ALL IN ONE

Due to the combination of buffer tank and domestic water tank, simple installation and space saving are achieved; the heat pump is also quiet in operation.

HIGH COP

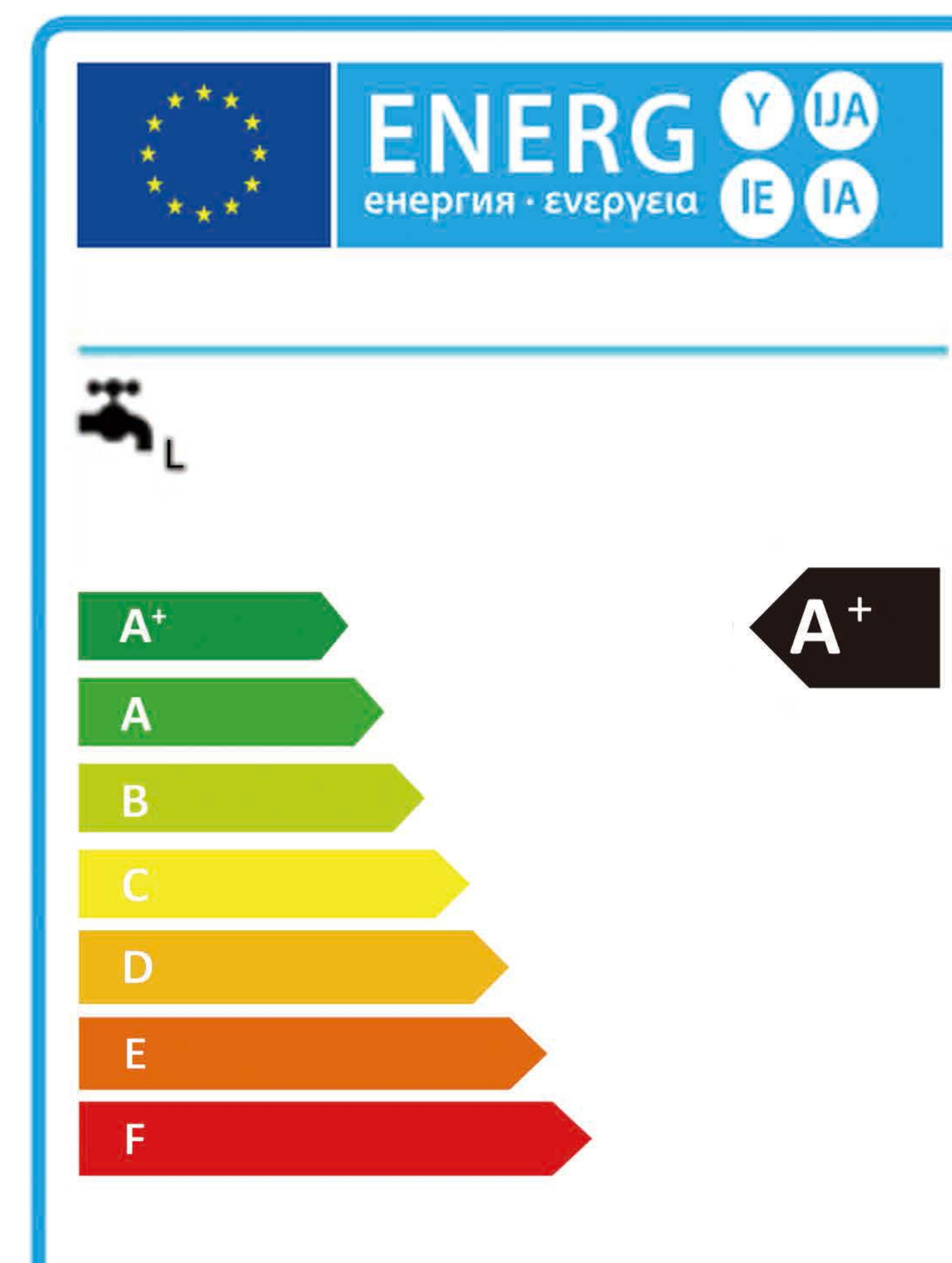
The excellent energy-saving effect makes it stand out from the other water heaters.



TECHNICAL PARAMETER

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°C	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)	56
Operation Range	°C	-7~45
Max. Water Outlet Temp.	°C	70
Net Weight	kg	132
Net Dimension	mm	640 X 640 X 1980

ERP LABEL



PRODUCT ADVANTAGE



WIFI CONTROL

Control your Heat Pump from anywhere via iPhone, Android and the Web with APP



LOW NOISE

Heat Pumps operate with market-leading super-low noise levels



SS316 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.



