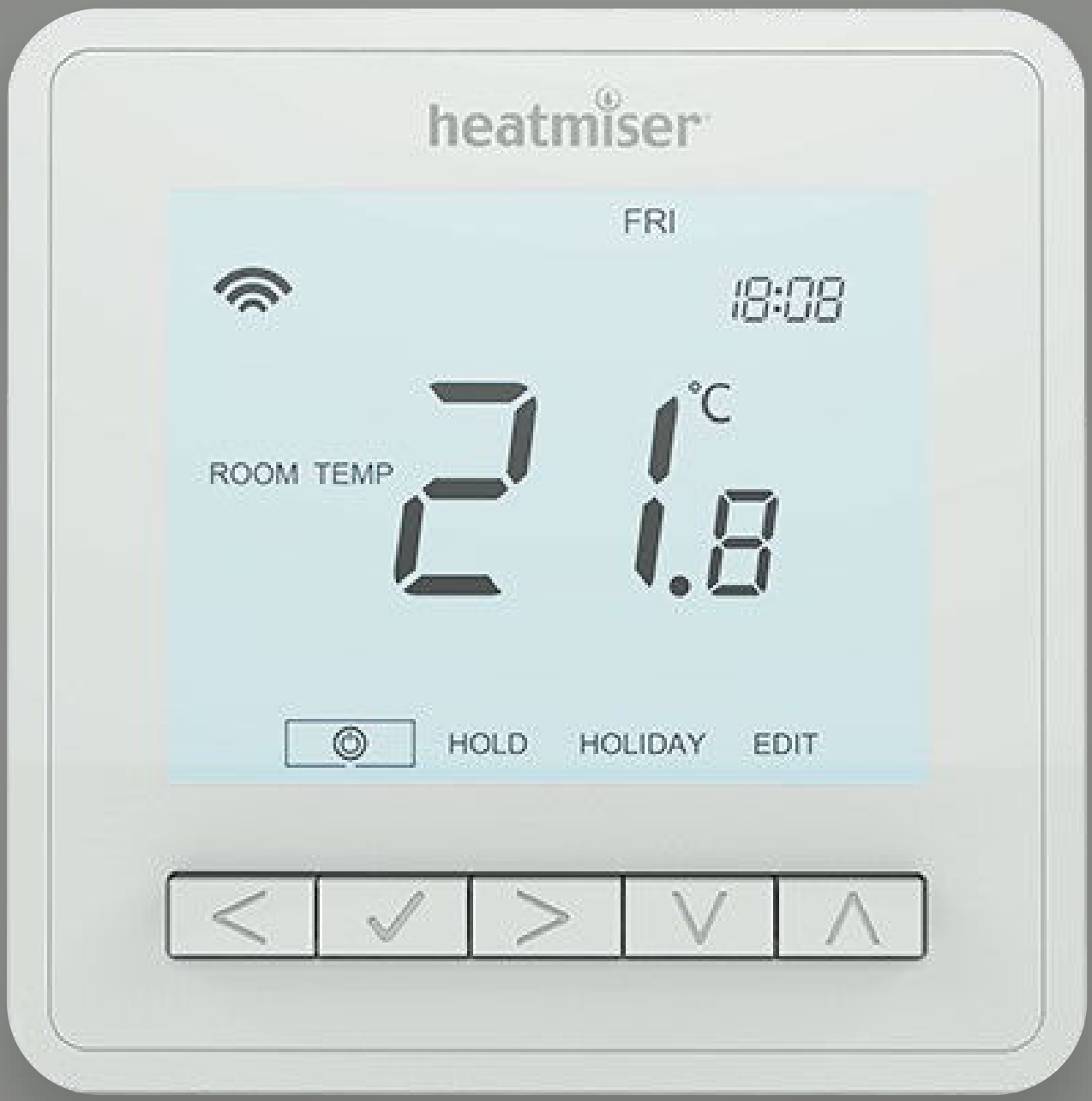
heatmiser®

neo Air V3

Model: neo Air V3



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Installation Procedure

Do
Mount the thermostat at eye level.
Read the instructions fully so you get the best from our product.

Don't
Do not install near to a direct heat source as this will affect functionality.
Do not push hard on the LCD screen as this may cause irreparable damage.

This wireless thermostat is designed to be surface mounted.

Step 1
Carefully separate the front half of the thermostat from the back plate by placing a small flat head terminal driver into the slots on the bottom face of the thermostat.

Step 2
Mark 2 hole positions on the wall using the back plate as a positioning template.

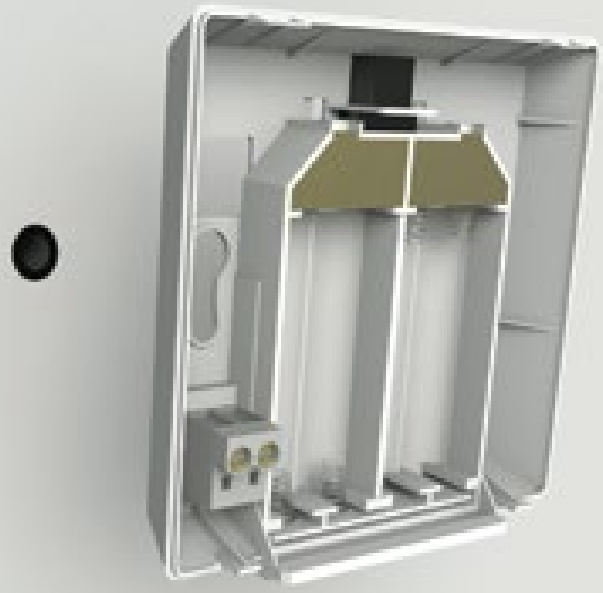
Drill at the marked positions and insert a wall plug into each hole.

Step 3
Screw the thermostat back plate securely on the wall.

Step 4
Clip the front of the thermostat back onto the thermostat back plate.

1

2



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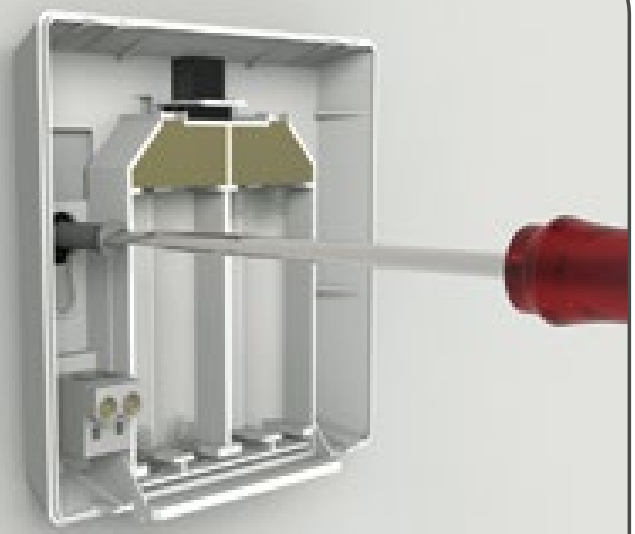

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Installing the Batteries

4 x AAA batteries have been supplied with the neoAir V3.

To access the battery holder, push and release the compartment door located on the bottom face of the thermostat. The thermostat will inform you when the batteries need to be replaced by displaying the battery icon on screen.

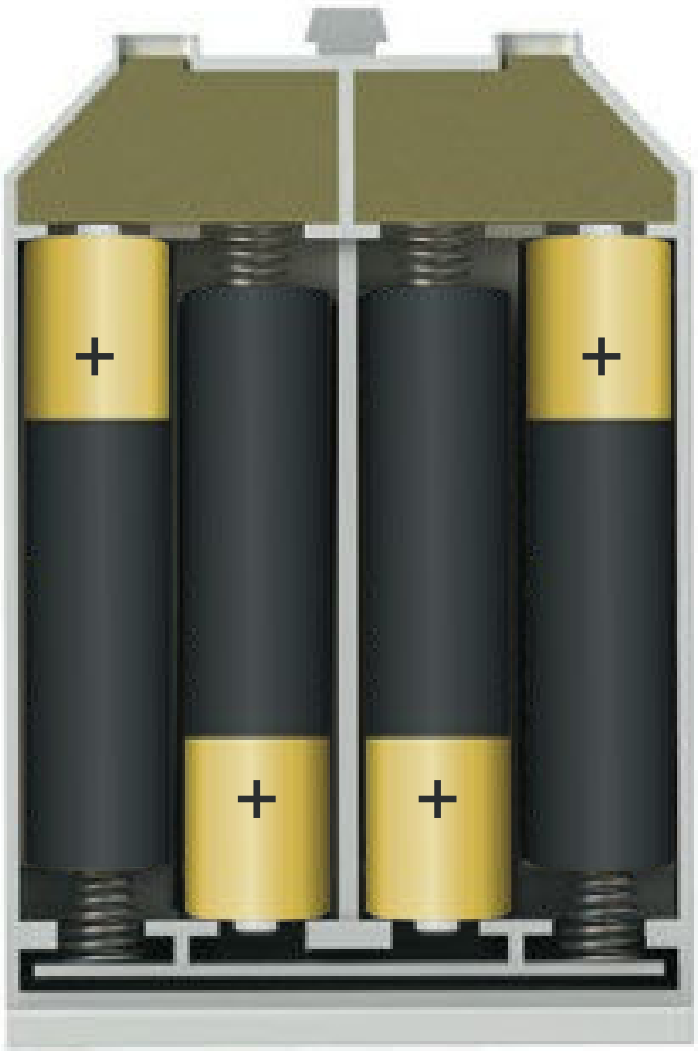
Do **not** use rechargeable batteries with this product!

