

Shenzhen Xinguifeng Technology co., Ltd.
www.smartooo.com

Xinguifeng, a China factory with ISO9001 specialized in fan coil cooling / underfloor heating smart thermostat, fresh air thermostat for 7 years.

With in-house SMT, testing, package and R&D. Accept ODM & OEM with low MoQ and one-stop service.

General Dynamics, Royal Service, Panasonic, AMX Air, and CSCEC are among our trusted customers.



Shenzhen Xinguifeng Technology co., Ltd



HONORS AND QUALIFICATIONS

honor qualification

certificate



Honorary awards



Central air conditioning key class



Optional product functions

- standard 86 box installation.
- Large screen LCD display in Chinese and English
- Set temperature and indoor temperature are displayed at the same time.
- Display heating or cooling, wind speed or clock.
- Adopt high reliability single chip microcomputer, stable
- The relay is used as the output control device with high reliability.
- Blue screen backlight, infrared remote control function (optional)
- Network communication function, which can realize centralized control and billing management (optional)
- Temperature calibration function.
- Power failure memory function
- Sleep mode can automatically change the temperature setting.
- Sleep mode can automatically change the temperature setting.

Product parameter

Power supply voltage	AC220V,50/60HZ	load power	200W
temperature sensor	NTCthermal resistor	show:	LCD
load current	3A	shell:	PC+ABS antflaming
Control accuracy	±1℃	outline dimension:	86*86*13mm (W * h* t)
Self-consuming power	<1W	Installation hole spacing:	60mm (standard)
Temperature setting	5~35℃	Fourth speed:	High, medium, low, automatic

Product list



XFG-705



XFG-801



XFG-805



XFG-806



XFG-807



XFG-808

Remarks: All appearances support color customization and function customization.

Central air conditioning touch control model



Optional product functions

- Two-tube liquid crystal thermostat
- Four-tube liquid crystal thermostat
- Remote control function
- Graffiti WIFI thermostat
- Graffiti ZIGBEE thermostat
- Uncontrolled fan
- Host linkage
- 10A high power
- 485 communication centralized control
- Air conditioning and floor heating in one
- DC brushless thermostat

Product parameter

Power supply voltage	AC180-260V, 50/60HZ	load power	200W
temperature sensor	NTC thermal resistor	show	LCD
load current	3A	shell	PC+ABS antiflaming
Control accuracy	±1°C	outline dimension	86*86*13mm (W* h * t)
Self-consuming power	<1W	Installation hole spacing	60mm (standard)
Temperature setting	5~35°C	Fourth speed	High, medium, low, automatic

Product list



XFG-8969



XFG-8918 black



XFG-8929-01



XFG-8929-02



XFG-8905



XFG-8939



XFG-8940



XFG-8918 white

Remarks: All appearances support color customization and function customization.

Water/electric floor heating series thermostat



Electric floor heating



Hydronic systems

Electric floor heating series

- Any model can be customized.
- Multifunctional liquid crystal display thermostat
- Advanced programming (setting) functions: sensor selection, rest day selection.
- Preheating and accurate temperature measurement
- Weekly programming period heating control, timing switch
- With clock, remote control and blue backlight.
- The maximum power can reach 25A (about 5500W).

Hydronic systems series

- Any model can be customized.
- Multifunctional large screen liquid crystal display indoor temperature controller
- Control normally open/normally closed electric heater
- Weekly programming heating control, timing switch
- With clock, remote control and blue backlight.
- The maximum power can reach 3A.

Product parameter

temperature sensor	NTC thermal resistor	Power supply voltage	AC220V, 50/60Hz
Control accuracy	±1℃	Self-consuming power	<1W
Temperature setting	5~45℃	Hydronic load current	Hydronic systems load
indication range	0~50℃	E-heating load current	3A (Resistive load) , 1A (Inductive load)
working environment	0~45℃	Terminal	25A terminal: it can connect 2*1.5mm or 1*2.5mm wires.
display	LCD	shell	PC+ABS flame retardant
humidity	5~95%RH (No condensation)	outline dimension	86*86*13mm (Width * height * thickness)

Product list

Electric floor heating series



XFG-8969



XFG-8918



XFG-8929-01



XFG-8929-02

Hydronic systems series



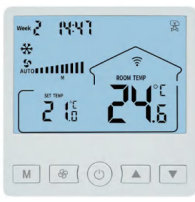
XFG-8905



XFG-8918



XFG-805



XFG-705

Remarks: All appearances support color customization and function customization.

