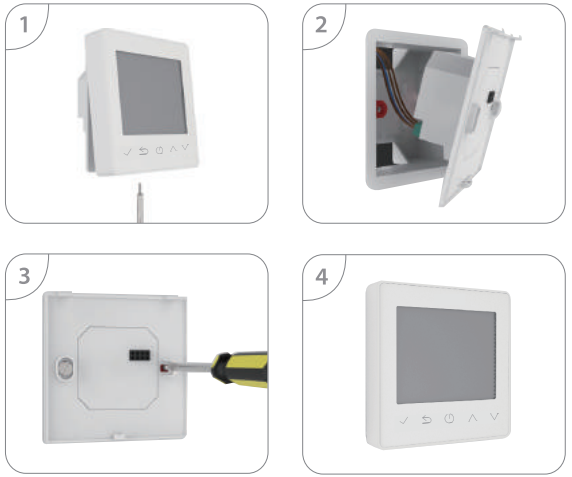

ThermoLife

Easy touch Easy warm

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Thermostat description

The ET-61 is a smart timerstat used to control your electric under floor heating system. It will keep your home at comfortable temperature whilst minimizing energy use.

ET-61W 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 of ET-61

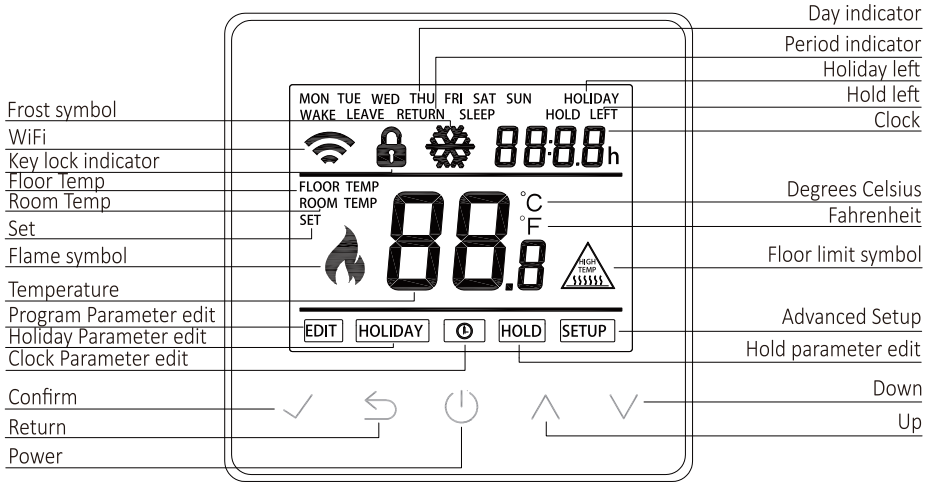
- Time Display
- Key-lock
- Holiday function
- Hold function
- Sensor selection
- Off time frost protection
- Floor high temperature protection
- Weekly program with each day programmable

Technical specification

- Supply voltage: 85-265V 50/60Hz
- Maximum switching current: 15A

- Standby power: ＜ 1W
- IP rating: IP20
- Wire diameter: ≤2.5mm2

Display symbols



WiFi connection（Only for ET-61W）

The ET-61W timerstat will enter into WIFI connection mode when Phone APP connects to the timerstat for the first time.

Operation processes: with the timerstat switched on, press UP/DOWN "∧/∨" key for 3 seconds simultaneously. When WIFI symbol flashes rapidly, the timerstat is in WIFI connection mode.

Function & User operation

On/Off

Press ⏻ to shift on/off

Note: When frost protection mode is active, the timerstat 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 new selected temperature will flash for 1 minute. The timerstat will revert to the normal programmed setting at the start of the next time period.

Set the Time

In power on mode:

- Press ∧ or ∨ to select day
- Press ∧ or ∨ to select hour
- Press ∧ or ∨ to select minute
- Press √ and the clock symbol will flash
- Press √ again to enter day selection
- Press √ to confirm and enter hour selection
- Press√ to confirm and enter minute selection
- Press √ to confirm then press to revert to normal screen
- Note:The ET-61W updates the time automatically when first connected to internet.

Key-lock

Setting Key-lock can prevent Children and others from switching timerstat parameters. In normal timed power 'on' mode,press ⮌ for 5 seconds to lock the timerstat and again for 5 seconds to cancel.

Holiday mode

Setting holiday mode, the ET-61 will maintain frost protection temperature until the holiday time ends. In normal timed power 'on' mode, press √ to enter settings.

- Press ∧ or ∨ to select Holiday days
- Press ∧ or ∨ to set holiday days away
- Press √ to confirm
- Press √ to confirm holiday days remaining

'HOLIDAY LEFT' and the days remaining will show on display.

