

ThermoLife

Thermostat Instruction

Easy touch Easy warm



APP for ET-81W



Table of Contents

01 Description 01

02 Main function 01

03 Technical specification 01

04 Display symbols 02

05 WiFi connection（Only for ET-81W） 03

06 Function & User operation 05

07 Advanced setting 10

08 Troubleshooting 12

09 Dimension 12

10 Installation and wiring instructions 13

DESCRIPTION

The ET-81 is an electronic programmable timer thermostat used for controlling electrical floor heating elements. The thermostat is designed for fixed installation only and can be used for both direct heating of the entire room and for comfort heating of the floor.ET-81W is a WiFi version for wireless-connection. You can install the app on your smart phone to control your electric heating system remotely.

MAIN FUNCTIONS

- Time display
- Holiday function
- Off time frost protection
- Power consumption query
- Floor high temperature protection
- Sensor selection
- Key-lock
- Hold function

TECHNICAL SPECIFICATION

Supply voltage: 85-265V 50/60Hz

Maximum switching current: 15A

Standby power: ＜ 2W

IP rating: IP21

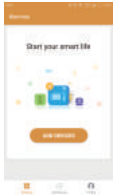
Wire diameter: ≤2.5mm²

DISPLAY SYMBOLS



WIFI CONNECTIONION





Step 4: Check the thermostat WiFi flag is fast flashing. if not,operate the thermostat according to the APP tips until it flashes quickly. Click the “WiFi flashing quickly” button .

Step 3: click “Add Device”on the bottom of the screen.

Step 2: Open warmme, log in through the registered phone number or authorization from a third-party APP account(Facebook,..etc.).

Step 1: Scan the QR code through a browser or download APP “Warmme” from the major application markets to install it.

Consíguelo en el App Store

DISPONIBLE EN Google Play





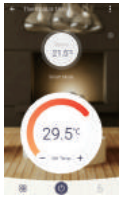
Step 5: Fill in the phone with the WiFi network password, click “next”.

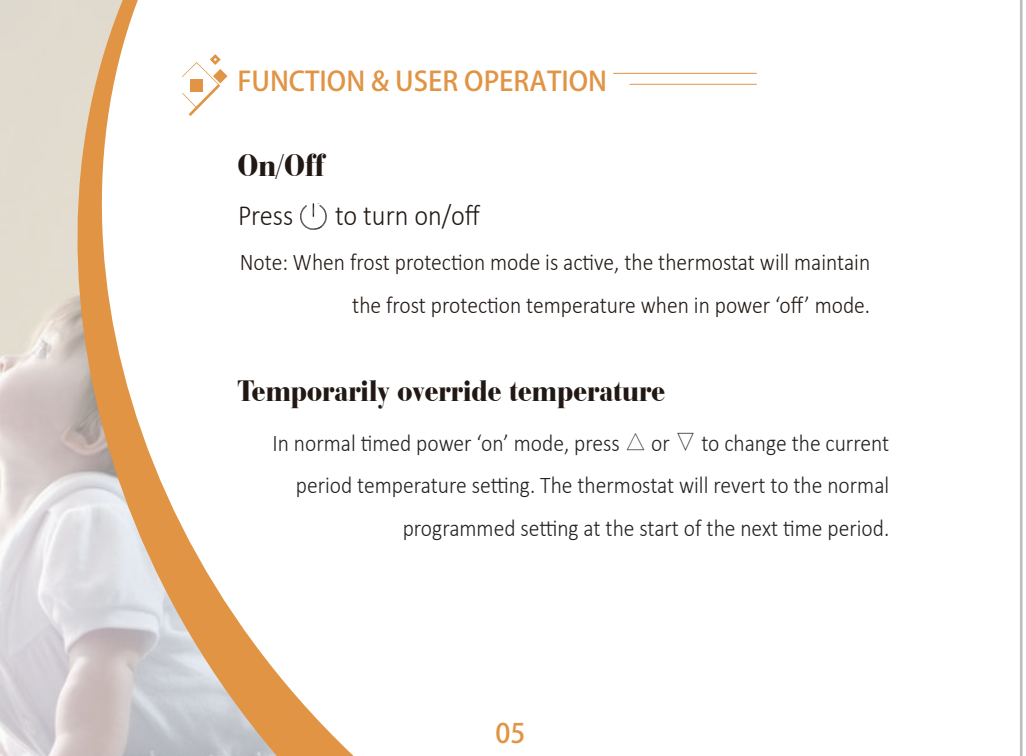




Step 6: Click “done” after warmme is connected to the thermostat successfully, then finished the distribution.

Step 7: You can check the real-time temperature, adjust or set the temperature, switch on/off or do other operations on the main interface.





FUNCTION & USER OPERATION

On/Off

Press ⏻ to turn on/off

Note: When frost protection mode is active, the thermostat will maintain the frost protection temperature when in power 'off' mode.

Temporarily override temperature

In normal timed power 'on' mode, press △ or ▽ to change the current period temperature setting. The thermostat will revert to the normal programmed setting at the start of the next time period.

Set the Time

In normal timed power 'on' mode, Press ○ and 'Time' will be displayed.

Press ○ again to enter day set.

Press △ or ▽ to set day.

Press ○ to confirm and enter hour set.

Press △ or ▽ to set hour.

Press ○ to confirm and enter minute set.

Press △ or ▽ to set minute.

Press ○ to confirm then press to revert to normal screen.

Note: The ET-81W updates the time automatically when first connected to internet.

Key-lock

Setting Key-lock can prevent children and others from switching thermostat parameters.

In normal timed power 'on' mode, press ⮌ for 3senconds to lock the thermostat and again for 3 seconds to cancel.

