

Experience The Future Of Home Comfort With ZeroB **Smart Heat Pumps**



Efficient Sanitary Water Heating & Cooling for Home Comfort.



Residential Hot Water Heat Pump



Eco Refrigerant

75%

75% Energy Saving



Heating



Cooling



Wi-Fi

55°C

55 °C Hot Water



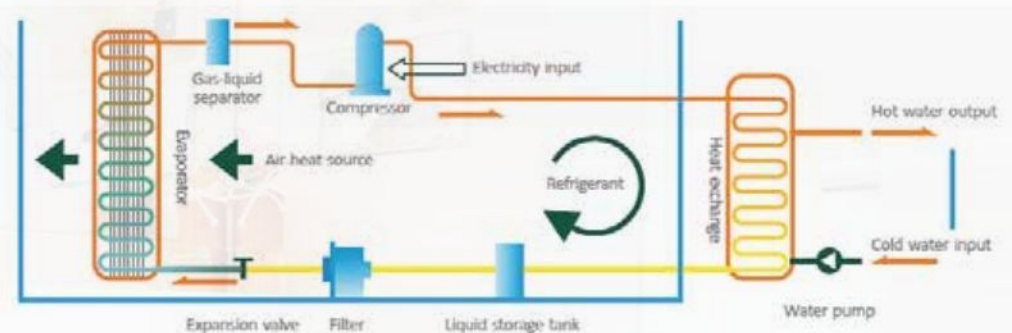
Intelligent Defrost



24Hr Hot Water Service

INTRODUCTION

This is an air-to-water heat pump, one of the most advanced and energy-efficient heating devices in the world. Operating on the principle of the Reverse Carnot Cycle, it utilizes a small amount of electricity to drive the compressor, absorbing up to four times the free heat energy from the air and releasing it into the water for heat exchange, providing efficient sanitary hot or cold water for the residence.



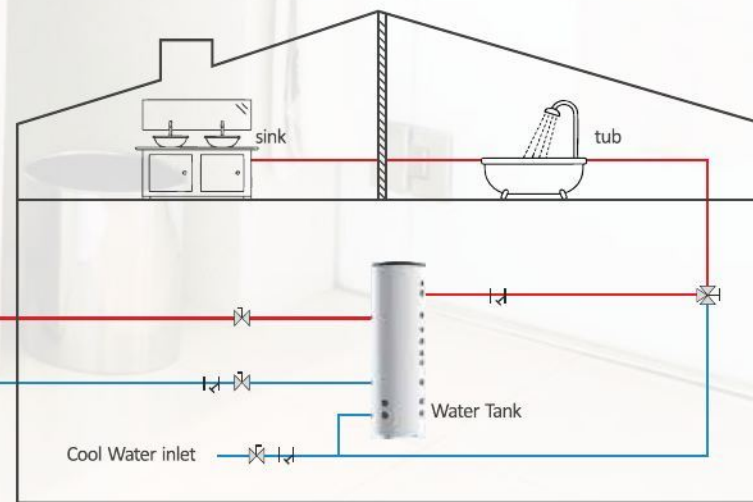
1 part of electrical power+4 parts of heat energy from the air=5 parts of heat energy
In theory, Power World's air-to-water heat pumps have a heating efficiency of up to 500%.



Hot water outlet upto 55°C without auxiliary electric heater



Controller



Built-in WIFI module App Control

No need for an extra Wi-Fi box—Simply download the 'SmartLife' App and directly connect to the internet to effortlessly control your hot water heat pump with your smartphone. Easily adjust water temperature, switch the unit ON/OFF, and more, anytime, anywhere! Experience convenient smart living whether you're at home or away.

Intelligent Comprehensive Protection



- ✓ Heating/Cooling Mode selection
- ✓ Target hot water temp setting
- ✓ Time/Timing setting
- ✓ E-Heater control
- ✓ Intelligent defrost setting
- ✓ Parameter query checking
- ✓ Malfunction warning
- ✓ Troubleshooting checking



Technical Specifications



Specification	HPZ-3.5/300	HPZ-5/300	HPZ-7/455
Heating Capacity (kW)	3.6 kW	5.2 kW	7.2 kW
Input Power (kW)	0.87 kW	1.24 kW	1.66 kW
COP (Coefficient of Performance)	4.13	4.18	4.33
Rated Current (A)	4.13	5.69 A	7.61 A
Max Current (A)	5.95 A	8.01 A	11.03 A
Max Input Power (kW)	1.3 kW	1.75 kW	2.41 kW
Intet Water Pressure	2kg		
Production Capacity	77 L/h	112 L/h	155 L/h
Rated outlet water temperature (°C)	55	55	55
Highest outlet water temperature (°C)	60	60	60
Rated Voltage / Frequency	220V / 1N / 50Hz		
IP Grade (Level of Protection)	IPX4		
Refrigerant	R410A		
Operation Ambient temp (°C)	-7~43°C		
Diameter of Pipe (mm)	DN20	DN20	DN20
Water Circulation (m³/H)	0.62	0.89	1.24
Max. Water Pressure Drop (kPa)	20	25	30
Noise (dB(A))	≤ 50	≤ 50	≤ 52
Net Weight / Gross Weight (kg)	48/56	52/60	60/70
Body Size (W*D*H) (mm)	956 × 350 × 550	956 × 350 × 550	1006 × 350 × 600
Tank Size (D*H) (mm)	600 x 1700	600 x 1700	700 x 1870
Approx. Installation Area	6 ft × 5.5 ft	6 ft × 5.5 ft	6 ft × 6 ft
Condenser type	High efficiency tube in shell heat exchanger		
Operating water temperature (°C)	9~55°C		

Note: * Inlet water 15°C, Outlet water 55°C, Dry bulb temperature 20°C, Wet bulb temperature 15°C.
 * According to IEC/EN 60335-1, IEC/EN 60335-2:40 standards..
 All models of heat pumps featuring IPX4-rated moisture resistance and an "I" anti-shock protection class.