Nu-Heat
UNDERFLOOR & RENEWABLES

OneZone®

electrical installation manual & setup guide for neoStat control

UNDERFLOOR HEATING
HEAT PUMPS
SOLAR THERMAL

working with you

before, during & after

your project

Nu-Heat Know-How

Contents

System Ref: _____

Electrical installation manual – Nu-Heat OneZone® warm water underfloor heating with neoStat control

Please read this manual fully before fitting your Nu-Heat OneZone® floor heating system. It assumes a basic knowledge of electrical wiring, and of common terms used.

Attention to the advice given in this manual will help to ensure a trouble-free and effective installation. The requirements of the relevant British Standards and other Regulations should always be met.

In line with the company policy of product development, Nu-Heat reserves the right to supply different components to those shown.

Please ensure that this manual remains with the homeowner when installation is complete. It is a companion manual to the *OneZone® Installation Manual*, which shows details of the plumbing components and floor construction.

Electrical components

neoStat thermostat
The neoStat is a mains voltage, hard-wired programmable thermostat with integral smart control functionality. The room/zone is individually programmed for temperature and times of use. This can be independent control or in conjunction with an existing radiator system. For screed and floating floor systems, allowance should be made for the longer warm-up time of underfloor heating. With LoPro®Max systems response time is similar to that of a traditional radiator system.

In order to comply with wiring regulations bathroom zones must have the thermostat fitted outside the room, i.e. next to the door at light-switch height.

Wiring diagrams are shown on pages 8–13.

OneZone® wiring centre
The wiring centre can either be fitted beside or remotely from the heating components. It can be wired to suit individual system requirements.
See pages 9–13 for detailed wiring diagrams.

Free Nu-Heat App
This free app allows you to control the oneZone heating remotely.

See instructions on page 23.

neoHub+ (optional)
Choosing a smart control option gives instant control of heating and hot water from anywhere via Nu-Heat's neoApp. Compatible with Android and Apple devices, using the neoApp can save money and ensures that the home is warm and welcoming when required. And by setting up different profiles for the weekend, work patterns, month or season, the neoApp offers customised control to suit every lifestyle.

Any Nu-Heat underfloor heating system with a neoHub+ smart package is also compatible with Apple HomeKit smart control technology, an easy, secure way to control your home's lights, doors, thermostats and more from your iPhone, iPad or iPod touch.

Energy efficiency (ErP)

The neoStat is rated as Class I under Section 5.2.1.2 Temperature control, of EU Commission Delegated Regulation No. 811/2013.

Boiler Plus legislation

Following a report called *Heat in Buildings*, published in October 2017, *Boiler Plus* legislation came into force in April 2018. It states that:

Time and temperature controls must be installed with any new boiler, if not already present

Planning the installation

1. Read this *Installation Manual* carefully.
2. Check which control method the heating engineer has used for the OneZone® underfloor heating system (see opposite).
3. Agree the position for the wiring centre and thermostat with the homeowner.
4. 1st fix all electrical equipment as per the chosen method of control.
5. After the underfloor heating pipework is installed, 2nd fix the electrical components.
6. Commission the underfloor heating and test its operation.
7. Explain the operation of the OneZone® underfloor heating system to the homeowner and **hand over this *User Guide* for reference**.

System control options

There are two ways to connect the system:

A – Connection is to the radiator circuit

Pipework is connected directly to the radiator circuit meaning that time settings will correspond to the radiator circuit and set-back operation is not possible. With screed and floating floor constructions, heating operation times for the whole system may have to be altered to allow for the longer warm-up time of underfloor heating compared to radiators. With LoPro®-Max systems response time is similar to that of a traditional radiator system.

Refer to pages 9 for wiring details.

OR

B – Connection is at the boiler

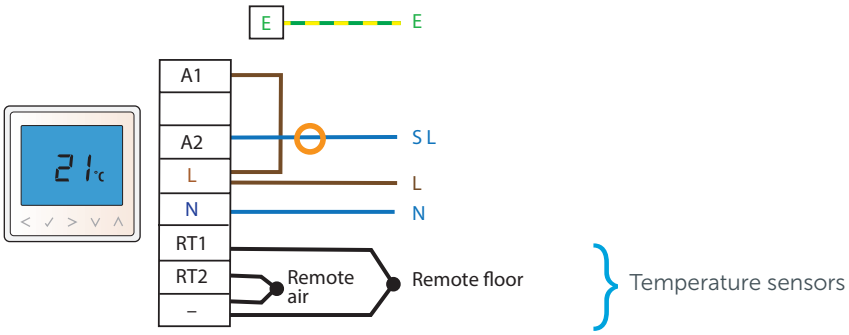
This arrangement gives optimum performance. It allows time and temperature settings for the OneZone® UFH system to be independent of other areas of the home. It also enables use of a set-back temperature facility to reduce warm-up times. Pipework is connected back to the boiler side of any control valves.

What type of heating system do you have?

- Combination boiler → Refer to page 10 for wiring details.
- Boiler & cylinder → What type of system control do you have?
  - S Plan: The system has two 2-port zone valves, one controlling the radiator circuit and the other controlling the cylinder. Refer to page 11 for wiring details.
  - W or Y Plan: The system has a 3-port zone valve controlling both the cylinder and radiator circuits. This system type requires an additional 2-port zone valve to be fitted. Refer to pages 12 –13 for wiring details.
  - Don't know → Please consult your heating engineer or electrician.
- Don't know → Please consult your heating engineer or electrician.

Thermostat connections

NEOSTAT TERMINAL CONNECTIONS



REMOTE TEMPERATURE SENSORS

All OneZone® systems are supplied with a remote floor temperature sensor for use with sensitive floor coverings such as engineered hardwood, vinyls (including Amtico) and linoleums.

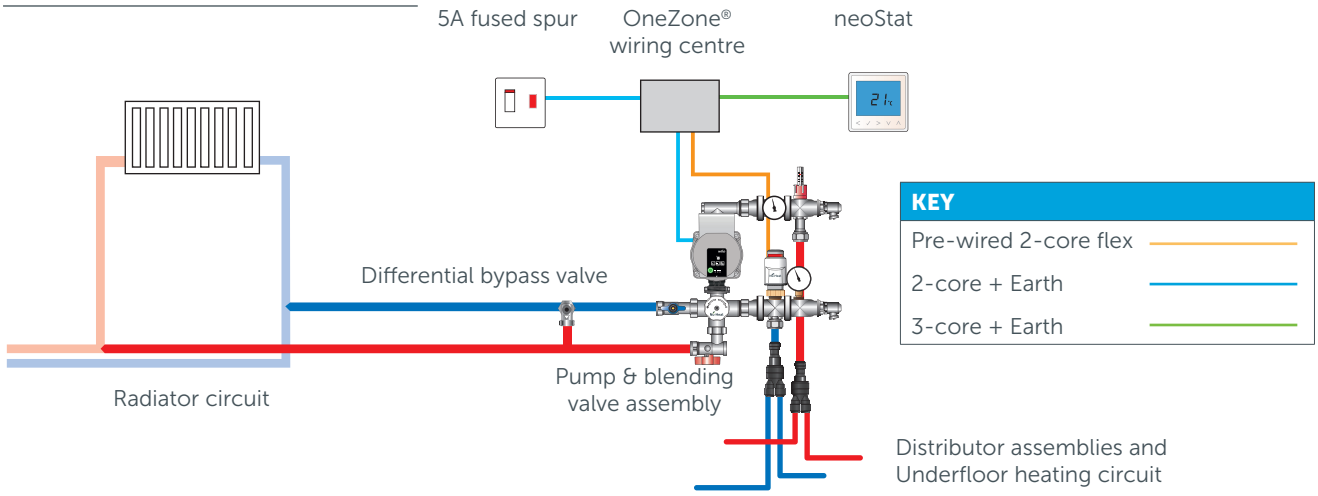
A remote air sensor is available from Nu-Heat for use in wet rooms, if desired.

