

OUTES

All In One
Heat Pump Water Heater

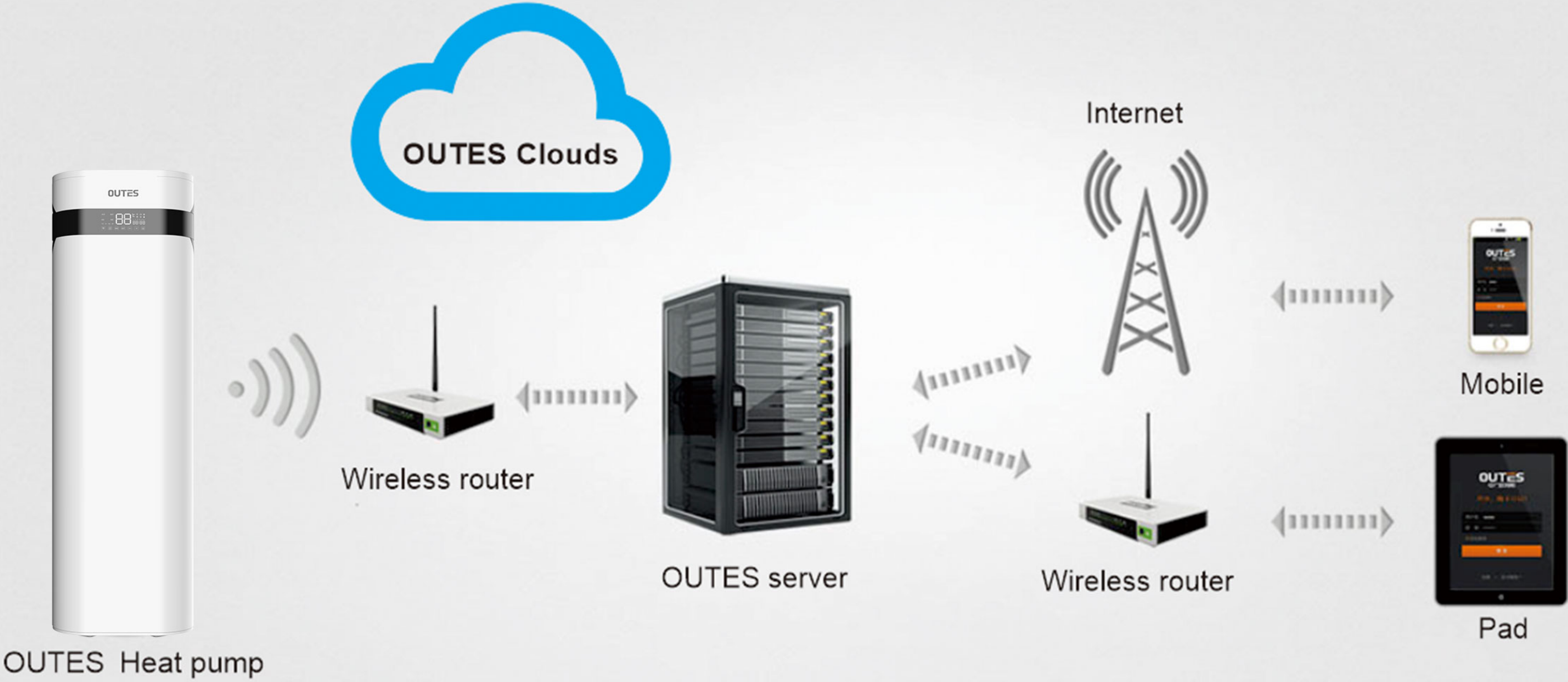


OUTES



CLOUDS
OUTES clouds shall record your water consumption habits, adjust water temperature intelligently. Outes air source heat pump is not only a water heater, but also a hot water buffer.

