

HIGH-END 5G
CLOUD SMART INTEGRATED
AIR SOURCE HEAT PUMP

ecofUTURE®

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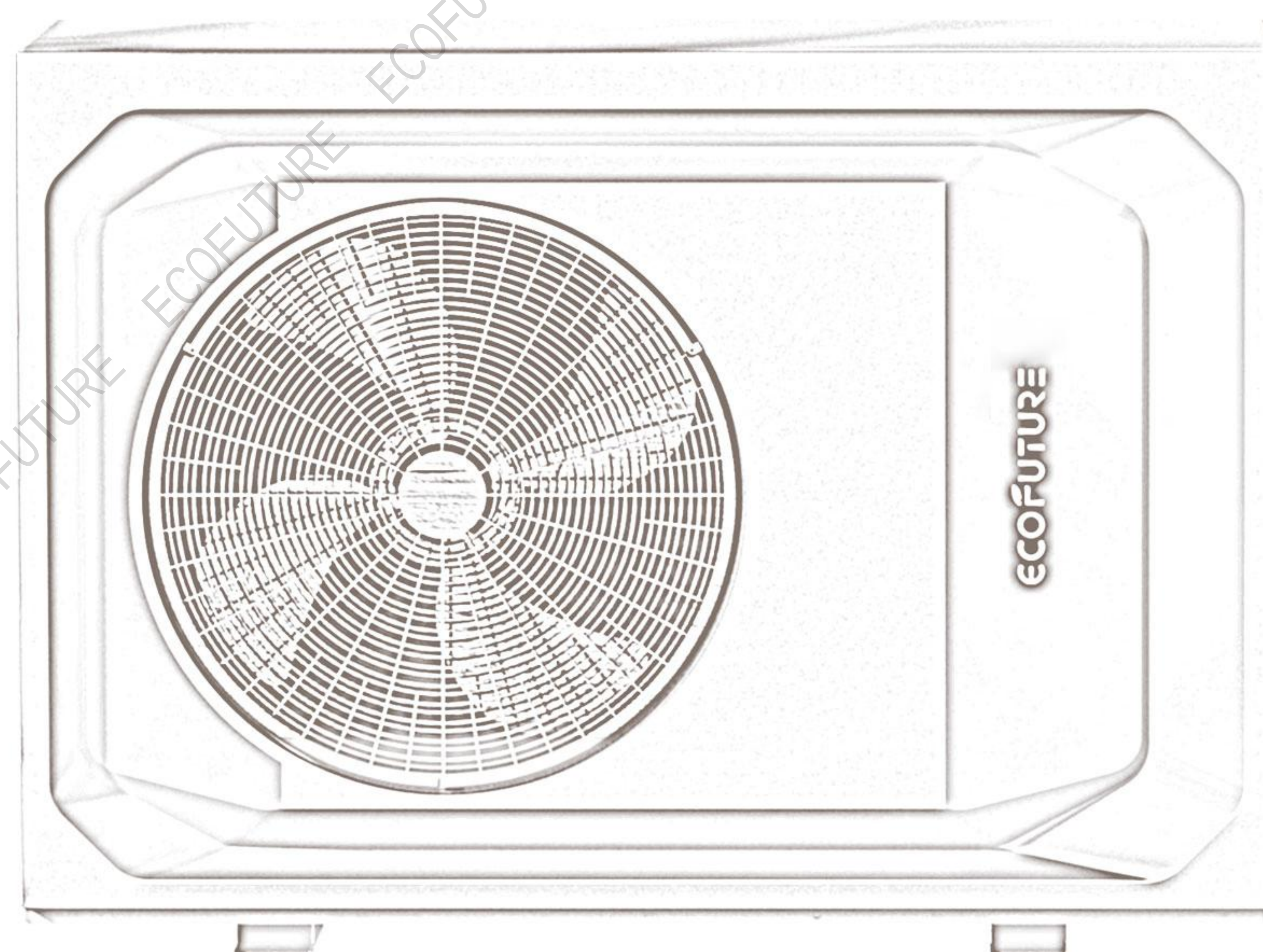
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ECOFUTURE®

Specializing in the production of various types of air source
heat pumps and solar water heaters for 25 years



ZHEJIANG JIADELE TECHNOLOGY CO.,LTD

www.jdlheatpump.com

R290 HOUSEHOLD ALL IN ONE HEAT PUMP

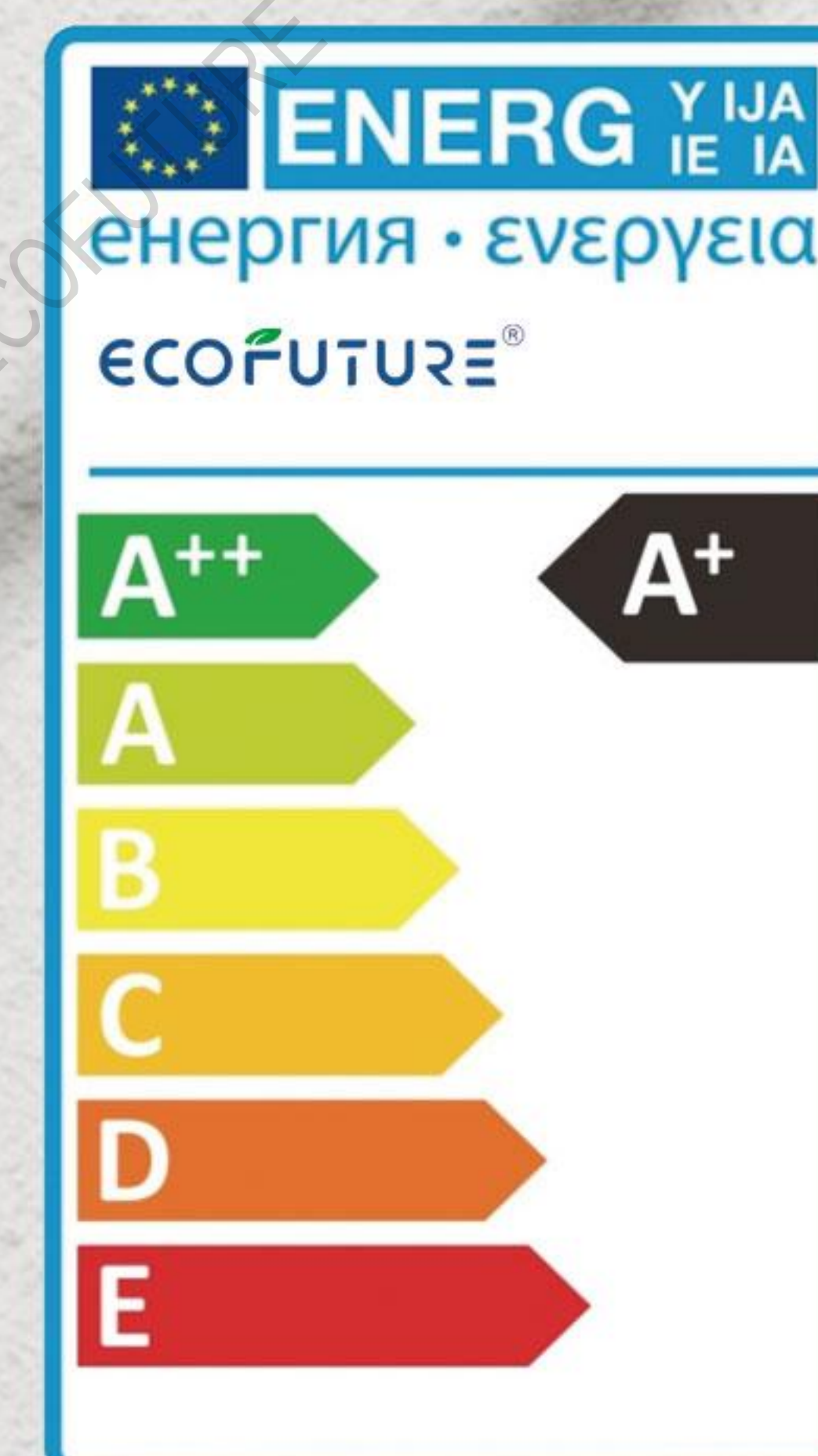
High heating efficiency

The unit uses the heat pump principle to absorb heat from the ambient air and release it into the water to produce hot water.