Note applying to all wiring diagrams:

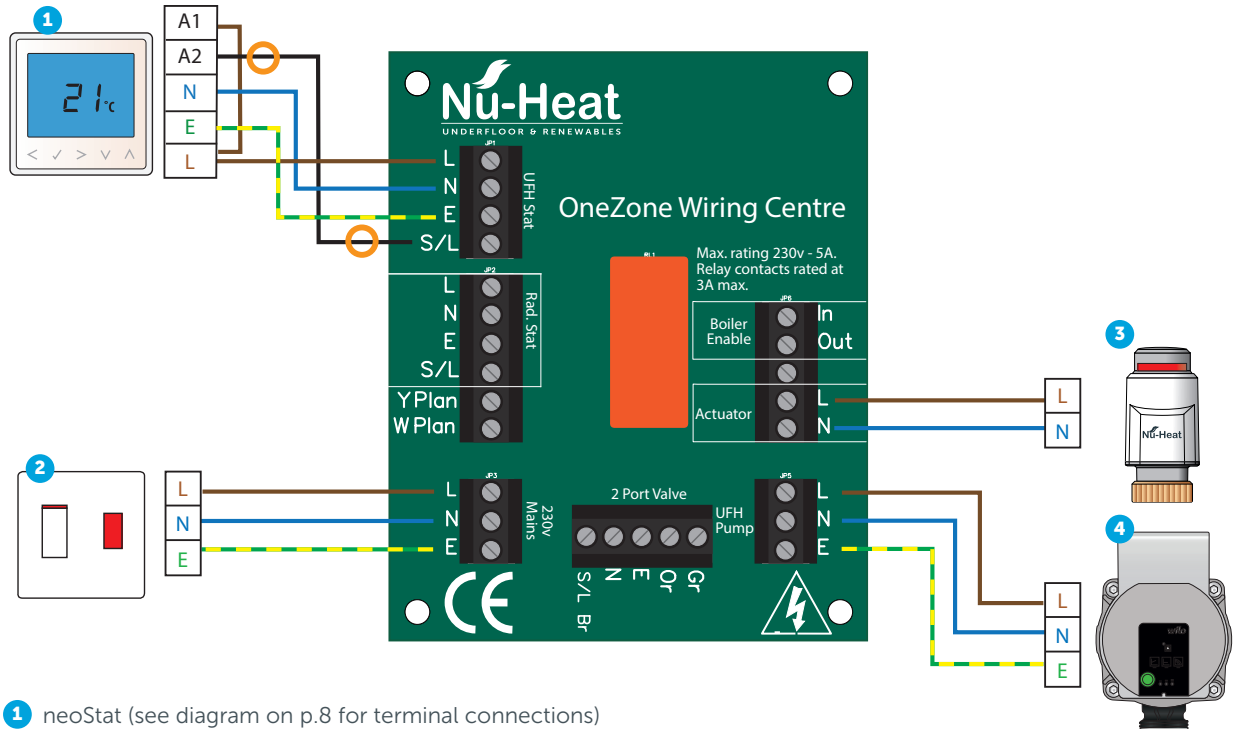
All new electrical works must comply with IEE Regulations and health and safety requirements, and be tested by a competent person before connection to mains voltage.

Systems without direct control of the boiler

SCHEMATIC



WIRING DIAGRAM



1. neoStat (see diagram on p.8 for terminal connections)
2. 5A switched fused spur
3. Zone actuator
4. Underfloor heating pump

KEY

SL	Switched Live
L	Live
E	Earth
N	Neutral
	Live voltage marker sleeve

Notes: Colour of wires may vary from those shown.
Earth where required.

Notes:

a The Nu-Heat underfloor heating programmable thermostat must be set so that heating periods coincide with the availability of hot water in the radiator circuit.

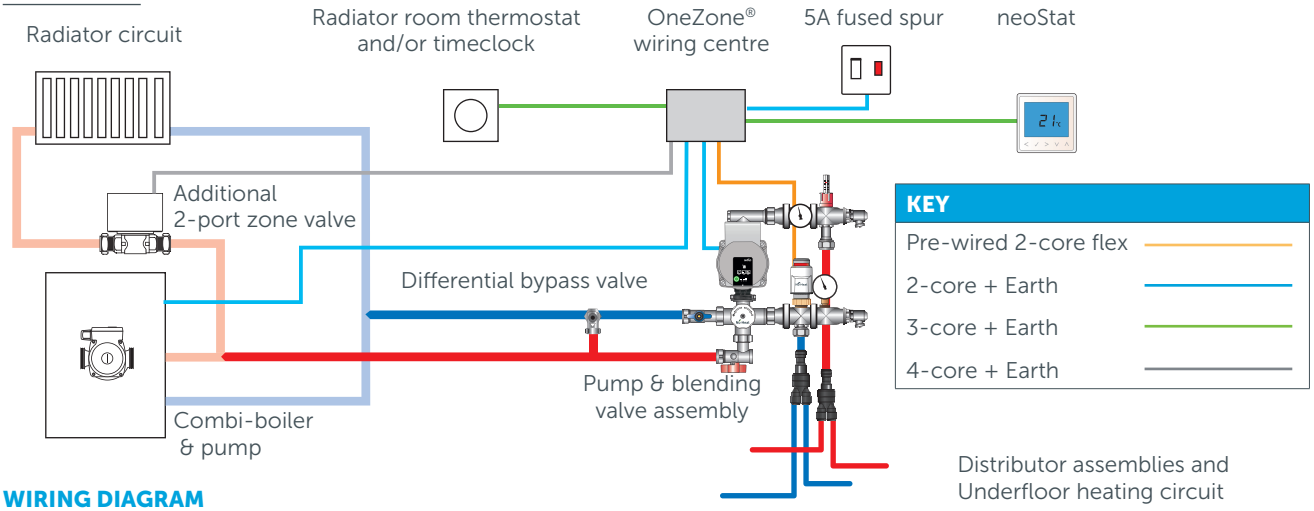
b All new electrical works must comply with IEE Regulations and health and safety requirements, and be tested by a competent person before connection to mains voltage.

c Components shown in outline are not supplied.

