



Kitchen Hot Water/Shower Hot Water/Bath Hot Water/Washing Hot Water

INTEGRATED AIR SOURCE HEAT PUMP WATER HEATER CIRCULATING TYPE A01H

● Safety Integrated

Water and electricity separated design, imported PT safety valve, negative pressure valve, electricity leakage protection, to provide multiple effective protections of safety water using.

● Energy Saving Integration

Using special hydrophilic aluminum foil fin type heat exchanger, efficient inner thread copper tube, increasing the heat exchange area, and enhances the hydrophilic ability, reduces wind drag, makes the fin less ponding and less dirt retention, and ensures its long-term efficiency; multiple sensor measurement, intelligent defrosting to avoid mistakenly defrost, reduces heat loss when defrost and improves the unit energy efficiency.

● Intelligent Integration

Multiple sensors for temperature measurement, automatic heating cycle, regardless of weather conditions, could run in full day and full year, no need special care; realizing timing water supply & set temperature water supply according to user demands.



A01H series (home use circulating type)

CN/D-RYF-A01HCY01-130514

	A01H-150L3.5IH	A01H-200L5.0IH	A01H-300L7.0IH	A01H-500L9.0IH
Model	CKXRS-3.5IH	CKXRS-5.0IH	CKXRS-7.0IH	CKXRS-9.0IH
Power supply	220V/50Hz			
Rated heating output (W)	3500	5000	7000	9000
Rated produce water capacity (L)	75	108	150	193
Rated power (W)	900	1240	1710	2260
Rated current (A)	4.1	5.6	7.8	11.4
Max power (W)	1280	1630	2260	3110
Max current (A)	5.7	7.4	10.4	14.6
Water pump rated power (W)	100	100	130	130
Delivery lift (M)	≤3.5			
Rated outlet hot water temperature (°C)	55			
Max outlet hot water temperature (°C)	60			
Compressor	Fully closed rotor type			
Refrigerant	R410a/800g	R410a/1000g	R410a/1200g	R410a/1400g
Waterproof grade	IPX4			
Electric shock protection type	Grade I			
Noise[DB(A)]	≤53	≤53	≤55	≤55
Net weight (KG)	43	51	61	64
Unit dimensions (MM)	930×360×560	930×360×560	1000×360×630	1000×360×630
Water tank model	PW-150LH	PW-200LH	PW-300LH	PW-500LH
Nominal water tank volume (L)	150L	200L	300L	500L
Water side maximum pressure	0.8MPa			
Water side pressure loss	≤50KPa			
Pipe size	DN15	DN15	DN20	DN20
Numbers of user	3~4 people	4~5 people	6~8 people	10~13 people
Water tank size (MM)	φ 480 × 1460	φ 500 × 1540	φ 570 × 1720	φ 700 × 1940

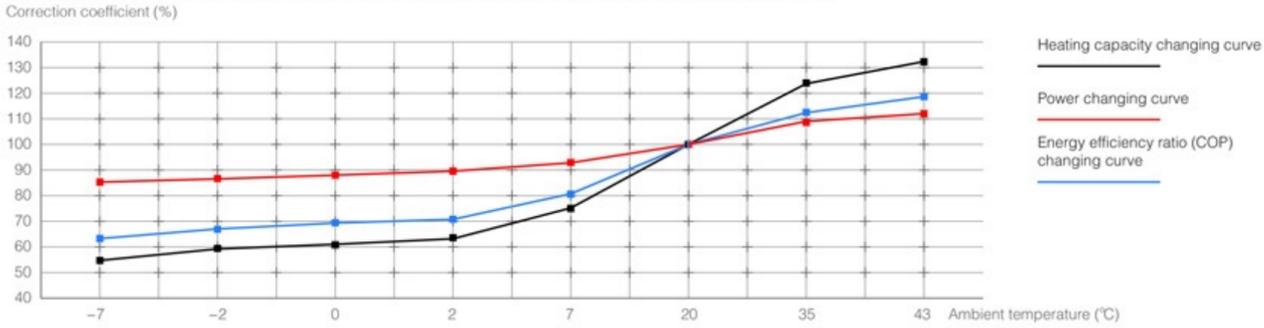
Note: 1. Testing working condition: use side initial water temperature: 15°C, setting water temperature: 55°C, dry-bulb temperature 20°C, wet bulb temperature 15°C.

