



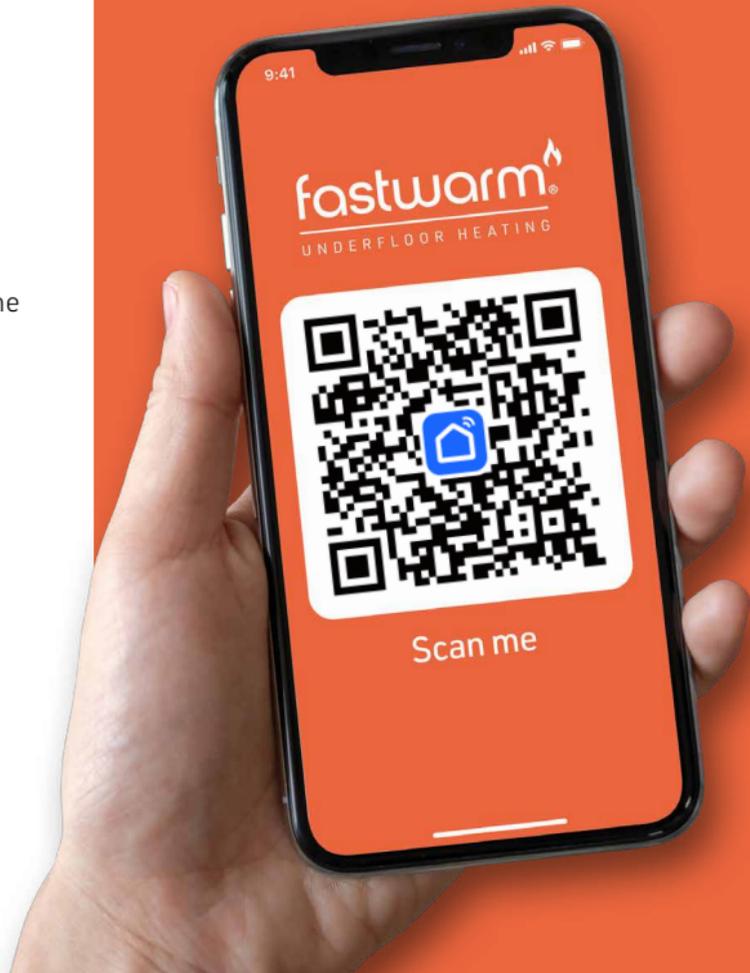
Fastwarm WiFi 2.0

INSTRUCTION MANUAL



Download the app

Search and download the "Smart Life" application in Google Play store or Apple Store or scan the QR code below to download the App.



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Introduction

The Fastwarm Wifi 2.0 is an intuitive programmable thermostat used to control electrical floor heating system or water heating system.

In addition, it can also be used as a timer to connect many household devices that need to work on time. It will keep home at comfortable temp whilst minimizing energy use. Install the app on your smart phone to control heating system remotely with the WiFi thermostat.

TECHNICAL SPECIFICATIONS

Supply voltage: 85-265Vac 50/60Hz

Standby power: <1W

Max load: 16A(electric heating)/3A(water heating)

IP class: IP21

Cable specification: $\leq 2.5\text{mm}^2$

Installation



Step 1
Loosen fixing screw located in the bottom of the thermostat to get the front panel.



Step 2
Connect the thermostat according to the Wiring Instruction.



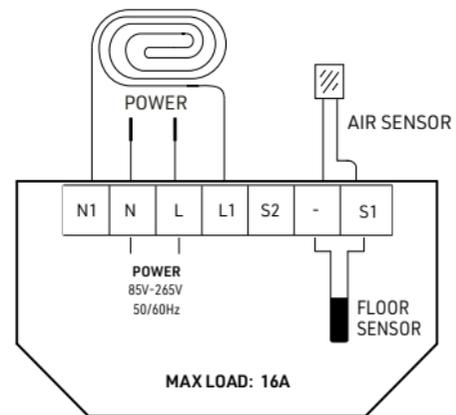
Step 3
Insert the back panel into wall box with provided screws.