How It Works



Safety Protection



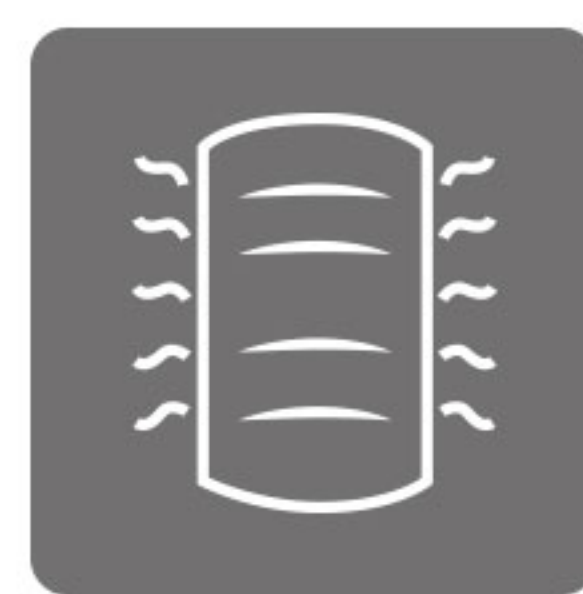
Ground Protection



Earth Leakage Protection



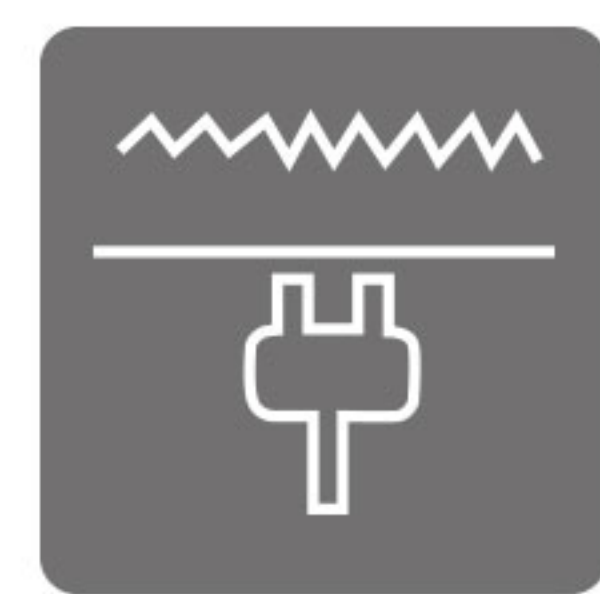
High Pressure Protection



Corrosion Protection



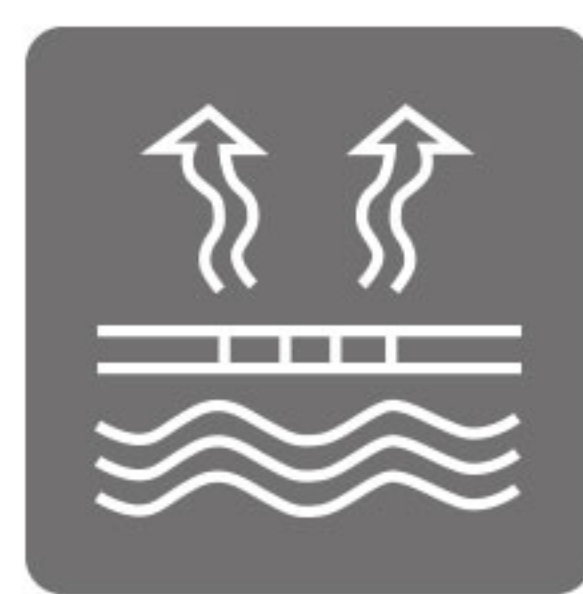
High Temp. Protection



Current Protection



Overload Protection



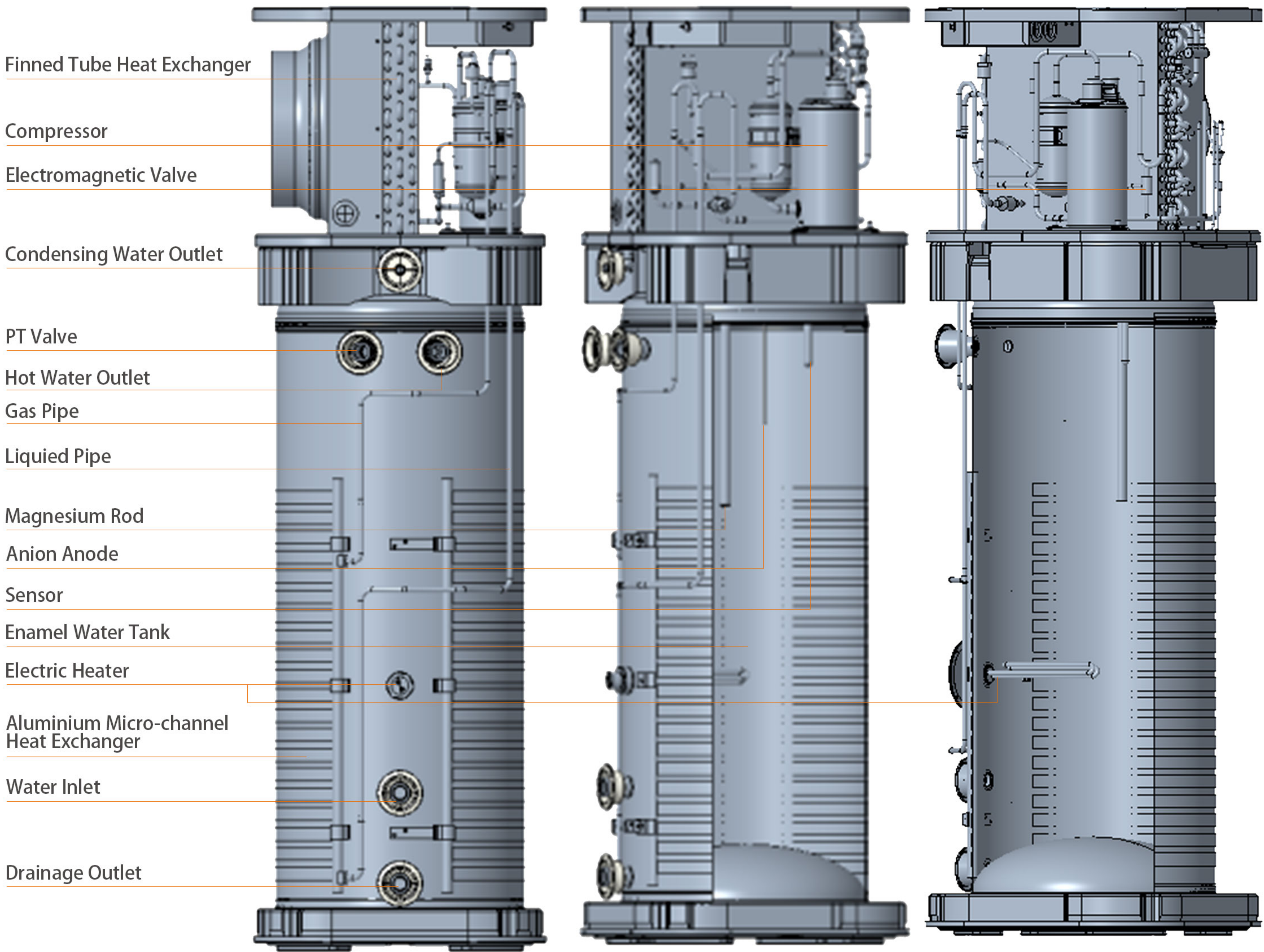
Exhaust Protection



Auto Pressure Relief Protection



Frost Protection



Features



DC Motor



High Efficiency Design



Sideward Air Outlet



Low Noises Design

Modes: AUTO/ECO/FAST/MULT

R134a

Sideward Air Outlet

Built-in Magnesium Rod & Anion Anode for anti-corrosion

Enamel water tank with external aluminium micro-channel coil

50mm foaming insulation material

Electronic Expansion Valve for high efficiency

2KW Auxiliary Electric Heater back up for cold winter

Built-in Internal Solar water coil or boiler water coil are optional for Muti-thermal connection

Intelligent Fault Testing

Intelligent Defrosting

Auto Weekly Disinfection

Weekly Timer

Vacation Function

Auto-Restart

Child Lock

High/Low Pressure Protection

WIFI

Model		AAc17R1/120E	AAc17R1/160E	AAc17R1/180E
Water Tank Volume	L	120	160	180
Applicable Persons	/	2	3	4
Hot Water Yield	L/h	37	37	37
Power Supply	V/Ph/Hz	220~240V/1/50Hz	220~240V/1/50Hz	220~240V/1/50Hz
Water Outlet Temp. (Default/Max.)	°C	55 (Heat Pump) Max.75 (HP+E-heater)		
Running Ambient Temp.	°C	-25°C~46°C (Heat Pump+Electric Heater), -7°C~46°C (Heat Pump)		