Heating energy rating up to European standard A++.



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R290"Gleamstar"All-in-One Heat Pump

Model	JHR17-200LD/YT/B	JHR17-250LD/YT/B	JHR17-300LD/YT/B
Product Dimensions	Φ650*1525mm	Φ650*1735mm	Φ650*1945mm
Power supply	220V~240V/50Hz	220V~240V/50Hz	220V~240V/50Hz
Tank volume	200 L	250 L	300 L
Heating capacity	1600 W	1600 W	1600 W
Rated input power	360W	360W	360W
Auxiliary electric heating	2000W	2000W	2000W
Maximum input power (include electrical heating)	2630W	2630W	2630W
Maximum current	12.5A	12.5A	12.5A
Declared load profile	L	L	XL
14/13°C (EN16147)	COP _{DHW}	3.69	4.19
	Heating Time/ Energy Efficiency Class	6.2 h / A + +	9.2 / A + +
	AEC	660kWh	947kWh
7/6°C (EN16147)	COP _{DHW}	3.19	3.34
	Heating Time/ Energy Efficiency Class	7.2h / A +	10.8h / A +
	AEC	737kWh	1179kWh
V ₄₀	239L	300L	400L
Refrigerant	R290	R290	R290
Compressor	HIGHLY	HIGHLY	HIGHLY
Four-way valve	DSF-3	DSF-3	DSF-3
Throttling device	Electronic expansion valve	Electronic expansion valve	Electronic expansion valve
Evaporator	Hydrophilic aluminum foil and copper pipe	Hydrophilic aluminum foil and copper pipe	Hydrophilic aluminum foil and copper pipe
Fan Motor	RD45HK2	RD45HK2	RD45HK2
Fan	φ190	φ190	φ190
Wire controller	Digital screen, touch buttons	Digital screen, touch buttons	Digital screen, touch buttons
High/low pressure switch	3.2 ~ 2.6/0.05-0.15 Mpa	3.2 ~ 2.6/0.05-0.15 Mpa	3.2 ~ 2.6/0.05-0.15 Mpa
Power cord specifications	3m X1.5mm ²	3m X1.5mm ²	3m X1.5mm ²
Heating rate	34.5L/h	34.5L/h	34.5L/h
Max outlet water temperature	70 °C	70 °C	70 °C
Max outlet water temperature (heat pump mode)	65 °C	65 °C	65 °C
Rated outlet water temp	55 °C	55 °C	55 °C
Ambient temperature	-7~43 °C	-7~43 °C	-7~43 °C
Waterproof level	IPX4	IPX4	IPX4
Sound Power Level	≤52dB(A)	≤52dB(A)	≤52dB(A)
Housing Material	Powder coated galvanized steel	Powder coated galvanized steel	Powder coated galvanized steel
Water tank	Stainless steel	Stainless steel	Stainless steel
Water connection size	G3/4"	G3/4"	G3/4"
Heat exchanger type	Microchannel heat exchanger	Microchannel heat exchanger	Microchannel heat exchanger
Built-in pressure protection	0.8MPa	0.8MPa	0.8MPa
Accessory Bag	one G3/4 relief valve/Manuals/PT valve	one G3/4 relief valve/Manuals/PT valve	one G3/4 relief valve/Manuals/PT valve
Packing Dimensions (L x W x H) (carton and pallet)	720*720*1650mm	720*720*1860mm	720*720*2070mm
Net Weight	86Kg	98Kg	110Kg
Operating ambient temperature	-7~43 °C	-7~43 °C	-7~43 °C

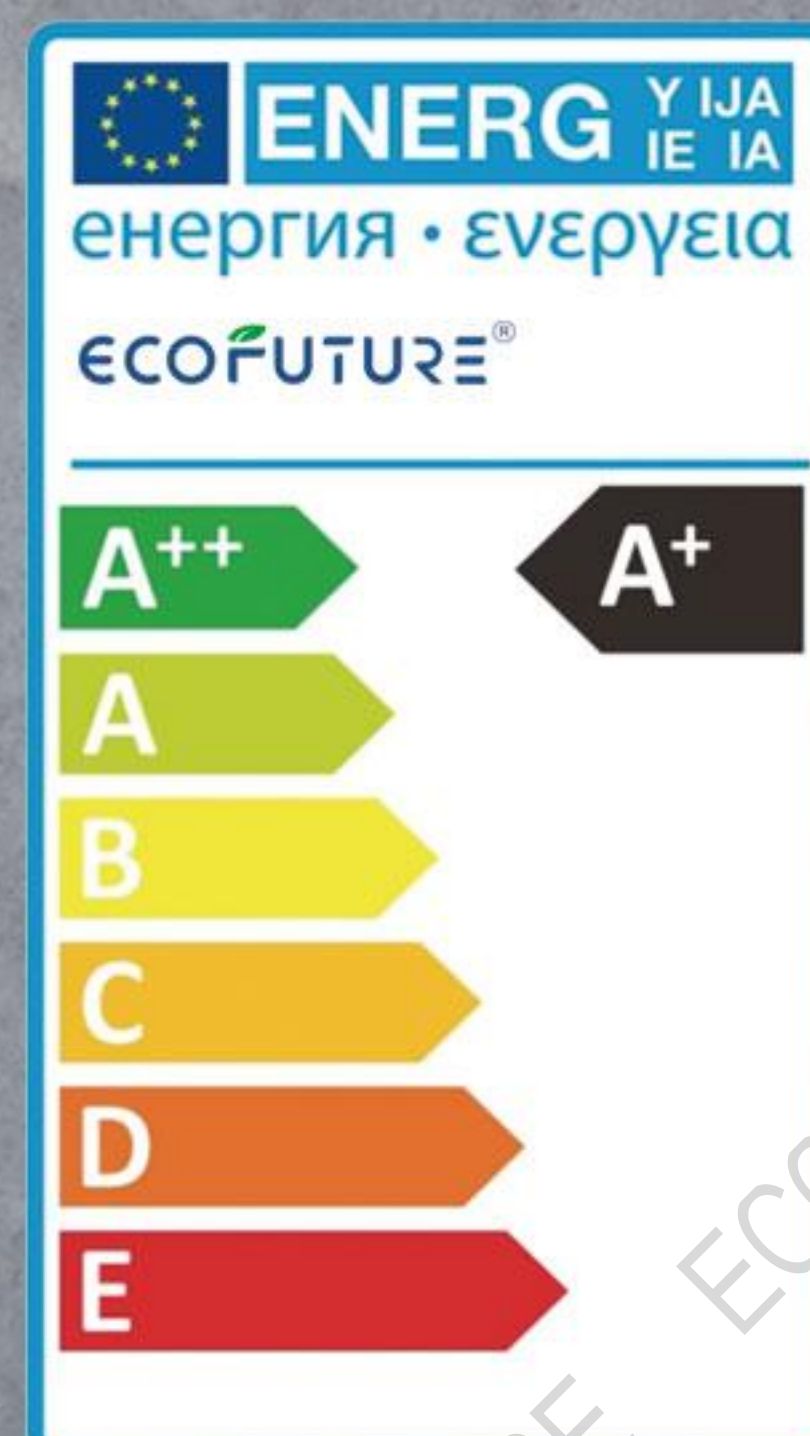
R290 HOUSEHOLD ALL IN ONE HEAT PUMP

High heating efficiency

The unit uses the heat pump principle to absorb heat from the ambient air and release it into the water to produce hot water.