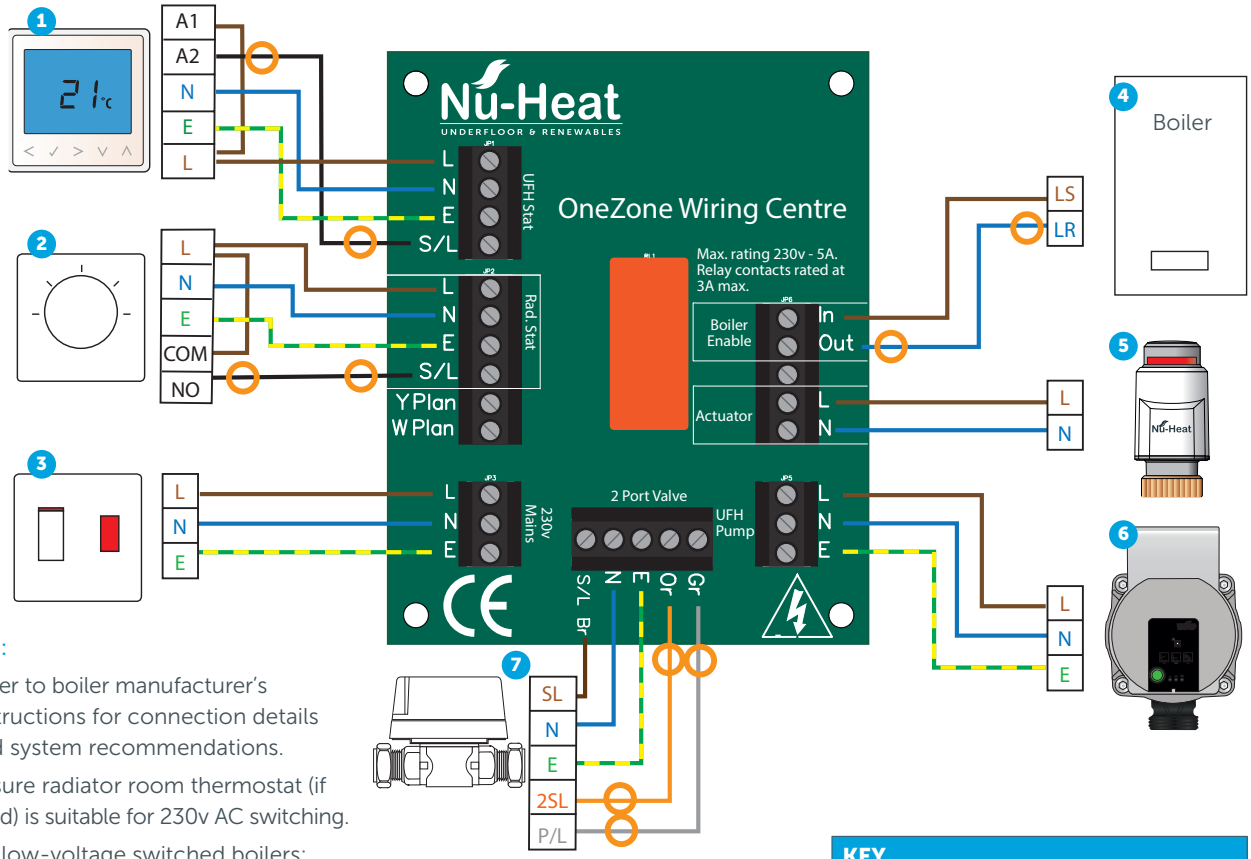
Systems with direct control of the boiler

COMBINATION BOILERS WITH MAINS OR LOW-VOLTAGE SWITCHING

SCHEMATIC



WIRING DIAGRAM



Notes:

- **a** Refer to boiler manufacturer's instructions for connection details and system recommendations.
- **b** Ensure radiator room thermostat (if used) is suitable for 230v AC switching.
- **c** For low-voltage switched boilers: Ls and LR must NEVER be connected to mains voltage.

KEY

SL Switched Live
L Live **N** Neutral
E Earth
LS Live (source) **LR** Live (return)
COM Common **NO** Normally open
Live voltage marker sleeve

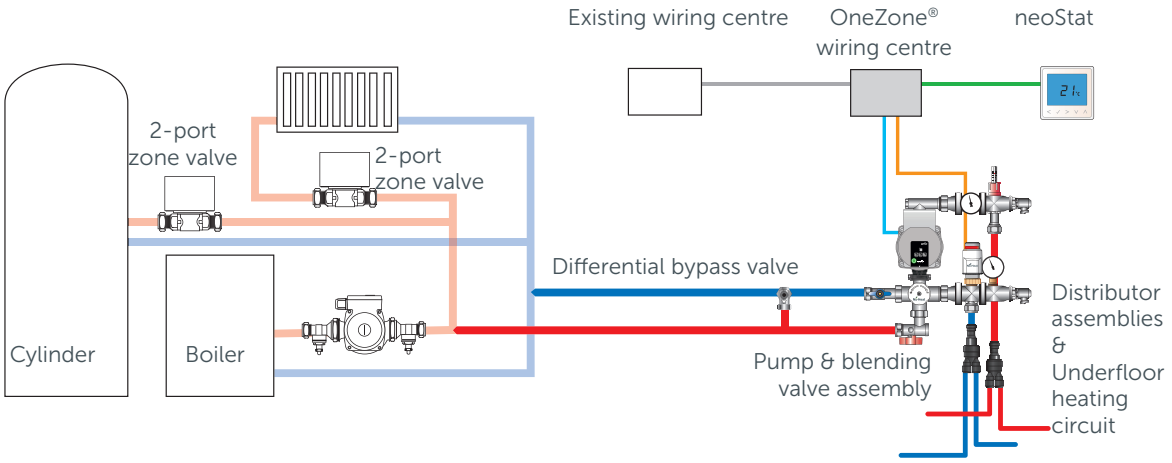
Notes: Colour of wires may vary from those shown. Earth where required.

1. neoStat (see diagram on page 8 for terminal connections)
2. Radiator room thermostat and/or timeclock. Note: number of cable cores depends on the thermostat used – see manufacturer's instructions
3. 5A switched fused spur
4. Boiler and boiler pump
5. Zone actuator
6. Underfloor heating pump
7. Additional 2-port zone valve