Always take care to insert batteries correctly according to the designation of polarity ⊕ and ⊖ on the batteries and the equipment.

Remove discharged batteries from equipment and dispose of in accordance with local regulations.

In case of battery leakage, wear protective gloves and eye wear before removal.

The correct battery type must be used to avoid damage to both the batteries and equipment.



Insert the batteries in the empty battery holder, ensuring that each battery is orientated for the correct polarity + / -.

Push the battery holder back inside the thermostat until it is secured in its closed position.

Mode Select

Before pairing the neoAir V3 to your receiver, set the correct mode for your installation. Three different modes are available;

Mode 1 = Thermostat Mode 2 = Timer Mode 3 = Thermostat & HW Timer

Check the compatibility table below for the receiver you are using.

	UH8-RF	UH8-RFV2	RF-Switch	RF-Switch V2	RF-Switch 16A	neoHub Mini OT	neoHub Mini HW
Mode 1	✓	✓	✓	✓	✓	✓	✓
Mode 2	✓	✓	✗	✓	✗	✗	✗
Mode 3	✓	✓	✓	✓	✗	✗	✓

To change the mode on your neoAir V3;

- Use the Left arrow key to highlight ⏻ on the menu..... <
- Press and hold ✓ for 3 seconds ..... ✓
- SETUP is now highlighted, press and hold ✓ for 10 seconds (Until all icons appear)... ✓
- 1, 2 or 3 is shown in the lower left corner, this represents the current mode.....
- Use the left/right arrow keys to change the mode..... < >
- Press ✓ once to confirm..... ✓

The neoAir will revert to the main display for the selected mode.

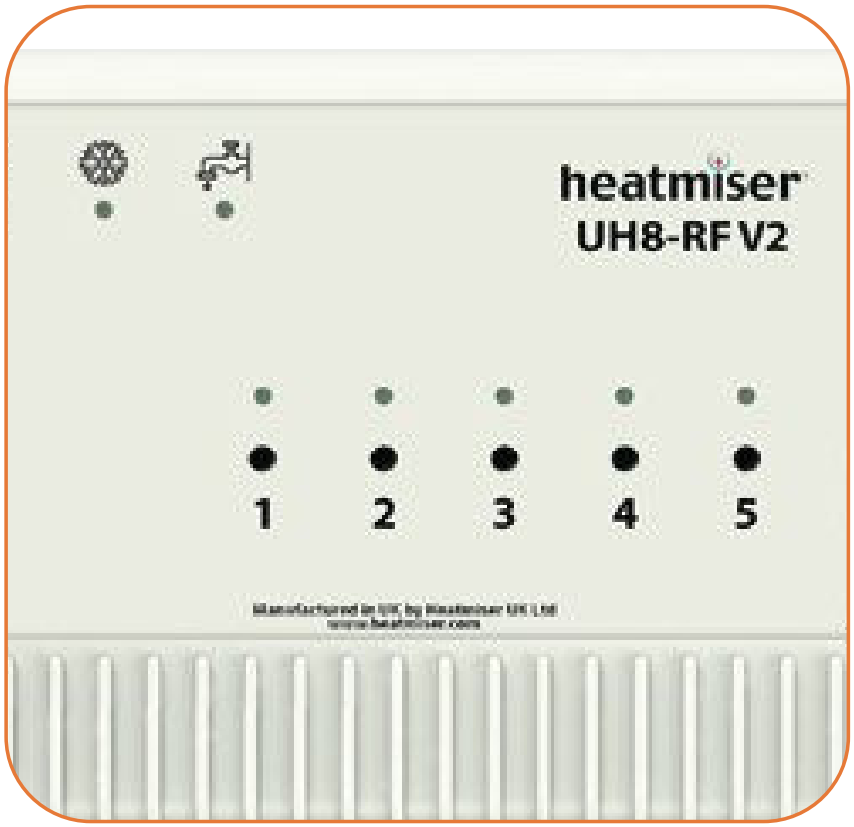
Receiver Type

The neoAir V3 will send a wireless signal to a receiver to switch on the heating or hot water*. Select the receiver type you are using from the list shown here on pages 8 - 9 and follow the pairing instructions on the relevant page.

*Hot Water switching only on certain receiver types, as explained on page 7.

UH8-RF

Pages 10 - 11



UH8-RF V2

Page 12

RF-Switch V1/V2: Page 13 - 14

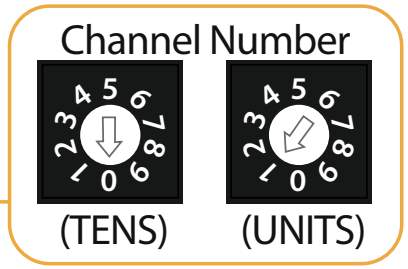
RF-Switch 16 Amp: Page 15

neoHub Mini OT: Page 16 - 17

neoHub Mini HW: Page 16 - 17

Pairing with the UH8-RF Wiring Centre

Remove the cover from the UH8-RF.
The current channel number is set inside on the two dials, these dials are at the top of the circuit board and look like this



Example showing Channel No. 01

(You need to set a unique channel number for each UH8-RF)

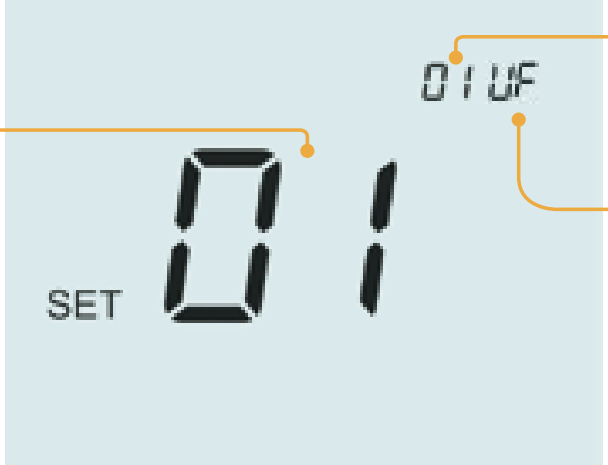
To control heating only, configure the neoAir in mode 1.

To control heating & hot water, configure the neoAir in mode 3. (See page 7)

On the neoAir:

- Use the Left arrow key to highlight ⏻ on the menu..... < >
- Press and hold ✓ for 3 seconds ..... ✓
- SETUP is now highlighted, press ✓ once to access the setup menu..... ✓
- The display will show the number 01 in the top right hand corner.
- Press the Down arrow key twice, P2 is displayed in the top right corner..... ∨
- Press ✓ once..... ✓

UH8-RF Channel Number
01- 99



Zone Number
01- 08

Zone Type
rA = Radiators
UF = Under Floor Heating

- The two large numbers in the centre will flash, use the up/down arrow keys to set this to the channel number of your UH8-RF..... ∧ ∨
- Press ✓ once to confirm..... ✓
- The two small numbers at the top will flash, this represents the zone number the neoAir will be switching, use the up/down arrow keys to adjust..... ∧ ∨
- Press ✓ once to confirm..... ✓
- The two small letters at the top will flash, this represents the zone type;

  rA = Radiators
  UF = Underfloor Heating

  Use the up/down arrow keys to adjust between the two types..... ∧ ∨
- Press ✓ once to confirm the settings, this will exit the setup menu and return to the main display..... ✓

Pairing with the UH8-RF V2 Wiring Centre

To control heating only, configure the neoAir in mode 1.
To control heating & hot water, configure the neoAir in mode 3. (See page 7)

On the neoAir:

- Use the Left arrow key to highlight ⏻ on the menu ..... ✓
- Press and hold ✓ for 3 seconds ..... ✓
- SETUP is now highlighted, press ✓ once to access the setup menu ..... ✓
- The display will show the number 01 in the top right hand corner.
- Press the Down arrow key once, P1 is displayed in the top right corner ..... ✓
- Press ✓ once ..... ✓
- The display will start counting down from 99, pairing mode is now active on the neoAir... ✓

On the UH8-RF V2:

- Press and hold the pairing button on the desired channel until the output indicator LED flashes. Pairing mode is now active on the UH8-RF V2.
- Once the UH8-RF V2 detects the pairing signal from the neoAir, the output light will turn off.

On the neoAir:

- Press ✓ to confirm pairing, this will exit the setup menu and return to the main display ..... ✓

Note: You can pair the neoAir V3 to multiple channels on the UH8-RF V2.

