

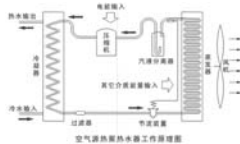
KR18200W-A



Introduction

1. Our China water heat pumps are one of the most advanced and high efficient equipments. Its working principle is extracting heat from air by the condenser and do heat exchange with water heat exchanger.
2. Our air heat pump machines are mainly used as showering and washing for institutions and service industries.
3. This product is mainly composed of compressor, system pipeline, orifice union, Four way valve assembly, heat exchanger (steamer), heat exchanger and shell.

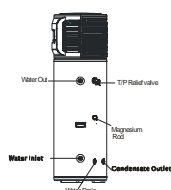
Working principles



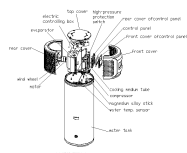
Advantages

1. High efficiency and energy saving: our China water heat pumps cost less electricity and extract large amount of heat, so it has high heat efficient and low cost. Compared with traditional one, it can save 70% energy.
2. Environmentally friendly: it uses natural energy. There is no gas pollution, no smoke and dust emission and zero pollution for environment.
3. Reliability and safety: it can realize the insulation of water and electricity. There is no potential dangers like easily flammable, explosive, easily get electrical shock and easily poisonous.
4. The China water heat pump auxiliary function can make hot water in 15°C~43°C high efficiently without the infection of cloud, rain, snow and night.
5. Intelligent control. Micro computer control, easy operation and memory for cutting the electricity. The auxiliary function of electrical heating can prevent heating without water and over high water temperature.
6. Longevity and durability: the famous brand compressor has reliable performance and long life time.
7. Water heat pump has been approved of CE.

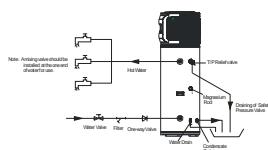
Product indicator diagram



Assembly drawing



Guideline for setting

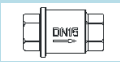




Specifications

Model Number of water heat pump			KP18/200W-A
Rate Voltage/Frequency			230V-50HZ
Heat Pump Rated Heat Output			1800W
Maximum Electric Current Input			2.53A
Rate Electric Current			2.53A
Rate Wattage			557W
Ambient Temperature			5-43℃
Net Weight			64.5kg
Noise			47dB(A)
Refrigerants			R134a/650g
Capacity Of Water Tank			200L
Diameter Of Inlet And Outlet Water Pipe			DN20
Water-Proof Class			IP×4
Electric Shock Preventing Style			Class
Permissible Excessive Operating Pressure	Suction/Discharge Side		0.8/2.4Mpa
	Heat Exchanger		2.4Mpa
	Water Tank		0.7Mpa
External Dimensions			510×510×1670(mm)

Note: Testing conditions are that the ambient dry bulb temperature is 20℃, wet bulb temperature 15℃, inlet water temperature 15℃, and outlet water temperature 55℃

Spare parts specifications

Name	Quantity	Shape	Description
Check Valve	1		used when fitting in the water lines
Y-shaped Filter	1		used when fitting in the water lines
T&P Relief Valve	1		used when mounting the water heater