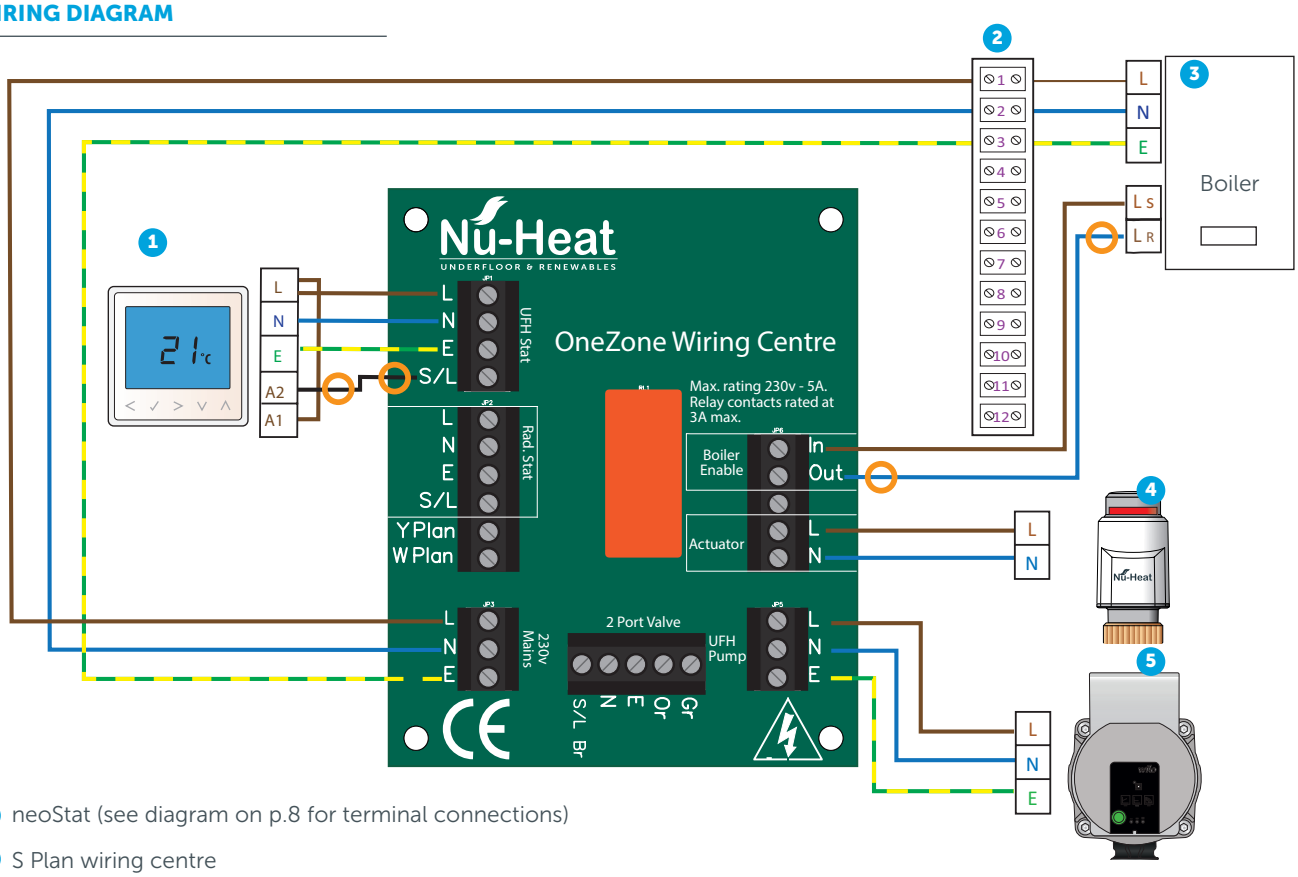
S-PLAN (2 X 2-PORT CONTROL VALVES)

SCHEMATIC

KEY	
Pre-wired 2-core flex	
2-core + Earth	
3-core + Earth	
4-core + Earth	



WIRING DIAGRAM



1. neoStat (see diagram on p.8 for terminal connections)
2. S Plan wiring centre
3. Boiler and boiler pump
4. Zone actuator
5. Underfloor heating pump

KEY			
SL	Switched Live		
L	Live	**N**	Neutral
E	Earth		
Ls	Live (source)	**LR**	Live (return)
	Live voltage marker sleeve		

Notes: Colour of wires may vary from those shown. Earth where required.

Notes:

a The existing connection strip shown should be wired according to Honeywell or Danfoss standard wiring schematics for S-plan (two-port valve), with the addition of the connections detailed here.

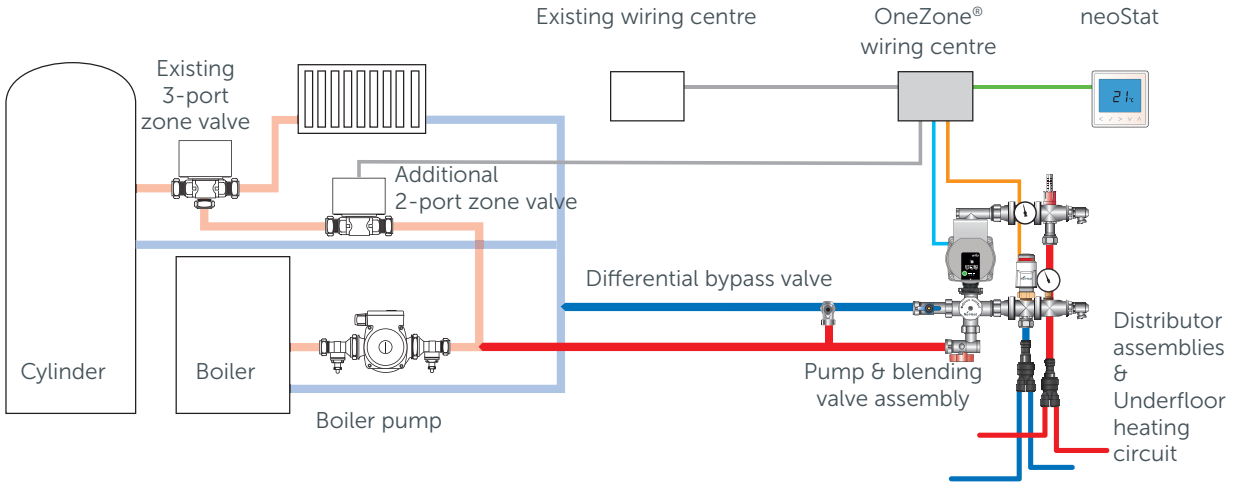
b For low-voltage switched boilers: Ls and LR must NEVER be connected to mains voltage.

