



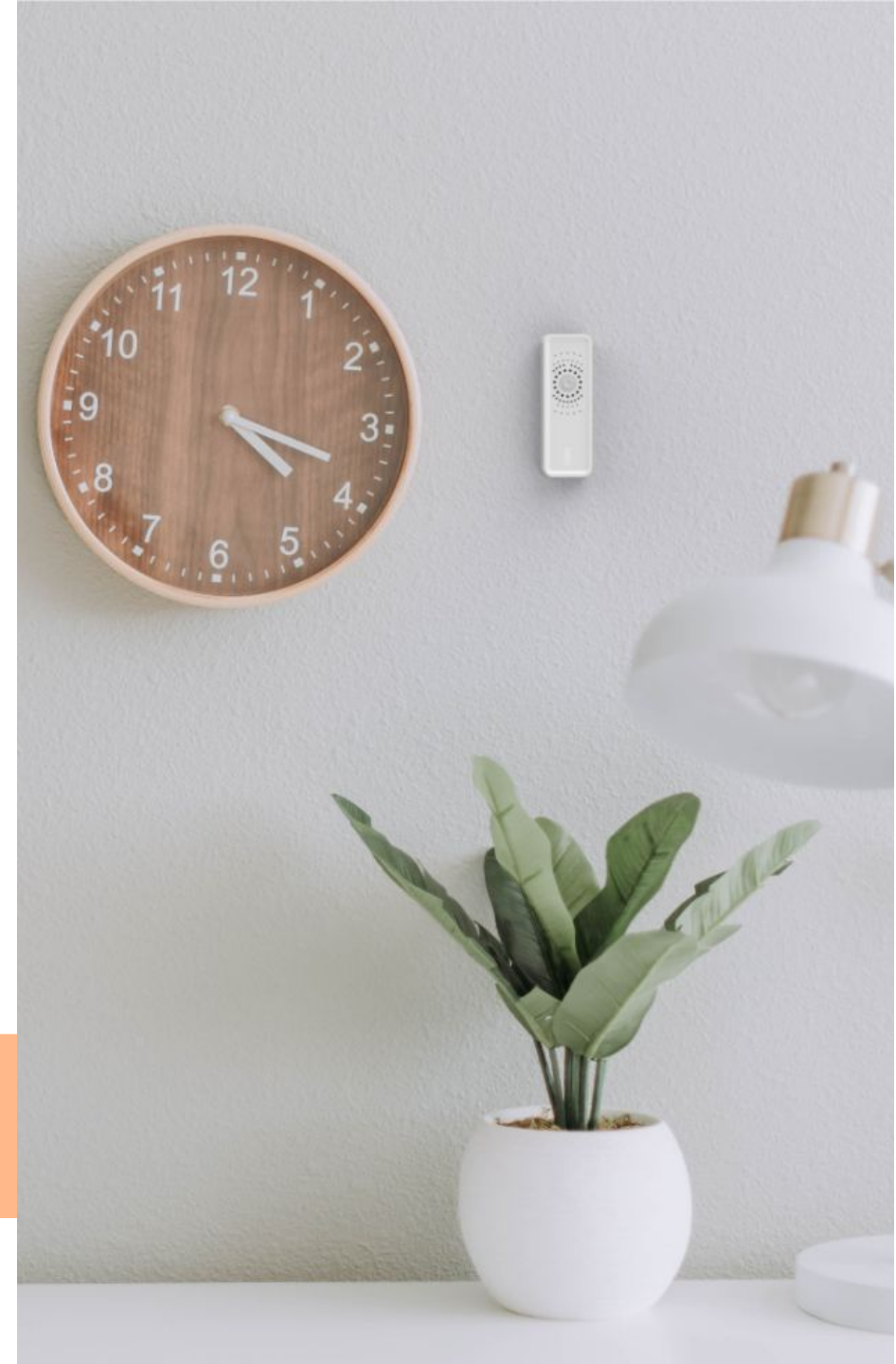
Smart Technology,  
Made to Care



**Innovative, Interoperable  
Telecare Solutions**

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# Climate

## How it Works

A reading for all functions is taken every minute. If the high temperature, high humidity or low humidity thresholds levels are exceeded, the Climate will send a radio message immediately. For the low temperature threshold level, there is a 5 minute delay before a radio message is sent.