Pairing with the RF-Switch

To control heating only, configure the neoAir in mode 1.
To control heating & hot water, configure the neoAir in mode 3. (See page 7)

On the neoAir:

- Use the Left arrow key to highlight ⏻ on the menu ..... ✓
- Press and hold ✓ for 3 seconds ..... ✓
- SETUP is now highlighted, press ✓ once to access the setup menu ..... ✓
- The display will show the number 01 in the top right hand corner.
- Press the Down arrow key once, P1 is displayed in the top right corner ..... ✓
- Press ✓ once ..... ✓
- The display will start counting down from 99, pairing mode is now active on the neoAir... ✓

On the RF-Switch:

- Press and hold the CH1 button for 5 seconds, the CH1 light will start flashing, pairing mode is now active on the RF-Switch.
- Once the RF-Switch detects the pairing signal from the neoAir, the CH1 light will turn off.

On the neoAir:

- Press ✓ to confirm pairing, this will exit the setup menu and return to the main display ..... ✓
- Pairing complete.

Pairing with the RF-Switch V2

To control heating only, configure the neoAir in mode 1.
To control heating & hot water, configure the neoAir in mode 3. (See page 7)

On the neoAir:

- Use the Left arrow key to highlight ⏻ on the menu ..... ✓
- Press and hold ✓ for 3 seconds ..... ✓
- SETUP is now highlighted, press ✓ once to access the setup menu ..... ✓
- The display will show the number 01 in the top right hand corner.
- Press the Down arrow key once, P1 is displayed in the top right corner ..... ✓
- Press ✓ once ..... ✓
- The display will start counting down from 99, pairing mode is now active on the neoAir... ✓

On the RF-Switch V2:

- Press and hold the CH1 or CH2 button for 5 seconds, the CH1/2 light will start flashing, and pairing mode is now active on the RF-Switch V2.
- Once the RF-Switch V2 detects the pairing signal from the neoAir, the CH1 light will turn off.

On the neoAir:

- Press ✓ to confirm pairing, this will exit the setup menu and return to the main display ..... ✓

- Pairing complete.

Pairing with the RF-Switch 16 Amp

Configure the neoAir in mode 1, as explained on page 7, then follow the steps below.

On the neoAir:

- Use the Left arrow key to highlight ⏻ on the menu ..... <
- Press and hold ✓ for 3 seconds ..... ✓
- SETUP is now highlighted, press ✓ once to access the setup menu..... ✓
- The display will show the number 01 in the top right hand corner.
- Press the Down arrow key once, P1 is displayed in the top right corner..... V
- Press ✓ once..... ✓
- The display will start counting down from 99, pairing mode is now active on the neoAir.. ✓

On the RF-Switch 16 A:

- Press and hold the pair button for 5 seconds, the pair light will start flashing, pairing mode is now active on the RF-Switch.
- Once the RF-Switch detects the pairing signal from the neoAir, the pair light will turn off.

On the neoAir:

- Press ✓ to confirm pairing, this will exit the setup menu and return to the main display..... ✓

- Pairing complete.

Pairing with the neoHub Mini OT/HW

neoHub Mini OT

Configure the neoAir in mode 1, as explained on page 7.
To control a single heating zone, pair the neoAir to the CH1 output.
To control a second heating zone, pair the next neoAir to the CH2 output.

neoHub Mini HW

To control a single heating zone & hot water, configure the neoAir in mode 3 (see page 7), then pair the neoAir to the CH1 output.
The neoAir will automatically pair to the HW output at the same time.

neoHub Mini OT **neoHub Mini HW**

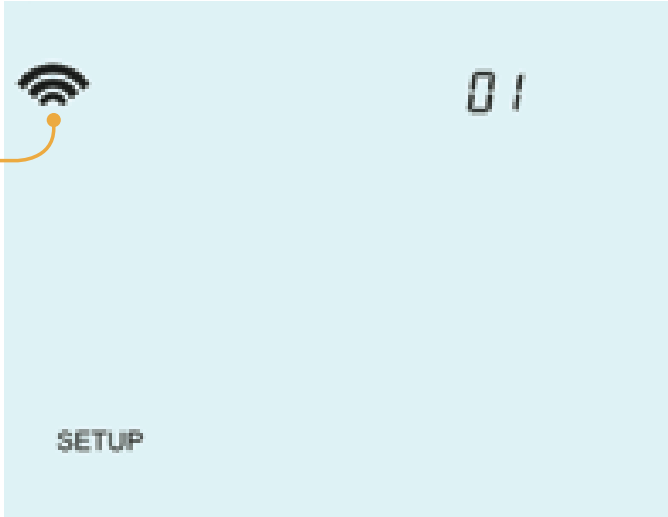
On the neoHub Mini OT/HW:

Press and hold the CH1 or CH2 button for 6 seconds.
The zone light on the hub will flash green to indicate pairing mode is active, example shown (left) paired to CH1;

On the neoAir V3:

- Use the Left arrow key to highlight ⏻ on the menu..... <
- Press and hold ✓ for 3 seconds..... ✓
- SETUP is now highlighted, press ✓once to access the setup menu..... ✓
- The display will show the number 01 in the top right corner.
- Press ✓ once..... ✓
- The mesh symbol will flash in the top left corner of the display.....

- Once paired to the hub, the mesh symbol will be permanently displayed, the zone light on the neoHub Mini will turn off.



- Navigate to ⏻ on the menu.
  Press ✓ once to return to the main neoAir display.

- The next step is to pair the neoHub Mini OT/HW with the neoApp.
  Download the neoApp and register your account.
  Once signed in to the app, select the 'Add neoHub Mini' option in the app and follow the simple step by step pairing instructions.

Pairing with the neoHub

- Connect the neoHub to your router with the ethernet cable provided.
- Connect the neoHub power supply also provided with the hub.
- Download the neoApp and register your account. Sign in to your account, select the 'Add neoHub' option and follow the simple step by step pairing instructions.
- Once you've paired the hub to your account, the next step is to add the neoAir V3. The app will prompt you to 'Add Zone'. Follow the instructions in the app by entering a title for the zone & when the pairing countdown in the app begins, follow the steps below;

On the neoAir V3:

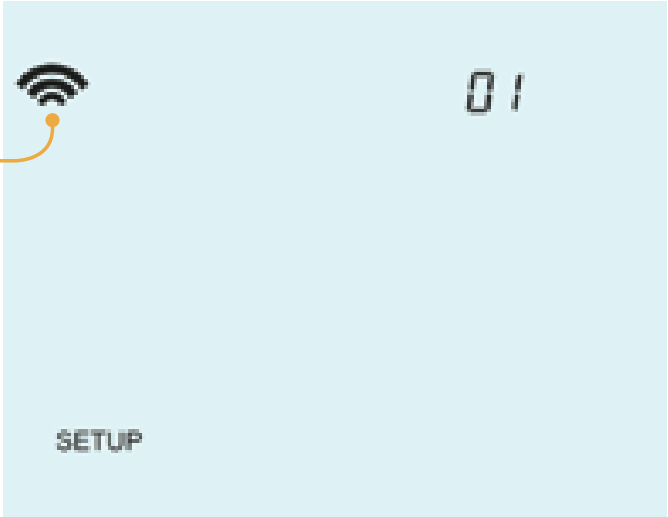
- Use the Left arrow key to highlight ⏻ on the menu.....
- Press and hold ✓ for 3 seconds.....
- SETUP is now highlighted, press ✓ once to access the setup menu.....

  The display will show the number 01 in the top right corner.

  Press ✓ once.....

  The mesh symbol will flash in the top left corner of the display.....

- Once paired to the hub, the mesh symbol will be permanently displayed, the app will confirm that zone has been paired.



- Navigate to ⏻ on the menu.
  Press ✓ once to return to the main neoAir display.

- Press ADD ANOTHER for additional zones or press FINISH to complete setup.

Please note, you only have to pair the neoHub to your account once.
To pair any additional Neo's, select the + icon in the app, then 'Add Thermostat'.

