

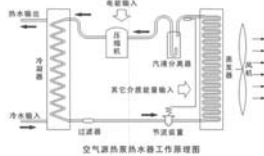
KR18/150DW-A



Introduction

1. Our 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.

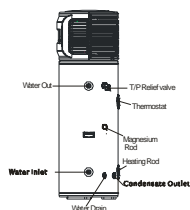
Working principles:



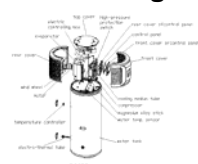
Advantages

1. High efficiency and energy saving: our water heat pumps cost less electricity and extract large amount of heat, so it has high heat efficient and low cost. Compared with traditional air heat pump, 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 air 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.

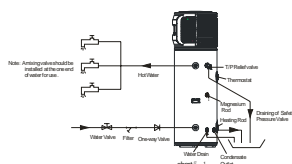
Production indicator diagram



Assembling drawing



Guideline:

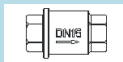

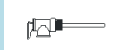


Parameters

Model Number		KP18/150DW-A
Rate Voltage/Frequency		230V-50HZ
Heat Pump Rated Heat Output		1800W
Maximum Electric Current Input		9.8A
Maximum Wattage Input		2000W
Heat Pump	Rate Electric Current	2.53A
	Rate Wattage	557W
	Ambient Temperature	5～43℃
Electric Heating	Rate Electric Current	9.8A
	Rate Wattage	2000W
	Ambient Temperature	- 15～43℃
Net Weight		64.5kg
Noise		47dB(A)
Refrigerants		R134a/650g
Capacity of Water Tank		150L
Diameter of inlet and Outlet water pipe		DN20
Water-proof Class		IPX4
Electric Shock Preventing Style		Class 1
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)
CE		
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℃		

Parameters of spare parts

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