MICRO-CHANNEL

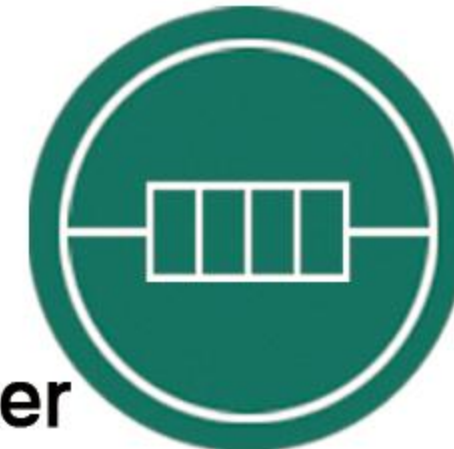
Micro-channel heat coil can enhance the performance of heat pump water heater.

PRODUCT STRUCTURE



Intelligent Control

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



3KW Electric Heater

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



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.



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.



8KW Electric Heater

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

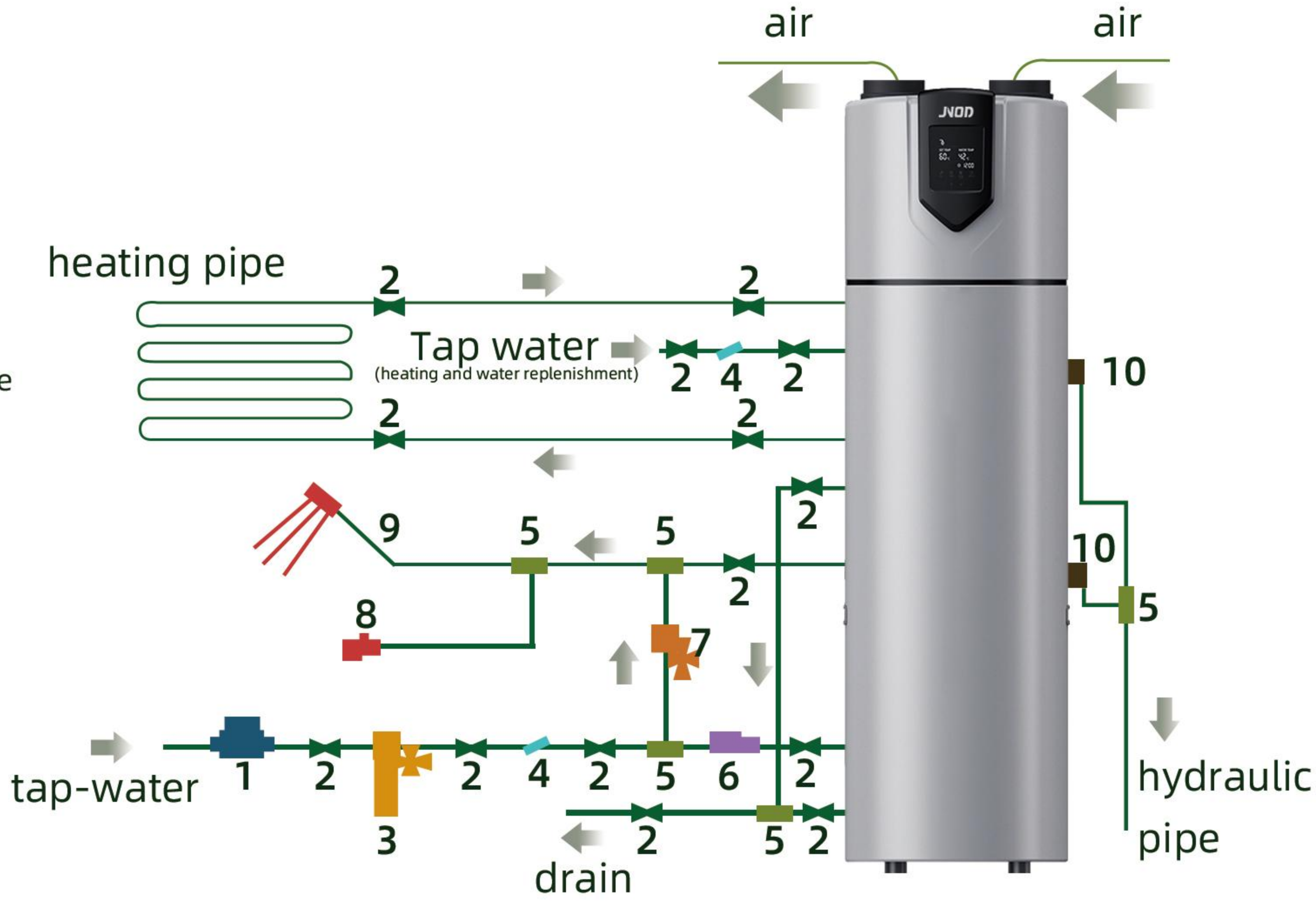


180L Domestic Water Tank

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

INSTALLATION INSTRUCTIONS

- 1 pressure reducing valve
- 2 stop valve
- 3 Pre-filter
- 4 Y-shaped filter
- 5 tee
- 6 One-way safety valve
- 7 mixing valve
- 8 Faucet
- 9 shower head
- 10 T/P valve



ENERGY COST COMPARISON

