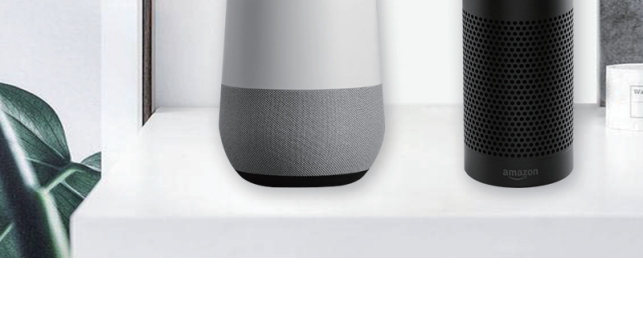


AE-613-BOILER-WIFI Wireless gas boiler thermostat User guide



"Alexa, turn on the floor heating in the bedroom."

"Alexa, set bedroom to 25 degree."



welcome

Thank you for your trust and support.
We have incorporated advanced technology and impeccable craftsmanship to ensure that your new temperature controller will provide you with the perfect temperature environment every day, making your life more comfortable and your living space more stylish and beautiful.
For detailed instructions on installation and use of this temperature controller, please carefully read this manual.
Please consult a professional to install the temperature controller for you, and ensure that the installation and use of this product comply with the applicable laws.

Application

The intelligent digital thermostat is suitable for room temperature control and household temperature control underfloor heating systems. It controls the operation status of the underfloor heating equipment by sensing the ambient temperature and comparing it with the set temperature. It aims to improve comfort while achieving energy efficiency.
The digital thermostat adopts microcomputer control technology with a full-screen display and touch buttons. It is elegantly designed, user-friendly, and easy to operate. The thermostat features manual and automatic functions, one-key energy-saving mode, programmable functions, and status memory function. It can be switched between Celsius and Fahrenheit and includes weather reports. The wireless transmission distance can reach 300 meters with ultra-low power consumption and supports USB charging.

Standard accessories

Product host	Signal line	Charging cable	Set screw	Product certificate	Specification

Appliance specifications.

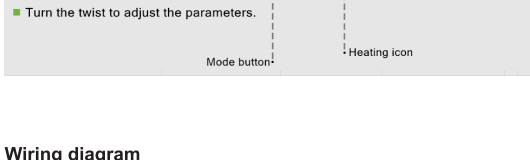
Launch panel specifications	Product dimensions:	118*24*86
	Power supply mode:	3 alkaline batteries /usb cable
	Setting range:	5°C~60°C
	Operating environment:	5°C~50°C
	Temperature control accuracy:	0.1°C
	Liquid crystal display:	LCD VA color screen
	Shell material:	Flame retardant PC/ABS V0 grade
	Protection level:	IP20
	Self-consumption power:	1W
	Transmission distance:	≤300M
Receiver specifications	Wireless frequency:	433MHz
	Product size:	86*86*26 (MM)
	Power supply mode:	AC : 90V~240V 50~60HZ
	Working environment:	5°C~50°C
	Shell material:	Flame retardant PC/ABS V0 grade
	Protection level:	IP20
	Self-consumption power:	1W
	Load current:	3A
	Transmission distance:	≤300M
	Wireless frequency:	433MHz

Appearance size

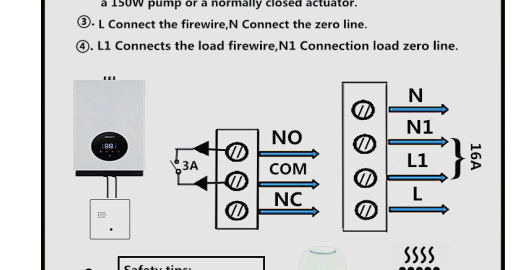
Launch panel size	Receiver size

Installation position of the thermostat

The distance between the thermostat and the receiver is not more than 100 meters



Display icon description



Wiring diagram

wiring diagram:

- ①. COM and NO Connect the gas boiler signal line (Dry contact) .
- ②. If COM introduces a live wire (L), NO can be connected to a 150W pump or a normally closed actuator.
- ③. L Connect the firewire,N Connect the zero line.
- ④. L1 Connects the load firewire,N1 Connection load zero line.

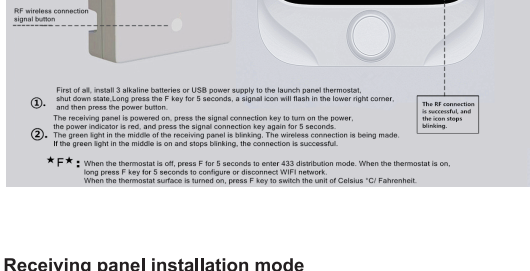


Safety tips:
Wiring requires professional electricians,
Power off operation cables

actuator

Electric heating

Radio frequency connection process



- ①. First of all, install 3 alkaline batteries or USB power supply to the launch panel thermostat, shut down state. Long press the F key for 5 seconds, a signal icon will flash in the lower right corner, and then press the power button.
- ②. The receiving panel is powered on, press the signal connection key to turn on the power, the power indicator is red, and press the signal connection key again for 5 seconds. The green light in the middle of the receiving panel is blinking. The wireless connection is being made. If the green light in the middle is on and stops blinking, the connection is successful.

★F★: When the thermostat is off, press F for 5 seconds to enter 433 distribution mode. When the thermostat is on, long press F key for 5 seconds to configure or disconnect WiFi network. When the thermostat surface is turned on, press F key to switch the unit of Celsius °C/ Fahrenheit.

Receiving panel installation mode

Transmitting panel power supply mode

1. Remove the clasp, Load up three number five batteries, (Note the positive and negative poles) Close the back cover.
2. Safe and convenient USB power supply (Type-C interface)

3. Use a flat-mouth screwdriver to open the upper cover and lower cover.
4. Operated by professional electricians, Insert the cable in the direction of the screwdriver.

5. Bring the wire into the terminal connection, Tighten it with a screwdriver, After confirming that nothing is loose, Close the back cover.

Note: The inserted wire should not touch and press the spring.

Operation instruction

1. On/Off
2. Press the mode key to switch between manual and automatic modes.
3. In automatic mode, turning the encoder to adjust the temperature will enter automatic temporary mode, which only runs for a period of time.
4. In the startup state, long press the switch button to adjust the time and date, switch the mode key, and rotate the encoder to adjust parameters.
- Note: WiFi time will automatically get Internet time.
5. When the child lock is on, press the Shutdown and Mode keys for the same time to enable or disable the child lock.
6. Hold down the F key while the WiFi is on.
7. Long press the mode key (to enter Advanced options) to rotate the encoder to adjust the parameters
8. Hold down the Mode key to enter programming mode
9. Long press F on the launch panel to enter the WiFi distribution state for 3 minutes.
10. Short press F Toggle °C/ °F .

Schema declaration:

1. Floor heating energy saving mode
2. Manual mode
3. Automatic floor heating mode