Heating energy rating up to European standard A++.

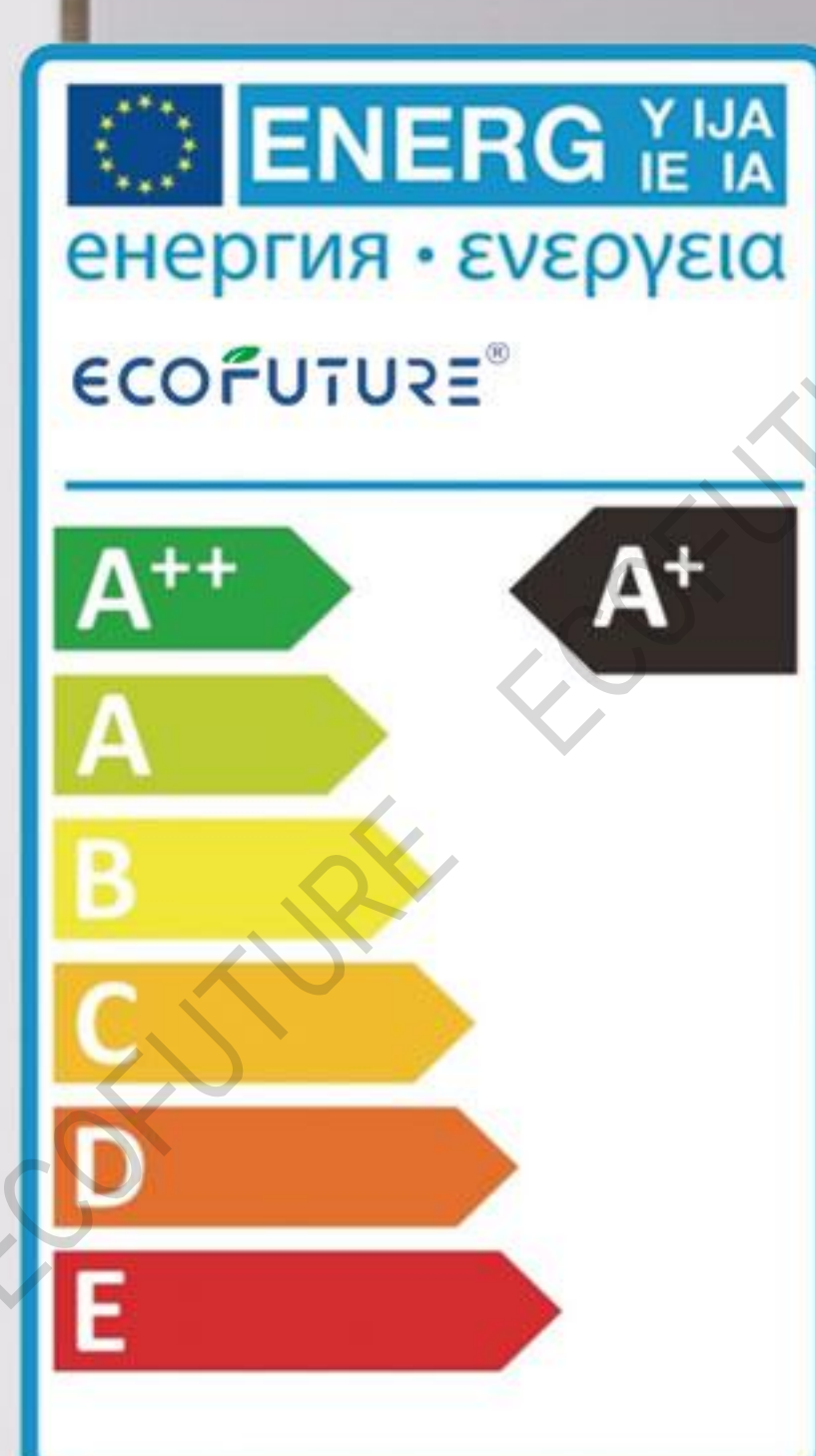
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R290 HOUSEHOLD WALL-MOUNTED ALL IN ONE HEAT PUMP

ECOFUTURE launched the R290 heat pump in 2022 to reduce environmental emissions.

R290 refrigerant is recognized as a refrigerant that helps reduce emissions and achieve carbon neutrality goals.



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R290 "Stella" All-in-One Heat Pump