Holiday mode

In holiday mode, the ET-81 will maintain frost protection temperature until the holiday time ends. In normal timed power 'on' mode, press ○ to enter setting.

Press △ or ▽ to select holiday.

Press ○ to enter holiday days set.

Press △ or ▽ to set holiday days .

Press ○ to confirm and return to the normal screen.

Note: In holiday mode,'HOLIDAY LEFT' and the days remaining will show on display.

To cancel holiday mode ,you can set the holiday days to 0 or press ⏻ twice.

Hold mode

The ET-61 will maintain the 'hold temperature' until the hold period ends.

In normal timed power 'on' mode, press ○ to enter setting.

Press △ or ▽ to select hold.

Press ○ to enter hold time set.

Press △ or ▽ to set hour.

Press ○ to enter minute set.

Press △ or ▽ to set minute.

Press ○ to enter hold temperature set.

Press △ or ▽ to set hold temperature.

Press ○ to confirm and return to the normal screen.

Note: In hold mode,'HOLD' will show on display.

To cancel holiday mode ,you can set the holiday days to 0 or press ⏻ twice.

Timer setting

Each day of the week has 4 time periods,you should allot a temperature to each time period. Set the temperature above room ambient temperature and the heating will come on until the desired temperature is reached, or, set the temperature low and the heating will not come on during that time period. The default settings are shown in the table below.

In normal timed power ‘on’ mode, press ○ to enter setting.
Press △ or ▽ to select edit.
Press ○ to enter edit set.
Press △ or ▽ to set hour.
Press ○ to enter day selection.
Press △ or ▽ to select the day to be set.
Press ○ to enter period selection.
Press △ or ▽ to select the period to be set.
Press ○ to enter start time set.
Press △ or ▽ to select start time hour.
Press ○ to enter minute set.
Press △ or ▽ to select start time minute.
Press ○ to enter temperature set.
Press △ or ▽ to select temperature.
Press ○ to confirm and move on to next time period.



Period parameter table (initial value)

Week	Wake	Leave	Return	Sleep
Mon----Fri	6:00 20℃	8:00 15℃	16:00 20.5℃	22:00 15℃
Sat----Sun	8:00 20.5℃	10:00 15℃	16:00 20.5℃	23:00 15℃

ADVANCED SETTING

Caution: These are normally set by technicians during initial installation.
In normal timed power ‘on’ mode, press ○ to enter setting.
Press △ or ▽ to select setup.
Press ○ to enter advanced setting.

Each parameter can be accessed by pressing ○ and adjust the values as required.(the default values are recommended and changing these may adversely affect the way the thermostat works.)

No.	Name		Default value	Ranges
1	Temp offset	Floor sensor	0℃	-5℃--5℃
		Room sensor	0℃	-5℃--5℃
3	Frost Protection	Frost-preventive switch	ON	OFF/ON
4		Anti freezing temperature	5℃	5℃--15℃
5	Sensor select(Room,Floor)		Both sensors	Room temperature sensor Floor temperature sensor Both sensors
6	Floor limit temp		35℃	20℃-45℃
7	Temperature unit		℃	℃/℉
	Delay output		0 S	0 S/30 S/60 S/90 S
8	Delay output		1℃	0.5℃/1℃/2℃/3℃
	Backlight brightness		80%	0%--100%
9	Power setting	Power rating	0W	0W-3450W
		Power consumption	——	——
10	Factory reset		Back	Yes/Back

TROUBLESHOOTING

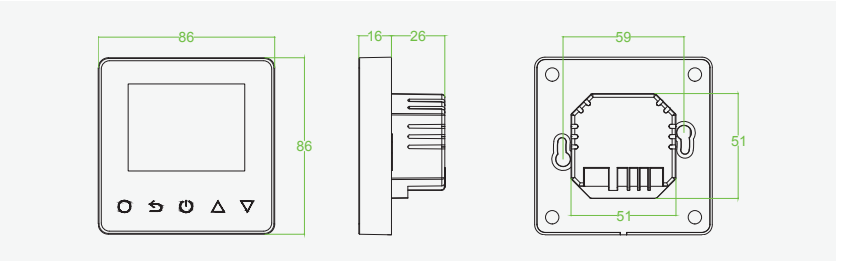
Fault Codes

Room sensor error = Built-in sensor short-circuit or disconnected.

Floor sensor error = Floor sensor short-circuit or disconnected.

Note: Should a sensor fault display, please connect us for assistance.

DIMENSION (MM)



Installation



Loosen fixing screw on the base of the thermostat and separate front panel from back section.

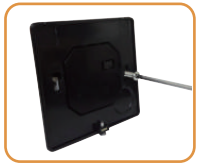
Step 1



Wire the back section as shown in the wiring diagram.

Step 2

NOTE: The ET-81 series thermostat should be mounted in a standard 86L×86W×35H(mm) wall box.



Fix the back section to wall box with screws provided.

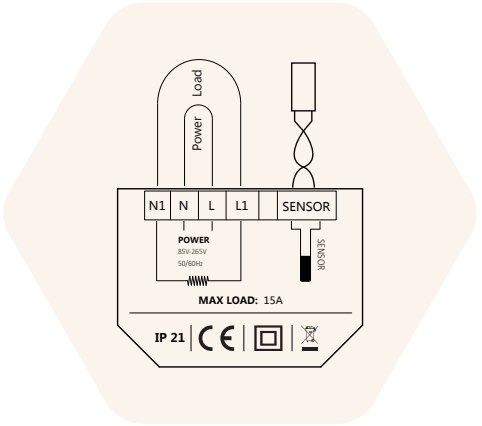
Step 3



Replace front panel whilst ensuring the pins engage properly in the circuit board socket.

Step 4

Wiring instructions



Caution: Ensure power is disconnected when wiring!