2. The above model is our basic type, the final product may have some differences from it.

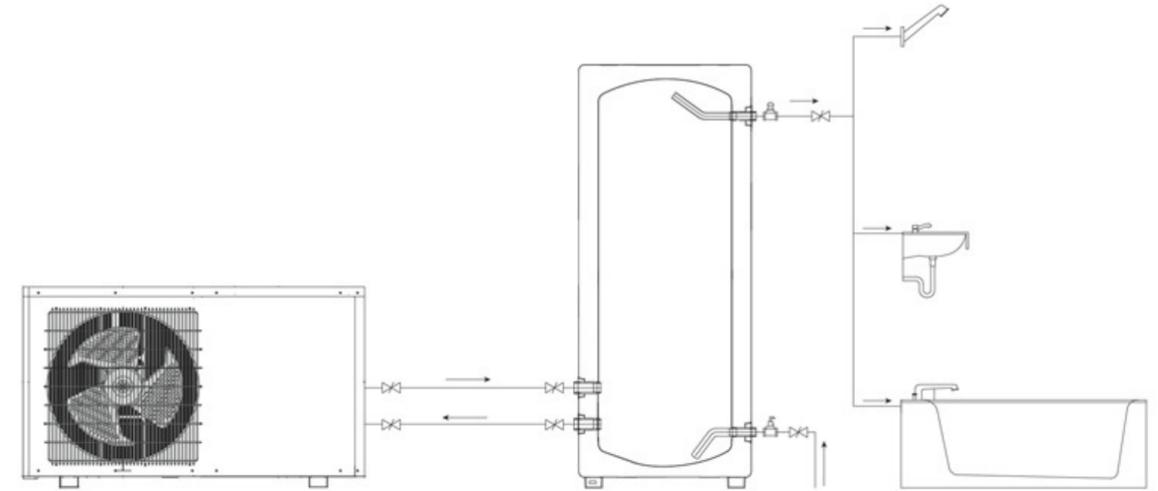
The product parameters may have some differences from the final product because of products updating, please refer to final product label when buy. Our company keeps the right to interpret.

Hot Water heating performance correction coefficient (%)								
Ambient temperature (°C)	-7	-2	0	2	7	20	35	43
Heating capacity (%)	55	59	61	63	75	100	124	133
Power (%)	86	87	88	89.6	93	100	109	112
Energy efficiency ratio (COP) (%)	64.0	67.8	69.3	70.3	80.6	100.0	113.8	118.8

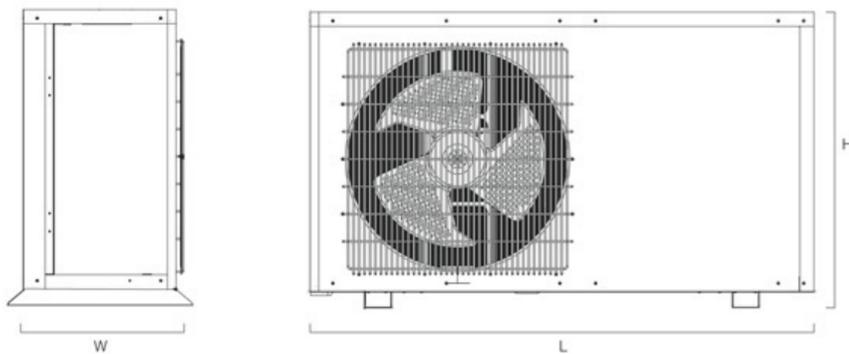
Hot Water heating performance correction coefficient changing curve



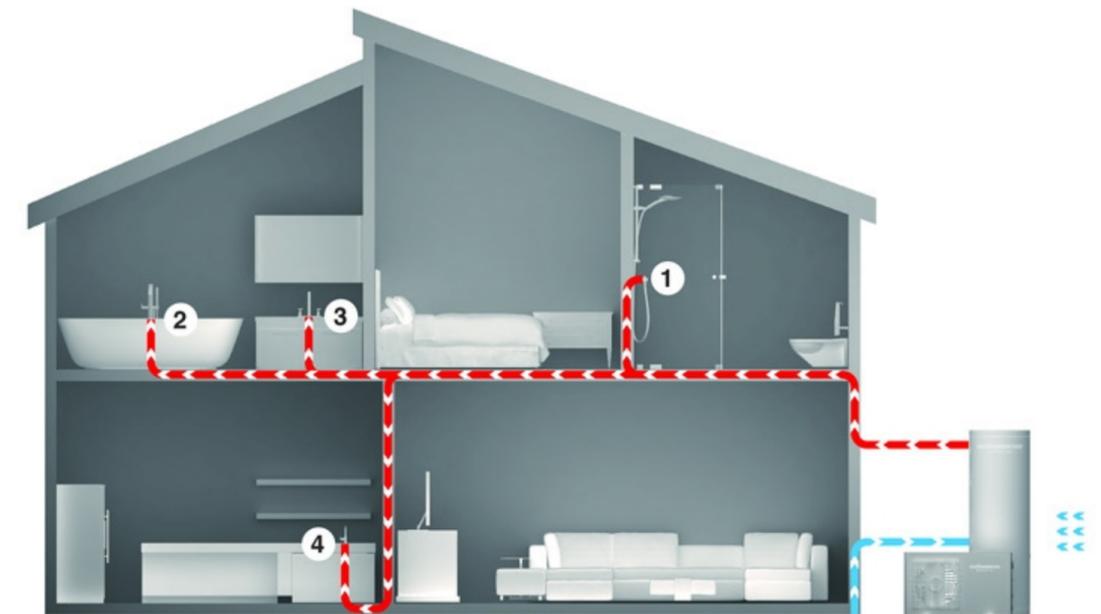
Running Chart



Product Dimensions



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Model	Dimensions (L x W x H)
A01H-150L3.5IH	930x360x560
A01H-200L5.0IH	930x360x560
A01H-300L7.0IH	1000x360x630
A01H-500L9.0IH	1000x360x630



- 1** Shower hot water
- 2** Bath hot water
- 3** Washing hot water
- 4** Kitchen hot water