

RISE

UNDERFLOOR HEATING

WI-FI
THERMOSTAT
For Underfloor Heating System



INSTALLATION MANUAL

HEATING HOMES FOR THE FUTURE

OUR AMBITION IS SIMPLE. TO PREPARE HOMES FOR THE FUTURE

Rise underfloor heating solutions are no nonsense and uncomplicated. We simply use the best technologies, premium materials and rigorously test our products to give you peace of mind when it comes to your home. Underfloor heating is an essential, our trusted products are easy to fit and affordable helping you to prepare your home for the future.

HERE'S WHAT YOU NEED TO KNOW

Wi-Fi Connectivity

Hold Function

App Controlled

Programmable

Holiday Mode

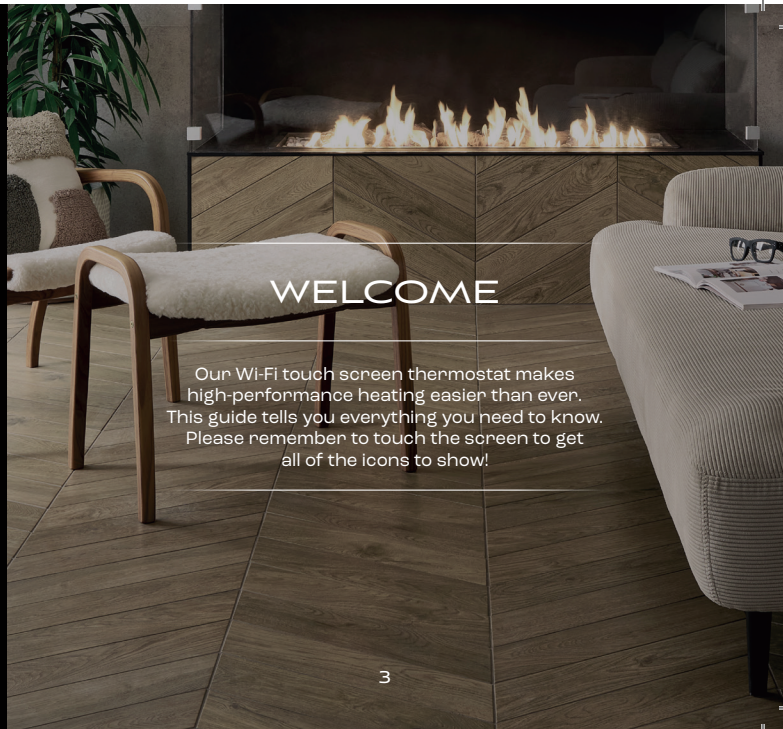
LCD Display

Week & Time Settings

Home & Away Mode

Temperature Control

2



WELCOME

Our Wi-Fi touch screen thermostat makes high-performance heating easier than ever. This guide tells you everything you need to know. Please remember to touch the screen to get all of the icons to show!

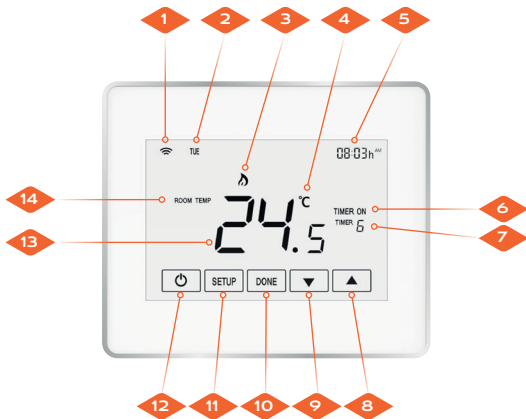
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MAIN DISPLAY



- 1 Wi-Fi indicator
- 2 Weekday indicator
- 3 Heating
- 4 °C or °F display
- 5 Time
- 6 Timer on/off
- 7 Schedule event
- 8 Up touch button
- 9 Down touch button
- 10 Done touch button
- 11 Set-up touch button
- 12 On/off touch button
- 13 Temperature indicator
- 14 Room or floor temperature

INTRODUCTION

Benefits of programmable thermostats






A programmable thermostat helps make it easy for you to save by offering six* pre-programmed settings to regulate your temperature for both summer and winter.

The pre-programmed settings that come with programmable thermostats are intended to deliver savings without sacrificing comfort. Depending on your schedule, you can see significant savings by sticking with these settings or adjust them as appropriate.


The key is to establish a program that automatically reduces heating and cooling in your home as required. *Please note only morning and evening settings can be altered via the app.

OPERATION

KEY DEFINITION

No.	Key	Definition
1		Switch off or exit
2		Set-up
3		Confirm (save and exit)
4		Increase settings
5		Decrease settings

Turn on/off thermostat:

Press  key to turn thermostat on/off.

Set temperature:

Thermostat is On status:




Press  or  to adjust the temperature setting.









SCHEDULE

Set the week, time and schedule:

Set the week

- 1 Press the  icon so the week flashes, press 
or  to adjust the week.