Model	JHR09-85LD/YT/C	JHR09-100LD/YT/C	JHR09-120LD/YT/C	JHR09-150LD/YT/C	JHR17-200LD/YT/B	JHR17-250LD/YT/B	JHR17-300LD/YT/B
Product Dimensions	Φ470*1270mm	Φ470*1455mm	Φ470*1640mm	Φ520*1640mm	Φ650*1525mm	Φ650*1735mm	Φ650*1945mm
Power supply	220V~240V/50Hz	220V~240V/50Hz	220V~240V/50Hz	220V~240V/50Hz	220V~240V/50Hz	220V~240V/50Hz	220V~240V/50Hz
Tank volume	85 L	100 L	120 L	150 L	200 L	250 L	300 L
Heating capacity	930 W	930 W	930 W	930 W	1600 W	1600 W	1600 W
Rated input power	215W	215W	215W	215W	360W	360W	360W
Auxiliary electric heating	1500W	1500W	1500W	1500W	2000W	2000W	2000W
Maximum input power (include electrical heating)	1875W	1875W	1875W	1875W	2630W	2630W	2630W
Maximum current	8.8 A	8.8 A	8.8 A	8.8 A	12.5 A	12.5 A	12.5 A
Declared load profile	M	M	M	L	L	L	XL
14/13°C (EN16147)	COP _{DHW}	2.88	2.9	3.01	2.96	3.69	3.86
	Heating Time/Energy Efficiency Class	4.1 h/ A +	5h/ A +	6.4h/ A +	8.2h/ A +	6.2h/ A + +	7.7h/ A + +
	AEC	515kWh	470kWh	460kWh	880kWh	660kWh	630kWh
7/6°C (EN16147)	COP _{DHW}	2.7	2.73	2.81	2.79	3.19	3.22
	Heating Time/Energy Efficiency Class	5 h/ A +	5.9 h/ A +	7.3 h/ A +	7.3 h/ A +	7.2 h/ A +	9 h/ A +
	AEC	475kWh	440kWh	420kWh	835kWh	737kWh	705kWh
V ₄₀	113L	132L	150L	185L	239L	300L	400L
Refrigerant	R290	R290	R290	R290	R290	R290	R290
Compressor	HIGHLY	HIGHLY	HIGHLY	HIGHLY	HIGHLY	HIGHLY	HIGHLY
Four-way valve	DSF-3	DSF-3	DSF-3	DSF-3	DSF-3	DSF-3	DSF-3
Throttling device	Electronic expansion valve	Electronic expansion valve	Electronic expansion valve	Electronic expansion valve	Electronic expansion valve	Electronic expansion valve	Electronic expansion valve
Evaporator	Hydrophilic aluminum foil and copper pipe	Hydrophilic aluminum foil and copper pipe	Hydrophilic aluminum foil and copper pipe	Hydrophilic aluminum foil and copper pipe	Hydrophilic aluminum foil and copper pipe	Hydrophilic aluminum foil and copper pipe	Hydrophilic aluminum foil and copper pipe
Fan Motor	RD45HK2	RD45HK2	RD45HK2	RD45HK2	RD45HK2	RD45HK2	RD45HK2
Fan	φ190	φ190	φ190	φ190	φ190	φ190	φ190
Wire controller	Digital screen, touch buttons	Digital screen, touch buttons	Digital screen, touch buttons	Digital screen, touch buttons	Digital screen, touch buttons	Digital screen, touch buttons	Digital screen, touch buttons
High/low pressure switch	3.2 ~ 2.6/ 0.05-0.15 Mpa	3.2 ~ 2.6/ 0.05-0.15 Mpa	3.2 ~ 2.6/ 0.05-0.15 Mpa	3.2 ~ 2.6/ 0.05-0.15 Mpa	3.2 ~ 2.6/ 0.05-0.15 Mpa	3.2 ~ 2.6/ 0.05-0.15 Mpa	3.2 ~ 2.6/ 0.05-0.15 Mpa
Power cord specifications	3m X 1.5mm ²	3m X 1.5mm ²	3m X 1.5mm ²	3m X 1.5mm ²	3m X 1.5mm ²	3m X 1.5mm ²	3m X 1.5mm ²
Heating rate	20 L/h	20 L/h	20 L/h	20 L/h	34.5 L/h	34.5 L/h	34.5 L/h
Max outlet water temperature	70 °C	70 °C	70 °C	70 °C	70 °C	70 °C	70 °C
Max outlet water temperature (heat pump mode)	65 °C	65 °C	65 °C	65 °C	65 °C	65 °C	65 °C
Rated outlet water temp	55 °C	55 °C	55 °C	55 °C	55 °C	55 °C	55 °C
Ambient temperature	-7~43°C	-7~43°C	-7~43°C	-7~43°C	-7~43°C	-7~43°C	-7~43°C
Waterproof level	IPX4	IPX4	IPX4	IPX4	IPX4	IPX4	IPX4
Sound Power Level	≤ 50dB(A)	≤ 50dB(A)	≤ 50dB(A)	≤ 50dB(A)	≤ 52dB(A)	≤ 52dB(A)	≤ 52dB(A)
Housing Material	Powder coated galvanized steel	Powder coated galvanized steel	Powder coated galvanized steel	Powder coated galvanized steel	Powder coated galvanized steel	Powder coated galvanized steel	Powder coated galvanized steel
Water tank	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel
Water connection size	G1/2"	G1/2"	G1/2"	G1/2"	G3/4"	G3/4"	G3/4"
Heat exchanger type	Microchannel heat exchanger	Microchannel heat exchanger	Microchannel heat exchanger	Microchannel heat exchanger	Microchannel heat exchanger	Microchannel heat exchanger	Microchannel heat exchanger
Built-in pressure protection	0.8MPa	0.8MPa	0.8MPa	0.8MPa	0.8MPa	0.8MPa	0.8MPa
Accessory Bag	one G1/2 relief valve/Manuals	one G1/2 relief valve/Manuals	one G1/2 relief valve/Manuals	one G1/2 relief valve/Manuals	one G3/4 relief valve/ Manuals/PT valve	one G3/4 relief valve/ Manuals/PT valve	one G3/4 relief valve/ Manuals/PT valve
Packing Dimensions (LxWxH) (carton and pallet)	540*550* (1295+95)mm	540*560* (1480+95)mm	540*560* (1665+95)mm	570*585* (1665+95)mm	720*720*1650mm	720*720*1860mm	720*720*2070mm
Net Weight	57 Kg	61 Kg	67 Kg	76 Kg	86 Kg	98 Kg	110 Kg
Operating ambient temperature	-7~43°C	-7~43°C	-7~43°C	-7~43°C	-7~43°C	-7~43°C	-7~43°C

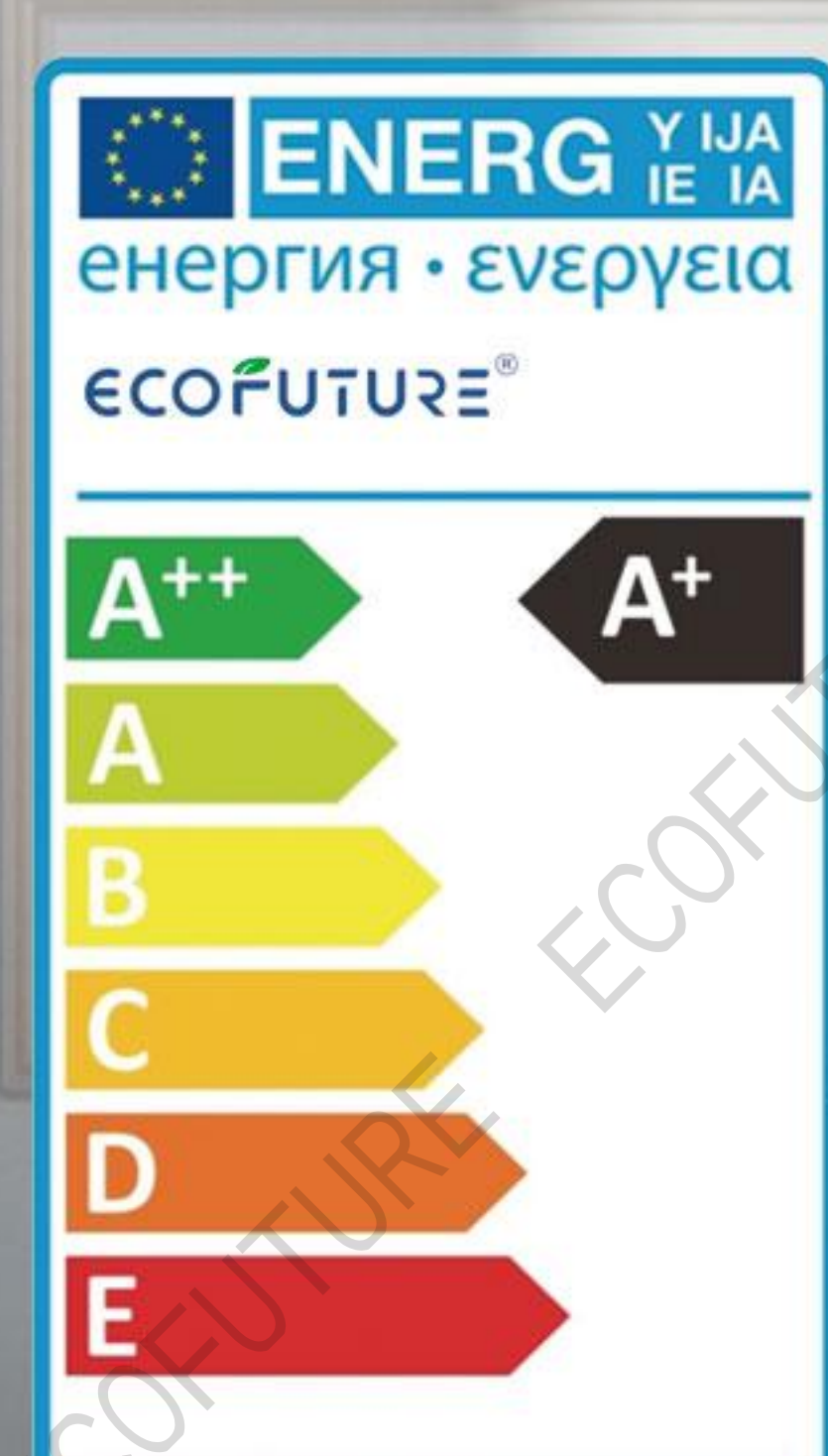
R290 HOUSEHOLD ALL IN ONE HEAT PUMP

High heating efficiency

The unit uses the heat pump principle to absorb heat from the ambient air and release it into the water to produce hot water.

Heating energy rating up to European standard A++.

