



R290

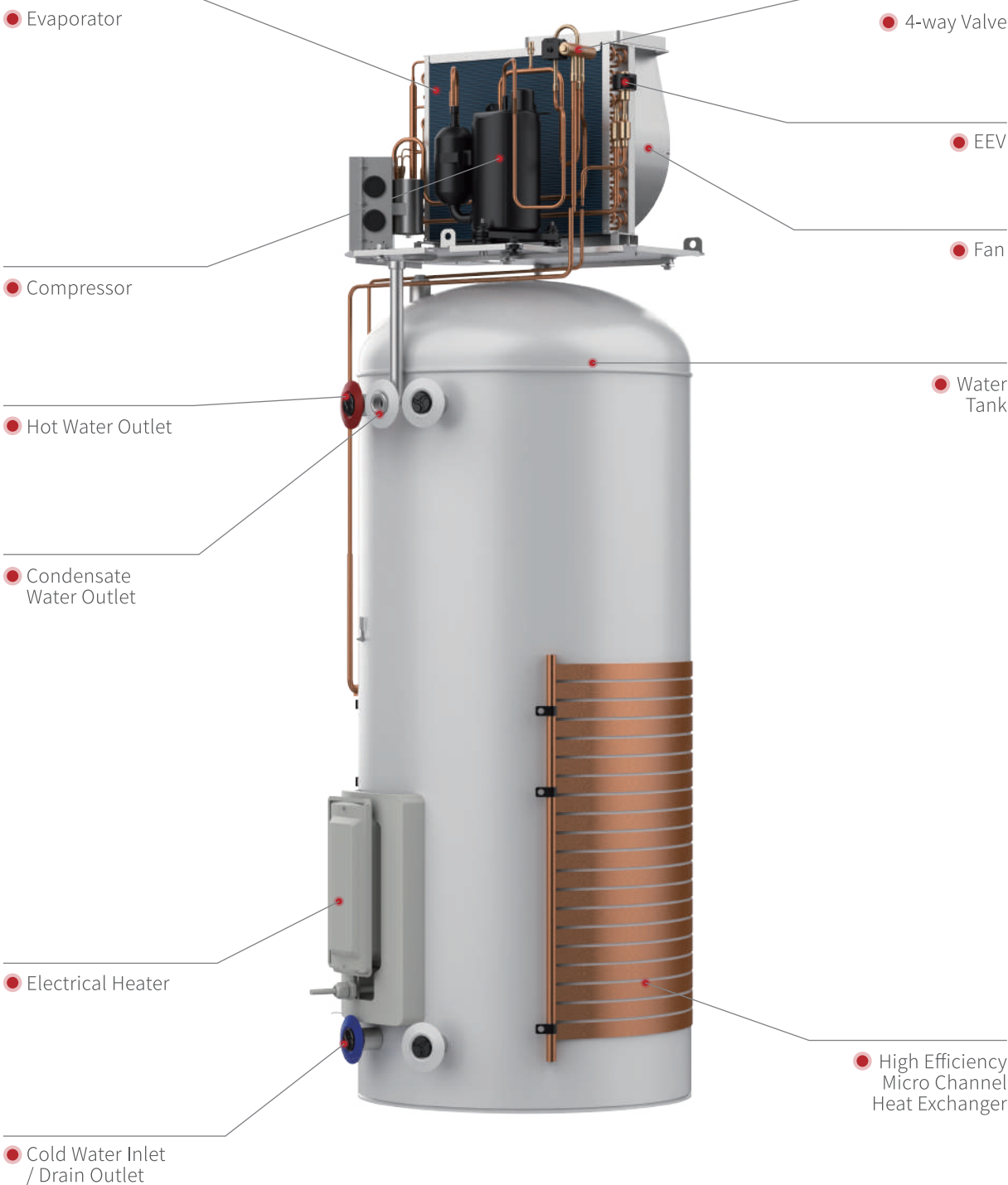


CE **A+**  
**HOT SPRING  
SERIES**

*Residential All-in-one  
Heat Pump Water Heater*

Our water heater uses the eco-friendly R290 refrigerant with a remarkably low Global Warming Potential (GWP) of 3, ensuring substantial energy savings and minimal environmental impact.