Fresh Air Temperature Controller series



Optional product functions

- Any model can be customized.
- Multifunctional large screen liquid crystal display thermostat
- Advanced programming (setting) function: sensor selection and rest day selection are the highest.
- Preheating, temperature measurement accuracy correction
- Heating control in weekly programming period, time switch machine
- With clock, remote control and blue backlight.
- The maximum power can reach 25A (about 5500W).

Adapted model



Total heat exchange new fan

Bidirectional flow fresh fan

Unidirectional fresh air blower

Product parameter

voltage	AC220V10A high power	outline dimension	86X 86 X 13mm (Width x height x thickness)
temperature-sensing element	NTC	Installation distance	60mm (standard)
Temperature control accuracy	±1C	Connection mode	Terminal crimping
Temperature setting range	5-35C	Wire thickness	0.5-2.5m ²
Self-consuming power	<1W	working environment	0-45C, 5-95%RH (No condensation)
sheathing material	PC+ABS (antiflaming)	storage temperature	-10 °C -55 °C

Product list



XFG-8969 (new air)



XFG-8918 (new air)



XFG-8929-01 (new air)



XFG-8929-02 (new air)



XFG-8905 (new air)



XFG-8918 (new air)



XFG-705 (new air)



XFG-801(new air)

Remarks: All appearances support color customization and function customization.

Thermostat for North American HVAC System



- Power Supply: Hardwire 30 VAC, 50/60Hz (Class II circuits per NEC)
- Temperature Display Range: 32 – 99°F (1 – 40°C)
- Control Range: 44 – 90°F (7 – 32°C)
- Connectivity: RF 433MHz wireless pairing
- Swing Setting: Heating & Cooling 0.2 – 2.0°F adjustable
- Compressor Delay: 5-minute short-cycle protection
- Wire Spec: 18 – 22 AWG thermostat wire
- Dimensions: 120.4 × 111.72 × 28 mm
- Compatibility: Single-stage heat/cool, gas/oil/electric furnaces, heat pumps, PTAC, geothermal systems

Wired or WIFI two version for option



Input: Voltage: Millivolt to 30 VAC/DC DC Power: 3 volts (2 "AA" alkaline batteries not included)
 Output: Maximum: 1 amp per terminal (3 amp total for all terminals)
 Temperature control ranges: 54°F to 90°F (12°C to 32°C) Accuracy: + 1°F (0.5°C)
 Differential range: -4°F to 4°F (0.5°C to 2.5°C)
 System configurations: Single-stage heat, single-stage cool, gas, oil, or electric
 Terminations: RC, RH, W, Y, G

Thermostat for Wireless Home Boiler / Air Source Heating pump

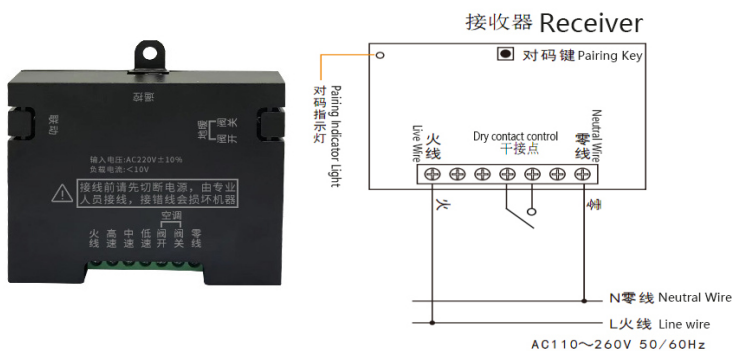


Transmitter SPECIFICATIONS

Power Supply: 2pcs AAA batteries (User-supplied) White backlight, TN display
 screenControl Mode: RF 868MHzRoom
 Temperature Display Range: 0°C~99°C
 Temperature Control Accuracy: $\pm 0.5^{\circ}\text{C}$ Working
 Temperature Range: 0~50°C; Humidity Range: 5
 ~95%RH (non-condensing), Transport
 temperature range: -20~65°CInstallation Method:
 Desktop Stand. Wall mounting is optional
 (European Round Box 60×60mm,
 Installation Hole Dimension 50-60mm).