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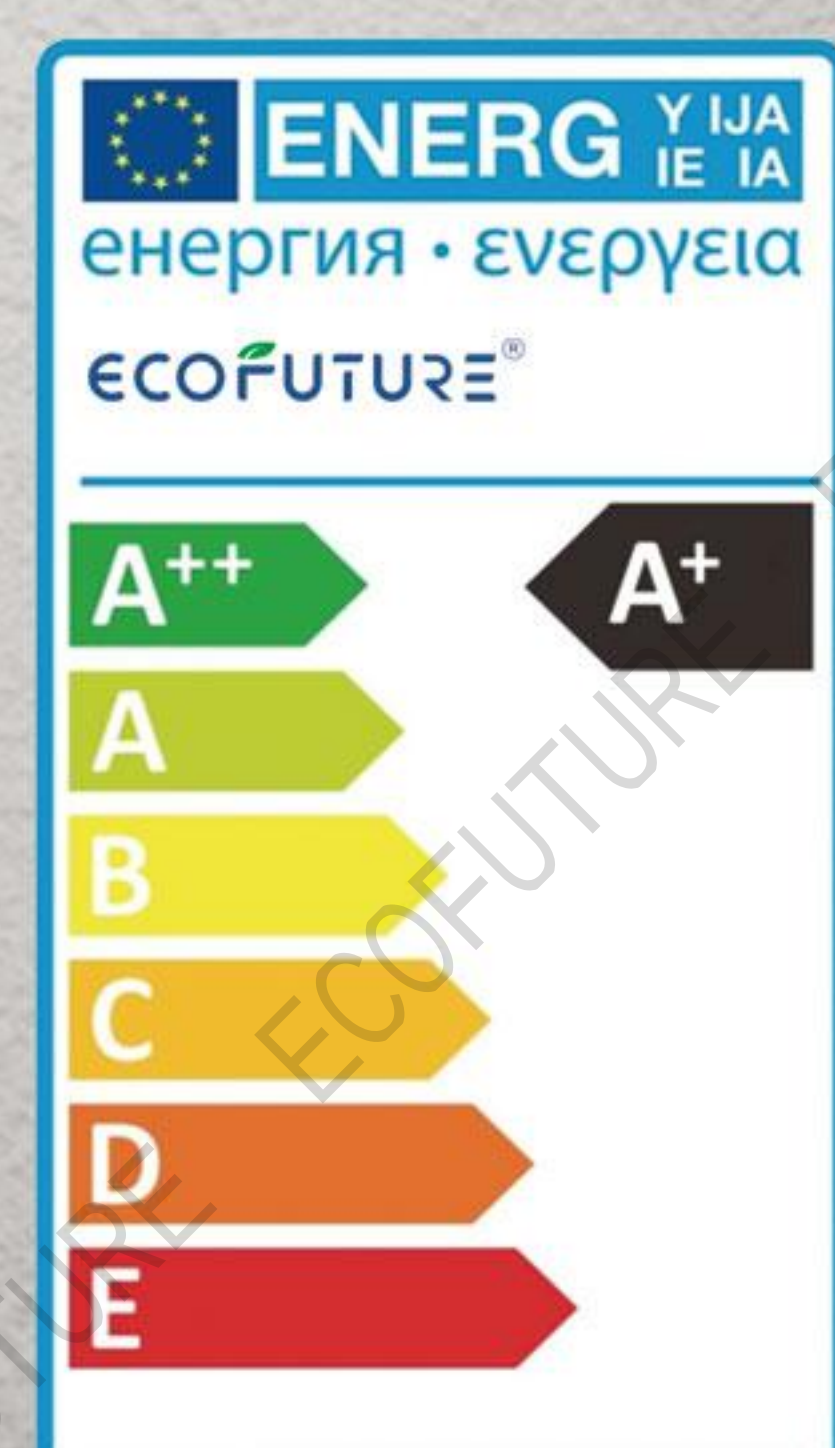


R290 HOUSEHOLD WALL-MOUNTED ALL IN ONE HEAT PUMP

ECOFUTURE launched the R290 heat pump in 2022 to reduce environmental emissions.

R290 refrigerant is recognized as a refrigerant that helps reduce emissions and achieve carbon neutrality goals.

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R290 "Gentleman" All-in-One Heat Pump

Model	JHR09-85LD/YT/C	JHR09-100LD/YT/C	JHR09-120LD/YT/C	JHR09-150LD/YT/C	JHR17-200LD/YT/B	JHR17-250LD/YT/B	JHR17-300LD/YT/B
Product Dimensions	Φ470*1270mm	Φ470*1455mm	Φ470*1640mm	Φ520*1640mm	Φ650*1525mm	Φ650*1735mm	Φ650*1945mm
Power supply	220V~240V/50Hz	220V~240V/50Hz	220V~240V/50Hz	220V~240V/50Hz	220V~240V/50Hz	220V~240V/50Hz	220V~240V/50Hz
Tank volume	85 L	100 L	120 L	150 L	200 L	250 L	300 L
Heating capacity	930 W	930 W	930 W	930 W	1600 W	1600 W	1600 W
Rated input power	215W	215W	215W	215W	360W	360W	360W
Auxiliary electric heating	1500W	1500W	1500W	1500W	2000W	2000W	2000W
Maximum input power (include electrical heating)	1875W	1875W	1875W	1875W	2630W	2630W	2630W
Maximum current	8.8 A	8.8 A	8.8 A	8.8 A	12.5 A	12.5 A	12.5 A
Declared load profile	M	M	M	L	L	L	XL
14/13°C (EN16147)	COP _{DHW}	2.88	2.9	3.01	2.96	3.69	4.19
	Heating Time/Energy Efficiency Class	4.1 h/ A +	5h/ A +	6.4h/ A +	8.2h/ A +	6.2h/ A + +	7.7h/ A + +
	AEC	515kWh	470kWh	460kWh	880kWh	660kWh	630kWh
7/6°C (EN16147)	COP _{DHW}	2.7	2.73	2.81	2.79	3.19	3.22
	Heating Time/Energy Efficiency Class	5 h/ A +	5.9 h/ A +	7.3 h/ A +	7.3 h/ A +	7.2 h/ A +	9 h/ A +
	AEC	475kWh	440kWh	420kWh	835kWh	737kWh	705kWh
V ₄₀	113L	132L	150L	185L	239L	300L	400L
Refrigerant	R290	R290	R290	R290	R290	R290	R290
Compressor	HIGHLY	HIGHLY	HIGHLY	HIGHLY	HIGHLY	HIGHLY	HIGHLY
Four-way valve	DSF-3	DSF-3	DSF-3	DSF-3	DSF-3	DSF-3	DSF-3
Throttling device	Electronic expansion valve	Electronic expansion valve	Electronic expansion valve	Electronic expansion valve	Electronic expansion valve	Electronic expansion valve	Electronic expansion valve
Evaporator	Hydrophilic aluminum foil and copper pipe	Hydrophilic aluminum foil and copper pipe	Hydrophilic aluminum foil and copper pipe	Hydrophilic aluminum foil and copper pipe	Hydrophilic aluminum foil and copper pipe	Hydrophilic aluminum foil and copper pipe	Hydrophilic aluminum foil and copper pipe
Fan Motor	RD45HK2	RD45HK2	RD45HK2	RD45HK2	RD45HK2	RD45HK2	RD45HK2
Fan	φ190	φ190	φ190	φ190	φ190	φ190	φ190
Wire controller	Digital screen, touch buttons	Digital screen, touch buttons	Digital screen, touch buttons	Digital screen, touch buttons	Digital screen, touch buttons	Digital screen, touch buttons	Digital screen, touch buttons
High/low pressure switch	3.2 ~ 2.6/ 0.05-0.15 Mpa	3.2 ~ 2.6/ 0.05-0.15 Mpa	3.2 ~ 2.6/ 0.05-0.15 Mpa	3.2 ~ 2.6/ 0.05-0.15 Mpa	3.2 ~ 2.6/ 0.05-0.15 Mpa	3.2 ~ 2.6/ 0.05-0.15 Mpa	3.2 ~ 2.6/ 0.05-0.15 Mpa
Power cord specifications	3m X 1.5mm ²	3m X 1.5mm ²	3m X 1.5mm ²	3m X 1.5mm ²	3m X 1.5mm ²	3m X 1.5mm ²	3m X 1.5mm ²
Heating rate	20 L/h	20 L/h	20 L/h	20 L/h	34.5 L/h	34.5 L/h	34.5 L/h
Max outlet water temperature	70 °C	70 °C	70 °C	70 °C	70 °C	70 °C	70 °C
Max outlet water temperature (heat pump mode)	65 °C	65 °C	65 °C	65 °C	65 °C	65 °C	65 °C
Rated outlet water temp	55 °C	55 °C	55 °C	55 °C	55 °C	55 °C	55 °C
Ambient temperature	-7~43°C	-7~43°C	-7~43°C	-7~43°C	-7~43°C	-7~43°C	-7~43°C
Waterproof level	IPX4	IPX4	IPX4	IPX4	IPX4	IPX4	IPX4
Sound Power Level	≤ 50dB(A)	≤ 50dB(A)	≤ 50dB(A)	≤ 50dB(A)	≤ 52dB(A)	≤ 52dB(A)	≤ 52dB(A)
Housing Material	Powder coated galvanized steel	Powder coated galvanized steel	Powder coated galvanized steel	Powder coated galvanized steel	Powder coated galvanized steel	Powder coated galvanized steel	Powder coated galvanized steel
Water tank	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel
Water connection size	G1/2"	G1/2"	G1/2"	G1/2"	G3/4"	G3/4"	G3/4"
Heat exchanger type	Microchannel heat exchanger	Microchannel heat exchanger	Microchannel heat exchanger	Microchannel heat exchanger	Microchannel heat exchanger	Microchannel heat exchanger	Microchannel heat exchanger
Built-in pressure protection	0.8MPa	0.8MPa	0.8MPa	0.8MPa	0.8MPa	0.8MPa	0.8MPa
Accessory Bag	one G1/2 relief valve/Manuals	one G1/2 relief valve/Manuals	one G1/2 relief valve/Manuals	one G1/2 relief valve/Manuals	one G3/4 relief valve/ Manuals/PT valve	one G3/4 relief valve/ Manuals/PT valve	one G3/4 relief valve/ Manuals/PT valve
Packing Dimensions (LxWxH) (carton and pallet)	540*550* (1295+95)mm	540*560* (1480+95)mm	540*560* (1665+95)mm	570*585* (1665+95)mm	720*720*1650mm	720*720*1860mm	720*720*2070mm
Net Weight	57 Kg	61 Kg	67 Kg	76 Kg	86 Kg	98 Kg	110 Kg
Operating ambient temperature	-7~43°C	-7~43°C	-7~43°C	-7~43°C	-7~43°C	-7~43°C	-7~43°C