Step 4
Align top part of front panel and back panel to fit these two parts. Then fix them with screw.

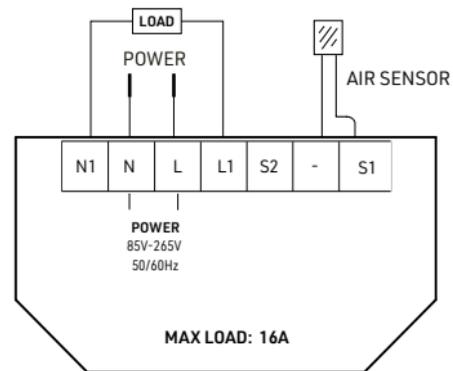


Wiring Instructions - Electric



16A

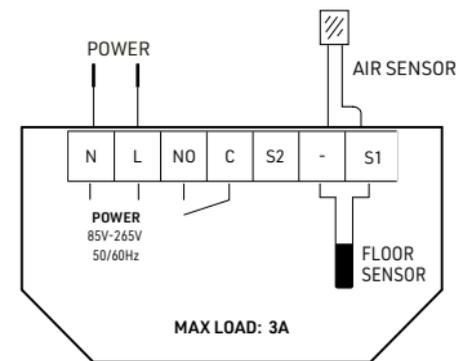
Electric Underfloor Heating



16A

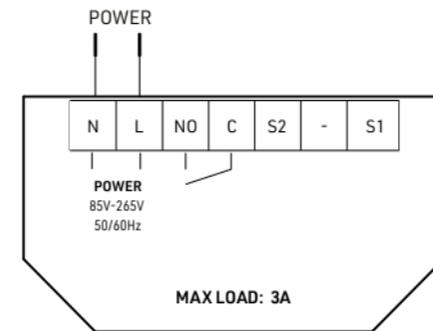
Timer Clock

Wiring Instructions - Water



3A

Water Underfloor Heating



3A

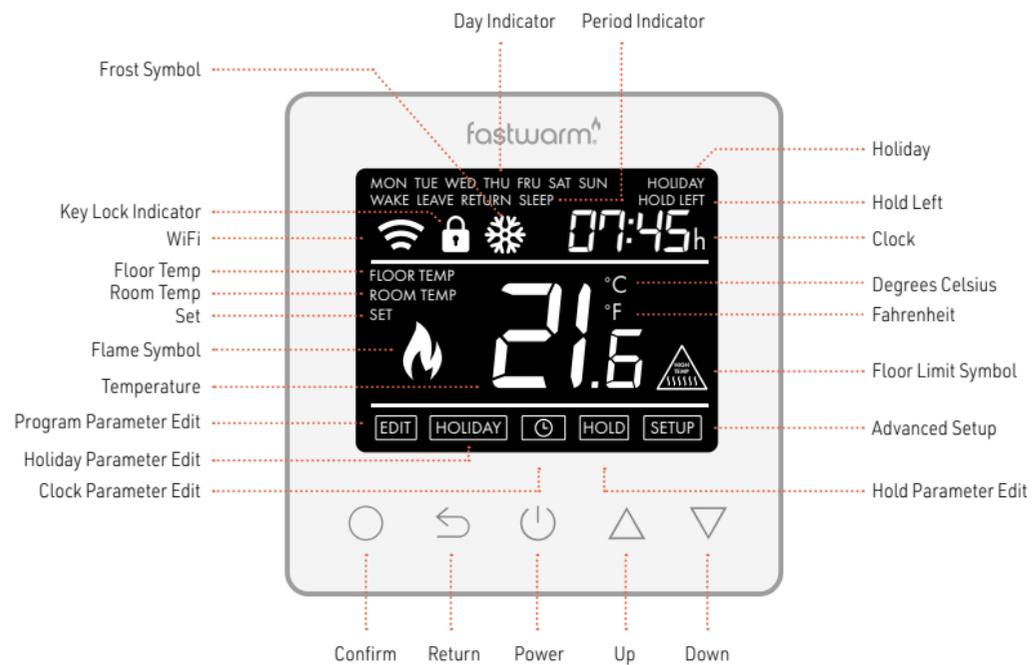
Timer Clock

* This product must only be installed by a qualified electrician 3 and comply with local installation regulations.

