INSTALL

1

2

3

4

ThermoLife

Thermostat Instruction

Easy touch Easy warm

08:00 Friday

20.0

APP for WiFi thermostat

Table of Contents

THERMOSTAT DESCRIPTION

The 82 series is a smart thermostat used to control your electric floor heating system or water heating system. It will keep your home at comfortable temperature whilst minimizing energy use. Install the app on your smart phone to control your electric heating system remotely with the WiFi thermostat.

MAIN FUNCTIONS

- ▶ Auto mode
- ▶ Holda mode
- ▶ Holiday mode
- ▶ Anti-frozen function
- ▶ Floor temperature limit
- ▶ Open window detection function
- ▶ Key-lock
- ▶ Brightness
- ▶ Sensor selection
- ▶ Adaptive function

TECHNICAL SPECIFICATION

Supply voltage: 85-265Vac 50/60Hz   Standby power: $<$ 2W   IP rating: IP21

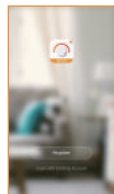Max load: 16A(electric heating)/3A(water heating)   Wire diameter: ≤2.5mm²

DISPLAY SYMBOLS

WiFi / Heat / Event / Floor Sensor

Time

Hold Mode

Detected Temp

Menu

Increase

Decrease

08:00 Friday

20.0

WIFI CONNECTIONION

Step 1:
Scan the QR code or download the Warmme from APP store/ Google browser.

Step 2:
Register and log in with mobile number/email address in the APP.
Attention: Please read and agree 'Privacy Policy and Service agreement' before registration.

Step 3:
Click 'Add Device' or '+' on the top-right to add device.

Step 4:
Click 'WiFi thermostat'.

Step 5:
Operate thermostat. If the WIFI icon flash quickly, Click 'Press to connect'.

Step 6:
Enter Wifi password, and click 'Confirm'.

Step 7:
If device added successfully, change the device name and set region. Then, click 'Done'.

Attention:
If failed, confirm the Wifi is 2.4G version and check the Wifi signals, then, use the 'AP mode' in the top right to connect again.

Step 8:
You can check the actual temperature and set temperature etc. at the control interface.

On/Off

Press the button ont the right side of the thermostat to turn on/off.
Note: When anti-frozen function is active, the thermostat will maintain the anti-frozen temperature when power off.

Temporarily override temperature

In the page of detected temperature, press ∨ or ∧ to change the current event temperature setting. The thermostat will revert to the parameters of schedule at the start-time of the next event in auto mode.

Mode selection

In the page of detected temperature, press the key in the up left corner to select the mode.
There are 3 modes:

⚙ **Auto mode**: It is the default mode. Thermostat runs according to event parameters set in Edit Setting to save energy.
　　Steps:

　　Press Auto Mode to confirm and back to the page of detected temperature.

✋ **Manual mode**: Thermostat will run with the set temperature for ever.
Steps:
　　Press Manual Mode to enter temperature setting.
　　Press ∨ or ∧ to set the temperature.
　　Press ✓ to confirm and enter the page of detected temperature.

⛱ **Holiday mode**: Thermostat will run with the set temperature until the holiday time ends.
Steps:
　　Press Holiday Mode to enter holiday setting.
　　Press ∨ or ∧ to set the days of holiday.
　　Press ✓ to confirm and enter holiday temperature setting.
　　Press ∨ or ∧ to set the temperature.
　　Press ✓ to confirm and enter the page of detected temperature.

Menu

In the page of detected temperature, press the key ☰ to enter Menu.
There are 5 parameter settings.

1. Time
Day and clock are set here.
Steps:
    Press Time to enter day setting.
    Press the day you want to enter hour setting.
    Press ∨ or ∧ to set hour.
    Press ∨ to confirm and enter minute setting.
    Press ∨ or ∧ to set minute.
    Press ∨ to confirm and back to Menu.
    Press ↩ to back to the page of detected temperature.
If the thermostat is WiFi version, it will update time automatically after connecting to WiFi.

2. Key lock
Lock all keys to prevent the settings from being changed.
Lock Steps:
    Press Key Lock to enter key lock setting.
    Press ∨ or ∧ to select lock.
    Press ∨ to confirm and back to the page of detected temperature.

Unlock steps:
    In the page of detected temperature, press any key then 🔒 (in the down right corner) will flash 3 times.
    Press and hold 🔒 for 3 seconds to unlock.

3. Brightness
This option allows you to change the brightness of the display.
Steps:
    Press Brightness to enter brightness setting.
    Press ◑ to move up/down or touch any part of the line to set the brightness.
    Press ∨ to confirm and back to Menu.

4.Edit setting
Edit setting can set and change the parameters. If you don't choose Holiday Mode or Hold Mode. The thermostat runs according to the parameters of Edit.
Steps:
    Press Edit Setting to enter days selection.
    Press the day you want to set.
    Press ∨ to enter event selection.

Press the event you want to set and enter the start time hour setting.

Press ∨ or ∧ to set start time hour.

Press ∨ to confirm and enter the start time minute setting.

Press ∨ or ∧ to set start time minute.

Press ∨ to confirm and enter temperature setting.

Press ∨ or ∧ to set temperature.

Press ∨ to confirm and back to event selection.

Press ↰ some times to back to the page of detected temperature.

Default parameters

Day	Wake		Leave		Back		Sleep	
Mon-Fri	07:00	22.0°C	08:30	19.0°C	17:00	22.0°C	22:00	19.0°C
Sat/Sun	08:00	22.0°C	08:30	22.0°C	17:00	22.0°C	22:00	19.0°C

5. Advanced Setting

The thermostat provides advanced settings to suit various special situations. These are normally set by technicians during initial installation.