R290 household all in one heat pump water heater

ECOFUTURE launched R290 ATW heat pump in 2022 to reduce carbon emission to the environment. R290 refrigerant is recognized as a refrigerant which contributes to the reduction of carbon emission and help achieve the globalgoal of carbon neutrality.



R290 Australian Model All-in-One Heat Pump			
Product Dimensions		φ 510*2190 （190L）	φ 650*1945(300L)
Power supply		220～240V/50Hz	220～240V/50Hz
Heating capacity		1750W	2500W
Rated input power		350W	480W
Maximum input power		2585W	2835W
Maximum current		12A	13.15A
COP		5.0	5.2
Refrigerant		R290	R290
Compressor		Highly/rotary	GMCC/rotary
Four-way valve		Sanhua SHF-4	Sanhua SHF-4
Throttling device		Electronic expansion valve	Electronic expansion valve
Condenser		φ 7 hydrophilic aluminum foil	φ 7 hydrophilic aluminum foil
Motor		DC motor	DC motor
Axial-flow fan		φ 300	φ 320
Wire controller		Digital screen, touch buttons	Digital screen, touch buttons
High/low pressure switch		2.8～2.4 MPa /0.05-0.15MPa	2.8～2.4 MPa /0.05-0.15MPa
Power cord specifications		（NSW2601） 3*1.5mm ²	（NSW2601） 3*1.5mm ²
Hot water yield		38L/h	54L/h
Max outlet water temperature		75℃	75℃
Running ambient temperature		- 10～43℃	- 10～43℃
Waterproof level		IPX4	IPX4
Noise level		≤ 48dB(A)	≤ 50dB(A)
Gross Weight/Net Weight		85kg	132kg
Outer tank material		Galvanized sheet painting	Galvanized sheet painting
Inner tank material		Enamel	Enamel
Inlet/outlet port size		G1/2"	G3/4"
Heat exchanger type		Microchannel heat exchanger	Microchannel heat exchanger
Built-in pressure protection		0.8MPa	0.8MPa
Auxiliary electric heating		2000W	2000W
Storage size		190L	300L
Packing Dimensions(L x W x H)		600*585*2350 （carton and pallet）	720*720*2070 （carton and pallet）

Notice:

1.The specification are based on the following conditions: DB/WB 20℃/15℃, Water temperature from 15℃ to 55℃, Applicable ambient temperature -10~45℃.

2.The data above is for reference only. The specific parameters are subject to product nameplate.

R134A HOUSEHOLD ALL IN ONE HEAT PUMP WATER HEATER

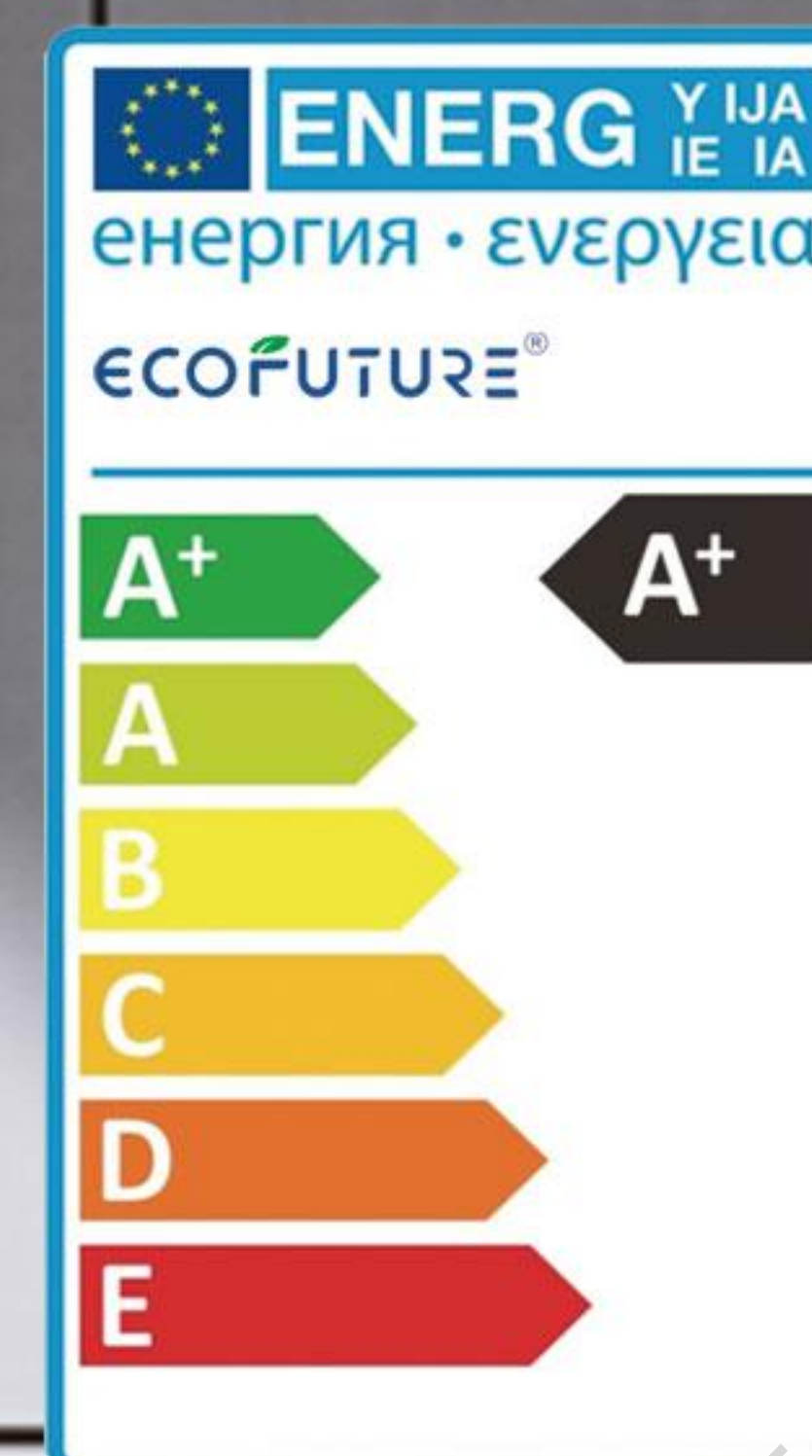
High heating energy efficiency:
The unit adopts heat pump principle, which absorbs heat from ambient air and releases it to the water to produce hot water. Seasonal water heating energy efficiency class ups to A.