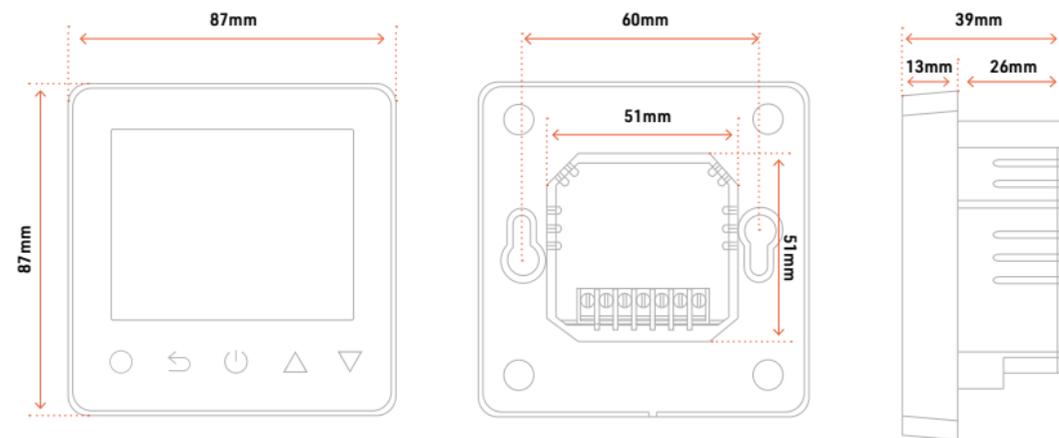
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Thermostat Symbols



Dimensions



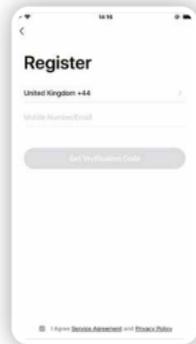


WiFi Connection



1

Scan the QR code or download from APP store / Google Play.



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.



3

Click 'Add Device' or '+' on the top right to add device.



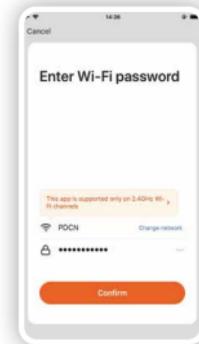
4

Click 'WiFi thermostat'.



5

Operate thermostat. If the WiFi icon flashes quickly, click 'Press to connect'.



6

Enter Wifi password, and click 'Confirm'.



7

If the device is added successfully, you can 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.



8

You can check the actual temperature and set temperature etc. on the control interface.



Function & Operation

The product can switch two control modes, one is thermostat mode and the other is timer mode.

Press to turn On/Off.

Press and hold to enter mode selection. Press to set mode.

01: Thermostat mode / 02: Timer clock mode (Go to page 12)

Press to confirm selection

1 Thermostat Mode

ON/OFF

Press to turn On/Off.

Note: When frost protection is active, the thermostat will maintain the frost protection temp when it is Off.

TEMPORARY OVERRIDE TEMPERATURE

The temporary override temp is only valid at the current event and it will not be saved.

On the actual temp interface, press to set temporary override temp.

Press to confirm and back to the actual temp interface.

KEY-LOCK

Lock all keys to prevent the settings from being changed. On the actual temp interface, press and hold for 3 seconds to lock or unlock all the keys.

SET THE TIME

On the actual temp interface, press then the will flash.

Press to enter day setting.

Press to set day.

Press to enter hour setting.

Press to set hour.

Press to enter minute setting.

Press to set minute.

Press to confirm and back to the day setting interface.

Press twice to back to the actual temp interface.