Temperature Rise is based on a 3 minute cycle. If the temperature rises by the chosen value (2 - 9°C) within 3 minutes, then a radio message will be sent.

The on-board button and LED are used to switch the Climate on and off, and to program the settings. When in use, the button can be locked to ensure that programmed settings are not inadvertently changed. A hidden test button is also provided to allow easy pairing with a receiving device.



# Climate

## Turning On and Off

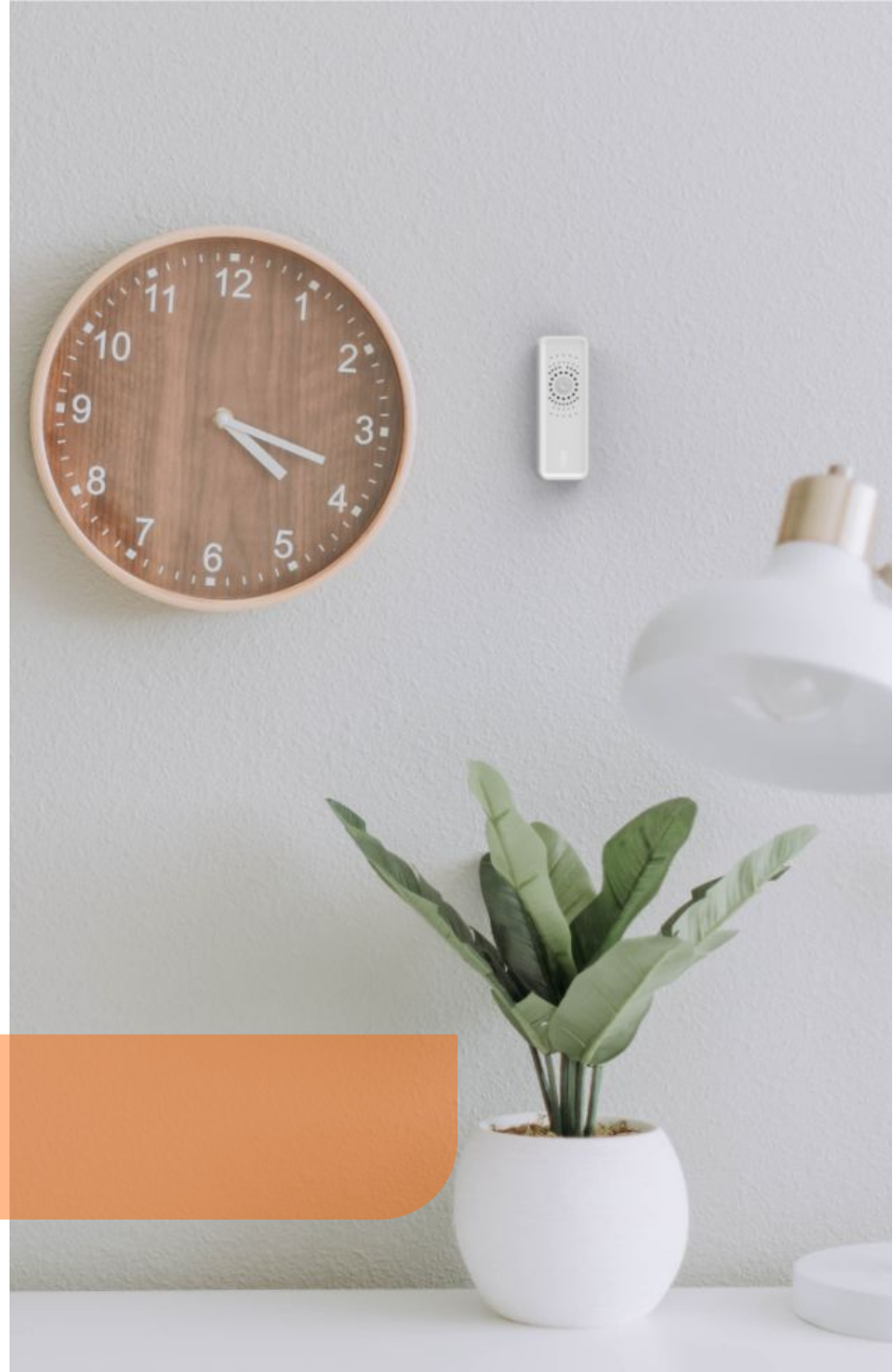
Important: When pressing the button multiple times, ensure each button press is accompanied with a flash of the LED.