Set the hour and minutes


- 1 Press the  icon again so the hour flashes, press 
or  to adjust the hour.
- 2 Press the  icon again so the minute flashes, press 
or  to adjust the minute.

Please note: when the schedule is set to be weekday/weekend (feature 03 = 52), in the App only Monday and Saturday settings work. Monday means weekday schedule, Saturday means weekend schedule.

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Set the schedule



1. Press the  icon again so the week icon flashes, press 
or  to adjust the weekday/weekend or week.
 2. Press the  icon again so the first timer hour flashes, press  or  to adjust the hour.
 3. Press the  icon again so the first timer minute flashes.
 4. Press  or  to adjust the minute.
Press the  icon again so the first timer temperature flashes.
Press  or  to adjust the temperature.
- You can continue to press  to set the second timer, third timer... etc.

While you set the schedules you can press  to save settings and go back to home screen.



HOLD

The “HOLD” function allows you to maintain or hold a temperature and override any pre-set programs that have been created. This temperature will remain until the end of the “hold period” and revert back to any pre-set programs you have created.

- 1 **Enable hold:** hold and press the  icon until you see the hold text show in the top-right corner.
- 2 **Disable hold:** hold and press the  icon until you see the hold text disappear from the top-right corner.



KEY LOCK

- 1 Press and hold  icon for 2 seconds to lock/unlock (only when configuration key lock is enabled).






HOME/AWAY

- 1 Press and hold  icon for 2 seconds to change home/away mode.



HOLIDAY

- 1 Press and hold  icon until two numbers begin to flash on the screen.
- 2 Press  or  to adjust the holiday days.
- 3 If the number is not 0 it means holiday mode is enabled. The thermostat will work to the “defrost” temperature until the holiday period has ended.

FLOOR PROBE SENSOR

For wiring the thermostat, the RT1 terminal is for connecting the floor probe sensor (supplied with the thermostat).

To use your underfloor heating for floor warming you will need to configure the thermostat to read the temperature of the floor probe only. To do this, select 'Sensor Selection' in the configuration menu and select option '02 Floor Sensor Only'.

To use your underfloor heating for heating the room you will need to configure the thermostat to read the temperature of the air as well as the floor. To do this, select 'Sensor Selection' in the configuration menu and select option '03 Built in & floor sensor'.

The thermostat is set to 'Built in Sensor Only' by default which will read the air temperature only.









FACTORY DEFAULT SCHEDULE

5-2 Day Factory Default Schedule			
Schedule	Start Time		Set Temperature
	(Mon-Fri)	(Sat-Sun)	
Morning	7:00 AM	8:00 AM	24°C
Day	9:00 AM	12:00 PM	15°C
Evening	6:00 PM	5:00 PM	24°C
Night	10:00 PM	10:00 PM	15°C

7 Day Factory Default Schedule		
Schedule	Start Time	Set Temperature
	(Mon-Sun)	
Morning	7:00 AM	24°C
Day	9:00 AM	15°C
Evening	6:00 PM	24°C
Night	10:00 PM	15°C

CONFIGURATION MENU

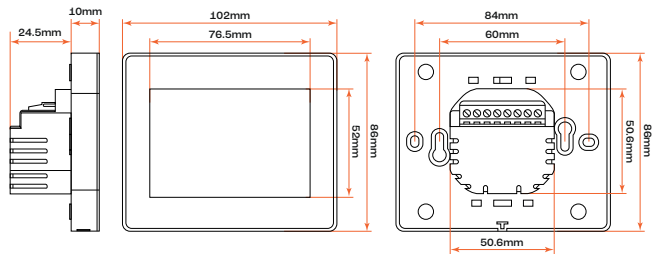
- 1 To turn off the thermostat press the  icon.
- 2 Press and hold  icon for 2 seconds until two numbers appear on screen.
- 3 The middle number is the feature setting, the top-right smaller number is the feature number. You can press  icon to select features and press  or  to adjust each feature setting.
- 4 The configuration setting details can be found on the next page. After you finish all settings press  to exit and save configuration.

Configuration menu table

Feature	Description	Settings
1	Power Off/On data saving	1. Keep the last settings (Default) 2. Off when power is back 3. On when power is back
2	Key lock	OFF. Disabled 2. Lock all functions except switch on/off thermostat 3. Lock all functions (Default)
3	Schedule	OFF. Disabled 52. Weekday/weekend 7. 7 Days (Default)
4	Temperature Format	C. Degree Celsius (Default) F. Degree Fahrenheit
5	Differential	0 - 20 degree 1 - (Default)
6	Set-temp minimum	7 - 25 degrees 5 - (Default)
7	Set-temp maximum	25 - 99 degree 35 - (Default)