W-PLAN (3-PORT CONTROL VALVES) 230V AC SWITCHING

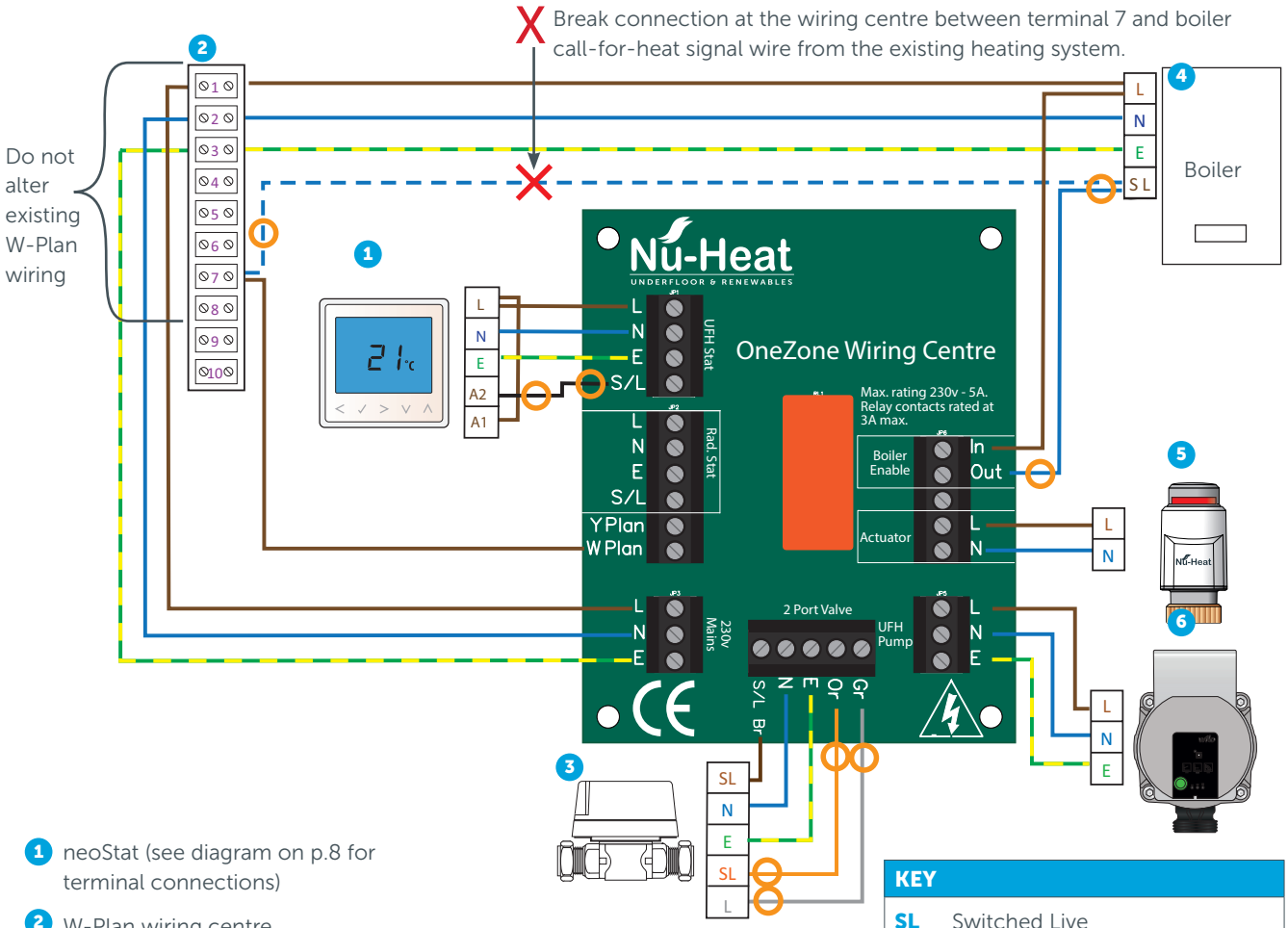
SCHEMATIC

Note: To ensure there is no flow through the 3-port valve when both the radiator and cylinder system are off but the underfloor heating is on, an additional 2-port control valve must be fitted as shown.

KEY	
Pre-wired 2-core flex	
2-core + Earth	
3-core + Earth	
4-core + Earth	



WIRING DIAGRAM



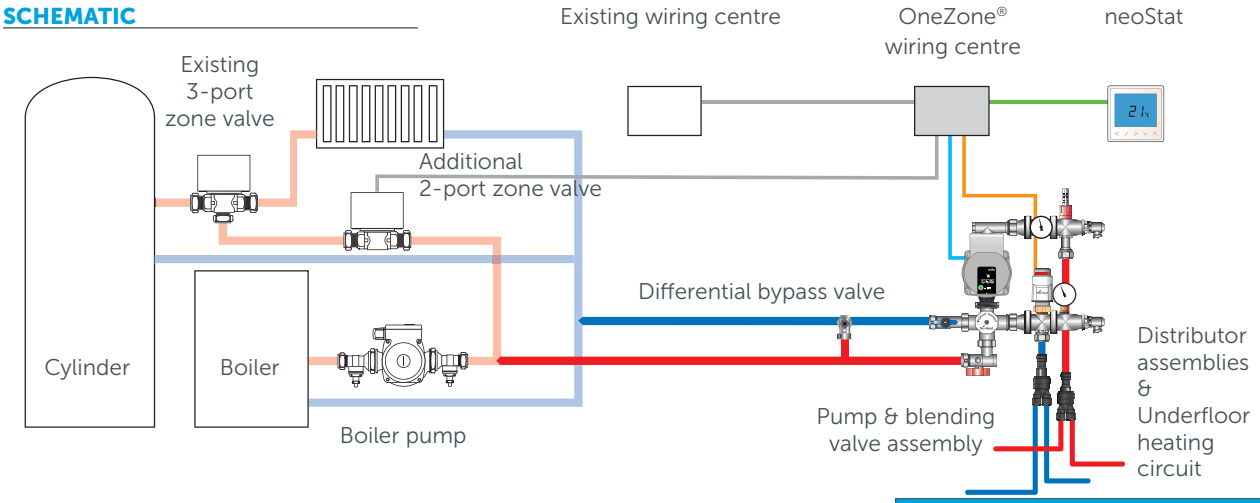
1. neoStat (see diagram on p.8 for terminal connections)
2. W-Plan wiring centre
3. Additional 2-port zone valve
4. Boiler and boiler pump
5. Zone actuator
6. Underfloor heating pump

KEY			
SL	Switched Live		
L	Live	N	Neutral
E	Earth		
	Live voltage marker sleeve		

Notes: Colour of wires may vary from those shown. Earth where required.