### Switching the Climate On

- Press and hold the button for 10 seconds until the amber LED extinguishes.
- Release the button. The LED will flash green four times and the Climate will switch on.
- To check it is now on, press the button twice. The red LED will flash briefly when the button is pressed and will then illuminate red for two seconds to indicate that it's on.
- **Note:** The button is locked as default

### Switching the Climate Off

- Press and hold the button for 10 seconds until the amber LED extinguishes.
- Release the button. The LED will flash red four times and the Climate will switch off.
- To check it is now off, press the button twice. The red LED will flash briefly when the button is pressed but no other flashes will occur.



# Climate

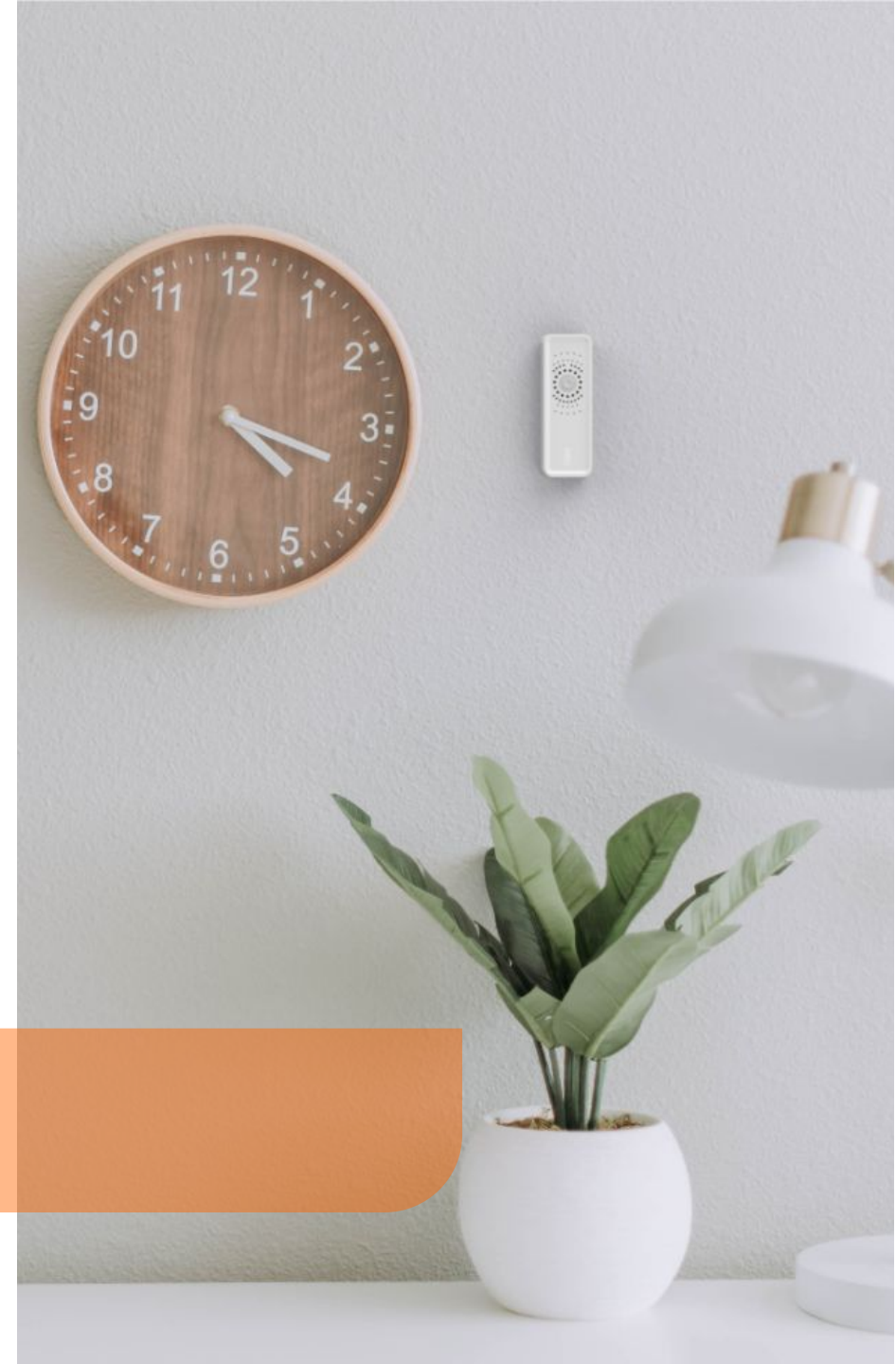
## Unlocking / Locking

### Unlocking the Button

- The Climate has to be on and the button unlocked to access to the programming menu.
- Press the button twice. When the LED illuminates red, press and hold the button for five seconds until the amber LED extinguishes.
- Release the button. The LED will flash green 3 times to indicate that the button is now unlocked.
- To check it is now unlocked, press the button twice - the red LED will flash briefly when the button is pressed then will illuminate green for two seconds.

### Locking the Button

- Press the button twice. When the LED illuminates green, press and hold the button for five seconds until the amber LED extinguishes.
- Release the button. The LED will flash red 3 times to indicate that the button is now locked.
- To check it is now locked, press the button twice - the red LED will flash briefly when the button is pressed then will illuminate red for two seconds.



