TECHNICAL DATA

Volume			200L	250L	300L
Power Supply			220-240V/1/50Hz	220-240V/1/50Hz	220-240V/1/50Hz
Heating Capacity		W	1420	1420	1420
Rated Hot Water Production		L/h	30	30	30
Rated Power Input		W	400	400	400
Rated Current Input		A	1.77	1.77	1.77
COP		W/W	3.55	3.55	3.55
Air 7/6℃ (EN16147)	Tapping	/	L	XL	XL
	ERP Class	/	A+	A+	A+
Electric Heater	Rated Power Input	W	2000	2000	2000
	Rated Current Input	A	8.9	8.9	8.9
Power Input Max.		W	2600	2600	2600
Current Input Max.		A	11.5	11.5	11.5
Refrigerant Type / Charge / GWP		/	R290/0.15kg/3	R290/0.15kg/3	R290/0.15kg/3
CO_2 Equivalent		/	0.00045	0.00045	0.00045
Working Ambient temperature		℃	-7~43	-7~43	-7~43
Operation Pressure(Low Side)		MPa	0.8	0.8	0.8
Operation Pressure(High Side)		MPa	3	3	3
Maximum Allowable Pressure		MPa	3	3	3
Electrical Shockproof		/	I	I	I
IP Class		/	IPX1	IPX1	IPX1
Water Tank Capacity		L	200	244	278
Water Piping Connections		/	G3/4“	G3/4“	G3/4“
Rated Working Pressure Of Tank		MPa	0.8	0.8	0.8
Air flow Rated		m³/h	400	400	400
Unit Dimensions		mm	Φ620×1645	Φ620×1875	Φ620×2045
Package Dimension(L*W*H)		mm	70*70*1752	70*70*1982	70*70*2152
Noise		dB(A)	48	48	48
Net Weight		kg	90	100	110

* Please refer to the nameplate for product upgrades or changes in specifications without prior notice.
* Draft parameters, refer to final specifications for actual performance.

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SolarEast



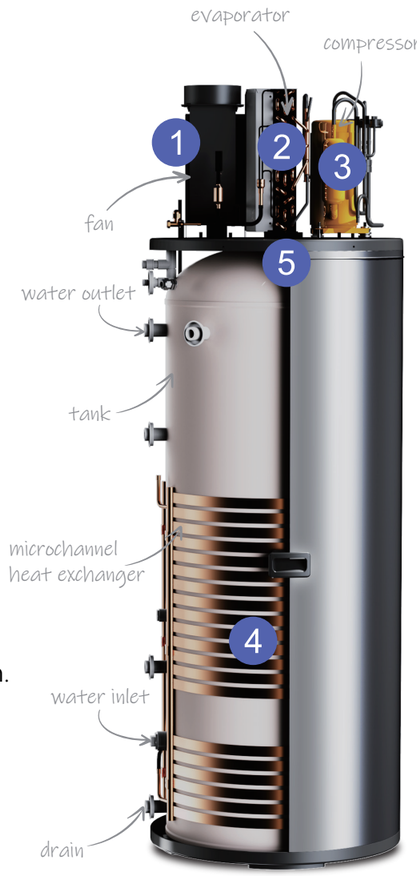
R290 Heat Pump Water Heater

Save 75% energy, eco-friendly performance



How It Works

1. A fan draws in air containing heat energy, across the evaporator.
2. The evaporator turns the liquid refrigerant into a gas.
3. The compressor pressurizes the refrigerant into a hot gas.
4. The hot gas inside the microchannel heat exchanger heats the water inside the tank.
5. The refrigerant reverts back to a liquid after heating the water and continues to the evaporator for the process to start again.
6. The cycle continues until the set target temperature is achieved.



Easy to install



User-Friendly Smart Control

WiFi-Enabled for Remote Access & Easy Operation Anytime, Anywhere.

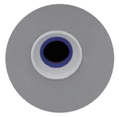


Eas-to-grab Handle

To easily carry around the cylinder.



Convenient Valve Location



Universal Parts

Most key components are universal to 200Liter，250Liter and 300Liter

Magnesium rod

Electric heating tube



Compressor



Main PCB

Fan motor

Display board

Centrifugal fan

Heating element

Capacitor

200L 250L 300L





Garage



Basement



Garden