

NEW

P[®]
POWER WORLD

R290 All-In-One Water Heater

Designed for smart zero-carbon homes



R290 ALL-IN-ONE WATER HEATER

R290 All-in-one Water Heater is a new low-GWP air-to-water water heater developed to create a zero-carbon future. This innovative product is designed to efficiently heat water while reducing energy consumption and saying goodbye to high energy bills.



OPTIONAL:



SOLAR COIL:
Built-in or without



INNER TANK:
Enamel tank or stainless steel tank

FEATURES

- ✓ R290 low GWP refrigerant (GWP=3, ODP=0).
- ✓ Energy efficient class A++
- ✓ WIFI smart control
- ✓ Stable silent operation
- ✓ Working temperature range -7°C ~ 43°C.
- ✓ Micro-channel heat exchanger.
- ✓ CMEV: Central mechanical extract ventilation
- ✓ Max. Outlet hot water temperature up to 75°C
- ✓ Heating capacity/water tank size/appearance: Customizable

ALL-IN-ONE STRUCTURAL DESIGN

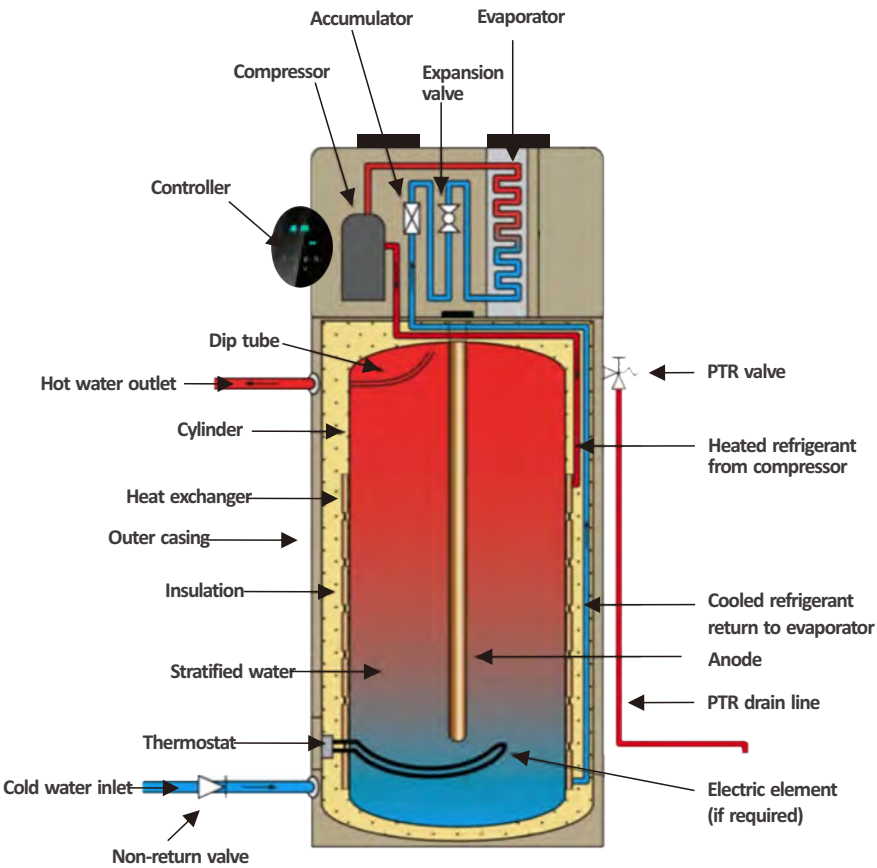
Warm Air Flow

Expelled Cold Air



ALL-IN-ONE STRUCTURAL DESIGN

It perfectly integrates the heat pump and water storage tank into one unit, saving greater space and cost for users.



R290 ALL-IN-ONE WATER HEATER

Model	PW010-KZJRS(A)/200L	PW010-KZJRS(A)/270L
Water tank volume (L)	200	270
Power Supply	220-240V/ 50Hz	
Heating capacity (kW)	2.8	
Rated Power (W)	675	
Rated Current (A)	3.1	
COP	4.15	
Electric Heater Rated Power (W)	2000	
Electric Heater Rated Current (A)	9.2	
Max Input Power(W)	3150	
Max Input Current(A)	14.5	
Max water pressure(MPa)	0.8	
Max exchanger working pressure(MPa)	3.2	
Refrigerant	R290	
Air discharge	vertical	
Working temperature range (°C)	-7~43	
Noise(dB)	43	
Water pipes connector size	DN20	
Net Weight (KG)	104	118
Gross Weight (KG)	120	136
Net Dimension(mm)	Φ 620×1520	Φ 620×1840
Package Dimension(mm)	700×700×1685	700×700×2000

Above results are tested at ambient temperature DB20°C/WB15C, water temperature in 10°C/out 55°C according to EN16147:2017

Note:
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the parameters of some products are changed in the process of continuous optimization.
Please refer to the actual products.

POWER WORLD

Founded in 2004, stock code 870092

Power World Machinery Equipment Co., Ltd. is one of the largest air to water heat pump manufacturers and service providers in China, an innovative pioneer in the zero-carbon heat pump field, continuously honored with the top 10 leading brands in China. In the past 20 years, we have been focused on the R&D, production and sales of heat pumps, committed to providing high-quality heating and cooling solutions to users around the world.



Factory 01

Founded in 2004,
Area 30,000m²



Factory 02

Founded in 2022,
Area 20,000m²



Factory 03

Officially operational in 2024,
Area 140,000m²



Factory 04

Founded in 2022,
Area 6000m²
Sheet metal and Fin
heat exchanger production
base Annual output value
50 million CNY



500-1000
employees



400+
Patents



the Netherlands & Germany
European Center



Bundesamt
für Wirtschaft und
Ausfuhrkontrolle

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