# Climate

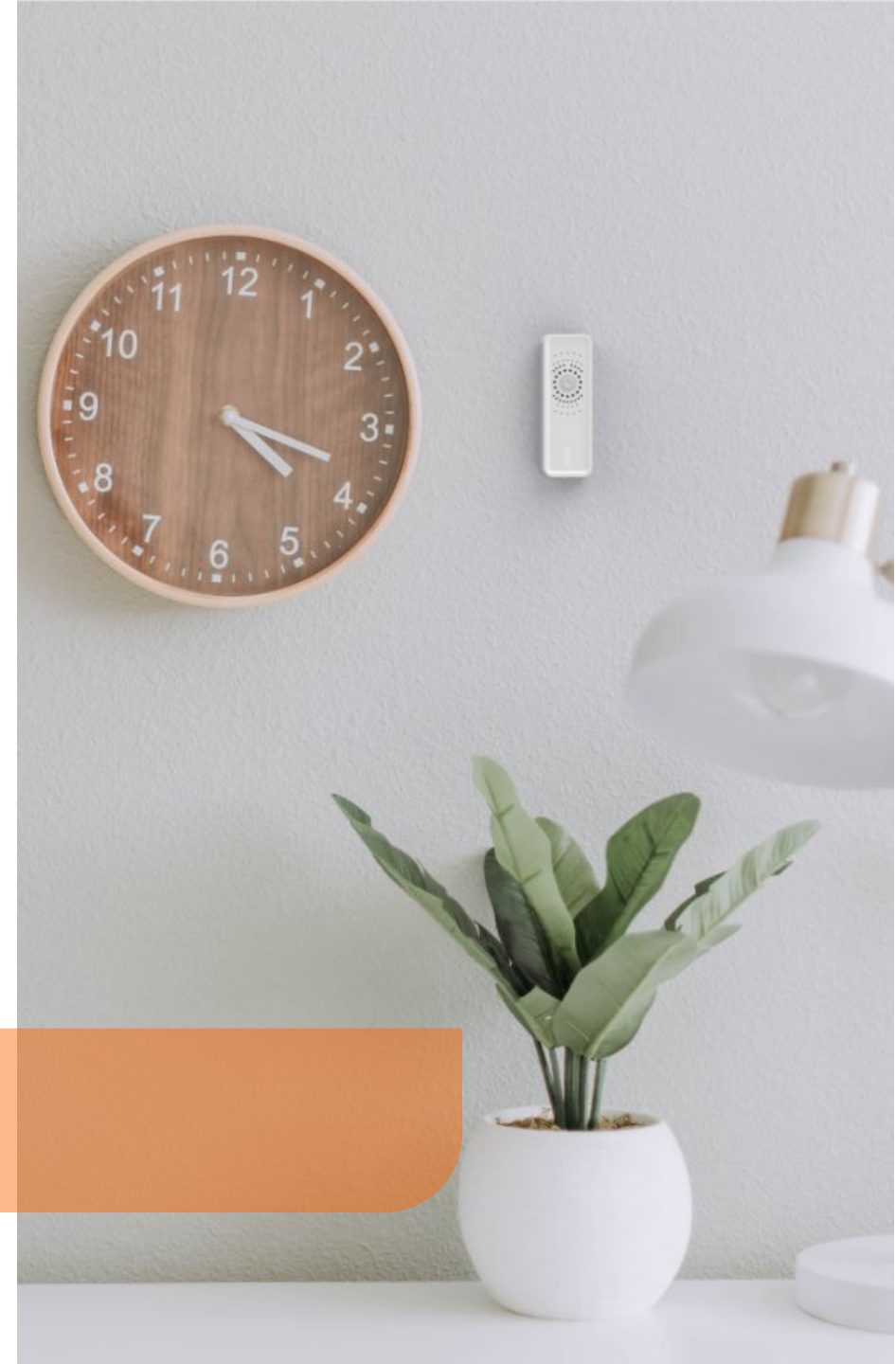
## Programming the Modes

Ensure the Climate is switched on and the button unlocked.

Enter the programming menu for the option you would like to set.

Press and release the button 4-8 times (ensuring the red