Note: Set the holiday days to 0 to cancel holiday mode.

Holiday mode uses the frost protection temperature.

Hold mode

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

- Press ∧ or ∨ to select Hold
- Press ∧ or ∨ to select Hold
- Press ∧ or ∨ to set hour
- Press √ to enter hold time set
- Press √ to enter minute set

- Press ∧ or ∨ to set minute
- Press √ to confirm
- Press √ to enter hold temperature set
- Press ∧ or ∨ to set hold temperature

Press √ to confirm and return to normal screen – 'HOLD' will show on display.
Note: Set the hold time to 00:00 to cancel the hold mode.

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. (Do not try to eliminate time periods by taking the start time of a period through the start time of another period). The default settings are shown in the table below.

- Under real-time temperature interface, press √ to enter setting.
- Press ∧ or ∨ to select edit
- Press √ to enter day selection (MON will flash)
- Press ∧ or ∨ to select day to be set or start with MON.
- Press √ to enter period selection
- Press ∧ or ∨ to select the period to be set

- Press √ to enter start time set
- Press √ to enter minute set
- Press √ to enter temperature set
- Press √ to confirm and move on to next time period
- Press ∧ or ∨ to select start time hour
- Press ∧ or ∨ to select start time minute
- Press ∧ or ∨ to select temperature

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

Note- These are normally set by technicians during initial installation.

- In normal timed power 'on' mode, press √ to enter setting mode
- Press ∧ or ∨ to select "setup"
- Press √ to enter advanced setup

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 timerstat works.)

No.	Name	Default value	Ranges
1	Room temperature calibration	0.0	-5℃--5℃
2	Floor temperature calibration	0.0	-5℃--5℃
3	Anti-frozen function	ON	OFF/ON
4	Anti-frozen temperature	5℃	5℃--15℃
5	Sensor selection	00	00：Built-in sensor 01：Floor sensor 02：Both sensor
6	Floor temperature limit(double sensors)	35℃	20℃-45℃
7	Temperature unit	℃	00：℃ 01：℉
8	Output delay	00	00:0s 01:30s 02:60s 03:90s
9	Temperature calibration control	1℃	00：0.5℃ 01：1℃ 02：2℃ 03：3℃
10	Setting initialization	00	00：no reset 01：reset

Troubleshooting

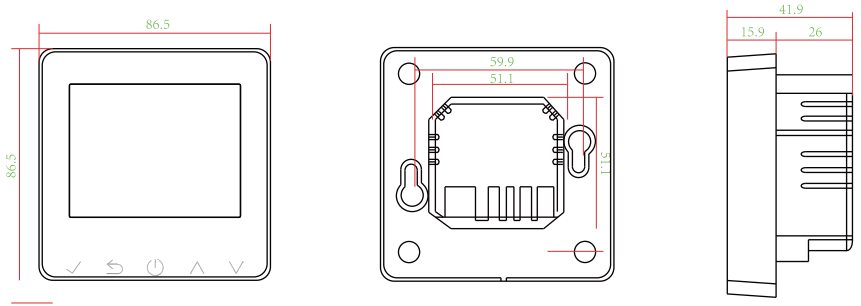
Fault Codes

E1 = Built-in sensor short-circuit or disconnected

E2 = External sensor short-circuit or disconnected

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

Dimension (mm)



Installation and wiring Instructions

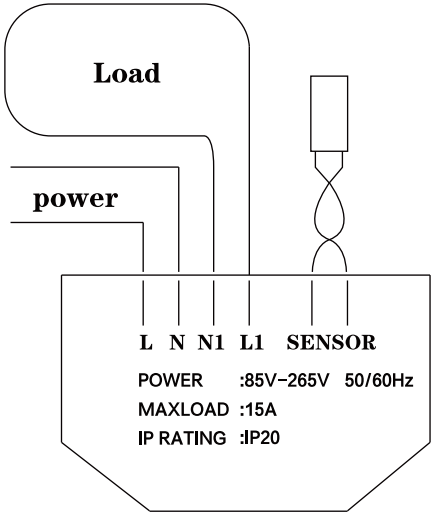
Loosen fixing screw on the base of the timerstat and separate front panel from back section.

Wire the back section as shown in the wiring diagram.

Fix the back section to wall box with screws provided.

Replace front panel whilst ensuring the pins engage properly in the circuit board socket. Tighten the fixing screw at the bottom. The ET-61 series Timerstat should be mounted in a standard 38mm wall box.

Wiring instructions



Caution: Ensure power is disconnected when wiring!