ALL -IN-ONE TYPE HEAT PUMP PRODUCTION INTRODUCTION



LED  
Digital Display



High-efficient  
Compressor



High  
Temperature



Anti-corrosion  
Water Tank

Europe version (R290)







Model: NE-F	15HWR5-200E-U	15HWR5-250E-U	15HWR5-300E-U
*Test Condition: Ambient Temperature: (DB/WB) 20°C/15°C; Water Temperature from 15°C to 55°C			
Product Type	on/off		
Water Tank Volume	200L	250L	300L
Water Tank Type	Enamel		
Color	Silver		
Energy Label	A+		
Top Casing	Plastic		
Power Supply	220V/50Hz		
Heating Capacity	1500W		
Heat pump Rated Power	385W		
Consumen Power	0.375 kW		
COP	4.0		
Hot Water Volume	35L/h		
Rate Max. Water Temperature	75°C		
Max. Input Power	3100W		
Rated Power of Electric Heating Tube	2500W		
Rated Water Pressure	0.8MPa		
Maximum working pressure for suction/exhaust	1.0/3.0MPa		
Permissible working pressure on low/high pressure side	1.0/3.0MPa		
Sound Pressureat level at 1 m	40dB(A)		
Net Weight	95kg	110kg	129kg
Refrigerant	R290/150g		
Operation temperature	-7~45°C		
Max. Running Pressure of Heat Exchanger	3.0MPa		
Product Dimension	Φ650×1440mm	Φ650×1650mm	Φ650×1850mm
Package Dimension	705×705×1555mm	705×705×1765mm	705×705×1965mm
Overall dimensions (including pallets)	710×710×1685mm	710×710×1895mm	710×710×2095mm

Notice:  
The above data is for reference only. The specific data is subject to actual product.



# CONTROL AND FUNCTIONS

User-friendly controller with LED display provides you a diverse range of operation modes and settings to ensure less energy consumption.

-  MODE
-  TIMER/CLOCK Setting
-  ON/OFF
-  Temperature Setting
-  Data Query
-  Manual Defrost



# VERTICAL AIRFLOW DESIGN

The vertical airflow design ensures enough space for heat exchange between external and the interior environment, which makes it easy for installation. The air inlet and outlet ducts are 158mm wide, which allows for large air inlet/outlet volume, improving heating efficiency.

