Please Note:
The Spinney's heat controls are automatiocally set but can be adjusted +/- 2 degs.

Model: neoStat V2

What is a Programmable Room Thermostat?

A programmable room thermostat is both a programmer and a room thermostat.

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.

So 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 17 and 18 of this manual.

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 electric fires, televisions, wall or table lamps may also prevent the thermostat from working properly.

Mode Select

This neoStat V2 can either be used as a thermostat or a time clock.
Thermostat mode is the default setting.

To change between thermostat or time clock modes, follow these steps.

- Use the Left / Right keys to scroll to ⏻ ..... < >
- Press and hold the Tick button for 3 seconds ..... ✓
- SETUP will be highlighted, now press and hold the tick key for 10 seconds..... ✓
- Use the Left / Right keys to scroll between modes ..... < >

  Mode 1 = Thermostat

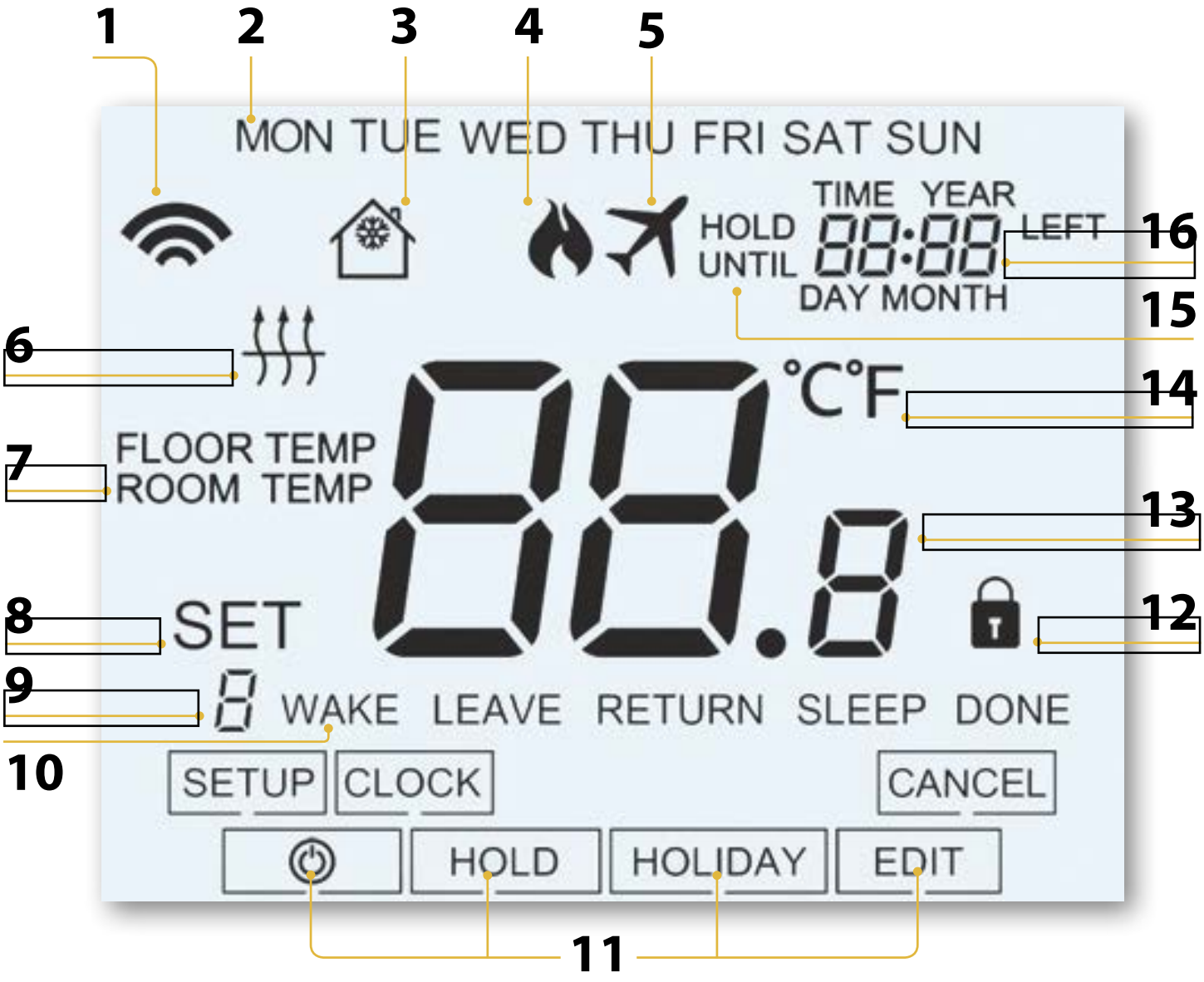
  Mode 2 = Time Clock

- Press the Tick key to confirm selection ..... ✓

The neoStat V2 will revert to the main display screen for the selected mode.

For time clock mode instructions, first pair the time clock with the neoHub as explained on page 8, then turn to page 33.