Transmitter FEATURES

Control modes: Manual mode, Auto mode
 (7-day weekly programming), Sleep
 modeChild lockAnti-frost ProtectionWindow
 open detection (Software) Collect room
 temperature and set temperature control
 Parameter setting in engineering modeRF
 868MHz communication
 controlCommunication alarm, temperature
 sensor alarm, output feedback reminderSet
 temperature range: 16~30°C, factory
 default: 24°C



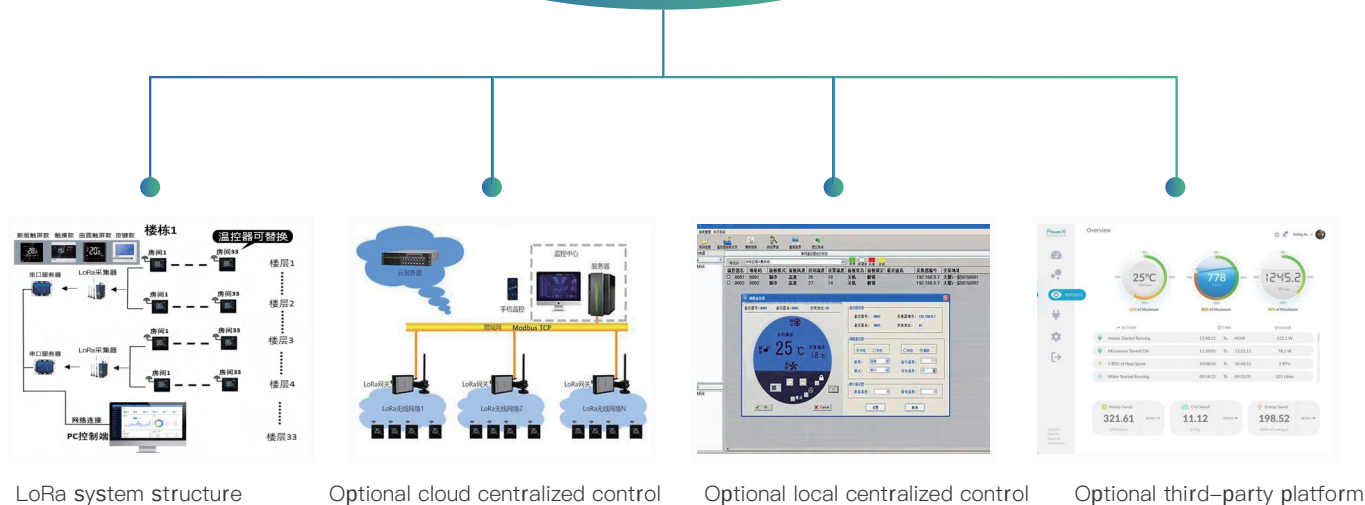
Receiver Technical Specifications

Power Supply Voltage: AC 110-220V, 50/
 60Hz
 Dry contact control, maximum 10A
 Communicates with the transmitter at
 868MHz
 Tuya 2.4G WiFiCompatible with Alexa and
 Google Home Assistant voice control

Wireless thermostat series

There are about 5,500 sets of independent LoRa thermostats in the project. Each set of thermostats is connected to the local LAN through wireless LoRa, and the data is stored, processed and analyzed through the local server, which can realize batch or single operation control of buildings, floors and classrooms (each collector collects two-story equipment, and each serial server corresponds to one LoRa collector).