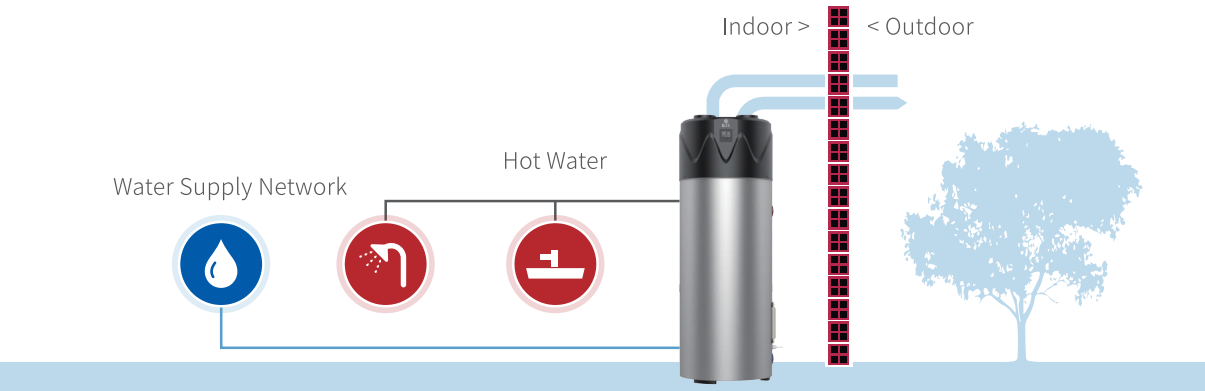
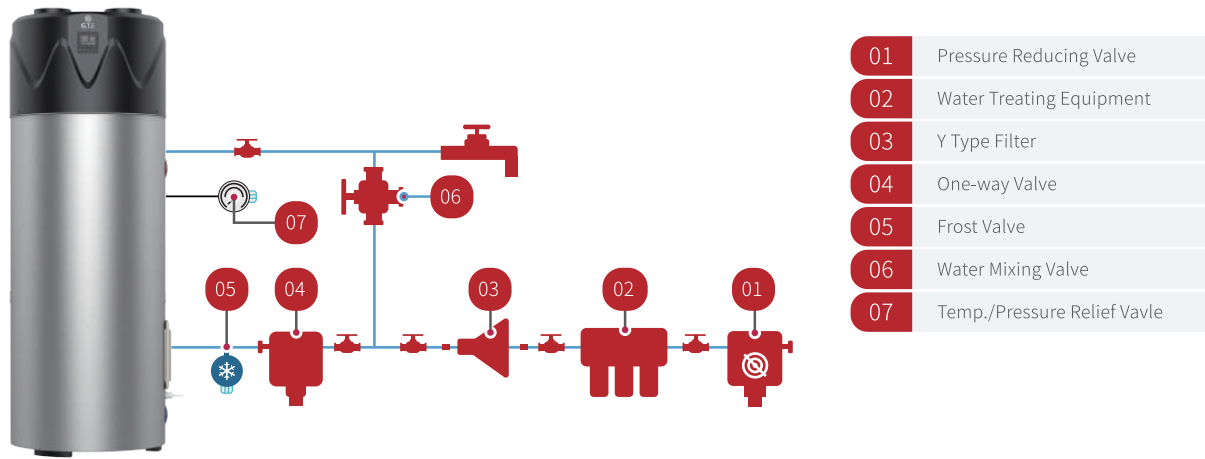


# ENAMEL WATER TANK

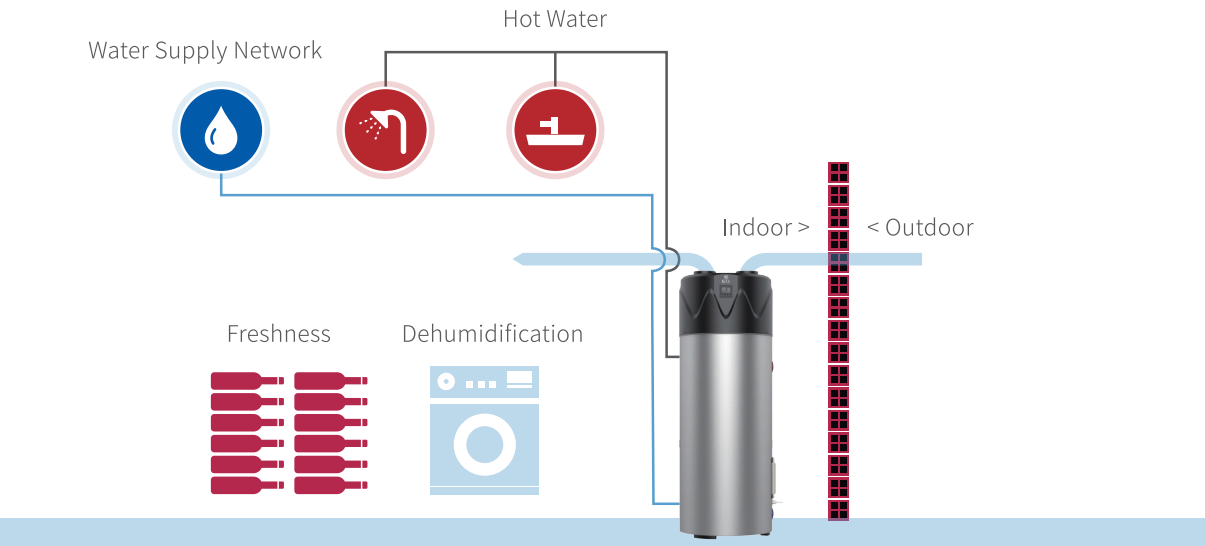
The enamel water tank has been tested by 280,000 times of pulse pressure, and it boasts the characteristics of no leakage, scaling, corrosion resistance, fatigue resistance to ensure that the water quality is clean and healthy.