1 Mode 1 - Thermostat


1
2
3
4
5
MON TUE WED THU FRI SAT SUN
TIME YEAR
HOLD
UNTIL
88:88
LEFT
16
DAY MONTH
15
6
°C°F
14
FLOOR TEMP
ROOM TEMP
7
88.8
13
8
SET
12
9
8
WAKE LEAVE RETURN SLEEP DONE
10
SETUP
CLOCK
CANCEL
HOLD
HOLIDAY
EDIT
11

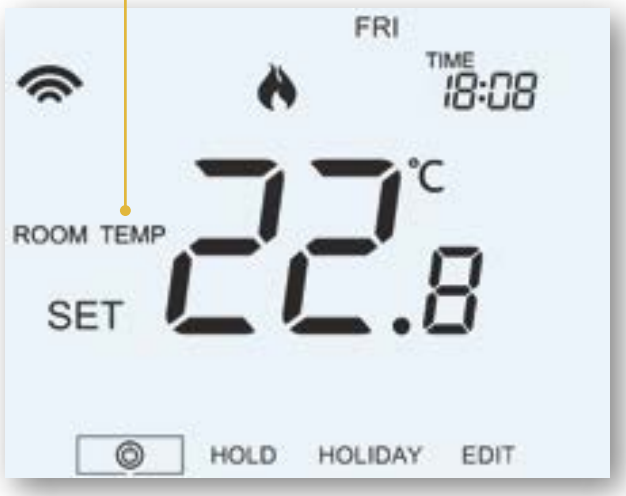
LCD Display

1. Mesh Symbol - Displayed when connected to the neoHub.
2. Day Indicator - Displays the day of the week.
3. Frost Protection – Displayed when frost protection is enabled.
4. Flame Symbol – Displayed when the thermostat is calling for heat and flashes when optimum start is active.
5. Holiday – Displayed when the thermostat is in holiday mode.
6. Floor Limit Symbol – Displayed when the floor probe has reached the floor temperature limit configured in the setup menu.
7. Floor/Room Temp - Indicates the displayed sensor mode.
8. Set - Displayed when changes are being made to the current set point.
9. Program Indicator - Displayed during programming (6 level mode) to show which level is being altered.
10. Program Indicator - Displayed during programming (4 level mode) to show which level is being altered.
11. Main Menu - Displays which option is currently selected.
12. Keypad Lock Indicator – Displayed when the keypad is locked.
13. Temperature – Displays the current sensor temperature.
14. Temperature Format - Degrees Celsius or Fahrenheit.
15. Hold Left - Displayed when a temperature hold is active, the remaining time will be shown.
16. Time/Day/Month/Year - Displays when setting the Clock/Calendar or a Holiday Period.

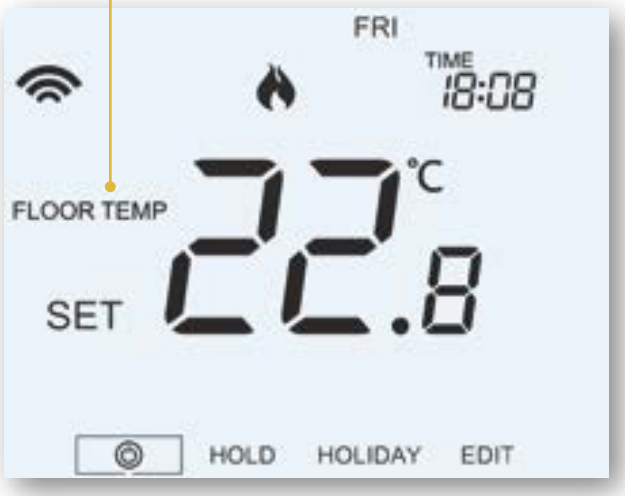
Temperature Display

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.

Room Temperature



Floor Temperature



When the neoStat V2 is set to use both the air & the floor sensor, the room temperature will be displayed by default.

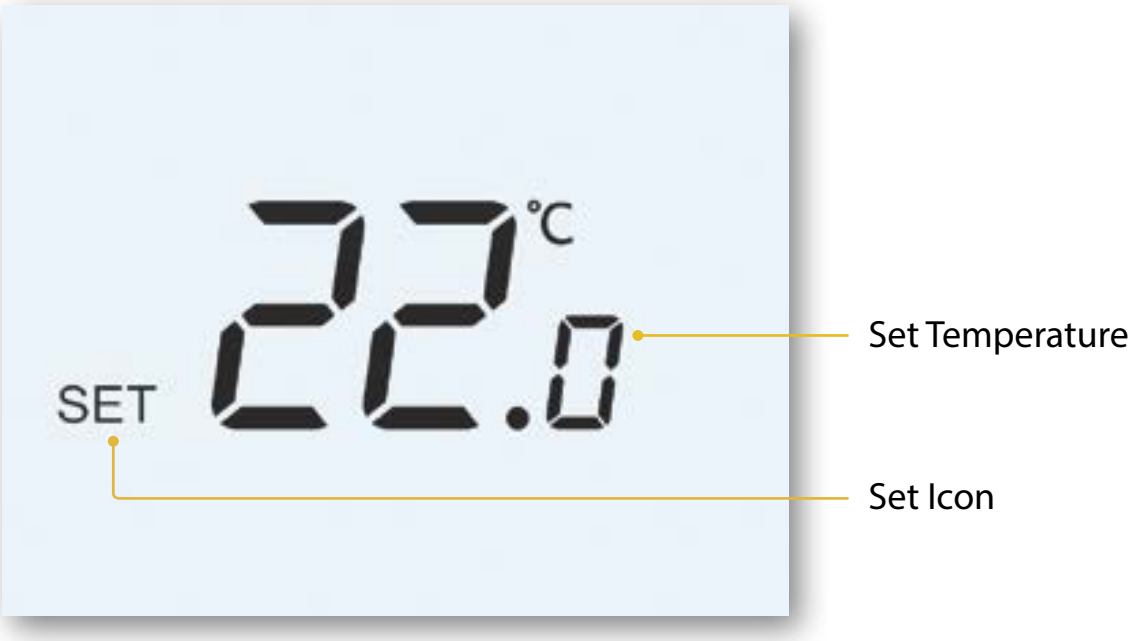
To view the current floor temperature, press and hold the Left and Right arrow keys for 5 seconds, the floor temperature will then be displayed ..... < >

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 Tick 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.