产品集中控制功能 Centralized control of products



Product parameter

Power supply voltage	AC220V,50/60HZ	load power	200W
temperature sensor	NTC thermistor	show	LCD
load current	3A	shell	PC+ABSantiflaming
Control accuracy	$\pm 1^{\circ}\text{C}$	outline dimension	86*86*13mm (W* h * t)
Self-consuming power	<1W	Installation hole spacing	60mm (standard)
Temperature setting	5~35 $^{\circ}\text{C}$	Fourth speed	High, medium, low, automatic

product line



Customizable



Two-way wireless



No wiring



high-precision



self-develop



WIFI remote control



8918-LORA



433 bidirectional wireless



Concealed type



2.4G wireless

Remarks: The appearance of the thermostat panel can be matched at will.

Wireless switch of pipeline fan



No.7 battery wireless switch

- Flame-retardant shell
- Through-wall control
- Remote remote control
- Two-gear adjustable
- Various styles of casual stickers



Wireless switch zero fire version

- Two speeds
- 10.5 m/min large air volume
- **Weather-resistant PP material**
- Various styles and convenient installation
- Pure copper double bearing motor is environmentally friendly and efficient.

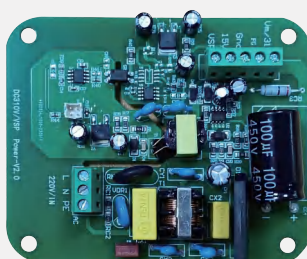


Remote control speed regulation of pipeline fan

- Random stickers, no wiring
- No wall smashing, flame-retardant shell
- Through-wall control
- Two-gear adjustable
- Various styles and convenient installation.

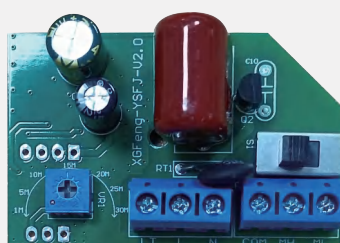
Product parameter

product name	Wireless switch L/N version	operating voltage	AC110V250V, 50HZ-60HZ
outline dimension	86×86×10mm (Casual post)	ambient temperature	30-70 C, less than 90% humidity
outline dimension	24×14×25mm (receiver)	Remote control frequency	433.92MHz
Standby power	<0.35μA	rated load	<300W
Service life	100,082 operations		



Inclined flow fan drive plate

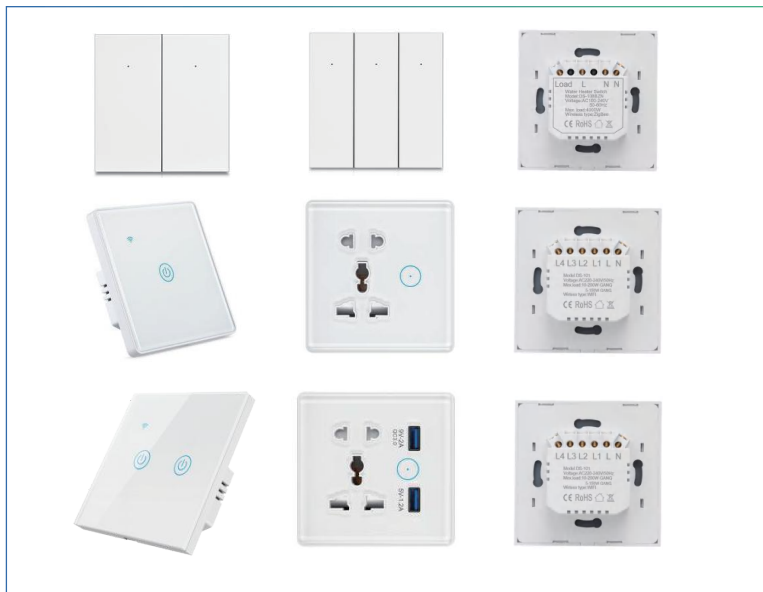
- model: RX-EC-V6.0
- Function: Drive high-voltage three-phase DC brushless motor and drive governor.
- rated voltage: 120V-220V
- rated frequency: 50HZ-60HZ
- Input voltage range: 100V-240V
- Isolated terminal output voltage: 12V±2%
- Working humidity: 30%-90%
- Working temperature: -10°C-85°C
- rated power: 70W
- Working humidity: 30%-90%
- Working temperature: -10°C-85°C



Delay board

- Delay-controllable on/off
- The time is adjustable from 1 to 30 minutes.