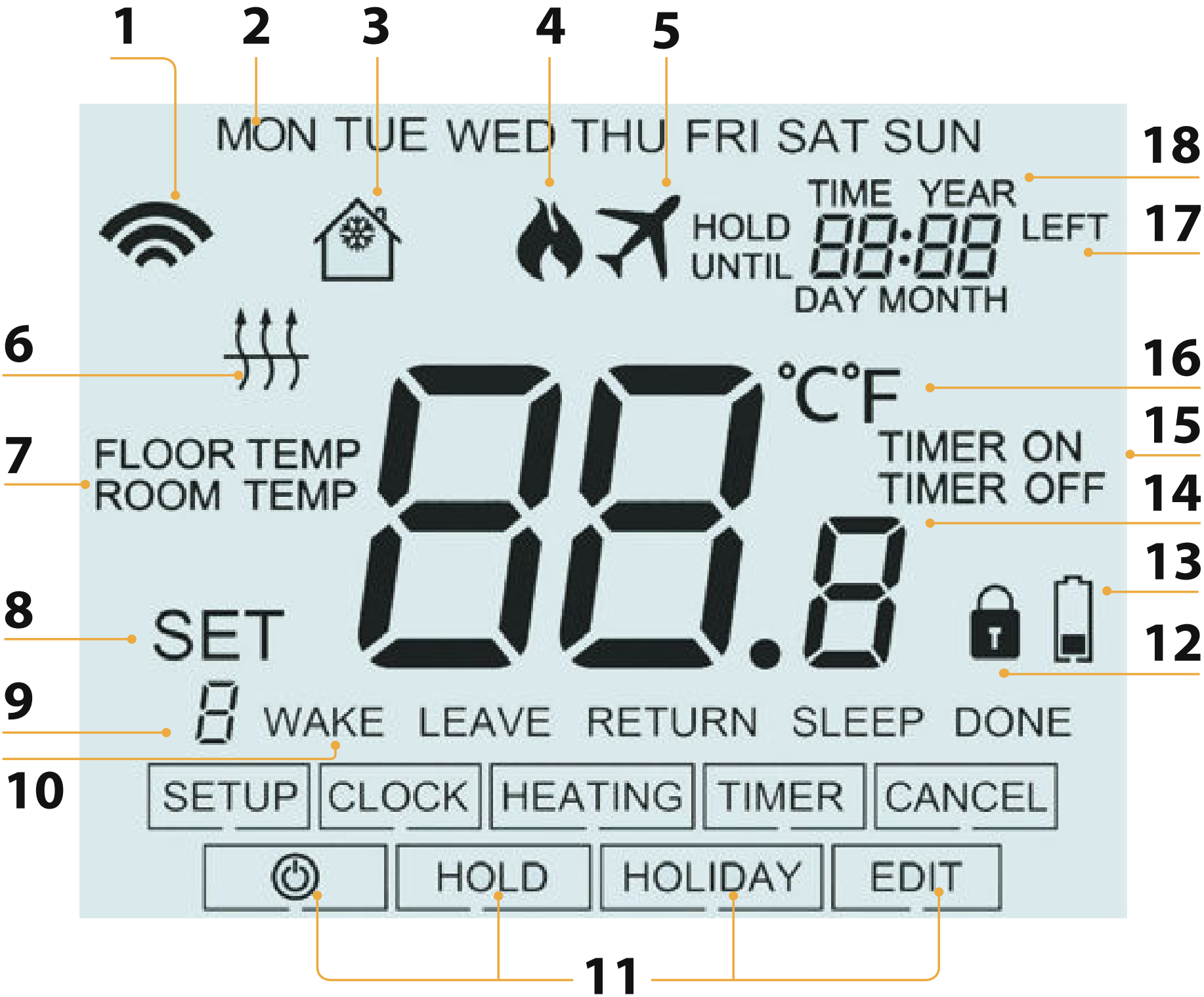
? NeoAir and MESH

The neoAir V3 is not capable of relaying signals from one thermostat to another (MESH). To create an extension of the wireless mesh network you will need to add a neoPlug* or Heatmiser Boost to the system.
The neoAir V3 can also communicate via wired (MESH capable) neoStats.

**The neoPlug is a compatible repeater for the neoAir V3, when used with the neoHub, UH8-RF, RF-Switch or RF-Switch 16A.*

*The neoPlug **is not** a compatible repeater for the neoAir V3 when used with the neoHub Mini HW or neoHub Mini OT.*

1 & 3 Modes 1 & 3 – Thermostat/ Thermostat with Hot Water


1
2
3
4
5
MON TUE WED THU FRI SAT SUN
18
TIME YEAR
HOLD
UNTIL
88:88
LEFT
17
DAY MONTH
6
16
°C°F
7
FLOOR TEMP
ROOM TEMP
15
TIMER ON
TIMER OFF
14
13
8
SET
12
9
8 WAKE LEAVE RETURN SLEEP DONE
10
SETUP
CLOCK
HEATING
TIMER
CANCEL
HOLD
HOLIDAY
EDIT
11

LCD Display

1. Mesh Symbol - Displayed when connected to the neoHub, neoHub Mini HW/OT
2. Day Indicator - Displays the day of the week.
3. Frost Symbol - Displayed when frost protection/standby mode is active.
4. Flame Symbol - Displayed when the thermostat is calling for heat.
5. Holiday – Displayed when the thermostat is in holiday mode.
6. Floor Limit - Displayed when remote floor probe has reached max temp limit.
7. Floor/Room Temp – Indicates the current sensor mode.
8. Set - Displayed when changes are being made to the program schedule or current set point.
9. Program Indicator – Displayed during programming (6 level mode) to show which period is being altered.
10. Program Indicator – Displayed during programming (4 level mode) to show which period is being altered.
11. Main Menu – Displays which option is currently selected.
12. Key Lock Indicator – Displayed when the touch keys are Locked.
13. Battery Indicator – Shown when batteries need replacing.
14. Temperature – Displays the current sensor temperature.
15. Timer Status – Displays the current state of the timed output.
16. Temperature Format - Degrees Celsius or Fahrenheit.
17. Hold Left – Displayed when a temperature hold is active, the remaining time will be shown.
18. Time/Day/Month/Year - Displays when setting the Clock/Calendar or a Holiday Period.

Power On/Off

To turn off the neoAir's display;

- Use the Left arrow key to highlight ⏻ on the menu..... <
- Press and hold ✓ for 3 seconds ..... ✓

The display will show ⏻ , temperature display & heating output is now turned OFF.

To turn on the neoAir V3, press ✓ once..... ✓

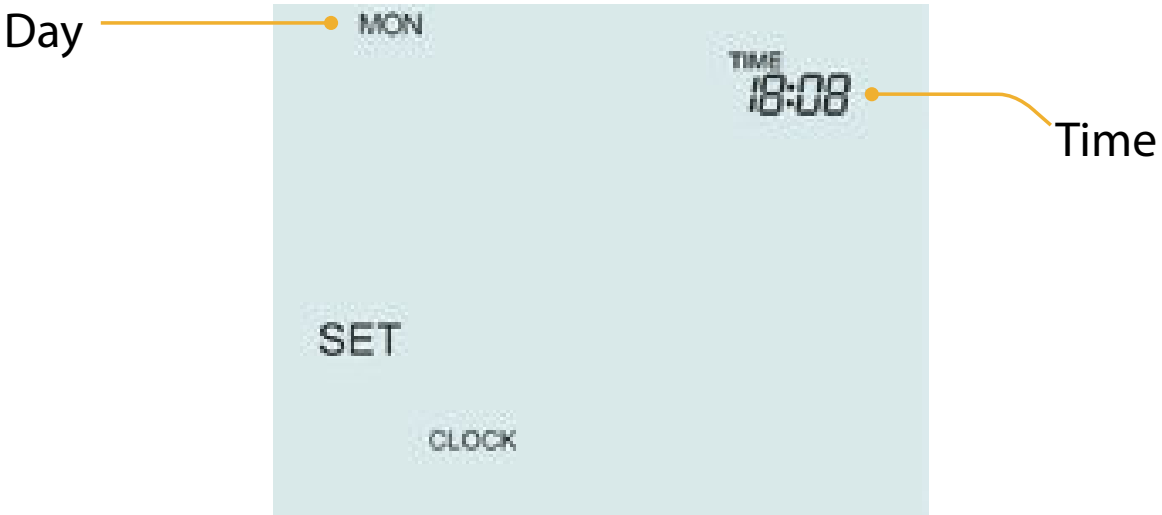
Thermostat completely OFF

Thermostat powered ON

Setting the Clock

To set the clock, follow these steps.

- Use the Left / Right arrow keys to highlight ⏻ on the menu.....
- Press and hold ✓ to turn off the display.....
- Use the right arrow key to select CLOCK .....
- Press ✓ to confirm selection.....
- Use Up / Down keys to set the year .....
- Press ✓ to confirm.....
- Repeat the steps to set the Month, Day & Time.....
- Press ✓ to confirm the new clock settings.....
- Use the down arrow to scroll to highlight ⏻ on the menu .....
- Press ✓ to turn the display on .....



Comfort Levels Explained

The neoAir V3 offers the following program mode options;

- **Weekday/Weekend** (Mon-Fri/Sat-Sun)
- **7 Day** (Each day programmed differently)
- **24 Hour** (All days the same)
- **Non-Programmable** (Simple up/down temperature control, no timing)

Follow the optional settings instructions to first set your prefered program mode. When neoAir's are paired to a neoHub, the program mode is set within the neoApp.

The neoAir V3 has default comfort levels already programmed. Each comfort level is a time & temperature setting to maintain, from that time onwards until the next level.