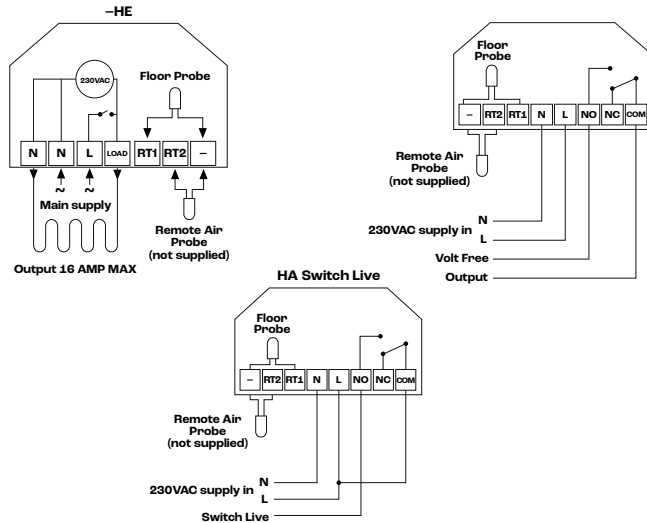
8	Floor limit temperature	OFF. Disabled 20 - 45 degrees, (Default=27°C)
9	Sleep mode	ON. Enabled OFF. Disabled (Default)
10	Defrost mode	OFF. Disabled (Default) 7 - 17 degrees
11	Away temperature	7 - 25 degrees 16 - (Default)
12	Clock synchronize to internet time	OFF. No time sync ON. Yes (Default)
13	Calibrate temperature	-5.0 to 5.0, 0.0 (Default)
14	Sensor selection	00 = Built in sensor only (default) 01 = Remote air sensor only 02 = Floor sensor only 03 = Built in & floor sensor 04 = Remote air & floor sensor
r	Reset to factory	ON. Reset to factory settings OFF. Disable reset
	Firmware version	Version number

OUTLINE DIMENSION



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WIRING DIAGRAM



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APP OPERATION

STEP 1

Download the free app “Smart Life - Smart Living” 

Download the free app from the Apple store or the Google play store by searching “Smart Life”.

STEP 2

Register your account

Click “register” after installing the app.

Please read the privacy policy and press agree to proceed to the next step.

The registration account name uses your available email or mobile phone number. Please select region, then click “continue”.

You will then receive a 6-digit verification code via email or SMS.

Please set an account password and press “done”.

Password must contain 6-20 characters and should include both letters and numbers.

STEP 3

Create home information from “me”

1. Enter a “home” name.
2. Select or add a room.
3. Set location.

STEP 4

Connect to your Wi-Fi



THE ROUTER NEEDS TO BE 2.4G BAND.

Two Connection Methods

1. On your mobile device, access the app and press “add device” or “+” in the top right corner of the app and under the small appliance section select the device type “Thermostat Wi-Fi”. Fill in your router’s password and click next. Click “confirm the indicator is blinking”. Then there are two options. Select “blink quickly”.
2. Turn off thermostat, press and hold “up” key until countdown appears on the screen. Your thermostat Wi-Fi icon should rapidly blink - confirm this in your app. The app will connect automatically. This may typically take up to 90 seconds to complete.

NOTE

If you get an error message make sure you have entered your correct Wi-Fi password (case sensitive typically found on the bottom of your router) and that you are not on your Wi-Fi's 5G connection. Your room name can be edited when the device is connected.

STEP 5









App operation:

1. Set the temperature: scroll the wheel or press up and down buttons to set the temperature.
2. In the thermostat home screen press the timer icon to enter the schedule settings screen. You are able to set four different timers or copy one timer to each of the days.

STEP 6

Settings

In the thermostat home screen, press the settings button to enter the setting screen. You can set or check the following thermostat settings:

- | | | | |
|---|-------------------------------|---|------------------------------|
|  1 | Away/home. |  5 | Maximum set-temperature. |
|  2 | Holiday days. |  6 | Heating output status. |
|  3 | Temperature format, °C or °F. |  7 | Schedule type, 5/3, 7, none. |
|  4 | Minimum set-temperature. |  8 | Firmware version number. |

TECHNICAL DATA

Purpose Of Control: Electric Underfloor Heating System

Supply Voltage: 230 vac 50/60 htz

Relay Rating: 3A/16A

Display: 3.2" LCD display

Communications: Wi-Fi

Displayed Temperature Resolution: 0.1°C

Control Temperature Step: 0.5°C

Smart Schedule Type: 7 days, weekday/weekend, 24 hours

Schedule Per Day: Up to seven different 4- or 6-event program

Standby Consumption: ≤0.5 W

Operating Temperature: 1° C- 85° C

Dimensions (W/H/D): 102 x 86 x 10mm


Build-In Depth: 24.5mm

Weight: ≤200 g

Enclosure Rating: IP 21\

Enclosure Material: PC + ABS plastic





Your Wi-Fi Thermostat comes with a
3-year warranty from date of purchase.
If you have any problems installing or programming
your thermostat, please contact our dedicated technical
support team who will be happy to help you.

Freephone helpline: **0800 246 5963**
Email: **enquiries@riseheating.co.uk**