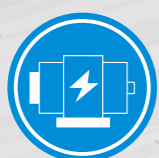




ALL-IN-ONE WATER HEATERS

hot water heat pump



2KW~3KW



Ambient Temps
-7°C ~ 43°C



Tank capacity
150L ~ 300L



Outlet water
9°C ~ 60°C

ALL-IN-ONE WATER HEATERS

All-in-one water heat pump is one of the most economical systems to heat the water for family usage-offering hot water in the bathroom and kitchen by using free renewable energy from the air. Its efficiency can be up to 3-4times more than a conventional gas boiler or electrical heater.

WASTE HEAT RECYCLING

The standard heat exchanger of the hot-water heat pump enables direct connection to a second heat generator, e.g. a solar heating system or a boiler.

AIR DEHUMIDIFICATION

Dehumidified air in the laundry room supports laundry drying and prevents moisture-induced damage.

CIRCULATING COOLING

The room air is extracted from the storage room or a wine cellar, subsequently cooled and dehumidified in the heat pump, and finally re-introduced into the room. Recreation rooms, boiler rooms, or utility rooms are ideal installation sites.

VARIABLE CHANGE OVER OF INTAKE AIR

A duct system with integrated bypass flaps allows for variable utilization of the heat contained in the outside air or room air for the production of hot water.



Schematic Diagram

- ① All in one heat pump
- ② Domestic water
- ③ Shower water
- ④ Washing water
- ⑤ Cold water inlet
- ⑥ Hot water outlet
- ⑦ Air outlet
- ⑧ Air inlet



Model	PW010-KZJRS (A)		PF010-KZJRS (C)	
PF010-KZJRS (C)	2KW / 3KW		3KW	
Rated hot water(L/h)	43 / 65		65	
Rated input power(KW)	0.5KW / 0.88KW		0	0
COP	4 / 3.4		3.3	
Rated temperature outlet(°C)	55		55	
Maxt temperature outlet(°C)	60		60	
Power supply	220V/1ph/50hz			
Compressor quantity(pc)	1		1	
Compressor type	Hitachi Rotary		Panasonic Rotary	
Refrigerant	R134 A / R410A		R417A	
Noise (dB(A))	48 / 55		48	
Tank volume(L)	200L / 250L / 300L		150L	200L
Case material	Galvanized steel		Unitary plastic mold	
Working area (°C)	-7~43°C			
Water connections(Inch)	G3/4"			
Diameter(mm)	Φ570	Φ640	Φ510	Φ570
Height(mm)	1758	1858	1660	1720
Net weight(kg)	75	95	62	75
Gross weight(kg)	88	112	72	85
Container loading qty	27/54/54	24/48/48	40/80/80	27/54/54
Measuring conditions	Dry bulb 20°C Wet bulb 15°C, Inlet water 15°C Outlet water 55°C			