Wireless intelligent switch

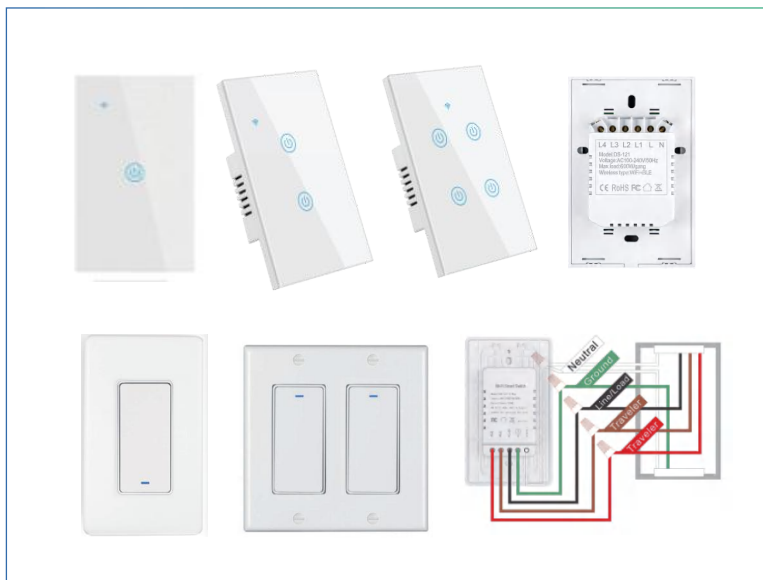


Remarks: All appearances support color customization and function customization.

XFG-1011 (Single zero fire universal)

Product parameter

- Product specifications: 1 /2 /3 road
- Appearance color: white/black/gold/gray
- rated voltage: 100-240V AC 50-60Hz
- Networking mode: zigbee/wifi/matter/homekit
- rated power: 600W/road
- product size: 86*86*35mm (European/British/national standards)
- Packing size: 106*100*51mm
- Working humidity: 30%-90%
- Working temperature: -10°C-85°C
- rated power: 70W
- Convenient installation



Remarks: Easy-to-micro switch needs to be customized in batch.

XFG-1011 (Single zero fire universal)

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- rated voltage: 100-240V AC 50-60Hz
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- Convenient installation



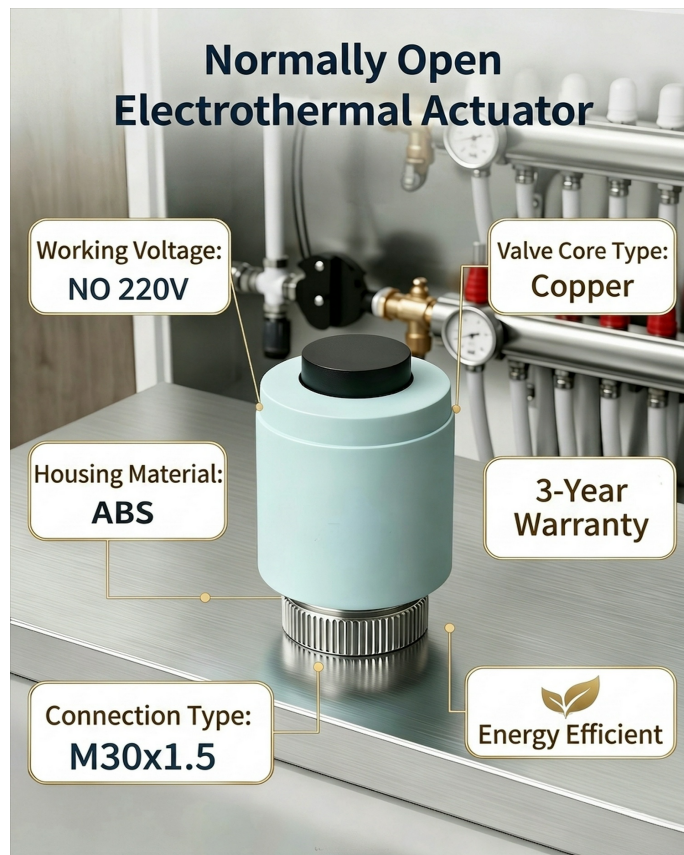
Remarks: All products support color, packaging, screen printing and other personalized customization.