# INSTALLATION SKETCH MAP



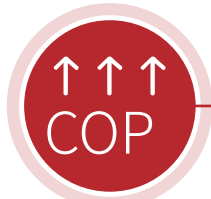
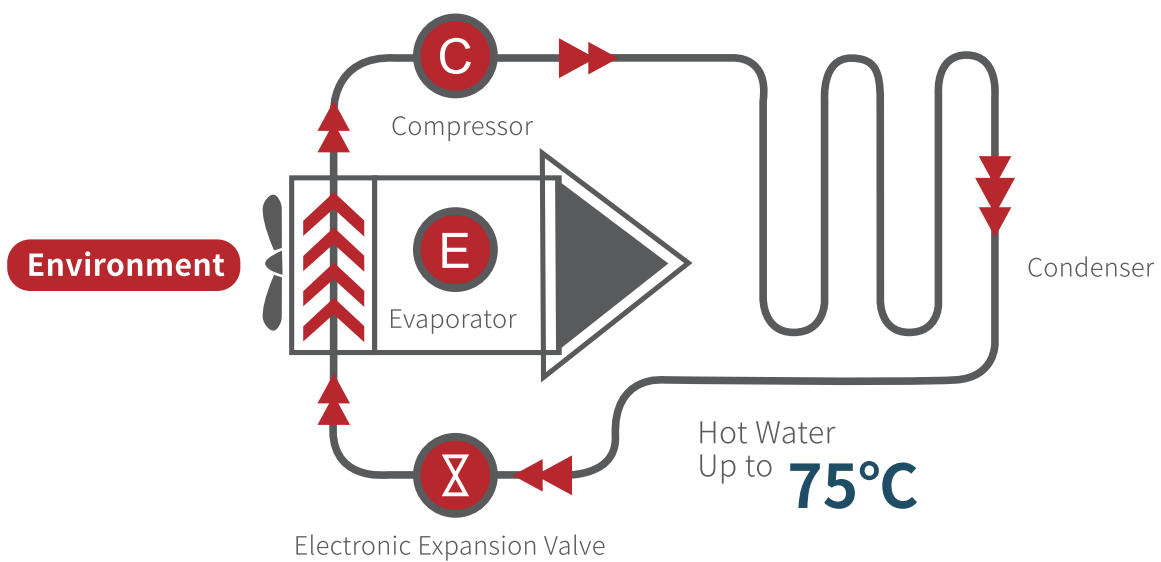
Standard Installation



Installation with dehumidification and refreshing the space

# ADVANTAGES OF

## HEAT PUMP WATER HEATER



UP TO **75%**  
OF ENERGY  
SAVINGS

- High-technology rotational compressor allows higher energy efficiency and a higher coefficient of performance, which means major energy savings up to 75 percent.



**MICRO CHANNEL EXCHANGER**

- Wrapped around the outer side of the tank, it prevents the build-up of limescale, extends the useful life of the equipment, and improves safety.



## ALL-IN-ONE TYPE HEAT PUMP PRODUCTION INTRODUCTION

- Available with water tank volumes of 200L, 250L and 300L.
- Attractive design with LED digital display with touch button.
- With a noise level as low as 40dB(A) at 1m.
- Control system with a diverse range of operation modes and parameter settings.
- Enamel water tank is corrosion-resistant, easy to clean, and has a longer service life than ordinary water tanks.
- Built-in electronic expansion valve allows for intelligent control the refrigerant flow, precise temperature control and energy saving.
- Adopt larger heat exchanger and high efficient compressor designed for heat pump.
- Unique diagnostic controls for optimized performance in all climate conditions.
- Integrated design allows for quick replacement of defected parts.
- High density inner foam layer to deliver best heat insulation.