Y-PLAN (3-PORT CONTROL VALVES) 230V AC SWITCHING

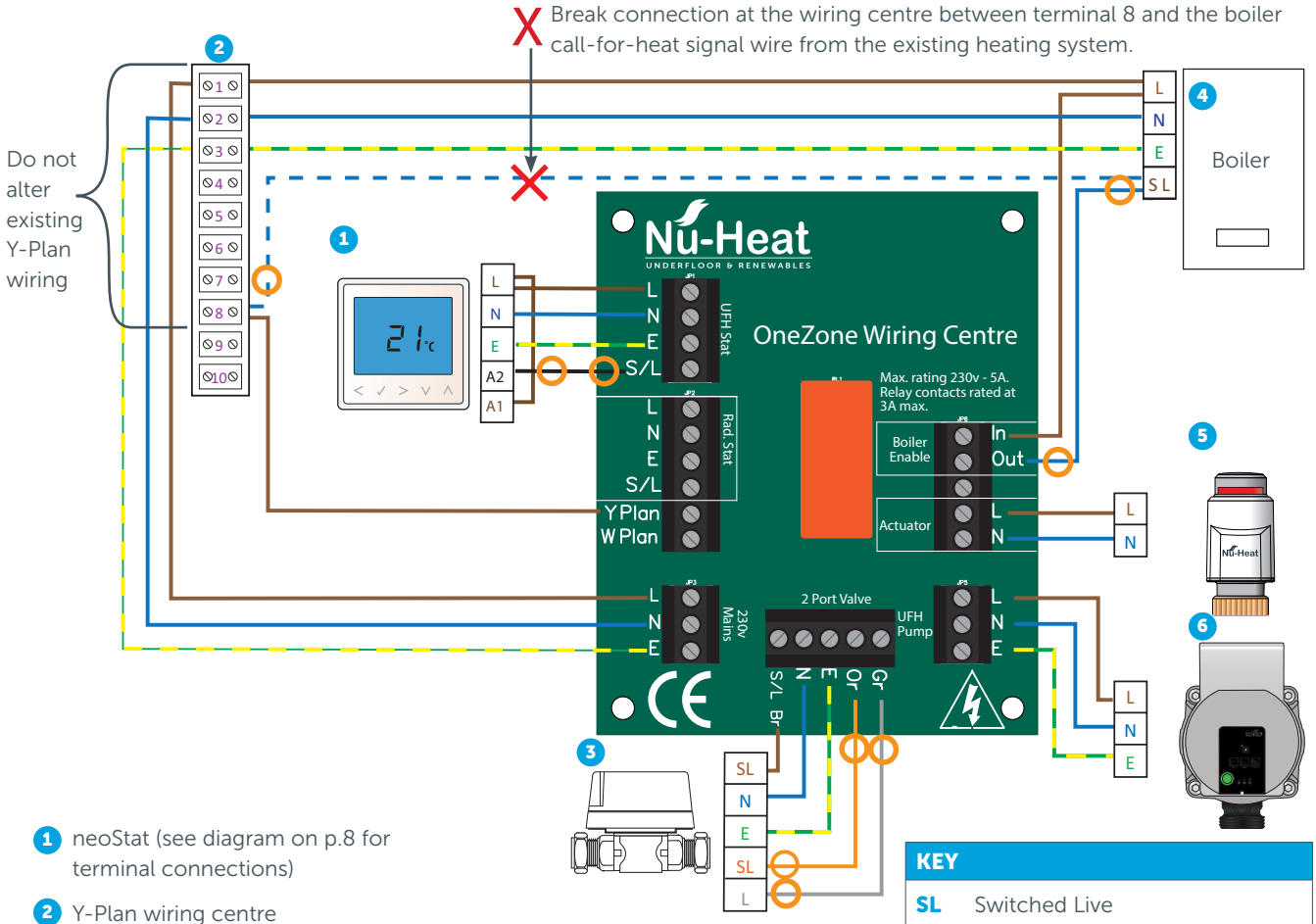
SCHEMATIC



Note: To ensure there is no flow through the 3-port valve when both the radiator and cylinder system are off but the underfloor heating is on, an additional 2-port control valve must be fitted as shown.

KEY	
Pre-wired 2-core flex	
2-core + Earth	
3-core + Earth	
4-core + Earth	

WIRING DIAGRAM



1. neoStat (see diagram on p.8 for terminal connections)
2. Y-Plan wiring centre
3. Additional 2-port zone valve
4. Boiler and boiler pump
5. Zone actuator
6. Underfloor heating pump

KEY	
SL	Switched Live
L	Live
E	Earth
N	Neutral
	Live voltage marker sleeve

Notes: Colour of wires may vary from those shown. Earth where required.

Systems with neoStat

neoStat combines the functions of a room thermostat and programmer

A programmer allows you to set ON and OFF periods to suit your own lifestyle.

A room thermostat works by sensing the air temperature, switching on the heating when the air temperature falls below the thermostat setting, and switching it off once this set temperature has been reached.

A programmable room thermostat lets you choose what times you want the heating to be on, and what temperature it should reach while it is on. It will allow you to select different temperatures in your home at different times of the day (and days of the week) to meet your particular needs and preferences.

Setting a programmable room thermostat to a higher temperature will not make the room heat up any faster. How quickly the room heats up depends on the design and size of the heating system.

Similarly reducing the temperature setting does not affect how quickly the room cools down. Setting a programmable room thermostat to a lower temperature will result in the room being controlled at a lower temperature, and saves energy.

The way to set and use your programmable room thermostat is to find the lowest temperature settings that you are comfortable with at the different times you have chosen, and then leave it alone to do its job.

The best way to do this is to set the room thermostat to a low temperature – say 18°C and then turn it up by 1°C each day until you are comfortable with the temperature.

You won't have to adjust the thermostat further. Any adjustment above this setting will waste energy and cost you more money.

You are able to temporarily adjust the heating program by overriding or using the temperature hold feature. These features are explained further on pages 18–19 of this manual.

System startup

Once your system has been commissioned it should be fully operational. To initially check that your system is turned on and working please follow these simple steps:

Underfloor heating
Locate the main components of your installation: the boiler, hot water cylinder, OneZone® pump and manifold assembly, thermostat and OneZone® wiring box.

Electricity supply
Ensure that the electrical installation is complete and that the heating system is turned on. The location of the main supply ON/OFF switch may vary but is often positioned next to the boiler. There may be an additional switch located at the OneZone® wiring box which also needs to be on.

Settings for underfloor heating

UNDERFLOOR HEATING

Consideration should be given to the floor construction and floor finish used in the room with OneZone, as these factors will affect the time the system will take to achieve comfort conditions.

Note that systems without direct boiler control cannot operate at times when the radiator circuit is off.

The temperature chosen as the setback temperature will depend upon the situation:

- For new build properties this will generally be 4-6°C lower than the comfort setting, although again, this can be experimented with.
- Renovated properties with LoPro®Max may work best with a lower setback temperature, in order that the heating remains off outside of the times at which the comfort temperature is selected.
- Less thermally responsive floors, in particular screed floors greater than 65mm thick, will achieve comfort temperatures more quickly when the setback temperature is closer to the comfort temperature.

Setting up neoStat

INSTALLATION PROCEDURE

Programmable room thermostats need a free flow of air to sense the temperature, so they must not be covered by curtains or blocked by furniture. Nearby fires, televisions, wall or table lamps may also prevent the thermostat from working properly.

Do

- Mount the neoStat at eye level.
- Read the instructions fully so you get the best from the product.

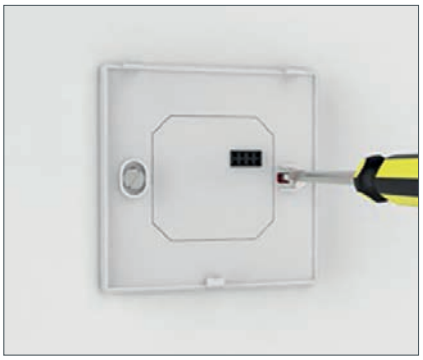
Don't

- 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.

1 Using a small screwdriver, slightly loosen the screw from the bottom face of the thermostat. You can then carefully separate the front half from the back plate.

2 Place the thermostat front somewhere safe.

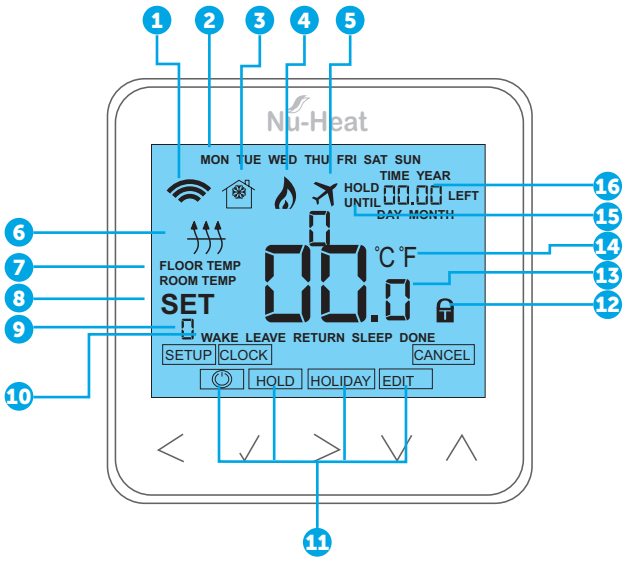
Terminate the neoStat as shown in the diagrams on page 8 of this booklet.



3 Screw the neoStat back plate securely into the back box.

4 Clip the front of the neoStat onto the back plate, securing it in place with the retaining screw.

Thermostat operation



1. Mesh symbol
2. Day
3. Frost protection
4. Flame symbol
5. Holiday
6. Floor limit symbol
7. Floor temp/Room temp
8. Set*
9. Programme indicator (6-level)
10. Programme indicator (4-level)
11. Main menu navigation
12. Keypad lock indicator
13. Temperature (current)
14. Temperature format
15. Hold left
16. Time/Day/Month/Year

*SET = Displayed when changes are being made to the program schedule or current set point.