LED illuminates with each press) to match the options below:

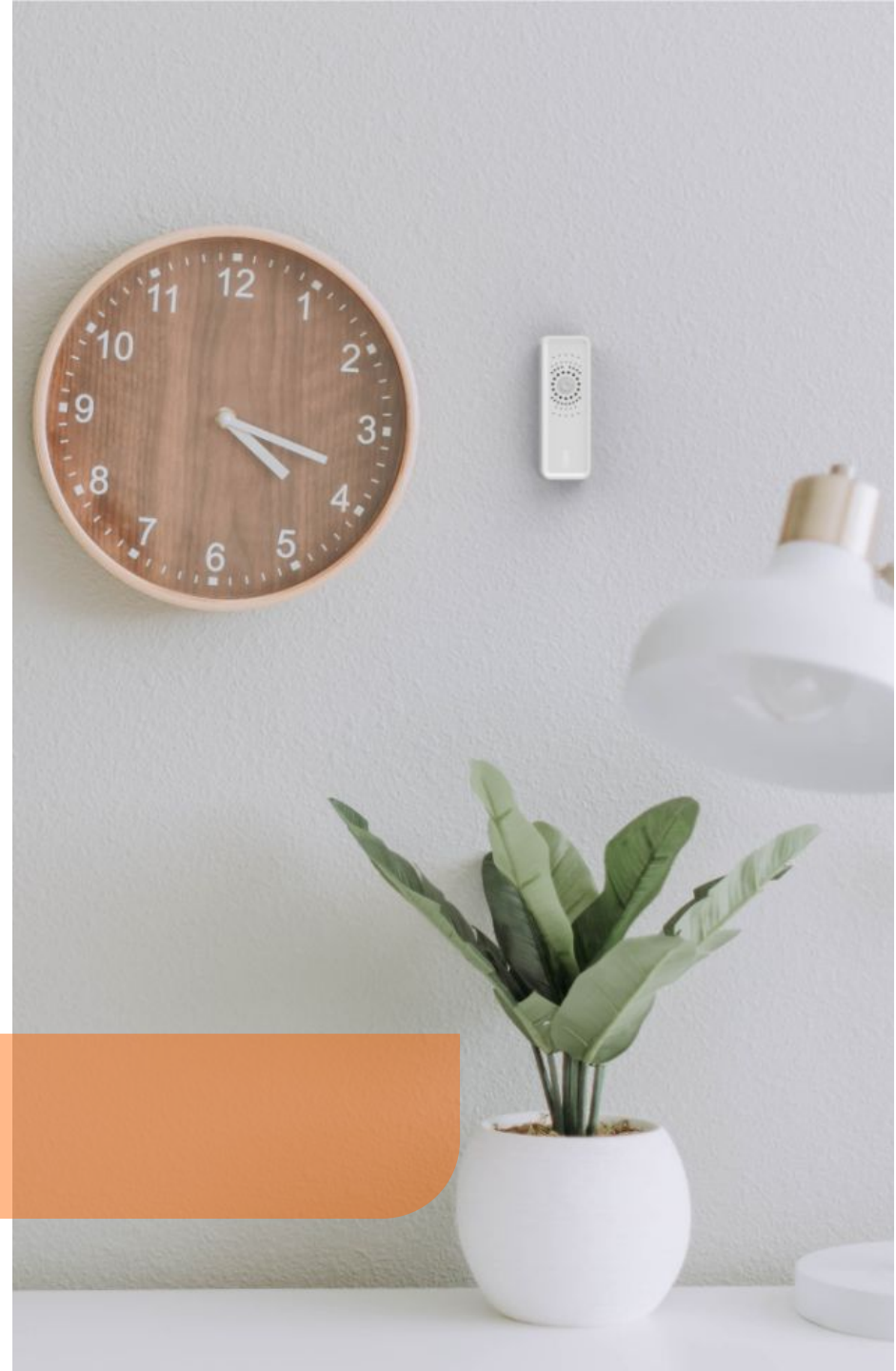
- 4 Presses for High Temperature
- 5 Presses for Low Temperature
- 6 Presses for Rate of Rise
- 7 Presses for High Humidity
- 8 Presses for Low Humidity