* If the thermostat is WiFi version, it will update time automatically after connecting to WiFi.

HOLIDAY MODE

In Holiday Mode, the thermostat will maintain the set temp until the holiday time ends.

On the actual temp interface, press then the will flash.

Press to select .

Press to enter holiday days setting.

Press to set holiday days.

Press to enter temp setting.

Press to set temp.

Press to confirm and back to the actual temp interface.

* Set the holiday days to zero or double press to cancel Holiday Mode.





HOLD MODE

In Hold Mode, The thermostat will hold the set temp until you cancel this mode.

On the actual temp interface, press then the will flash.

Press to select **HOLD**.

Press to enter Hold ON/OFF setting.

Press to set Hold ON.

Press to enter temp setting.

Press to set temp.

Press to confirm and back to the actual temp interface.

* Set hold OFF or double press to cancel Hold Mode.

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.

On the actual temp interface, press then the will flash.

Press to select **EDIT**.

Press to enter day selection of Edit Setting.

Press to select a day.

Press to enter the event selection of the day.

Press to select a event.

Press to select event's starting time.

Press to set the hour of starting time.



EDIT SETTING CONT.

Press to enter the minute setting.

Press to set the minute of starting time.

Press to enter the temp setting.

Press to set the temp.

Press to confirm and back to the event selection of the day.

* Press some times or double press to back to the actual temp interface.

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

ADVANCED SETTING

These are normally set by technicians during initial installation.

On the actual temp interface, press then the will flash.

Press to select **SETUP**.

Press to enter advanced setting.

Each setting can be accessed by pressing and parameters adjusted by pressing



No.	Name	Default	Ranges
1	Room temp calibration	0.0°C	-5.0°C -- 5.0°C
2	Floor temp calibration	0.0°C	-5.0°C -- 5.0°C
3	Anti-frozen function	ON	OF(OFF) ON
4	Anti-frozen temp	5.0°C	5.0°C -- 15.0°C
5	Sensor selection	01: Floor sensor	00: Room sensor 01: Floor sensor 02: Room + Floor 03: Room out 04: Room out + Floor
6	Floor temp limit	30.0°C	20.0°C -- 50.0°C
7	Temp unit	00: °C	00: °C 01: °F
8	Output delay	00: 00s	00: 00s 01: 30s 02: 60s 03: 90s
9	Temp deviation	01: 1.0°C	00: 0.5°C 01: 1.0°C 02: 2.0°C 03: 3.0°C
10	Reverse output	00: OFF	00: OFF 01: ON
11	Schedule	01: 5+1+1	00: 7 01: 5+1+1
12	Adaptive function	00: OFF	00: OFF 01: ON
13	Reset	00: No	00: No 01: YES

- Room temp calibration:** Calibrate the temp detected by room sensor.
 - Floor temp calibration:** Calibrate the temp detected by floor sensor.
- 3&4. Anti-frozen function:** This option allow you to bring warmth to your plant and pet with a lower temp. ❄️ displays when you turn off the thermostat. In hydronic heating system, it will keep away from freezing.
- 5. Sensor selection:**
00 Room sensor
01 Floor sensor
02 Room + Floor: Run by room sensor with floor temp limit.
03 Room out
04 Room out + Floor
- Floor temp limit:** If you choose both sensors, floor temp limit must be set to protect floor.
 - Temp unit:** °C and °F can be selected.
 - Output delay:** This option help you avoid inadvertent operation on heating.

- Temp deviation:** The deviation 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.
- Reverse output:** This function works for the cooling system. When the temp is 1°C higher than set temp, the thermostat will disconnect the cooling system, otherwise it will connect the cooling system.
- Schedule:** Select a weekly schedule for the Edit. There are 2 options:
7: each day from Mon to Sun can be set individually.
5+1+1: 5 days from Mon to Fri have the same events, Sat and Sun can be set individually.
- 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.
- Reset:** All parameters are restored to default values.





OPEN WINDOW DETECTION

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.