For any levels you dont want to use, change the time to --:--

The default times and temperature settings are;

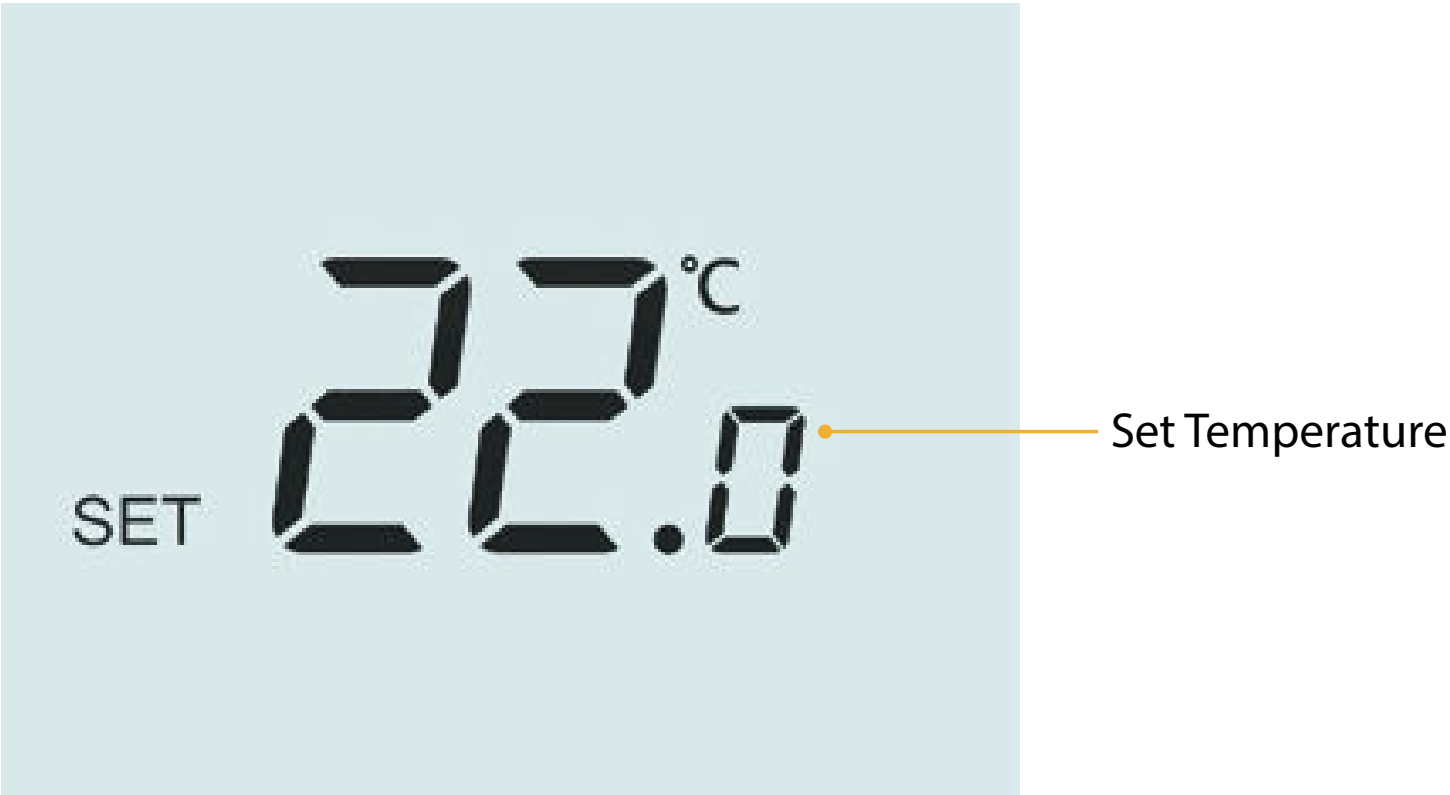
07:00 - 21°C (Wake) 09:00 - 16°C (Leave) 16:00 - 21°C (Return) 22:00 - 16°C (Sleep)

- To program the comfort levels, use the Left / Right keys to scroll to EDIT ..... < >
- Press ✓ to confirm ..... ✓
- Use the Left / Right keys to select day / period of week (the selection will flash). < >
- Press ✓ to confirm ..... ✓
- WAKE will now flash and the current time and temperature setting will be shown.
- Press ✓ to alter WAKE settings ..... ✓

- Use the Up / Down keys to set the hours ..... ∧ ∨
- Press ✓ to confirm ..... ✓
- Use the Up / Down keys to set the minutes ..... ∧ ∨
- Press ✓ to confirm ..... ✓
- Use the Up / Down keys to set the temperature ..... ∧ ∨
- Press ✓ to confirm ..... ✓
- Press the right arrow key ..... >
- LEAVE will now flash and the current settings will be displayed.
- Press ✓ to alter LEAVE settings ..... ✓
- Repeat these steps to program all remaining comfort levels.
- For any unused levels set the time to --:--
- Use the Left / Right keys to scroll to DONE and press ✓..... < > ✓

Temperature Control

- The Up / Down keys allow you to adjust the set temperature..... ∧ ∨
- When you press either key, you will see the word SET and the desired temperature value. Use the Up / Down keys to adjust the SET value..... ∧ ∨
- Press ✓ to confirm settings and return to the main display..... ✓



Note: This new set temperature is maintained only until the next programmed comfort level.

Temperature Hold (Mode 01 Heating only)

The temperature hold function allows you to manually override the current operating program and set a different temperature for a desired period.

- Use the Left / Right keys to scroll to HOLD ..... < >
- Press ✓ to confirm ..... ✓
- Use the Up / Down keys to set the desired Hold period ..... ∧ ∨
- Press ✓ to confirm ..... ✓
- Use the Up / Down keys to set the desired Hold temperature ..... ∧ ∨
- Press ✓ to confirm ..... ✓

You will see the HOLD LEFT indication is displayed on screen.
The time will countdown the set duration and then revert to the normal program.

Hold Left Indicator

Hold Time Remaining

To cancel a temperature hold, highlight HOLD on the menu, press the ✓ key once, press ✓ once again while CANCEL is highlighted.

Temperature Hold (Mode 03 Heating and Hot Water)

The temperature hold function allows you to manually override the current operating program and set a different temperature for a desired period.

- Use the Left / Right keys to scroll to HOLD ..... < >
- Press ✓ to confirm ..... ✓
- The word "Heating" is highlighted, press ✓ to confirm ..... ✓
- Use the Up / Down keys to set the desired Hold period ..... ∧ ∨
- Press ✓ to confirm ..... ✓
- Use the Up / Down keys to set the desired Hold temperature ..... ∧ ∨
- Press ✓ to confirm ..... ✓

You will see the HOLD LEFT indication is displayed on screen.

The time will countdown the set duration and then revert to the normal program.

Hold Left Indicator

Hold Time Remaining

To cancel a temperature hold, select *HOLD* on the main menu, press the ✓ key once. *HEATING* is now highlighted, press the ✓ key once, *CANCEL* is now highlighted, press ✓ again to cancel.

Hot Water Boost (Mode 03 Heating and Hot Water)

To boost the hot water output on, follow these steps.

- Use the Left / Right keys to scroll to HOLD ..... < >
- Press ✓ to confirm ..... ✓
- The word "Heating" is highlighted, use the Left / Right keys to select TIMER then press ✓ to confirm ..... < > ✓
- Use the Up / Down keys to set the boost duration e.g. 02:00 hours ..... ∧ ∨
- Press ✓ to confirm settings and return to main display ..... ✓

Hold Left Indicator

Hold Time Remaining

To cancel a timer boost, select *HOLD* on the main menu, press ✓ once. *HEATING* will now be highlighted, use the left/right arrow keys to select *TIMER*, then press ✓ once. *CANCEL* is now highlighted, press ✓ again to cancel.

Locking the neoAir V3

The neoAir has a touch key lock facility. To activate the lock follow these steps.

- Use the Left / Right keys to scroll to HOLD & press ✓ for 10 seconds. < > ✓
- The display will show 00:00 and you will need to enter a four digit pin number.
- Use the Up / Down keys to enter the first two digits ..... ∧ ∨
- Press ✓ to confirm ..... ✓
- Use the Up / Down keys to enter the second two digits ..... ∧ ∨
- Press ✓ to confirm ..... ✓

The display will return to the main screen and display the keypad lock indicator .....

Note: The touch key lock indicator is only displayed when the lock is active.

Unlocking the neoAir V3

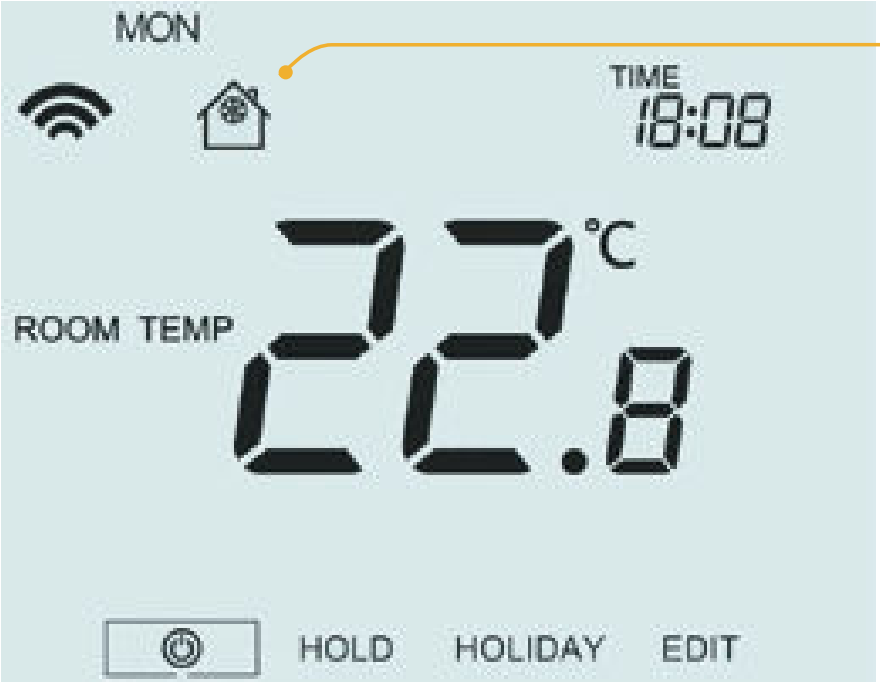
To unlock the neoAir press ✓ once. The display will show 00:00 and you will need to enter the four digit pin number you previously entered.

