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Water Heater

ALL-IN-ONE

ON/OFF system-Stainless steel Inner tank



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R290 All-in-one Water Heater

It's a cost-effective and worry-free residential hot water heating solution. With an efficiency up to 3-4 times higher than conventional gas boilers or electrical heaters, it could provide a stable supply of hot water for the bathroom and kitchen 24 hours a day.

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

Solar coil: Built-in or without
Stainless steel Inner tank

DESIGNED FOR SMART ZERO-CARBON HOMES



R290 zero carbon



A+ Energy-Saving



43dB

R290 All-in-one Water Heater

ON/OFF Type

Model	SM005-KZJRS(A)/80L	SM005-KZJRS(A)/100L
Water tank volume (L)	80	100
Power Supply	220-240V/ 50Hz	
Heating capacity (kW)	1	
Rated Power (W)	245	
Rated Current (A)	1.11	
COP	4.08	
Electric Heater Rated Power (W)	1500	
Electric Heater Rated Current (A)	6.8	
Max Input Power (W)	1820	
Max Input Current (A)	8.3	
Max water pressure (MPa)	0.8	
Max exchanger working pressure (MPa)	3	
Refrigerant	R290	
Max water temperature (°C)	70	
Working temperature range (°C)	-7~43	
Noise (dB)	43	
Water pipes connector size	DN15	
IP Grade (Level of protection)	IPX1	
Net Weight (KG)	45	47
Gross Weight (KG)	57	59
Net Dimension (mm)	Φ510×1058	Φ510×1198
Package Dimension (mm)	580×580×1185	580×580×1295
Testing condition:Water Temperature from 15°C to 55°C, Dry bulb temperature 20°C, Wet bulb temperature15°C.		



Note: The data above is for reference only,please refer to the nameplate on the unit if for more specific data.

R290 All-in-one Water Heater

ON/OFF Type

Model	SM005-KZJRS(B)/150L	SM005-KZJRS(B)/200L	SM005-KZJRS(B)/250L	SM005-KZJRS(B)/300L
Water tank volume (L)	150L	200L	250L	300L
Power Supply	220-240V/ 50Hz			
Heating capacity (kW)	1.8			
Rated Power (W)	431	426	424	421
Rated Current (A)	1.97	1.95	1.94	1.92
COP	4.18	4.23	4.25	4.28
Electric Heater Rated Power (W)	1500			
Electric Heater Rated Current (A)	7.1			
Max Input Power (W)	2200			
Max Input Current (A)	10.6			
Max water pressure (MPa)	0.8			
Max exchanger working pressure (MPa)	3.2			
Inside body material of tank	SUS 304/316L/2205			
Compressor brand	HIGHLY			
Refrigerant	R290			
Working temperature range (°C)	-5~43			
Noise (dB)	46			
Water pipes connector size	DN20			
IP Grade (Level of protection)	IPX1			
Net Weight (KG)	62	72	90	108
Gross Weight (KG)	70	82	102	122
Net Dimension(mm)	Φ560×1470	Φ560×1765	Φ640×1630	Φ640×1860
Package Dimension(mm)	630×630×1650	630×630×1945	720×720×1810	720×720×2040
Loading quantity (carton)	27/57		24/48	
Testing condition:Water Temperature from 15°C to 55°C, Dry bulb temperature 20°C, Wet bulb temperature15°C.				



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