ERROR CODES

When used as a thermostat the screen will display an error code if a fault is detected.

E0 = The internal sensor has developed a fault.

E1 = The remote **FLOOR** probe has not been connected.

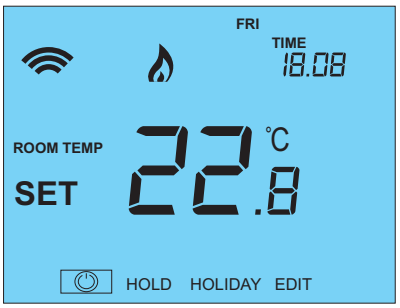
The remote **FLOOR** probe has not been wired correctly.

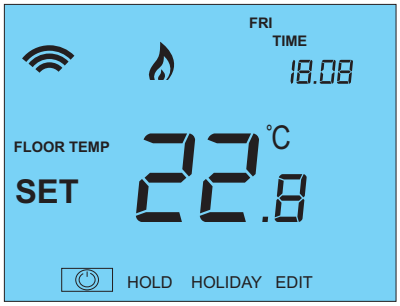
The remote **FLOOR** probe is faulty.

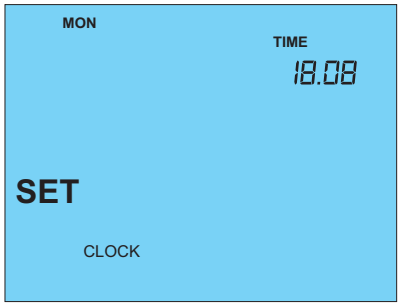
E2 = The remote **AIR** probe has not been connected.

The remote **AIR** probe has not been wired correctly.

The remote **AIR** probe is faulty.







Temperature display

The neoStat V2 can be configured for different sensor options such as built in air sensor, floor sensor or both. The display will clearly indicate which sensor is being used by showing either ROOM TEMP or FLOOR TEMP before the actual temperature value.

When the neoStat is set to use both the air and the floor sensor, the room temperature will be displayed by default.

1 To view the current floor temperature, press and hold the < and > arrow keys for 5 seconds, the floor temperature will then be displayed.

Setting the clock

To set the clock, follow these steps.

1 Use the < / > keys to scroll to POWER
2 Press and hold ✓ to turn off the display
3 Use the > key to select CLOCK
4 Press ✓ to confirm selection
5 Use the ▼/▲ keys to set the Year
6 Press ✓ to confirm selection
7 Repeat the steps to set the Month, Date & Time
8 Press ✓ to confirm the new clock settings
9 Use ▼ arrow to scroll to POWER
10 Press ✓ to turn the display on

Comfort levels explained

The neoStat offers three program mode options: Weekday/Weekend programming, 7 Day programming and 24 Hour programming. There is also the option to use the thermostat as a Non-Programmable thermostat.

When thermostats are connected to the mesh network, the program mode for the system is configured by using the neoApp.

The thermostat is supplied with comfort levels already programmed, but these can be changed easily. The default times and temperature settings are;

07:00 / 21˚C (wake)
09:00 / 16˚C (leave the house)

16:30 / 21˚C (return home)
22:00 / 16˚C (sleep)

If you only want to use 2 levels, you should program the unused levels to --:--.

For Weekday/Weekend programming, the four comfort levels are the same for Mon-Fri, but can be different for Sat-Sun. For 7 Day programming each day of the week can have four different comfort levels. In 24 Hour mode all days are programmed with the same comfort levels.

To program the comfort levels:

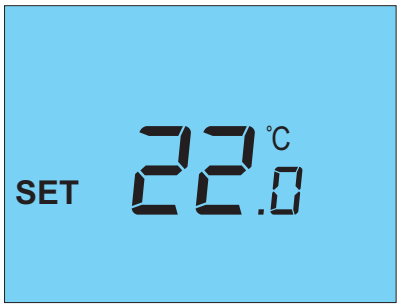
1 Use the < / > keys to scroll to EDIT
2 Press ✓ to confirm selection
3 Use the < / > keys to select day / period of week (the selection will flash).
4 Press ✓ to confirm selection

WAKE will now flash and current time and temperature setting will be shown.

5 Press ✓ to alter WAKE settings
6 Use the ▼/▲ keys to set the hours
7 Press ✓ to confirm
8 Use the ▼/▲ keys to set the minutes
9 Press ✓ to confirm
10 Use the ▼/▲ keys to set the temperature
11 Press ✓ to confirm the settings
12 Press the > arrow key

LEAVE will now flash and the current settings will be displayed.

13 Press ✓ to alter LEAVE settings
14 Repeat these steps to set all comfort levels.
15 For any unused periods set time to --:--
16 Use the < / > keys to scroll to DONE and press ✓

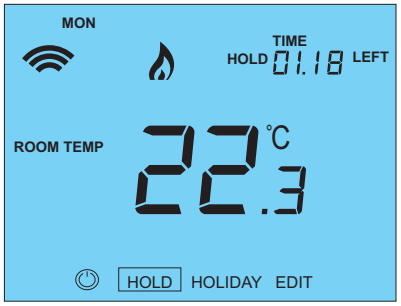


Temperature control

1 The ▼/▲ 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 ▼/▲ keys to adjust the SET value.

2 Press ✓ to confirm settings and return to the main display.

Note: This new temperature is maintained only until the next programmed comfort level. At this time, the thermostat will revert back to the programmed levels.



Temperature hold

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

1 Use the < / > keys to scroll to HOLD

2 Press ✓ to confirm selection

3 Use the ▼/▲ keys to set the desired Hold period

4 Press ✓ to confirm selection

5 Use the ▼/▲ keys to set the desired Hold temperature

6 Press ✓ to confirm selection

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.

To cancel a temperature Hold, with hold selected on the main menu, press the ✓ key and then press tick again while Cancel is highlighted.

Locking the neoStat

The thermostat has a keypad lock facility. To activate the lock follow these steps:

1 Use the < / > keys to scroll to HOLD & press ✓ for 10 seconds.

2 The display will show 00:00 and you will need to set a four digit pin number.

3 Use the ▼/▲ keys to enter the first two digits

4 Press ✓ to confirm

5 Use the ▼/▲ keys to enter the second two digits

6 Press ✓ to confirm

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

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

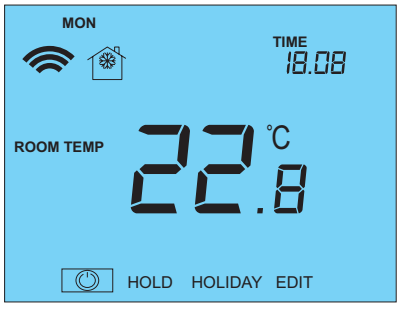
Unlocking the neoStat

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

1 Use the ▼/▲ and ✓ keys to enter the first two digits

2 Use the ▼/▲ and ✓ keys to enter the second two digits

The display will unlock and return to the main screen.



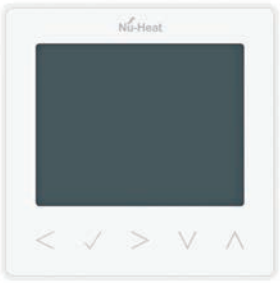
Frost mode

1 Use the < / > keys to scroll to the POWER icon. The FROST icon will toggle ON/OFF each time ✓ is pressed.

In this mode, the neoStat will display the frost icon and will only turn the heating ON should the room temperature drop below the set frost temperature.

