SPRSUN

ALL IN ONE
Hot Water Solutions

R290
Refrigerant



A Professional Heat Pump Manufacturer Since 1999


R290
ECO Friendly
AquaHero Series
Air Source Hot Water Heat Pump
A+
Energy Related Products
200L
Hot Water Tank
288L
Hot Water Tank
SPRSUN
Whole House Hot Water
DC Inverter Tech
75°C
Max. Outlet Water Temperature
Wi Fi
WIFI Control
44
(1m) db(A)
Super Quiet
75%
Reduce Energy by up to 75%

ENERGY INNOVATION

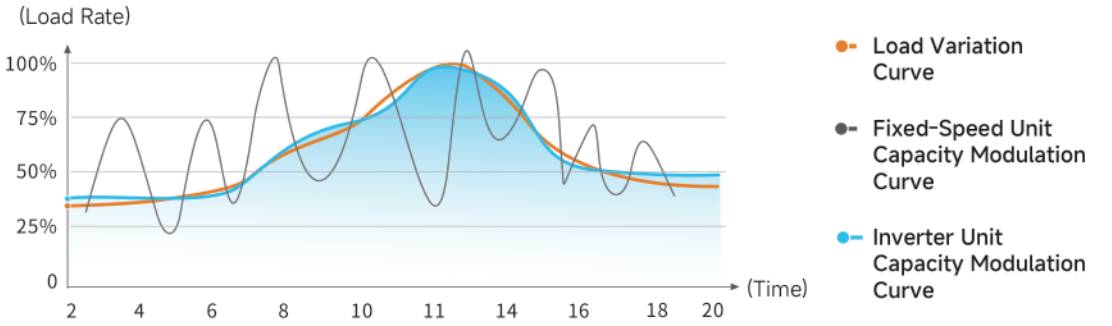
DC Inverter Technology - Precision Energy Saving

- 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		Variable-speed Units
Frequent starts/stops ➤ Accumulates startup energy waste	VS	Continuous speed adjustment ➤ Precisely matches load demands
Mechanical wear ➤ Reduces compressor lifespan		Stable operation ➤ Eliminates frequent start cycles
Rigid operation ➤ Higher overall energy consumption		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

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

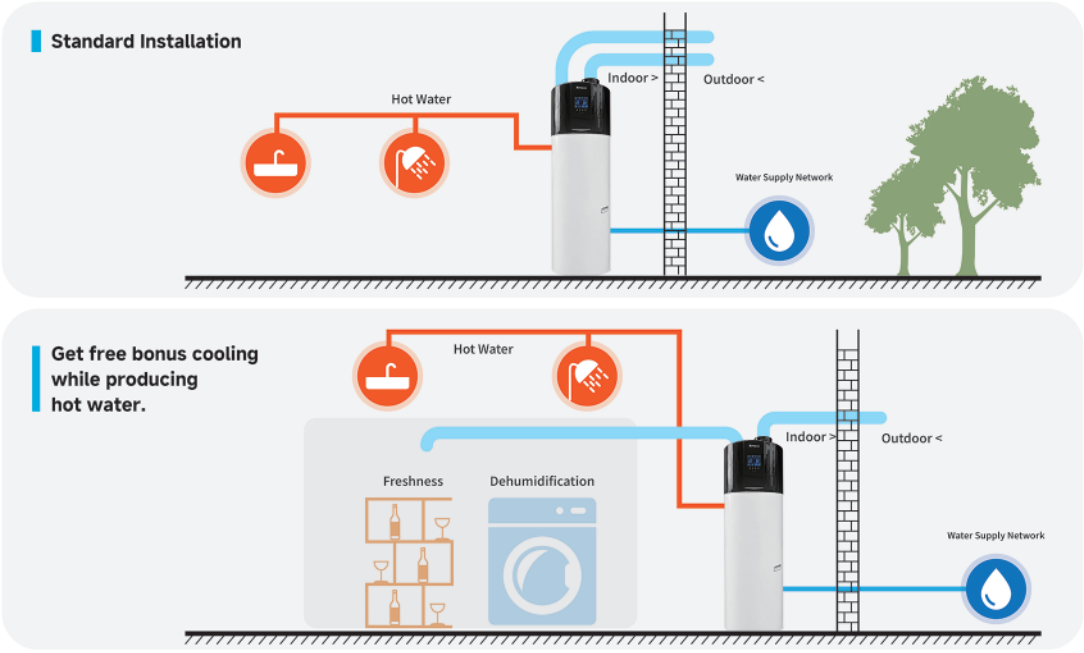
the inner liner full of water wall hanging, more than 168 hours



MICROCHANNEL HEAT EXCHANGER TECHNOLOGY



INSTALLATION SKETCH





SPECIFICATION

Model		CGK010V4T200-A	CGK010V4T300-A
Power Supply / Refrigerant	V/Hz/Ph	220-240/50/1 - R290	
Rated Heating Capacity	kW	2.5	3
Rated Input Power	kW	0.56	0.68
COP	W/W	4.40	
Electric Heating	kW	1.5	
Heating-up Time (Ambient 14°C / Inlet Water 13°C)	h	5.1	6.5
Max Operating Current	A	9.04	9.50
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)	55	59
Condenser	/	Microchanel heat exchanger	
Tank Type	/	Enamel	
Refrigerant / Charge Amount	g	R290/150	
Rated Hot Water Output	L/h	54	65
Max. Exchanger Working Pressure	MPa	3.2	
Max Operating Water Pressure	MPa	1.0	
Rated Water Pressure	MPa	0.7	
Tank Volume	L	200	288
Net Dimensions	mm	φ570*1810	φ640*2002
Net Weight	kg	99.5	135

Note: (1) Capacity and pawer input based on the following conditions:Amibient temperature 20°C, water temperature from 15°Cto 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.

SPRSUN

www.sprsun.com

Guangzhou SPRSUN New Energy Technology Development Co., Ltd.

No.15 Tangxi Road, Yinsha Industrial Park, Xintang, Zengcheng ,
Guangzhou. Guangdong, China, 511338
Tel: 0086-20-8218 1867 Mobile/WhatsApp: 0086-189 3398 5692
Email: inquiry@sprsun.com

e-Catalogue

FLY09-2601V2