- Use the Up / Down keys, enter the first two digits then press ✓ ..... ∧ ∨ ✓
- Use the Up / Down keys, enter the second two digits then press ✓ ..... ∧ ∨ ✓

The touch keys will unlock and return to the main screen.

Frost Protection/Standby Mode

- Use the Left arrow key to highlight ⏻ on the menu..... < >
- Press ✓ once to enable frost protection, the symbol appears as shown below..... ✓



Frost/Standby Mode Enabled

Frost Mode

In this mode, the neoAir V3 will only turn ON the heating should the room temperature drop below your frost temperature setting, which has a default of 12˚C.

Standby Mode

In Frost Mode, remove the set temperature and set "--". This means the thermostat won't call for heat while the frost icon is displayed.

Disable Frost/Standby

- Press ✓ once to disable frost protection, the frost symbol will disappear..... ✓

Holiday

In thermostat mode, the holiday function reduces the set temperature in your home to the frost protection temperature setting (see page 32).

The thermostat will maintain this temperature for the duration of the holiday and will then automatically return to the program mode on your return.

In time clock mode, the holiday function maintains the timed output as OFF.
Set a date & time for the holiday period to end, using the steps below;

- Use the Left / Right keys to scroll to HOLIDAY and press ✓ ..... < > ✓
- Use the Up / Down keys to set the year ..... ∧ ∨
- Press ✓ to confirm ..... ✓
- Use the Up / Down keys to set the month ..... ∧ ∨
- Press ✓ to confirm ..... ✓
- Repeat the steps to set the Date & Time ..... ∧ ∨
- Pressing ✓ to confirm ..... ✓

Note: The holiday period will start immediately, and will return to the normal program at the time & date you have configured.

- Use the Left / Right keys to scroll to HOLIDAY and press ✓ ..... < >
- CANCEL is now highlighted, Press ✓ to cancel ..... ✓

Optional Features Explained

THE FOLLOWING SETTINGS ARE OPTIONAL AND IN MOST CASES NEED NOT BE ADJUSTED

Feature 01 – Pairing To Hub: This function is used to pair the neoAir V3 to the following; neoHub / neoHub Mini HW / neoHub Mini OT

Feature 02 - Switching Differential: This function allows you to increase the switching differential of the thermostat. The default is 1°C which means that with a set temperature of 20°C, the thermostat will switch the heating on at 19°C and off at 20°C. With a 2°C differential, the heating will switch on at 18°C and off at 20°C.

Feature 03 - Frost Protect Temperature: This is the temperature maintained when the thermostat is in Frost Mode. The range is 05 - 17°C. The default is 12°C and is suitable for most applications. You can also disable frost protection by setting "--".

Feature 04 – Output Delay: To prevent rapid switching, an output delay can be entered. This can be set from 00 - 15 minutes. The default is 00 which means there is no delay.

Feature 05 – Temperature Up/Down Limit: This function allows you to limit the use of the up and down temperature arrow keys. This limit is also applicable when the thermostat is locked and so allows you to give others limited control over the heating system.

Feature 06 – Sensor Selection: On the neoAir V3 you can select which sensor should be used. You can select between air temperature only, floor temperature, or both. When you enable both sensors, the floor sensor is used as a floor limiting sensor and is designed to prevent the floor from overheating.

Feature 07 – Floor Temp Limit: This function is available when feature 06 is set to 03. You can set a floor limiting temperature between 20-45°C (28°C is the default setting). Note: neoAir V3 MUST NOT be used to control electric under-floor heating.

Feature 08 – Optimum Start: Optimum start will delay the start-up of the heating system to the latest possible moment to avoid unnecessary heating and ensure the building is warm at the programmed time. The thermostat uses the rate of change information to calculate how long the heating needs to raise the building temperature 1°C (with a rate of change of 20, the thermostat has calculated the heating needs 20 minutes to raise the building temperature 1°C) and starts the heating accordingly.

Feature 09 - Rate of Change: Number of minutes for 1°C temperature rise.

Feature 10 – Not used on this model.

Feature 11 – Not used on this model.

Feature 12 – Program Mode: The neoAir V3 offers the following program mode options;

Weekday/ Weekend -	4 comfort levels for Monday - Friday. 4 different comfort levels for Saturday - Sunday.
7 Day Program -	Each day of the week has 4 comfort levels that can be programmed independently.
24 Hour program -	All days of the week are programmed with the same levels.
Non-programmable -	Simple up/down temperature control, no timing.

Feature 13 - Temperature Format: This function allows you to select between °C and °F.

Feature P1 - Pairing: to the RF-Switch, RF-Switch 16 Amp & UH8-RF V2.

Feature P2 - Setting the UH8-RF address: This is the number set on the rotary dials inside the UH8-RF unit, the zone number & zone type.

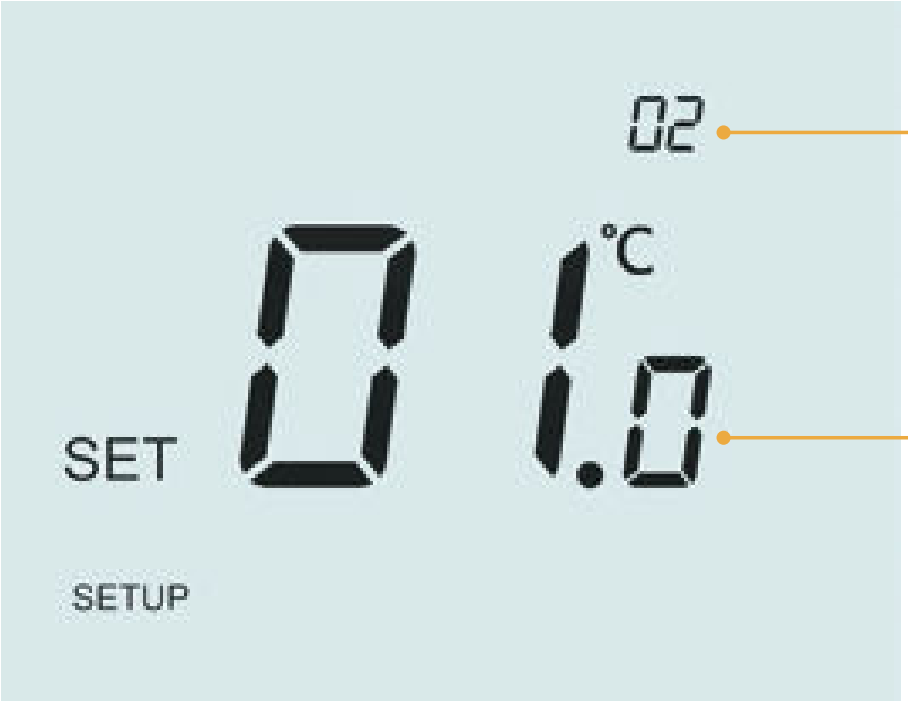
Feature P3 - Failsafe: If the receiver fails to receive a signal from the neoAir V3 within a 40 minute period, it will activate the output for 12 minutes every hour.
The receiver will continue to do this until it receives a signal from the neoAir V3.

Adjusting the Optional Settings

- Use the Left arrow key to highlight ⏻ on the menu..... <
- Press and hold ✓ for 3 seconds ..... ✓
- SETUP is now highlighted, press ✓ once to enter the setup menu..... ✓

The small number at the top right is the feature number.

