

**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+

200L  
Hot Water Tank

300L  
Hot Water Tank



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

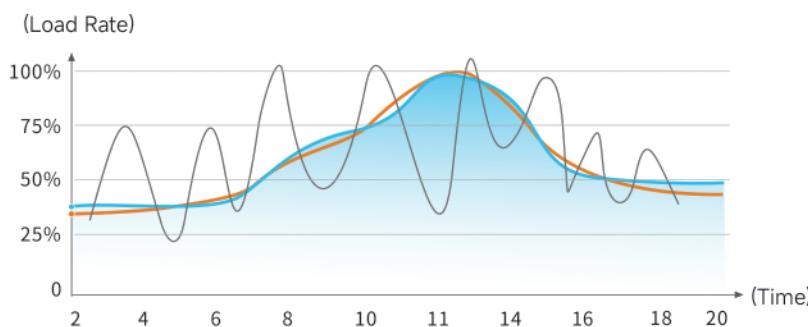
Rigid operation ➤ Higher overall energy consumption

### 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



● Load Variation Curve

● Fixed-Speed Unit Capacity Modulation Curve

● Inverter Unit Capacity Modulation Curve

### 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



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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



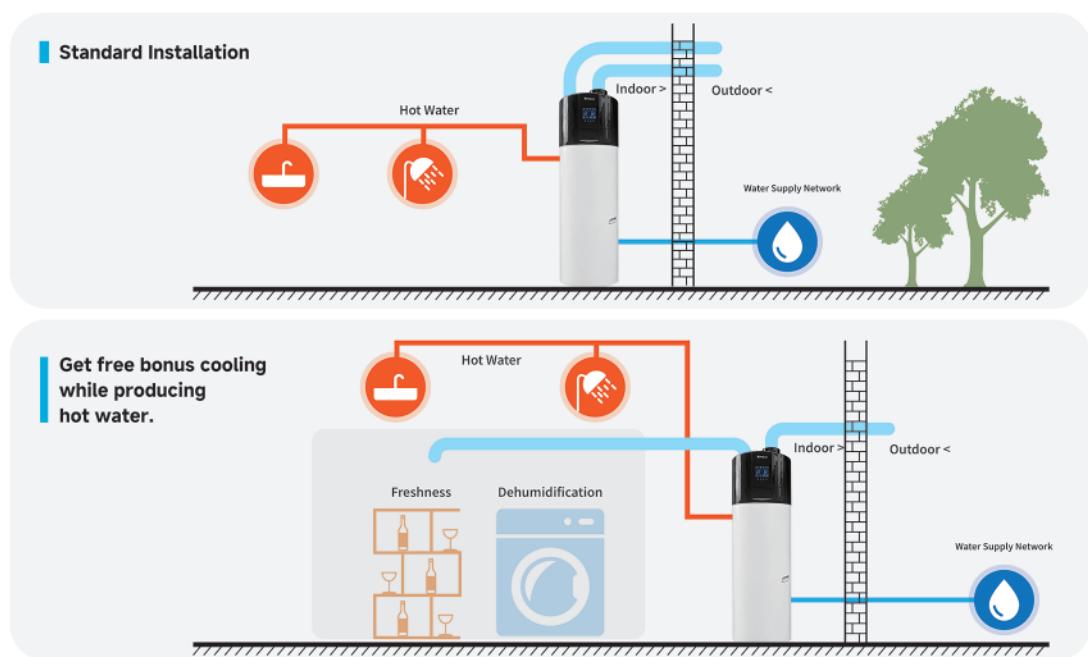
## MICROCHANNEL HEAT EXCHANGER TECHNOLOGY

- 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	/	Microchannel 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.