Steps:

Press Advanced Setting to enter the page of warning.

Press ∨ to enter the page of advanced setting.

Press ∨ or ∧ to switch page.

Press the item to set its parameters.

No.	Name	Default	Ranges
1	Room Temperature Calibration	0°C	-5°C -- 5°C
2	Floor Temperature Calibration	0°C	-5°C -- 5°C
3	Anti-frozen Switch	ON	ON/OFF
4	Anti-frozen Temperature	5°C	5°C -- 15°C
5	Floor Temperature Limit	30°C	20°C -- 50°C
6	Temperature Tolerance	1°C	0.5°C/1°C/2°C/3°C
7	Temperature Unit	°C	°C/°F
8	Sensor Selection	Floor	Room/Floor/Both
9	Schedule	5+1+1	5+1+1/7
10	Output Delay	0 Sec	0S/30S/60S/90S

No.	Name	Default	Ranges
11	Adaptive Function	OFF	ON/OFF
12	Open Window	OFF	ON/OFF
13	Power Set	0 W	0W -- 4500W
14	Energy Use		
15	Sensor Type	0-3950	0-3950 1-3380 2-3700 3-3600 4-3740
16	Factory Reset	NO	NO/YES

1. Room Temperature calibration: Calibrate the temperature detected by room sensor.

2. Floor Temperature calibration: Calibrate the temperature detected by floor sensor.

3&4. Anti-frozen function: If the Anti-frozen function opened, it will keep the room and floor at a lower temperature in order to protect the pets and plants in your house. Also, it can protect your pipe against freezing when using the water heating system.

5. Floor temperature limit: When choose both sensors, you can set the maximum floor temperature value, system will stop heating if the floor temperature exceed this value.

6. Temperature Tolerance: The value is 1°C. The thermostat start to work when

the actual temp is 1°C lower than set temp and stop to work when the actual temp is 1°C higher than set temp.

7.Temp unit: °F and °C can be selected.

8:Sensor selection

   Room sensor: Run by room sensor.

   Floor sensor: Run by floor sensor.

   Both sensors: Run by room sensor with floor temp limit.

9. Schedule: Select a weekly schedule for the event.

   7: each day from Mon to Sun can be set individually.

   5+1+1: Mon to Fri have the same events, Sat and Sun can be set individually.

10. Output delay: This option help you avoid inadvertent operation on heating.

11. Adaptive function: After several days of installation and use, Adaptive function ensures that the required temp has already been reached when the next event begins.

12. Open window: This function only works when room sensor or both sensors is selected. The thermostat with this function will shut off automatically for 15 min when the window opens, as it can detect that the room temp plummets.

13&14. Energy use: This option allows you to enter the various data used to calculate energy use.

15.Sensor Type: This thermostat is compatible with the following five floor temperature sensors. The default sensor 0-3950 is in the box.

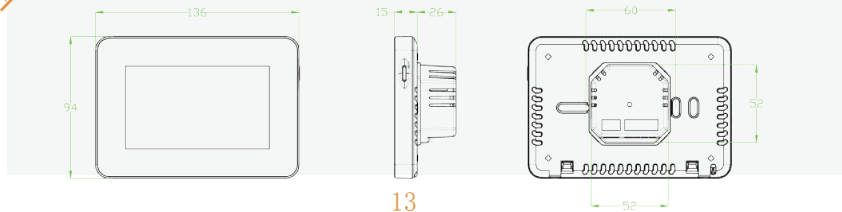| Temperature	The resistance value of the floor sensor at the corresponding temperature point (Ω)				
	0-3950	1-3380	2-3700	3-3600	4-3740
0 °C	32800	26050	30286	34423	34720
10 °C	19733	17630	19055	22217	22328
25 °C	10000	10000	10000	12000	12000
30 °C	7905	8331	8165	9869	9854

16. Factory Reset: All parameters are restored to default values.

TROUBLESHOOTING

Room Sensor Error!　　: Built-in sensor short-circuit or disconnected.
Floor Sensor Error!　　: Floor sensor short-circuit or disconnected.
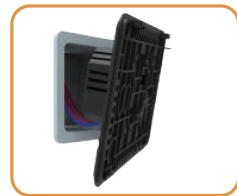
DIMENSION (MM)

INSTALLATION AND WIRING INSTRUCTIONS

Installation

Separate the panel from the back section: insert the screwdriver into two holes under the thermostat and pry it like the picture.
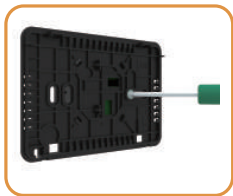

Connect the wire as shown in the wiring instruction.

Step 1

Step 2

NOTE: The 82 series thermostat should mounted in a standard 86 type switch box.
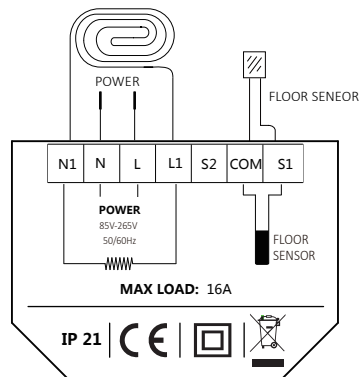
Fix the back section to switch box with screws provided.

Re-install front panel whilst ensuring the pins engage properly in the circuit board socket.

Step 3

Step 4

Wiring instructions

POWER

FLOOR SENEOR

N1	N	L	L1	S2	COM	S1

POWER
85V-265V
50/60Hz

FLOOR SENSOR

MAX LOAD: 16A

IP 21

Suggestion: Please keep the max load around 90% of 16A to prolong the lifetime.

Caution: Ensure power is disconnected when wiring!