# Climate

## Programming the Modes

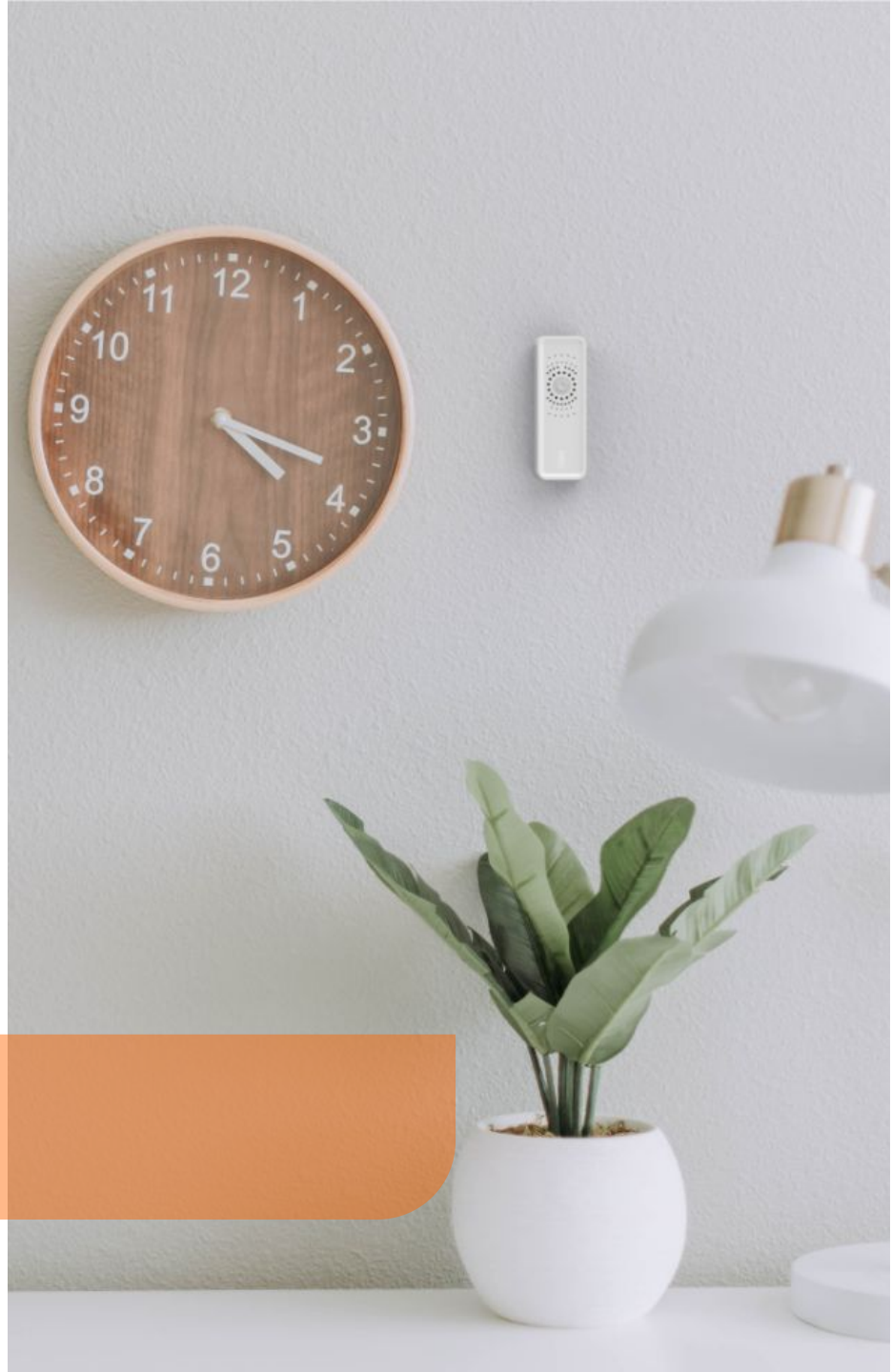
- The green LED will flash rapidly to indicate the programming menu is being entered.
- The amber LED will flash a number of times to indicate the existing threshold level (if this doesn't happen and red rapid flashes are seen instead, the option is disabled.)
- The green LED will illuminate for 5 seconds. This is an invitation to input a new setting. Press the button 1-8 times to input the new threshold level (see table on the next slide), i.e. Press once for level 1, twice for level 2, etc. The LED will flash every time the button is pressed. **Note:** If the button isn't pressed while the green LED is illuminated, the red LED will flash rapidly and the Climate will exit the programming menu, and the previous setting will be retained.
- Shortly after the last button press, the amber LED will flash to confirm the new threshold level.
- The red LED will then flash rapidly and the Climate will leave the programming menu.
- Repeat steps 1-6 if more programming is required. Remember to lock the button when finished.
- Once programming is completed, it's good practice to go through each option again to ensure the correct settings are programmed.
- Default levels on all options are set to No.8



# Climate

## Threshold Levels

Number of Presses/ Flashes	1	2	3	4	5	6	7	(Default) 8	Option
	<b>Temperature Threshold Levels</b>								
<b>4</b>	22°C	24°C	32°C	34°C	36°C	38°C	40°C	42°C	<b>High Temperature</b>
<b>5</b>	16°C	14°C	12°C	10°C	8°C	6°C	4°C	2°C	<b>Low Temperature</b>
<b>6</b>	2°C	3°C	4°C	5°C	6°C	7°C	8°C	9°C	<b>Rate of Rise</b>
	<b>Humidity Threshold Levels</b>								
<b>7</b>	60%	65%	70%	75%	80%	85%	90%	95%	<b>High Humidity</b>
<b>8</b>	40%	35%	30%	25%	20%	15%	10%	5%	<b>Low Humidity</b>

