WIFI Digital Heating Thermostat

User Manual

Many thanks for your selection of our products and services, and also for your trust and support to us.

Features
(A)Including built-in sensor, and external sensors are optional.
(B)0.5°C accuracy keeps temperature within the level you set.
(C)Children lock to prevent misoperation by children
(D)Data memory when power is off.
(E)Holiday mode make you enjoy more comfortable temperature in holiday
(F)The temperature of external sensor can be checked

Product Specifications
Power: 90-240Vac 50/60Hz
Range of temperature display: 1~70°C
Display accuracy: 0.5°C
Insulating condition: Normal environment
Probe sensor: NTC(10k)1%
Running program: Set per 1 week as a cycle
Contact capacity: 3A(WW);16A/(WE)
Output: Switch relay
Limit temperature range: 1~70°C
Installation: recessed type (in the wall)
Range of temperature adjustment: 5~35°C
Size(mm): 86*86*27

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Displays

Description of icon
⚡ Programmode;run preset program   🖐 Manual mode
🖐 Temporary manual mode   🕐 Clock
🏖 Holiday mode, Holiday days and temperature can be set to run in
   countdown mode   〰 Heating,icondisappearsto stop heating
⎓ External NTC sensor   🔒 Child lock
☁ Cloud icon: flashing AP distribution network mode
❄ Cooling mode,this icon is always displayed when switching to cooling
   mode and flashes when the cooling load is output
📶 WIFI connection, flashing EZ distribution mode
📶x Wifi status: Disconnection

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Operation key

symbols	represent
⏻	Turn ON/OFF
SET	1 Short press SET to switch program mode and manual mode 2 Turn on thermostat, long press SET for 3-5 seconds to enter into programmode setting 3.Turn off thermostat, long press SET for 3-5 seconds to enter into advancedoption A
OK	1 Confirm key: use it with SET key 2 Only short pressit to set time 3 Turn on thermostat,long press it for 3-5 seconds to holiday mode setting. Appear OFF, press ▼ or ▲ change to ON,then press OK to confirm opening holiday mode 4 Turn off thermostat ,long press it for 3-5s to enter into advanced option B
▼	1 Decrease key 2 Long press to lock /unlock keys
▲	1 Increase key ; 2 Long press to inquire external sensor temperature (only available for BN item select N3 in the advance option B) 3 In the program model, press ▲or▼ enter to temporary manual mode

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Program mode setting
5+2 (factory default),6+1 and 7 models 6 times period setting for user choose. In the advanced option A choose model of you need, under power on state, long press SET for 3-5 seconds enter into programming mode setting, then short press SET choose: hour,minute, time period, and press ▼ and ▲ to adjust data, finished setting, about 10 seconds will automatic save and exist.

Wake up	Out door	Back home	Out door	Back home	Sleep
6: 00 20℃	8: 00 15℃	11: 30 15℃	13: 30 15℃	17: 00 15℃	22: 00 15℃

Advanced Option A
Power off state, long press SET for 3-5 seconds to access advanced option A. From A1 to AE, short press SET to choose the option, and adjust data by ▼,▲, short press SET to switch next option.Remain about 5 seconds after finish setting will quit setting.

NO	Setting Options	Data Setting Function	Factory Default
A1	Measure Temperature Calibration	-9~+9℃(Displayed as the corrected room temperature value)	-1
A2	Start/stop working temperature difference setting	0.5-2.5℃	1℃
A3	Child lock setting	0:half lock 1:full lock	0
A4	Power on/off state memory after electricity cut	0:Thermostat on/off with memory when electrify 1:Thermostat off when electrify 2:Thermostat on when electrify	0

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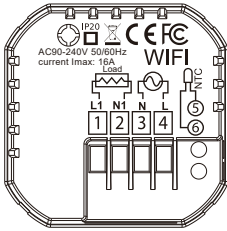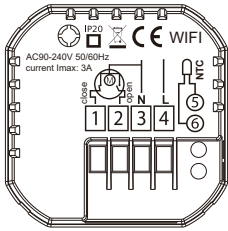| A5	Backlight show time	5~30s	10
A6	Program mode type	0: 5+2 1: 6+1 2: 7	0
A7	Setting temperature minimum limit	1-10°C	5℃
A8	Setting temperature maximum limit	20-70°C	35℃
A9	Low temperature protection	1-10°C When setting temp = 10℃, if press ▲ will display 【--】, cancel low temperature protection	5℃
AA	High temperature protection for external sensor	20°C-70°C When setting temp =20°C, , if press ▼ will display 【--】, cancel high temperature protection	45℃
AB	High temperature protection temperature difference setting	1-9°C	2℃
AC	Window function triggers temperature	5-25°C,setting temperature is 5°C,decrease it ,will display 【--】 ,then canceled this function	--
AD	Window function running time	5-60min	15
AE	Restore factory defaults	Display Ao , long press OK key to whole show	
AF	Mode Select	0:Heating 1:Cooling	0

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Advanced Option B
Power off state, long press OK for 3-5 seconds to access advanced option B. short press SET to choose the option, and adjust data by ▲,▼, short press SET to switch next option.Remain about 5 seconds after finish setting will quit setting.

