

HEAT PUMP WATER HEATER



Blue crystal liner

Anti-pressure explosion-proof, anti-melting and anti-acid, anti-bacterial, strong corrosion resistance.



Constant hot water supply

Hot water running throughout the year, multiplied outlets.



High efficiency & save energy

Electric power consumption is only 1/4 of electric water heater.



Intelligent defrosting

Fewer defrosting time, lower energy loss.



Timing heating, energy saving

Real time temperature monitoring, accurate heating time control



Micro-channel heat exchanger

Larger heat area, more efficient heat exchange and time-saving.



MICRO-CHANNEL HEAT EXCHANGER

Strong resistance to impact

Pulse endurance test for 250,000 times



Long term anticorrosion

480 hours acid resistance test



Strong pressure resistance

Special steel plate with ultra-strong pressure resistance



Tight adsorption

Reaching level 1 super strong attachment layer



Highest level craftsmanship

International enamelwater tank products



Water barrier technology

Isolate scale caring for your health





More efficient heat exchange
No need to wait for hot water



50%
 Heating Capacity



33%
 Heat Exchange Efficiency



2630w
 Max. Capacity

Model		60 L	150 L	200 L	260 L	300 L	500 L
Shell material		Steel with powder coated	Steel with powder coated	Steel with powder coated	Steel with powder coated	Steel with powder coated	Steel with powder coated
Shell thickness	mm	0.6	0.6	0.6	0.6	0.6	0.6
Inner tank coating		Enamel	Enamel	Enamel	Enamel	Enamel	Enamel
Inner tank material		SPCC*1.8	SPCC*2.0	SPCC*2.0	SPCC*2.5	SPCC*2.5	SPCC*3.0
Inner tank diameter		φ340	φ370	φ410	φ470	φ470	φ600
Polyurethane thickness	mm	50	50	50	50	50	50
Using water water inlet / outlet connection	mm	G5/4"	G1/2"	G1/2"	G3/4"	G3/4"	G5/4"
Circulation water inlet / outlet connection	mm	G5/4"	G3/4"	G3/4"	G3/4"	G3/4"	G5/4"
Drain water connection	mm	G1/2"	G1/2"	G1/2"	G1/2"	G1/2"	G1/2"
Magnesium rod		φ21×340×1pc	φ26×360×2pcs	φ26×360×2pcs	φ26×460×2pcs	φ26×460×2pcs	φ26×460×2pcs
Design working pressure	Bar	8	8	8	8	8	8
Testing pressure	Bar	12	12	12	12	12	12
Unit dimension	mm	φ440×910	φ470×1590	φ510×1615	φ570×1610	φ570×1805	φ700×1905
Packing dimension	mm	510×510×910	540×540×1590	850×585×1690	645×645×1680	645×645×1900	775×775×1990
Net Weight	kg	31	50	58	74	85	125
Gross Weight	kg	35	55	63	80	92	125
Accessories		Safety valve, Actuator	Safety valve, Actuator	Safety valve, Actuator	Safety valve, Actuator	Safety valve, Actuator	Safety valve, Actuator
Coil Spec.		/	φ32*2	φ32*2	φ32*2	φ32*2	φ32*2

The specific parameters are subject to product nameplate.

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ALL IN ONE HEAT PUMP

SIDE BLOW



Blue crystal liner

Anti-pressure explosion-proof, anti-melting and anti-acid, anti-bacterial, strong corrosion resistance.



Constant hot water supply

Hot water running throughout the year, multiplied outlets.



High temperature

Heat pump 65°C high temperature technology, multi-layer and multi-point water at the same time, make you comfortable and warm in cold winter.



Concise but not simple

Fashionable design, three-dimensional column shaped. Golden section facade design. Concise, easy to fit in your house. help to improve the cozy level of your residence. Small in size, novel in design.



R290 refrigerant

Environmentally friendly refrigerant, high efficiency and energy saving.

Energy saving



DHW



ESSENTIAL DETAILS

Model	200L	250L	300L
Power supply	220-240V~, 1Ph, 50Hz	220-240V~, 1Ph, 50Hz	220-240V~, 1Ph, 50Hz
Nominal tank volume	200L	250L	300L
Heating capacity	1.75Kw	2.50kW	2.50kW
EBH (Electric backup heater)	2.0Kw	2.0kW	2.0kW
Input (Heat pump only)	350W	480W	480W
COP	5.10	5.21	5.21
STC	36	35	35
Current (Heat pump only)	1.55A	2.13A	2.13A
Max. input	2585W	2890W	2890W
Max. current	12.0A	13.30A	13.30A
Max. leaving water temp. (Heat pump only)	65°C	65°C	65°C
Hot water yield	37L/h	52L/h	52L/h
Working ambient temp. (Heat pump only)	-7°C~43°C	-7°C~43°C	-7°C~43°C
Sound pressure level	48dB(A)	49dB(A)	49dB(A)
Refrigerant type	R290		
Water resistance	IPX4		
Compressor	Highly	GMCC	GMCC
Inner tank material	Enamel		
Rated inner tank pressure	0.8MPa		
Insulation	Polyurethane		
Outer tank material	Galvanized steel		
Condenser coil	Micro-channel wrap-around to tank		
Corrosion proof	Magnesium anode		
Inlet water pipe connection	G3/4"mm		
Outlet water pipe connection	G3/4"mm		
Condensing water connection	1/2"mm, internal thread		
Unit dimension (ΦD×H)	Φ510X2175MM	Φ640X1800MM	Φ640X2010MM
Net weight	95KG	115KG	136KG