CB CE ERP



R134A All-in-One Heat Pump					
Model	JHR18-150LD/YT/A	JHR18-200LD/YT/A	JHR25-300LD/YT/A	JHR16-200LD/YT/C	JHR25-300LD/YT/C
Product Dimensions	φ570*1515	φ570*1800	φ640*2020	φ570*1815	φ650*2010
Power supply	220V~240V/50Hz	220V~240V/50Hz	220V~240V/50Hz	220V~240V/60Hz	220V~240V/60Hz
Tank volume	150 L	200 L	300 L	200 L	300 L
Heating capacity	1800 W	1800 W	2420 W	1560 W	2450 W
Rated input power	470 W	470 W	623W	370W	640W
Maximum input power (include electrical heating)	2685 W	2685 W	2890 W	2670 W	3180 W
Maximum current	12.2 A	12.2 A	13.4 A	12.3 A	14.9 A
COP	3.82	3.82	3.88	4.22	3.83
Refrigerant	R134a	R134a	R134a	R134a	R134a
Compressor	GMCC	GMCC	Panasonic	HIGHLY	HIGHLY
Four-way valve	SHF-4	SHF-4	SHF-4	SHF-4	SHF-4
Throttling device	Electronic expansion valve	Electronic expansion valve	Electronic expansion valve	Electronic expansion valve	Electronic expansion valve
Evaporator	Hydrophilic aluminum foil and copper pipe	Hydrophilic aluminum foil and copper pipe	Hydrophilic aluminum foil and copper pipe	Hydrophilic aluminum foil and copper pipe	Hydrophilic aluminum foil and copper pipe
Fan Motor	YDK25/32	YDK25/32	YDK25/32	YDK-32	YDK-32
Fan	φ190	φ190	φ190	φ190	φ190
Wire controller	Digital screen, touch buttons	Digital screen, touch buttons	Digital screen, touch buttons	Digital screen, touch buttons	Digital screen, touch buttons
High/low pressure switch	3.0~2.4/0.01-0.15 Mpa	3.0~2.4/0.01-0.15 Mpa	3.0~2.4/0.01-0.15 Mpa	3.0~2.4/0.01-0.15 Mpa	3.0~2.4/0.01-0.15 Mpa
Power cord specifications	3m X 1.5mm ²	3m X 1.5mm ²	3m X 1.5mm ²	3m X 1.5mm ²	3m X 1.5mm ²
Heating rate	39 L/h	39 L/h	52L/h	33.5 L/h	52.5 L/h
Max outlet water temperature (heat pump mode)	70℃	70℃	70℃	70℃	70℃
Rated outlet water temp	55℃	55℃	55℃	55℃	55℃
Ambient temperature	-7~45℃	-7~45℃	-7~45℃	-7~43℃	-7~43℃
Waterproof level	IPX4	IPX4	IPX4	IPX4	IPX4
Sound Power Level	≤52 dB(A)	≤52 dB(A)	≤53 dB(A)	≤52 dB(A)	≤53 dB(A)
Housing Material	Powder coated galvanized steel	Powder coated galvanized steel	Powder coated galvanized steel	Powder coated galvanized steel	Powder coated galvanized steel
Water tank	Tank with enamel interior	Tank with enamel interior	Tank with enamel interior	Tank with enamel interior	Tank with enamel interior
Water connection size	G1/2"	G1/2"	G3/4"	G1/2"	G3/4"
Heat exchanger type	microchannel heat exchanger	microchannel heat exchanger	microchannel heat exchanger	Microchannel heat exchanger	Microchannel heat exchanger
Built-in pressure protection	0.8MPa	0.8MPa	0.8MPa	0.8MPa	0.8MPa
Auxiliary electric heating	2000 W	2000 W	2000 W	2000 W	2000 W
Accessory Bag	one G1/2 relief valve/Manuals/PT valve	one G1/2 relief valve/Manuals/PT valve	one G3/4 relief valve/Manuals/PT valve	one G1/2 relief valve/Manuals/PT valve	one G3/4 relief valve/Manuals/PT valve
Packing Dimensions(L x W x H) (carton and pallet)mm	645*645*1680	645*645*1970	740*740*2200	660*660*1950	720*720*2140
Net Weight	82 Kg	98 Kg	132 Kg	98 Kg	132 Kg
Operating ambient temperature	-7~45℃	-7~45℃	-7~45℃	-7~43℃	-7~43℃

Notice: 1.The specification are based on the following conditions: DB/WB 20℃/15℃, Water temperature from 15℃ to 55℃, Applicable ambient temperature -7~43℃.
2.The data above is for reference only. The specific parameters are subject to product nameplate.