If the heating is turned ON whilst in frost mode, the flame symbol will be displayed.

To cancel the frost protect mode, navigate to the POWER button again and press ✓.



Thermostat completely OFF

Thermostat powered ON

Power ON/OFF

The heating is indicated ON when the flame icon is displayed.

When the flame icon is absent, there is no requirement for heating to achieve the set temperature but the neoStat remains active.

1 To turn the neoStat off completely, scroll to the POWER icon and hold the ✓ key for approximately 3 seconds until the display goes blank.

The display and heating output will be turned OFF.

2 To turn the thermostat back ON, press the ✓ key once.

Holiday

In thermostat mode, the HOLIDAY function reduces the set temperature in your home to the frost protection temperature setting.

In time clock mode, the holiday function maintains the timed output as OFF. The thermostat will maintain this setting 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. To set a date and time for the holiday period to end, use the steps below:

1 Use the < / > keys to scroll to HOLIDAY and press ✓

2 Use the ▼ / ▲ keys to set the Year and press ✓

3 Use the ▼ / ▲ keys to set the Month and press ✓

4 Repeat the steps to set the Date and Time

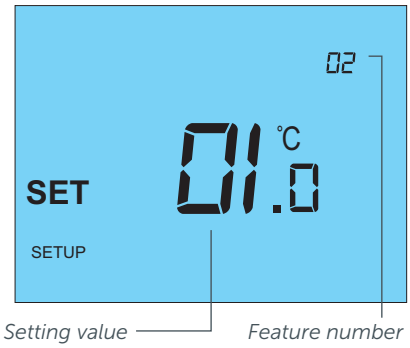
5 Press ✓ to confirm selection

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

To cancel:

6 Use the < / > keys to scroll to HOLIDAY and press ✓

7 CANCEL will be highlighted, press ✓ to cancel



Adjusting the Optional Settings (see table opposite)

To adjust the settings, follow these steps:

1. Use the < / > keys to select POWER
2. Press and hold the ✓ for 3 seconds
3. SETUP will be highlighted, now press ✓ once
4. Use the ▼ / ▲ keys to scroll through features
5. Use the < / > keys to adjust the setting within each feature
6. Press ✓ to confirm and exit setup menu

OPTIONAL FEATURES EXPLAINED

The following settings are optional and in most cases need not be adjusted.

FEATURE	DESCRIPTION	SETTING	EXPLANATION
01	Pairing to neoHub+	Used to add zone to neoHub	Used to connect the thermostat to the neoHub
02	Switching differential	00.5 = 0.5°C 01 = 1.0°C (Default) 02 = 2.0°C 03 = 3.0°C	Allows you to increase the switching differential of the thermostat. The default is 1°C – with a set temperature of 20°C, the thermostat will switch the heating on at 19°C and off at 20°C.
03	Frost protection temp.	07°C–17°C (12°C = default)	The temperature maintained when the thermostat is in Frost Mode.
04	Output delay	00 – 15 Minutes; (00 = Default)	To prevent rapid switching, an output delay can be entered. This can be set from 00–15 minutes.
05	Up/Down Temp limit	00° – 10°C; (00 = Default)	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.
06	Sensor selection	00 = Built in Sensor (Default) 01 = Remote Air Sensor 02 = Floor Sensor Only 03 = Built in & Floor Sensor 04 = Remote Air & Floor Sensor	Selects the active sensors. Select between air temperature, floor temperature, or both. When both sensors are enabled, the floor sensor is used as a floor limiting sensor to prevent the floor from overheating.
07	Floor temp limit	20–45°C (28°C default)	Available when feature 06 is set to 03 or 04. Set to the required floor temperature limit (see instructions on page 10)
08	Optimum Start	00 – 05 Hours; (00 = Default)	Delays 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 and starts the heating accordingly.
09	Rate of change	Minutes to raise by 1°C	This setting is calculated by the thermostat. Number of minutes for 1°C temperature rise.
10	Cool enable	Not used on this model	
11	Cool set temp	Not used on this model	
12	Program mode	00 = Non – Programmable 01 = Weekday/Weekend (Default) 02 = 7 Day Programming 03 = 24 Hour Mode	Weekday/ Weekend – 4 comfort levels for the weekday and 4 different comfort levels for the weekend. 7 Day Program Mode – Each day has 4 comfort levels that can be programmed independently. 24 Hour Mode – All days are programmed the same and repeat continuously.
13	Temperature format	00 = °C, 01 = °F; (00 = Default)	Select between °C and °F.

Re-calibrating the thermostat

Warning: The thermostat must be fixed in a wall. When re-calibrating the thermostat avoid warming it with your hands or breath, as this will cause an inaccurate setting.

To re-calibrate the thermostat, follow these steps:

1. Use the < / > keys to scroll to the POWER icon
2. Press and hold ✓ to turn the display OFF
3. Press and hold the ✓ and ▼ keys together for 10 secs
4. The current temperature will appear on the display.
5. Use the ▼ / ▲ keys to configure the new temperature value
6. Press the ✓ key to confirm change and the display will go blank
7. Press the ▼ arrow to highlight the POWER icon
8. Press the ✓ key once to turn the thermostat ON

Factory reset

To reset the device to factory default settings, follow these steps:

1. Use the < / > keys to scroll to the POWER icon
2. Press and hold the ✓ key to turn the display OFF
3. SETUP will be highlighted
2. Press and hold the ✓ key for 10 seconds. All of the icons on the display will appear for 2 seconds, then the number 1 or 2 will flash.
3. Use the < / > keys to scroll between modes (selection will flash)

   Mode 1 = Thermostat

   Mode 2 = Time Clock
4. Press the ✓ key to confirm selection

The thermostat will revert to the main display screen for the selected mode.

Note: Factory reset will cancel all parameters that were entered during the set-up and pairing operations. These processes must be repeated after factory reset is completed.

Optional control from a SmartPhone (systems with neoHub)

PAIRING THE NEOHUB

To pair the neoHub with the neoApp, follow these steps:

1. Connect the power supply to the neoHub.
2. Connect the neoHub to your router with the Ethernet cable provided. The router will automatically assign an IP address to the neoHub, the 'Link' LED will light up once the neoHub has connected to your network.
3. Download the FREE Nu-Heat neoApp from the Apple App Store, Google Play Store or Amazon App Store and register an account.
4. Once you have registered your account, press the LOGIN button then press the ADD LOCATION option.
5. Press the CONNECT button on the neoHub to add the location to your account.
6. When successfully connected, enter a title for the new location (e.g. Home) and configure the time zone for the system.

PAIRING THE NEOSTAT THERMOSTAT

The next step is to pair the neoStat to the neoHub::

1. From the neoApp, select ADD NEW STAT, enter a zone title and press ADD ZONE again.
2. You now have two minutes to pair the neoStat to the neoHub.
3. On the neoStat, use the < / > keys to select POWER and press and hold ✓.
4. SETUP will be highlighted, press ✓ once. Feature 01 is displayed on screen.
5. Press the ✓ key to pair the neoStat to the neoHub.
6. The MESH symbol appears flashing on the display (see p.16).

Wireless communications coverage

Where building size or construction results in inadequate wireless coverage, this can be extended by use of a neoPlug (available from Nu-Heat).

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