

SPRSUN

ALL IN ONE

Hot Water Solutions

R290
Refrigerant



A Professional Heat Pump Manufacturer Since 1999



AquaHero Series

Air Source Hot Water
Heat Pump

A+

Energy Related Products

200L

Hot Water Tank

300L

Hot Water Tank

SPRING



Whole House
Hot Water



DC Inverter
Tech



Max. Outlet Water
Temperature



WIFI
Control



Super
Quiet



Reduce Energy
by up to 75%

ENERGY INNOVATION

DC Inverter Technology - Precision Energy Saving

- Enjoy Rapid, Powerful Heating
- Benefit from Substantially Lower Bills
- Achieve a Lighter Carbon Footprint

Save up to
75%
Energy

* Compared to Conventional Heating Systems.

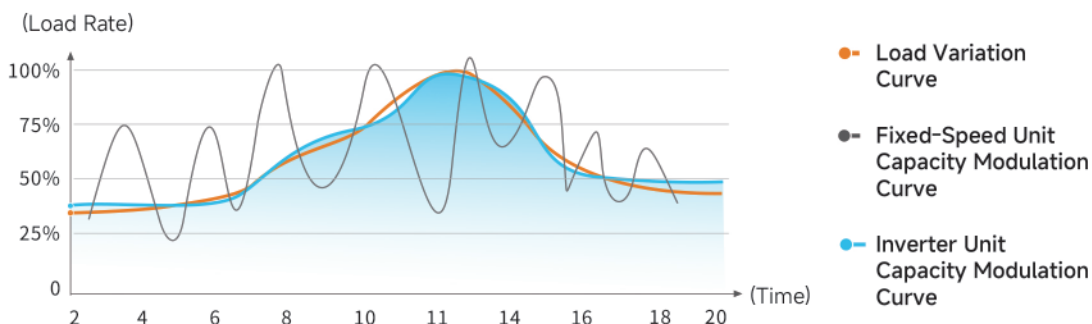
Fixed-speed Units

Frequent starts/stops ➤ Accumulates startup energy waste
Mechanical wear ➤ Reduces compressor lifespan
Rigid operation ➤ Higher overall energy consumption



Variable-speed Units

Continuous speed adjustment ➤ Precisely matches load demands
Stable operation ➤ Eliminates frequent start cycles
Long-term efficiency ➤ 30-50% energy savings in continuous operation



QUICK INSTALLATION

There is no outdoor unit and it can be safely placed anywhere in the home, paired with a user-friendly draw handles design for easy mobility and installation.



LONGER LIFESPAN



LONGER LIFESPAN

It uses enamelled water tanks and multiple anti-corrosion technologies for a longer service life.

CORROSION-RESISTANT HIGH-STRENGTH WATER TANK

Strict Quality Control Ensures
Long Service Life

Strict quality test

250,000 times pulse test:
0.85MPa

Pressure test

1.7MPa pressure value maintained
for 15 minutes, 2 times

Fatigue test

the inner liner full of water wall
hanging, more than 168 hours



MICROCHANNEL HEAT EXCHANGER TECHNOLOGY

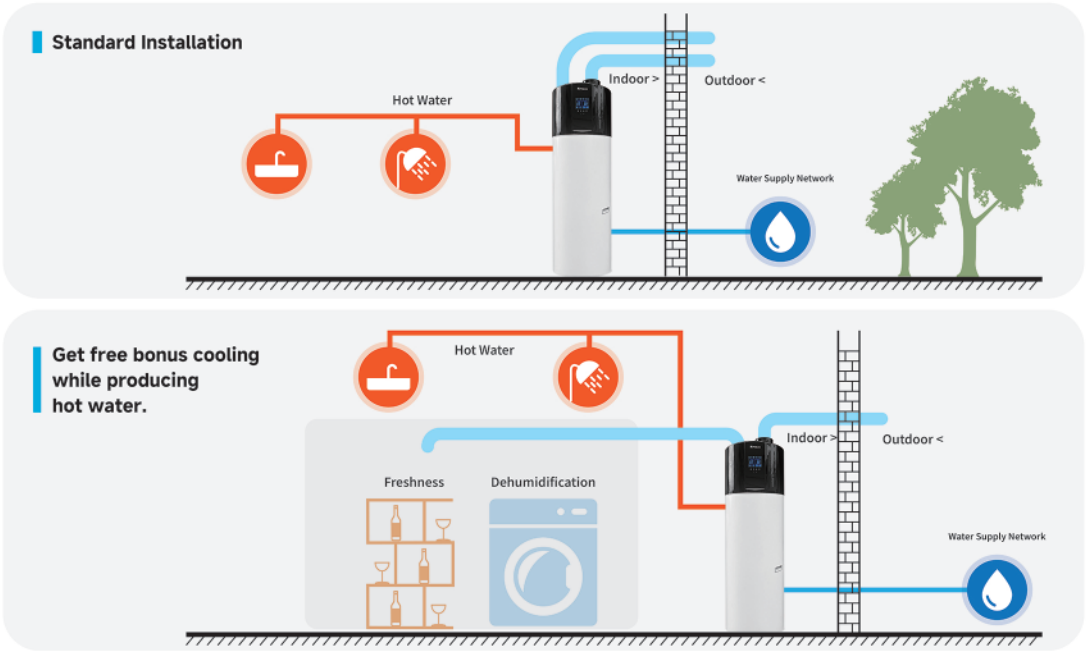
- No direct contact with water
– safer and healthier
- Higher efficiency: **10-30%** increase
in heat transfer performance



Tempered glass panel
LCD Touchscreen



INSTALLATION SKETCH



SPECIFICATION

Model		CGK010V4T200-A	CGK010V4T300-A
Power Supply / Refrigerant	V/Hz/Ph	220-240/50/1 - R290	
Rated Heating Capacity	kW	2.2	2.5
Rated Input Power	kW	0.55	0.59
COP	W/W	4.00	4.20
Electric Heating	kW	1.5	
Heating-up Time (Ambient 14°C / Inlet Water 13°C)	h	5.1	6.5
Max Operating Current	A	8.40	
Water Temp. Setting Range	°C	35~70	
Max. Water Outlet Temperature	°C	65	
Max. Outlet Temp. with E-heater	°C	75	
Ambient Operating Temperature	°C	-7~43°C	
Sound Power Level	dB(A)	54	56
Condenser	/	Microchanel heat exchanger	
Tank Type	/	Enamel	
Refrigerant / Charge Amount	g	R290/150	
Rated Hot Water Output	L/h	47	54
Refrigerant Pressure (Low/High)	MPa	1.0/3.2	1.0/3.2
Max Operating Water Pressure	MPa	1.0	
Rated Water Pressure	MPa	0.7	
Tank Volume	L	200	300
Net Dimension	mm	φ570*φ570*1810	φ640*φ640*2002
Net Weight	kg	99.5	135

Note: (1) Capacity and power input based on the following conditions: Ambient temperature 20°C, water temperature from 9°C to 55°C
(2) Noise is tested according to EN 12102 with water 55°C

The information in this document is just for reference. Since the continuous improvement and control in the production process, the information contained in this document may be subject to change. Please refer to the nameplate on the machine for model specifications.