WALL MOUNTED R290 CB CE ERP

All In One Heat Pump Water Heater (Top Blow)			
Model	JHR09-85LD/YT/A	JHR09-100LD/YT/A	JHR09-120LD/YT/A
Product Dimensions	(Φ520)520*545*1145mm	(Φ520)520*545*1235mm	(Φ520)520*545*1375mm
Power supply	220V~240V/50Hz	220V~240V/50Hz	220V~240V/50Hz
Tank volume	85 L	100 L	120 L
Heating capacity	930 W	930 W	930 W
Rated input power	215W	215W	215W
Auxiliary electric heating	1500W	1500W	1500W
Maximum input power (include electrical heating)	1875W	1875W	1875W
Maximum current	8.8 A	8.8 A	8.8 A
COP	4.33	4.33	4.33
Refrigerant	R290	R290	R290
Compressor	HIGHLY	HIGHLY	HIGHLY
Four-way valve	DSF-3	DSF-3	DSF-3
Throttling device	Electronic expansion valve	Electronic expansion valve	Electronic expansion valve
Evaporator	Hydrophilic aluminum foil and copper pipe	Hydrophilic aluminum foil and copper pipe	Hydrophilic aluminum foil and copper pipe
Fan Motor	RD45HK2	RD45HK2	RD45HK2
Fan	φ190	φ190	φ190
Wire controller	Digital screen, touch buttons	Digital screen, touch buttons	Digital screen, touch buttons
High/low pressure switch	3.2 ~ 2.6/0.02-0.1 Mpa	3.2 ~ 2.6/0.02-0.1 Mpa	3.2 ~ 2.6/0.02-0.1 Mpa
Power cord specifications	3m X 1.5mm ²	3m X 1.5mm ²	3m X 1.5mm ²
Heating rate	20 L/h	20 L/h	20L/h
Max outlet water temperature	75 ℃	75 ℃	75 ℃
Max outlet water temperature (heat pump mode)	65 ℃	65 ℃	65 ℃
Rated outlet water temp	55 ℃	55 ℃	55 ℃
Ambient temperature	-7~43 ℃	-7~43 ℃	-7~43 ℃
Waterproof level	IPX4	IPX4	IPX4
Sound Power Level	≤ 50dB(A)	≤ 50dB(A)	≤ 50dB(A)
Housing Material	Powder coated galvanized steel	Powder coated galvanized steel	Powder coated galvanized steel
Water tank	Tank with enamel interior	Tank with enamel interior	Tank with enamel interior
Water connection size	G1/2"	G1/2"	G1/2"
Heat exchanger type	Microchannel heat exchanger	Microchannel heat exchanger	Microchannel heat exchanger
Built-in pressure protection	0.8MPa	0.8MPa	0.8MPa
Accessory Bag	one G1/2 relief valve/Manuals	one G1/2 relief valve/Manuals	one G1/2 relief valve/Manuals
Packing Dimensions(L x W x H) (carton and pallet)	570*585*(1200+95)mm	570*585*(1290+95)mm	570*585*(1430+95)mm
Net Weight	57 Kg	61 Kg	67 Kg
Operating ambient temperature	-7~43 ℃	-7~43 ℃	-7~43 ℃

Notice:1.The specification are based on the following conditions: DB/WB 20℃/15℃, Water temperature from 15℃ to 55℃, Applicable ambient temperature -7~43℃.
2.The data above is for reference only. The specific parameters are subject to product nameplate.

Company profile

Zhejiang Jiadele Technology Co., Ltd. Established in 2000, who has been focusing on the hot water industry for 26 years. Our company currently has solar water heater business department and air source heat pump business department. Solar Water Heater Department has two advanced production lines, the main products are solar water heaters and solar collectors, annual output of 300,000 sets. Air Source Heat Pump Department specializes in the production of household/ commercial hot water air source heat pumps, northern heating air source heat pumps, household/ commercial swimming pool heat pumps, household/ commercial cooling and heating heat pumps, cooling and Heating and DHW heat pumps, all in one heat pumps etc., annual output of 200,000 sets.

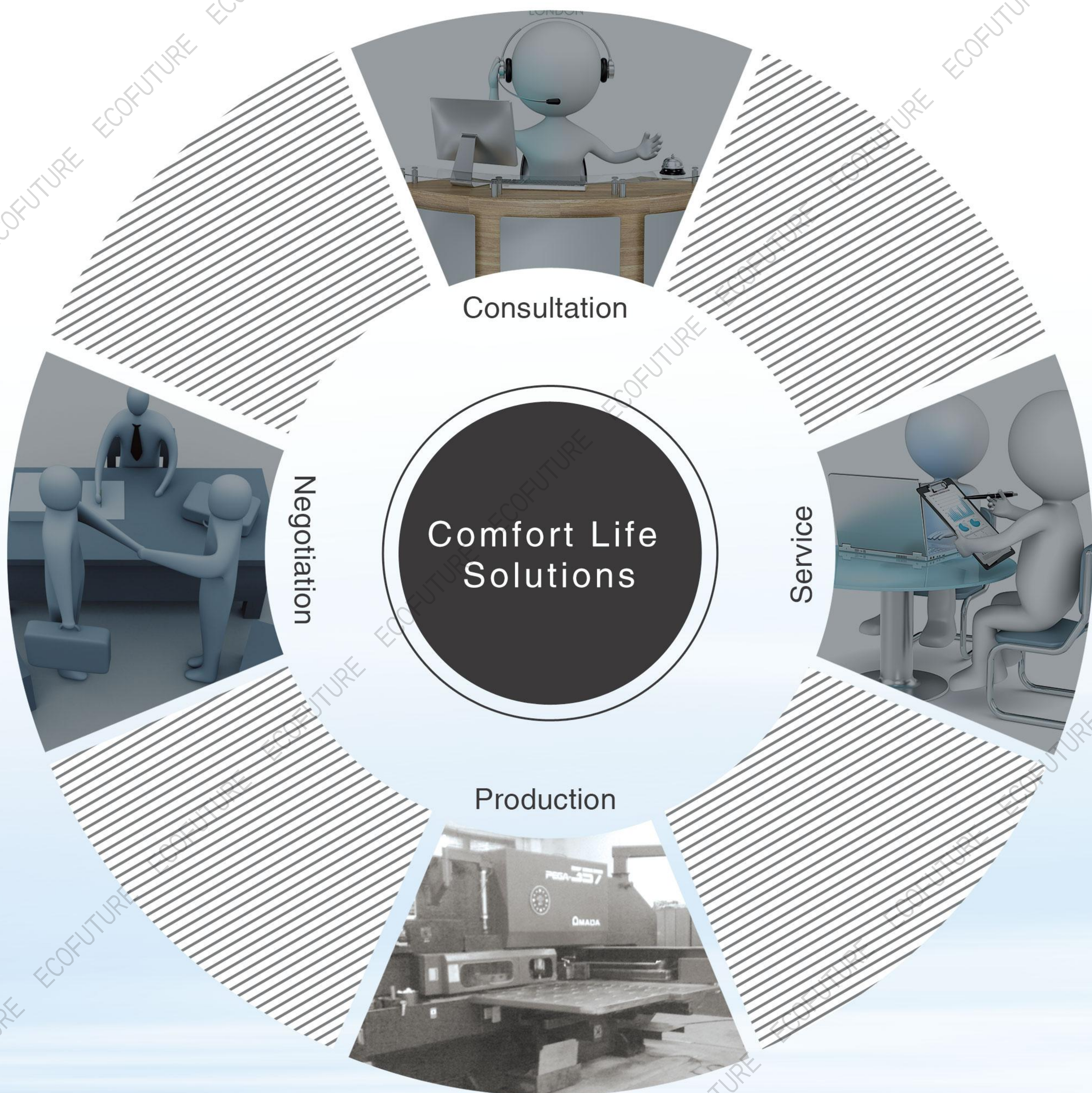
Our company provides solutions for customers in household/ commercial hot water, heating, heating and cooling systems projects, and is a national high-tech enterprise specializing in researching and development, production and marketing of solar water heaters and air source products. Our registered capital is 108 million rmb, the building area is 80,000 square meters, the annual sales value is more than 300 million rmb, 80% products are exported to more than 50 countries in the world. Jiadele foreign trade sales ranked No. 1 in the National Solar Industry from 2024. These years, Jiadele solar water heater department has passed EU mandatory CE certification, EU SolarKeymark12975/12976 certification, USA SRCC certification and Korea KS certification etc. Air Source Heat Pump Department has passed the national compulsory 3C certification, EU mandatory CE certification, EU ROHS certification, Australia SAA certification and other national compulsory certification. And our company obtained ISO-9001:2015 quality management system certification, ISO14001:2015 environmental management system certification and ISO45001:2018 occupational health and safety management system certification.

With the goal of "hot water life expert", our company constantly applies new materials and new technologies to ensure the perfect enjoyment of "JiaDeLe" excellent quality and make our contribution to energy saving and emission reduction.



Differentiation Strategy, Service is Core

Professional Power Solution Available



- ◎ Provide professional hot water project solutions to control costs and increase production efficiency
 - ◎ Improve the overall service level according to the continuous innovation of customers' requirement.
 - ◎ Cherish every opportunity to cooperate and solve your problem completely
- We will provide free, professional solutions and perfect one-stop service according to your requirement.