Notice

The specification may be changed for product improvement, please refer to the nameplate of product.
Condition - Ambient: 19°C DB/15°C WB, initial water temperature is 14°C, ending water temperature is 55°C.



R290 ALL IN ONE TYPE AU DC Inverter

ENERGY SAVING



DIHW



REFRIGERANT

R290

MAX WATER OUTLET

65°C



Blue crystal liner

Anti-pressure explosion-proof, anti-melting and anti-acid, anti-bacterial, strong corrosion resistance.



Micro-channel heat exchanger

Larger heat area, more efficient heat exchange and time-saving.



Smartphone remote control

Schedule anytime, enjoy comfort. Pre-schedule your bath during commute with full command of home hot water system.



Minimalist design, maximized space

Golden section facade design. Concise, easy to fit in your house. help to improve the cozy level of your residence. Small in size, novel in design.



R290 refrigerant

Environmentally friendly refrigerant, high efficiency and energy saving.



Model	270L (DC INVERTER)	320L (DC INVERTER)
Power supply	220-240V~, 1Ph, 50/60Hz	220-240V~, 1Ph, 50/60Hz
Nominal tank volume	270L	320L
Heating capacity (Heat pump only)	2.50kW	2.50kW
EBH (Electric backup heater)	1.5kW	1.5kW
Average Input (Heat pump only)	0.46kW	0.45kW
COP @ A19°C/15°C, W15°C-55°C	5.50	5.55
STC	36	36
Current (Heat pump only)	2.01A	2.01A
Max. input	2.230kW	2.230kW
Max. current	9.80A	9.80A
Max. water outlet temp. (Heat pump only)	65°C	65°C
Hot water yield	52L/h	52L/h
Working ambient temp. (Heat pump only)	-10°C to 43°C	-10°C to 43°C
Sound pressure level	49dB(A)	49dB(A)
Max. operating water pressure	0.85Mpa	0.85Mpa
Water resistance	IPX4	IPX4
Refrigerant type / Factory charged	R290 / 0.4kg	R290 / 0.4kg
Throttling type	Electric expansion valve	Electric expansion valve
Compressor brand	Panasonic	Panasonic
Motor type	DC variable frequency motor	DC variable frequency motor
Wire controller	Digital screen, touch buttons, WiFi	Digital screen, touch buttons, WiFi
Inner tank material	Enamel	Enamel
Rated inner tank pressure	0.85MPa	0.85MPa
Insulation	Polyurethane	Polyurethane
Outer tank material	Galvanized steel	Galvanized steel
Condenser coil	Microchannel wrap-around to tank	Microchannel wrap-around to tank
Corrosion proof	Magnesium anode	Magnesium anode
Inlet water pipe connection	G3/4" mm	G3/4" mm
Outlet water pipe connection	G3/4" mm	G3/4" mm
Condensing water connection	1/2", internal thread	1/2", internal thread
Unit dimension (ΦD×H)	Φ640×1960	Φ640×2210
Packing size (ΦD×H)	750×745×2190MM	750×745×2430MM
Net weight	109kg	122kg
Gross weight	135kg	146kg

Notice

The specification may be changed for product improvement, please refer to the nameplate of product.

Condition - Ambient: 19°C DB/15°C WB, initial water temperature is 14°C, ending water temperature is 55°C.



AUSTRALIAN
STYLE

SIDE BLOW

DOMESTIC HEAT PUMP WATER HEATER



Blue crystal liner

Anti-pressure explosion-proof, anti-melting and anti-acid, anti-bacterial, strong corrosion resistance.



Constant hot water supply

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High temperature

Heat pump 65°C high temp. technology, multi-layer and multi-point water at the same time, make you comfortable and warm in cold winter.



Minimalist design, maximized space

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R134a refrigerant

Environmentally friendly refrigerant, high efficiency and energy saving.



Smartphone remote control

Schedule anytime, enjoy comfort. Pre-schedule your bath during commute with full command of home hot water system.