Mini zero-fire breaker

Product parameter

- Worldwide
- Can be put into the switch cassette
- Homekit Direct connection
- Two-way switch
- product size: 41 * 41 * 20mm
- Packing size: 41.5*42.5*23mm
- Net weight of product: 37g

Electrothermal Thermal Actuator | Silent IP45 Floor Heating Manifold Actuator



Dedicated to intelligent home temperature control equipment

Shenzhen Great Peak Electronic Technology Co., Ltd. is a company dedicated to professional intelligent panel control, which integrates research and development, system scheme design, manufacturing, sales expansion and all-round technical services. Since its establishment in 2019, the company has been committed to integrating intelligent technology into daily life. Its products and services cover many frontier fields such as smart hotels, smart home systems, central air conditioning, fresh air ventilation and wireless intelligent switches.

Covering an area of 3,000 square meters, the company has gathered a core force composed of five professional R&D personnel and a strong team of more than 100 high-quality employees. We not only passed the ISO9001 international quality management system certification, but also won the title of national high-tech enterprise, and have a number of design and research patents, demonstrating the company's outstanding strength in technological innovation and quality assurance.

In terms of partners, we have established long-term and stable cooperative relations with many well-known brands such as Panasonic, Emmett, Shanghai Tongsheng, Zhongke Electric and China Zhongjian. Our successful cases are all over the country, including Shanghai Ruijin Hospital, Nanjing Party School, Beijing Petroleum University, Shenzhen Customs Building, Xianyang Affiliated Hospital and Jiangmen wanda plaza.

Great Peak Technology always adheres to the design concept of lean manufacturing and continuous improvement, adheres to the product quality concept of "quality is the foundation of enterprise survival", and is committed to providing excellent products and meticulous services to every customer, and working together to create a smarter, more comfortable and more convenient life.

深圳市新贵峰科技有限公司

Shenzhen Xinguifeng Technology Co., Ltd

📍 Floor 3, Building B3, Zone B, Yuhong Industrial Park, No. 2

0 Xingye West Road, Shajing Street, Baoan

District, Shenzhen

☎ 008617704055988

✉ Email: sales@smartooo.com

Whatsapp: +85254138803

wa.me/85254138803
WhatsApp Business Account



+8617704055988
Wechat account

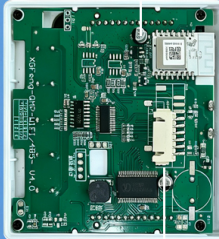


Why Choose Us?

Core Product Advantages



One extra capacitor



SMD components feature more stable craftsmanship and superior structural strength

Xinguifeng



Tempered Glass Panel

High transparency, scratch & wear resistant, anti-yellowing & anti-aging



Lead-free Eco Craft

Non-toxic, safe for home use



Dual Capacitor Design

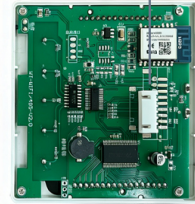
Voltage buffering, stable performance, low failure rate



Full CE & RoHS Certifications

Fully compliant for overseas export

Terminal insert parts tend to fall off easily



Other competitors

Ordinary Plastic Panel

Easy to scratch & age, cheap look, short lifespan

Unfriendly Raw Materials

Contains hazardous residues, fails eco standards

Single Capacitor Cost-down

Unstable circuit load, frequent breakdowns

No International Certifications

Unverified, hidden safety risks

Core Company Strengths



Xinguifeng



ISO9001 Certified



Standardized quality control system, full-process quality supervision



High-tech Enterprise



Self-developed circuit solutions with solid technical strength



CE & RoHS Dual Certification



Compliant with global environmental standards for safe use

Other competitors



Unstandardized Production

Unstable output, unreliable delivery time & product quality



Lead-containing Inferior Craftsmanship

VS

Excessive heavy metals in raw materials, posing long-term health risks



VS

No CE/RoHS Certifications

Fails international environmental standards, unavailable for overseas sales