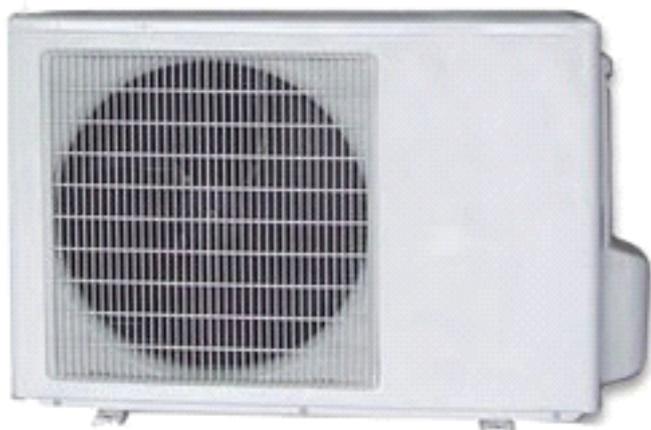


## Domestic Heat Pump Water Heater

Air Source Heat Pump » [Domestic Heat Pump Water Heater](#)



### Features of Domestic Heat Pump Water Heater

1. The domestic heat pump water heater features compact design with 100/150/200/320L water tank available for option.
2. The outer tank case can be SUS304# or coated steel.
3. The equipment presents automatic defrosting function.
4. The domestic heat pump water heater has hydrophilic-coated copper-tube as heat exchanger.
5. The heat pump water heater is convenient for operation, as its remote wire LED screen digital controller is installed indoors
6. Other heat exchanging coils can be installed inside the tank for a third heat source such as solar system and boilers which are also available.

### Specifications of Domestic Heat Pump Water Heater

Model		KF80-A/100F	KF80-A/150F	KF120-A/100F	KF120-A/200F	KF120-A/320F
Power	HP	1	1	1.5	1.5	1.5
Heating capacity	kW	3.71	3.71	5.58	5.58	5.58
	BTU/h	12659	12659	19039	19039	19039
COP		4.12	4.12	4.46	4.46	4.46
Water tank capacity	L	100	150	100	200	320
Rated heated water output	L/h	80	80	120	120	120
Rated outlet water temp.	°C	55				
Max outlet water temp	°C	60				
Rated power input	kW	0.9	0.9	1.25	1.25	1.25
Rated current	A	3.73	3.73	5.89	5.89	5.89

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Power supply	V/PH/Hz	220V ~ /50Hz				
Compressor	Type	Rotary				
	Number	1				
Heat exchanger type		Copper coil pipe				
Throttling device		Capillary				
Fan	Type	Low noise high efficiency axial type				
	Discharging	Horizontal				
	Quantity	1				
	Power input/W	20	20	20	20	20
	Speed/RPM	830	830	830	830	830
Ambient temperature	°C	(-10°C ~ 43°C )				
Refrigerant		R22/R417A				
Noise in 1 meter distance	dB	≤ 54dB(A)				
Water pipe size		Rc3/4				
Cabinet		Steel with powder coated				
Low pressure protection system		Yes				
High pressure protection system		Yes				
Water flow switch		No				
Automaticall y defrost system		Yes				
Product dimension	mm	850×260×540	850×260×540	850×260×540	850×260×540	850×260×540
Package dimension	mm	930×370×620	930×370×620	930×370×620	930×370×620	930×370×620
Product dimension (wa ter tank)	mm	∅ 470*1121	∅ 470*1592	∅ 470*1121	∅ 555*1333	∅ 555*1839

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Package dimension (water tank)	mm	520*520*1170	520*520*1580	520*520*1170	640*620*1390	620*640*1890
Net weigh	kg	31	31	33	33	33
Gross weight	kg	34	34	38	38	38
Net weight (water tank)	kg	28	34	28	48	58
Gross weight (water tank)	kg	48	60	48	72	86
Testing condition: Ambient temp. (DB/WB) = 20°C / 15 °C , Inlet/outlet water temp. = 15°C /55°C						

Domestic heat pump water heater with coil pipe in water tank is designed in order to provide sanitary hot water for family usage. It can be used in villas and apartments as well. The water can be heated up to 55DecC, with efficiency saving of 75% higher than traditional electric water heater. The heat pump and water tank are connected by the refrigerant pipe. Often the heat pump main unit is installed in outdoor, adopting a compact design, with traditional air conditioner appearance. It is very easy to locate and install. The water tank can be installed indoor and outdoor application optionally. The water tank capacity ranges from 100L to 320L, meeting demands of different families.

We are a manufacturer of domestic heat pump water heater in China. In addition, we offer household heat pump water heater, commercial air source heat pump, solar water heater, solar collector and more.

**Company Brief:** Heat Pump Supply is an experienced air source heat pump manufacturer, located in China. Our primary products include domestic heat pump water heater, commercial air source heat pump, solar water heater and solar collector. They are widely used for heating water in families, offices, apartments, schools, swimming pools, and sauna rooms. Their safety, efficiency, environmental friendliness, easy operation, and long service life has made them highly sought after by customers from as far and wide as the United States, England, France, Italy, Poland, Australia, and more.

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