The large number in the centre is the setting within the feature, as shown below;



Feature Number

Setting Value

- Use the Up/Down keys to select the feature you would like to adjust..... ∧ ∨
- Use the Left / Right keys to adjust the setting within the feature..... < >
- Press ✓ to confirm settings and exit the setup menu ..... ✓

Optional Settings - Feature Table

FEATURE	DESCRIPTION	SETTING
P3	Failsafe	00 = Disabled 01 = Enabled (Default)
P2	Pairing to UH8-RF	00 – 99 = Receiver address/zone no. & type
P1	Pairing to RF-Switch & UH8-RF V2	Commences countdown from 99 – 00 seconds.
Menu Entry Point 01	Pairing to Hub	Used to add zone to the neoHub/neoHub Mini
02	Switching Differential	00.5 = 0.5˚C, 01 = 1.0°C (Default), 02 = 2.0°C 03 = 3.0°C
03	Frost Protection Temperature	05° - 17°C (12°C = Default) "--" = Disabled.
04	Output Delay	00 - 15 Minutes (00 = Default)
05	Up/Down Temperature Limit	00° - 10°C (00 = Default)
06	Sensor Selection	00 = Built in Sensor (Default) 01 = Remote Air Sensor 02 = Remote Floor Sensor 03 = Built in Sensor & Remote Floor
07	Floor Temperature Limit	20°C - 45°C (28°C = Default)
08	Optimum Start	00 - 05 Hours (00 = Default)
09	Rate of Change	Minutes to raise by 1°C
10	Not used on this model	
11	Not used on this model	
12	Program Mode	00 = Non - Programmable 01 = Weekday/Weekend (Default) 02 = 7 Day Programming 03 = 24 Hour Mode
13	Temperature Format	00 = °C, 01 = °F (00 = Default)

Re-calibrating the Thermostat

To re-calibrate the temperature reading, follow these steps.

- Use the Left arrow key to highlight ⏻ on the menu..... <
- Press and hold ✓ for 3 seconds to turn off the display..... ✓
- Press and hold ✓ and Down arrow keys together for 10 seconds..... ✓ ∨
- The current temperature will appear on the display.
- Use the Up / Down keys to configure the new temperature value ..... ∧ ∨
- Press the ✓ key to confirm the change and the display will go blank ..... ✓
- Press the down arrow to highlight the ⏻ ..... ∨
- Press the ✓ key once to turn the thermostat ON ..... ✓

The thermosat will return to the main display reading the new temperature.

Error Codes

In thermostat modes 1 or 3, an error code will appear if a fault is detected with the built in or remote sensor probe..

E0 = The internal sensor has developed a fault.

E2 = The remote probe has not been connected.
The remote probe has not been wired correctly.
The remote probe is faulty.

Factory Reset

To factory reset your neoAir V3 to default settings;

- Use the Left arrow key to highlight ⏻ on the menu..... <
- Press and hold ✓ for 3 seconds ..... ✓
- SETUP is now highlighted, press and hold ✓ for 10 seconds (Until all icons appear)... ✓
- 1, 2 or 3 is shown in the lower left corner, this represents the current mode.....

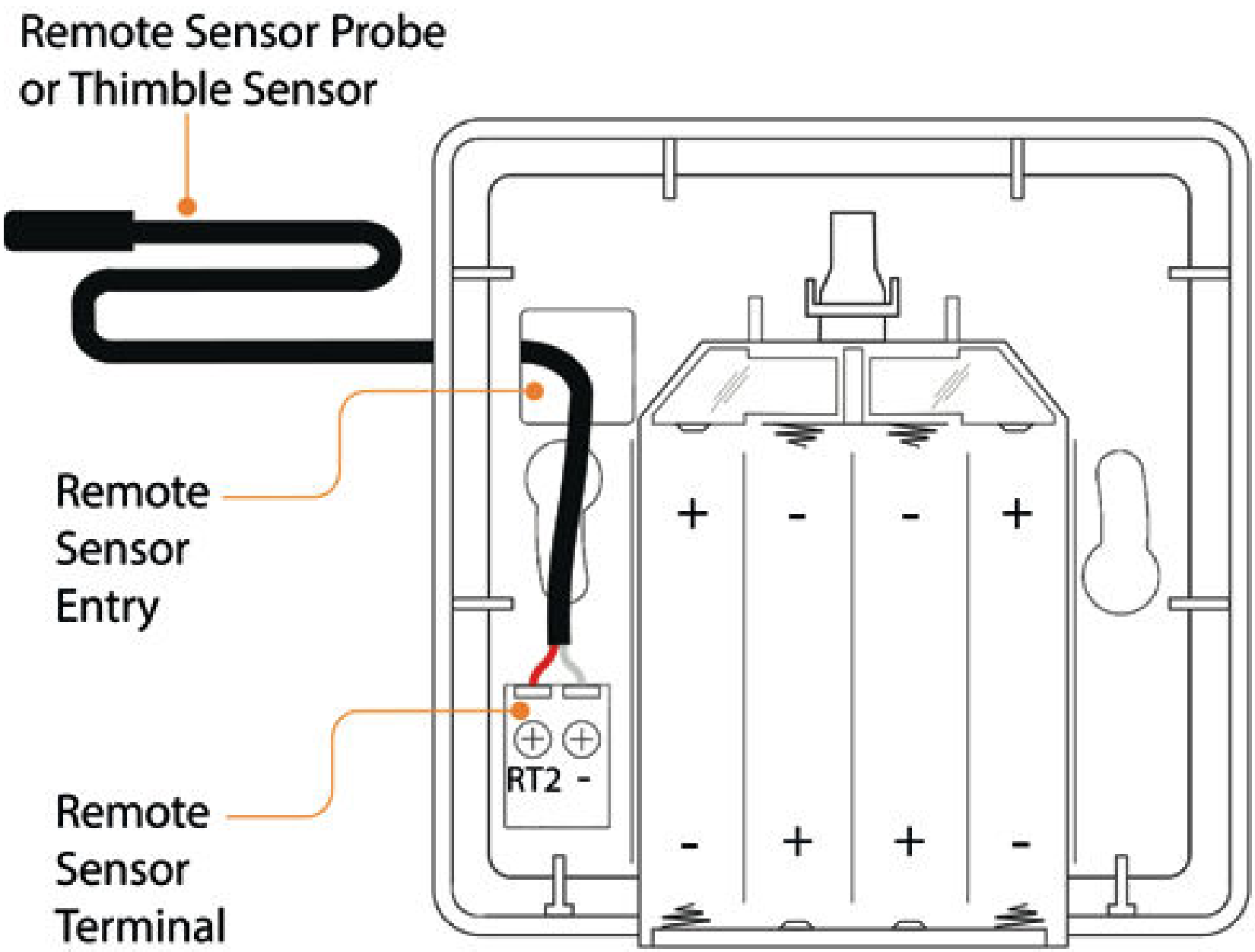
Mode 1 = Thermostat Mode 2 = Timer Mode 3 = Thermostat & HW Timer

- Use the left/right arrow keys to select the mode..... < >
- Press ✓ once to confirm..... ✓

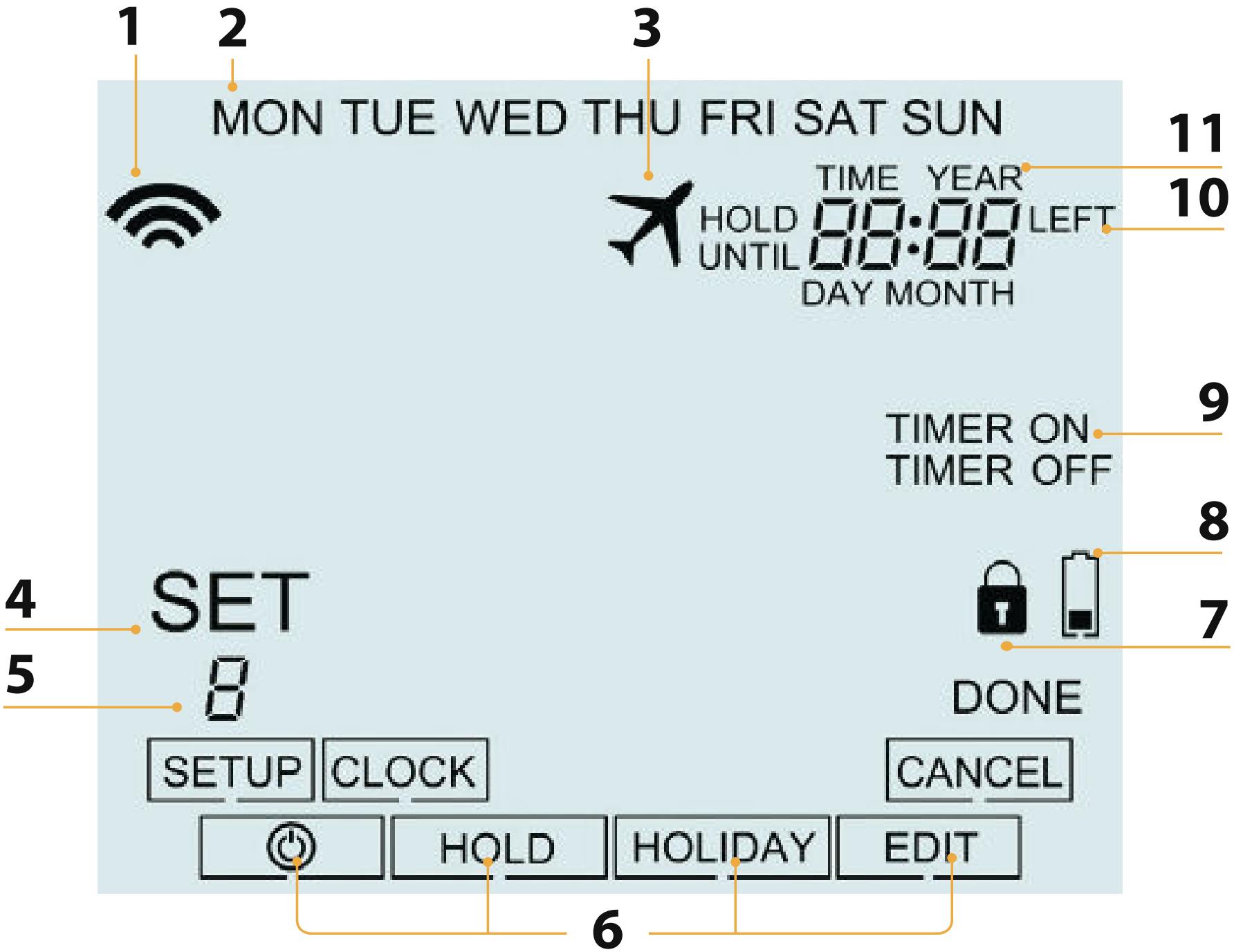
  The neoAir V3 will revert to the main display for the selected mode.
- Remove the batteries then reinsert to complete the reset.