Troubleshooting

E1

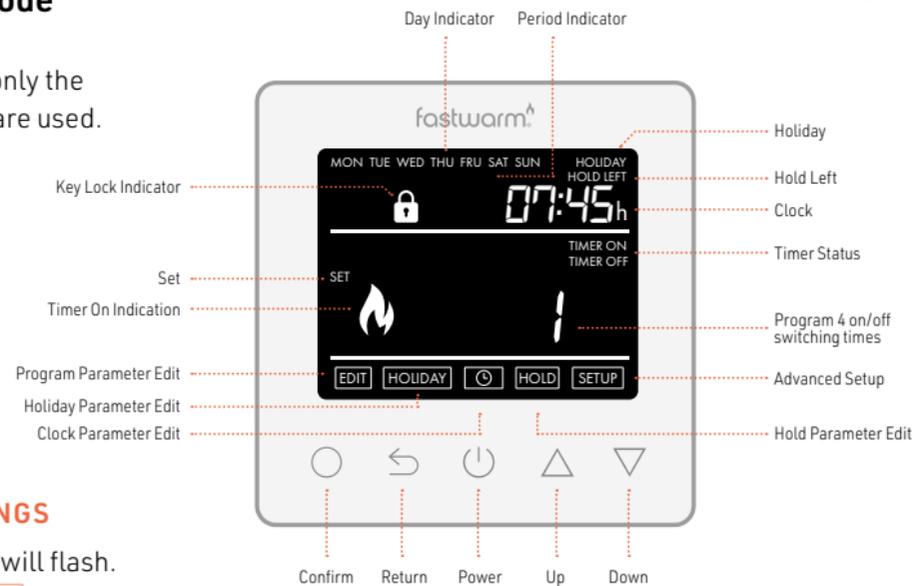
Room Sensor
Error

E2

Floor Sensor
Error

2 Timer clock mode

When used as a timer, only the symbols shown below are used.



COUNTDOWN SETTINGS

Press then the will flash.

Press to select **HOLD**

Press to enter the countdown setting.

Press to select minute and hour. Press to confirm.

Press to select timer on or timer off Press to confirm.

In addition, you can set or override the old timer by pressing key directly. This is a shortcut.



COUNTDOWN SETTINGS

Press then the will flash.

Press to select **HOLD**

Press to enter the countdown setting.

Press to select minute and hour. Press to confirm.

Press to select timer on or timer off Press to confirm.

In addition, you can set or override the old timer by pressing key directly.

This is a shortcut.

AUTOMATIC WEEKLY PROGRAM

When the timer mode is entered, the weekly program is executed by default.

The time clock offers three programming methods;

Weekday/ Weekend (5+1+1):

Allows you to program 4 on/off switching times for the weekdays and 4 on/off switching times for the weekend.

7 Day Program Mode:

Each day has 4 on/off switching times that can be programmed independently.

24 Hour Mode:

All days are programmed with the same on/off switching times.

DEFAULT PARAMETERS

Day	Timer 1	Timer 2	Timer 3	Timer 4
Mon-Fri	06:00 ~ 08:00 ON	16:00 ~ 22:00 ON	--:-- ~ --:--	--:-- ~ --:--
Sat/Sun	08:00 ~ 10:00 ON	16:00 ~ 23:00 ON	--:-- ~ --:--	--:-- ~ --:--

EDIT SETTING

Edit Setting can set and change the parameters.

Press then the will flash.

Press to select **EDIT**.

Press to enter day selection of Edit Setting.

Press to select a day.

Press to enter the first on/off switching times.

Press to select a timer event.

Press to select event's starting time.

Press to set the event's end time.

HOLIDAY TIMING

During holiday timing, the timer is turned off.

Press to select **HOLIDAY**.

Press to enter holiday days setting.

* Set the holiday days to zero or double press to cancel Holiday Mode.





If any products received within this package are damaged or defective, please feel free to contact us and we'll be happy to assist.

www.fastwarm.com