TECHNICAL DATA

Model		KD40-200MR4N3A1	KD40-250MR4N3A1	KD40-300MR4N3A1
Power Supply		220V/60Hz	220V/60Hz	220V/60Hz
Heating capacity	BTU/h	7850	7850	7850
Heating capacity	W	2300	2300	2300
Rated power	BTU/h	2150	2150	2150
Rated power	W	630	630	630
Rated input current	A	3	3	3
Maximum input current	A	15	15	15
Refrigerant/charging amount	-/kg	R134a/1.05	R134a/1.05	R134a/1.05
Water output rate	L/H	49	49	49
Maximum water outlet temperature	℃	55	55	55
Waterproof protection level	/	IP×4	IP×4	IP×4
Sound pressure level	dB(A)	48	48	48
Water tank	L	200	250	300
operating temperature range	℃	-15-43		
Inner tank type	/	enamel	enamel	enamel
Inlet and outlet pipe dimensions	inch	G1/2“	G1/2“	G1/2“
Heat exchanger type	/	Microchannel Heat Exchanger		
Electric heater	kW	2	2	2
Dimensions	mm	560*1690	560*1890	560*2090
Packaging dimensions: (W*D*H)	mm	700*700*1800	700*700*2200	700*700*2200
Net weight	kg	110	130	130
Gross weight	kg	120	140	140

* 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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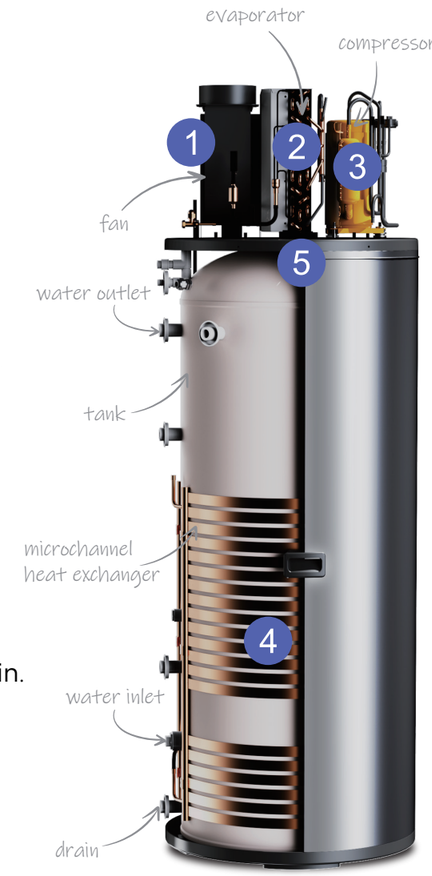
R134a Heat Pump Water Heater

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.

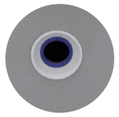


Eas-to-grab Handle

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