

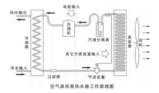
KR18200DW-A1



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 $15 \,^{\circ}\text{C} \sim 43 \,^{\circ}\text{C}$ 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.

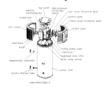


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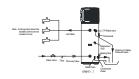
Product indicator diagram



Assembly drawing



Guideline



Parameters

raidilleters					
Model Number	KP18/200DW-A				
Rate Voltage/Frequency	230V-50HZ				
Heat Pump Rated Heat Outp	1800W				
Maximum Electric Current I	9.8A				
Maximum Wattage Input	2000W				
Heat Pump	Rate Electric Current	2.53A			
	Rate Wattage	557W			
	Ambient Temperature	5~43℃			
	Rate Electric Current	9.8A			
Electric Heating	Rate Wattage	2000W			
	Ambient Temperature	- 15∼30°C			
Net Weight	64.5kg				
Noise	47dB(A)				
Refrigerants	R134a/650g				
Capacity of Water Tank	200L				
Diameter of inlet and Outlet	DN20				
Water-proof Class	IPX4				
Electric Shock Preventing S	Class 1				
permissible excessive	suction/discharge side	0.8/2.4Mpa			
operating pressure	heat exchanger	2.4Mpa			



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	water tank	0.7Mpa		
External Dimensions		620×620×1650(mm)		
CE				
Note: Testing conditions are that the ambient dry bulb temperature is 20°C wet bulb				

Note: Testing conditions are that the ambient dry bulb temperature is 20°C , wet bulb temperature 15°C . Inlet water temperature 15°C and outlet water temperature 55°C

Parameters of spare parts

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

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