Note: Factory reset will erase all parameters that were entered during pairing and programming. You will need to pair the neoAir V3 to your receiver after factory reset is completed.

Remote Sensor Probe Wiring



2 Mode 2 - Time Clock



LCD Display

1. Comms Symbol - Displayed when connected to the neoHub.
2. Day Indicator - Displays the day of the week.
3. Holiday – Displayed when the time clock is in holiday mode.
4. Set - Displayed when changes are being made to the current set point.
5. Program Indicator - Displayed during programming to show which level is being altered.
6. Main Menu - Displays which option is currently selected.
7. Keypad Lock Indicator – Displayed when the keypad is locked.
8. Battery Indicator – Shown when batteries need replacing.
9. Timer Status – Displays the current state of the timed output.
10. Hold Left - Displayed when a timer hold is active, the remaining time will be shown.
11. Time/Day/Month/Year - Displays when setting the Clock/Calendar or a Holiday Period.

Setting the Switching Times

To program the switching times, follow these steps.

- Use the Left / Right keys to scroll to EDIT and press ✓.....
- Use the Left / Right keys to select day/period of the week .....
- Press ✓ to confirm selection .....
- The number 1 will now flash and the ON time will be displayed.....
- Press ✓ to adjust the ON time.....
- The hours will flash, use the Up / Down keys to set the HOURS.....
- Press ✓ to confirm .....
- The minutes will flash, use the Up / Down keys to set the MINUTES.....
- Press ✓ to confirm .....
- The OFF time is now shown, use the Up / Down keys to set HOURS.....
- Press ✓ to confirm .....
- The minutes will flash, use the Up / Down keys to set the MINUTES.....
- Press ✓ to confirm .....
- Press the Right arrow key .....
- The number 2 will now flash and the ON time will be displayed.....
- Press ✓ to adjust the ON time, repeating the steps above for all levels...
- The number 2 will now flash and the ON time will be displayed.....

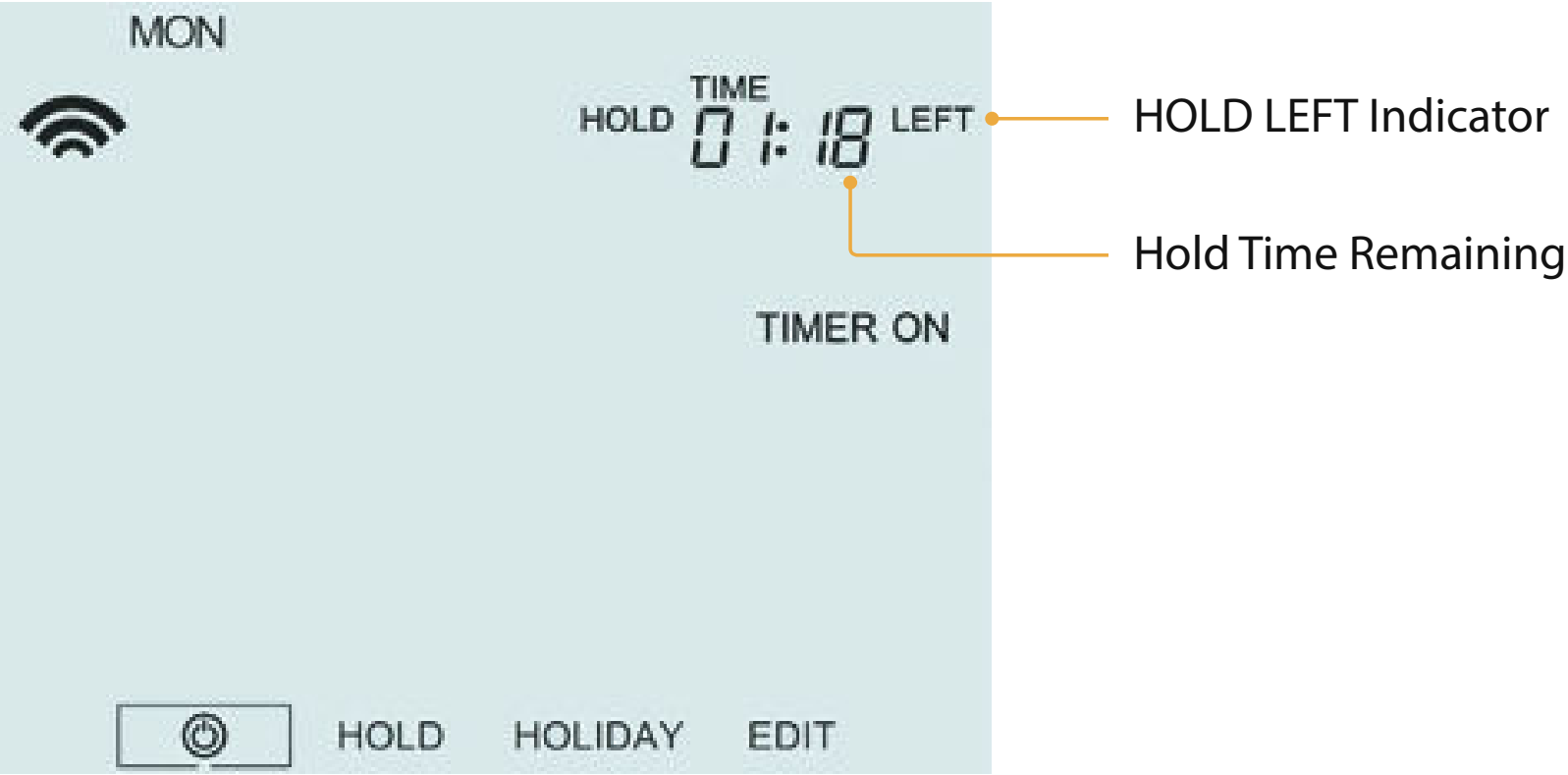
  For any levels you dont want to use, change the time to --:--
- To confirm all changes use the Right key to select DONE and press ✓.....

Timer Override

To override the timed output on, follow these steps.

- Use the Up / Down keys to set the override duration e.g. 02:00 hours .....
- Press ✓ to confirm settings and return to main display.....

Hold Left and the remaining time will now be displayed.



- To cancel the override, press the Down arrow key once.....
- CANCEL is now highlighted, press ✓ to cancel the override.....

Optional Features Explained

Feature 01 – Pairing To neoHub: This function is used to connect the timeclock to the neoHub.

Feature 02 – Program Mode: The time clock offers three programming modes.

Weekday/ Weekend -	4 Switching times for Monday - Friday. 4 different switching times for Saturday - Sunday.
7 Day Program -	Each day of the week has 4 switching times that can be programmed independently.
24 Hour program -	All days of the week are programmed with the switching times.

Feature P1 - Pairing: to the RF-Switch/RF-Switch 16A & UH8-RF V2.

Feature P2 - Setting the UH8-RF address: This is the number set on the rotary dials inside the UH8-RF unit, the zone number and zone type.

Feature P3 - Failsafe: If the RF-Switch or UH8-RF fails to receive a signal from the timeclock within 40 minute period, it will activate to output for 12 minutes every hour. The RF-Switch/UH8-RF will continue to do this until it receives a new signal from the timeclock.

Optional Settings - Feature Table

FEATURE	DESCRIPTION	SETTING
P3	Failsafe	00 = Disabled 01 = Enabled (Default)
P2	Pairing to UH8-RF	00 – 99 = Receiver address, zone no. & type
P1	Pairing to RF-Switch & UH8-RF V2	Commences countdown from 99 – 00 seconds.
01 **Menu Entry Point**	Pairing to Hub	Used to add zone to the neoHub
02	Program Mode	01 = Weekday/Weekend (Default) 02 = 7 Day Programming 03 = 24 Hour Mode

heatmiser®

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PDF

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Hereby, Heatmiser UK Ltd. declares that the radio equipment type (designation of type of radio equipment) is in compliance with Directive 2014/53/EU.
RF Frequency: 868mhz 12.43dBm, 2.4ghz 3.54dBm

Rev.1.2