Energy saving



DHW



ESSENTIAL DETAILS

Model	KZRS20-200D/N3G1W	KZRS28-300D/N3G1W
Size	Φ570*1810	Φ640*2010
Power	220-240V~/50Hz	220-240V~/50Hz
Heating capacity	1950W	2800W
Rated power	410W	560W
Max. input power (include electrical heating)	2685W	2890W
Max. current	12.2A	13.4A
COP	4.76	5.02
Refrigerant	R134a	R134a
Compressor	GMCC	Panasonic
Throttling device	Electronic expansion valve	Electronic expansion valve
Fan	DC variable frequency motor	DC variable frequency motor
Wire controller	Digital screen, touch buttons, WIFI	Digital screen, touch buttons, WIFI
High/Low pressure switch	2.8-2.3 MPa / 0.05-0.15MPa	2.8-2.3 MPa / 0.05-0.15MPa
Power cord specifications	3*1.5mm ² with leakage insurance 16A	3*1.5mm ² with leakage insurance 16A
Heating rate	42L/H	60L/H
Max. outlet water temperature	65°C	65°C
Ambient temperature used	-7°C~45°C	-7°C~45°C
Waterproof grade	IPX4	IPX4
Noise	≤47dB(A)	≤49dB(A)
Net weight	93kg	122kg
Water tank	Tank with enamel coating	Tank with enamel coating
Inlet/Outlet pipe dimensions	G1/2"	G3/4"
Heat exchanger type	Microchannel	Microchannel
Built-in pressure protection	0.8MPa	0.8MPa
Auxiliary electric heating	2000W	2000W
Tank volume	200L	300L
Packing dimensions (L*W*H)	710*680*1990mm	740*740*2220mm

Notice

1. The specification based on the following conditions: DB/WB 20°C/15°C, Water temperature from 15°C to 55°C.
2. Models and parameters are subject to change due to product upgrades and improvements without prior notice.
The specific parameters are subject to the nameplate of the unit.



**SOUTHEAST ASIA
STYLE**



SPLIT HEAT PUMP WATER HEATER



Blue crystal liner

Anti-pressure explosion-proof, anti-melting and anti-acid, anti-bacterial, strong corrosion resistance.



Energy saving, healthy, safety

Comparing with other normal electric water heater, it saves up to 75% energy, and its antibacterial and anti-scale function help to make the daily usage safer to users.



Constant hot water supply

Hot water running throughout the year, multiplied outlets.



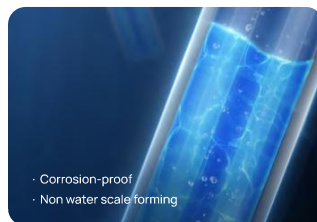
Micro-channel heat exchanger

More efficient heat exchange, no need to wait for hot water.

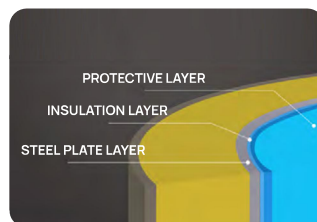


Smartphone remote control

Schedule anytime, enjoy comfort. Pre-schedule your bath during commute with full command of home hot water system.



- Blue crystal liner



- 50 mm microporous foam insulation

PARAMETER

Model	KFD-80/200N1C1	KFD-118/300N1C1
Product Dimensions (W×D×H)	800×290×550mm	800×290×550mm
Color	Coffee Brown	Coffee Brown
Power Supply	220V~/50Hz	220V~/50Hz
Rated Heating Capacity	3750W	5500W
Rated Capacity	852W	1261W
Max. Input Power / Current	3150/14.5A	3650/16.9A
COP	4.4	4.36
Refrigerant	R410a	R410a
Compressor	GMCC	GMCC
Four-way Valve	SHF-4	SHF-4
Throttling Device	Electronic Expansion Valve	Electronic Expansion Valve
Wire Controller	LCD, touch buttons, WIFI	LCD, touch buttons, WIFI
Power Cord	3×2.5mm²	3×2.5mm²
Heating Rate	80L/h	118L/h
Max. Outlet Water Temperature	55°C	55°C
Ambient Temperature	-15°C~45°C	-15°C~45°C
Waterproof Level	IPX4	IPX4
Noise	≤50dB(A)	≤52dB(A)
Net Weight	30KG	34KG
Packaging Dimensions	900×395×615mm	900×395×615mm
Volume	200L	300L
Product Dimensions	Φ510×1710mm	Φ570×1865mm
Color	Coffee Brown	Coffee Brown
Housing Material	Powder coated galvanized steel	Powder coated galvanized steel
Tank Type	Enamel tank	Enamel tank
Max. Water Pressure	0.8MPa	0.8MPa
Diameters of Inlet & Outlet	DN15	DN20
Heat Exchanger	Micro-channel	Micro-channel
EBH (Electric backup heater)	2000W	2000W
Recommended User Capacity	2-4 people	3-6 people
Net Weight	68KG	92KG
Packaging Dimensions	585×585×1795MM	645×645×1940MM
Ambient Temp. Range for the Entire Unit	-15°C ~ 45°C	-15°C ~ 45°C

Notice

The specification are based on the following conditions: DB/WB 20°C/15°C, water temperature from 15°C to 55°C, Applicable ambient temperature -15°C ~ 45°C.
The data above is for reference only. The specific parameters are subject to product nameplate.