NO	Setting Options	Data Setting Function	Factory Default
BN	Sensor type	N1:Internal sensor (high temperature protection close) N2:External sensor (high temperature protection close) N3:Internal sensor control temperature ,external sensor limit temperatures (external sensor detect the temperature is higher than highest temperature ofexternal sensor, thermostat will Closerelay,turn off load)	N1
BC	Descaling function	0:Disable descaling function 1:Enable descaling function	0
Bo	Product information	Can't be changed	

Return difference: limit valve of external sensor is 45℃ for factory default, value of external sensor control return difference is 2. when temperature rise to 45℃,then relay stop working and will remind high temperature production alarm. If temperature decline to 43℃ relay continue to work and heating alarm will be relieved. (itcan be operated ,only when room temperature is lower than setting temperature)
Sensor fault display:please choose correct working way of built-in and external sensor, if choose wrongly or sensor fault (breakdown), "E1" or "E2" will be displayed on the screen. Thermostat will stop heatinguntil the fault is eliminated
Warranty:
We offer the warranty of 18 months, from the sales day. The products of our company can have lifetimewarranty ,if it is not the quality problems, or beyond the warranty period, we will charge for the after-saleservice.
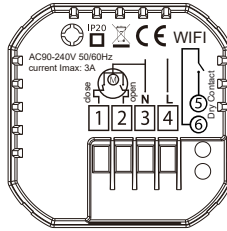
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Wiring Diagram

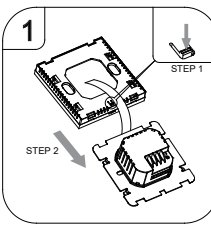Electric heating wiring diagram   Water heating wiring diagram

Water heating and gas wall-hung boiler heating,
nocontact wiringdiagram,(disconnection when electric valve close)
Note:5&6 connect with gas boiler ,3&4 connect with N and L line . If normally closed thermal actuator ,then connect with 2&3,if normally open thermal actuator ,then connect with 1&3
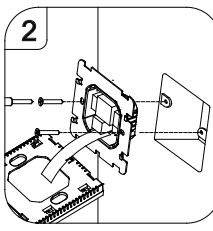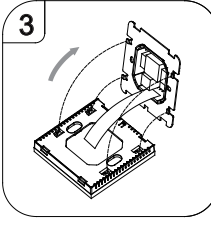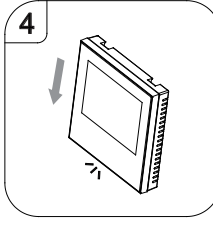
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Installation diagram:

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Wifi Thermostat Mobile App Programming Guide

Preparation required for Wifi Connection:
You will need a 4G mobile phone and wireless router. Connect the wireless router to the mobile phone and record the WIFI password .
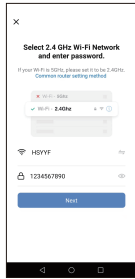**Step 1 Download your app**

Download 'Smart Life' or 'Smart RM' app from Google play and app store. Turn on the thermostat, press and hold the key combination " SET "and" OK " Activate WIFI distribution network icon
Step 2 Register your account
Step 3 Connect your Wi-Fi signal (EZ distribution mode) 📶☁

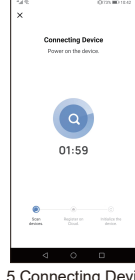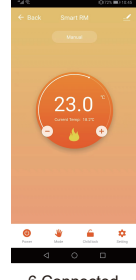1.Add Device or '+'1.   2.Select small appliance - WIFI thermostat

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3.Select WIFI Network and enter password   4.Confirm thermostat WIFI icon 📶☁ blinking

5.Connecting Device   6.Connected

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Additional Functions
Holiday Mode: You can program the thermostat to be on for a set temperature for up to 30 days so that there is background heat in the house while you are away. This can be found under the mode 🖐 section. You have the option to set the number of days between 1-30 and a temperature up to 27℃.
Lock Mode: This option allows you to remotely lock the thermostat so no changes can be made. This can be done by clicking on the 🔒 symbol. To unlock click the 🔒 symbol again.
Grouping devices: You can link multiple thermostats together as a group and control them all simultaneously. This can be done by clicking on the ✏ in the top right corner and then clicking the Create Group option. If you have multiple thermostats linked it will allow you to tick each one that you want to be in the group and once you confirm the selection you will be able to name the group.
Sensor type and temperature limit
Click the Sensor type option and enter password (normally 123456). Then you will be given 3 options:
(1) "Single built-in sensor" will only use the internal air sensor (DO NOT USE THiS SETTING*)
(2) "Single external sensor" will only use the floor probe (ideal for bathrooms where thermostat installed outside room).
(3) "Internal and external sensors" will use both sensors to read the temperature (Most common option).
Once you have chosen the sensor type, check that "Set temp. max" option is set to a suitable temperature for your flooring (typically 45℃)
*A floor probe must always be used with electric underfloor heating to protect the flooring.