Heating Capacity (Heat Pump)	W	1700	1700	1700
Heating Input Power (Heat Pump)	W	410	410	410
Heating Input Current	A	1.85	1.85	1.85
Back Up Tubular Electric Heater	kW	2	2	2
Rated Input Power(HP+E-Heater)	W	2750	2750	2750
Rated Input Current(HP+E-Heater)	A	12.5	12.5	12.5
Noise	dB(A)	≤48	≤48	≤48
Compressor	/	Panasonic/Rotary	Panasonic/Rotary	Panasonic/Rotary
Fan Motor	/	DC Motor	DC Motor	DC Motor
Fan Motor Power	W	40	40	40
Fan Motor Fan Speed	RPM	830	830	830
Air Side Heat Exchanger	/	Finned Tube	Finned Tube	Finned Tube
Water Side Heat Exchanger	/	Aluminium Micro-Channel	Aluminium Micro-Channel	Aluminium Micro-Channel
Electric Shock Proof Grade	/	Class I	Class I	Class I
Waterproof Protection Grade	/	IPX4	IPX4	IPX4
Water Tank Working Pressure	MPa	1.0	1.0	1.0
Water Tank Max.Pressure	MPa	1.20	1.20	1.20
Water Tank Inner Diameter	mm	Ø438	Ø438	Ø438
Water Tank Height	mm	900	1150	1265
Net Weight/Gross Weight	Kg	74/84	97/107	102/112
Net Dimension (DxH)	mm	520x520x1421	520x520x1670	520x520x1786
Packing Dimension(DxWxH)	mm	626x626x1510	626x626x1705	626x626x1850
Water Connection Size (Inner Thread)	mm	3/4"	3/4"	3/4"
Throttling Type	/	Electric Expansion Valve	Electric Expansion Valve	Electric Expansion Valve
Refrigerant	/	R134A/780g	R134A/780g	R134A/780g
Container Loading (20'/40')	Unit	40/80	40/80	40/80

Remark:

1、Test conditions:Base on EN16147:2017. Ambient Temp.(DB/WB):20°C/15°C, Water Temp.(In/Out):15°C/55°C;

2、The above data may be changed without prior notice for product improvement.

Model



Hot Water