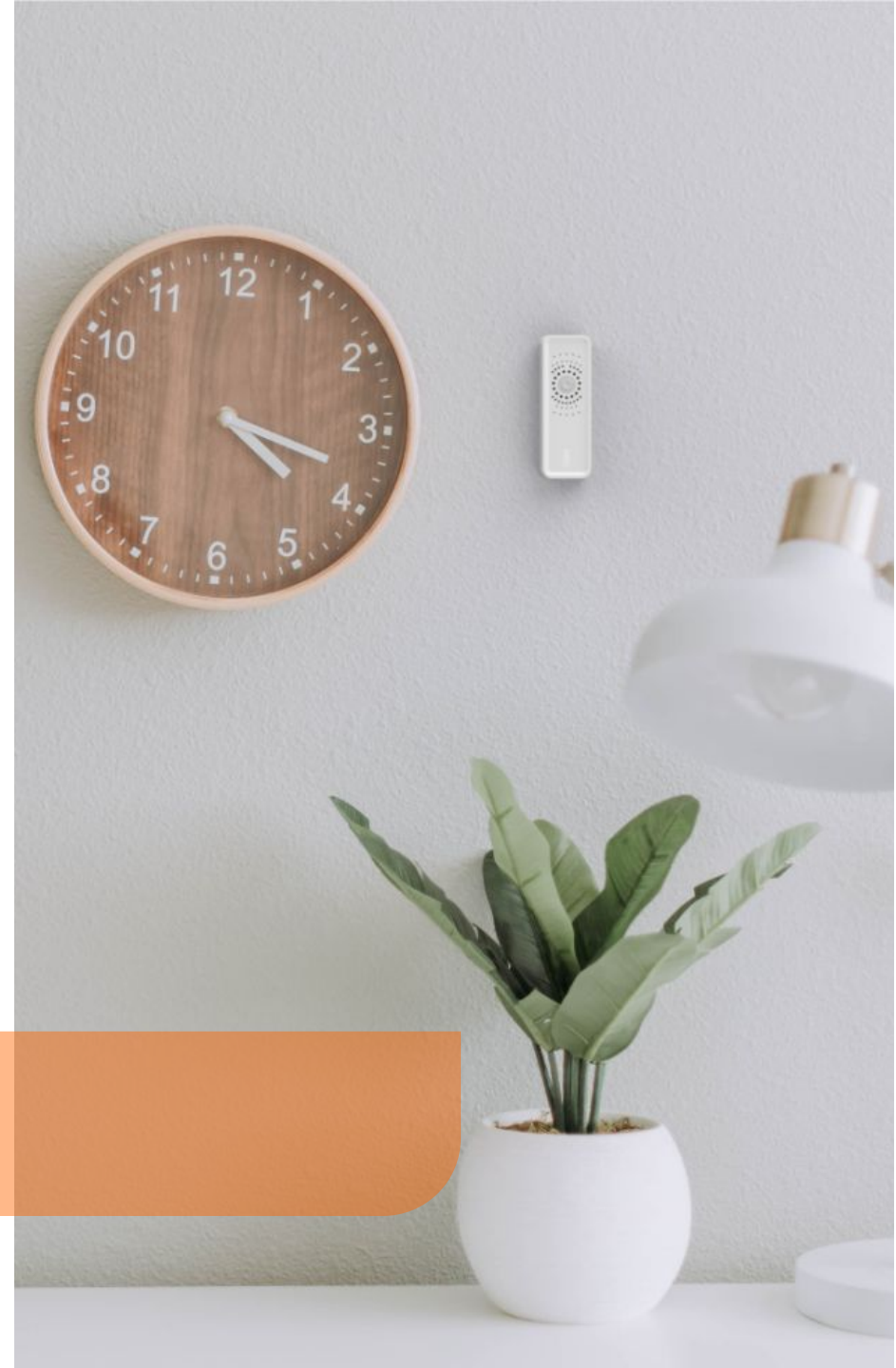




# Climate

## Checking the Status of the Climate

- To check the status of the Climate, simply press the button twice:
- If no solid LED appears, the Climate is Off
- If a red solid LED appears, the Climate is On with the button locked
- If a green solid LED appears, the Climate is On with the button unlocked



# Climate

## Disabling / Enabling Options

### Disabling a Temperature / Humidity Option

- Press the button 4-8 times to match the number of the option you would like to disable.
- Allow the Climate to flow through the programming menu.
- At the end of the menu, while the red LED flashes, press and hold the button. The amber LED will illuminate. Release the button when the amber LED extinguishes after 2 seconds.
- The red LED will illuminate for 2 seconds to confirm that the option is now disabled.
- The option is now disabled. To check this, press the button 4-8 times again, the LED will rapidly flash green then rapidly flash red immediately afterwards.

### Enabling a Temperature / Humidity Option (if it has been disabled)

- Press the button 4-8 times to match the number of the option you would like to enable.
- While the red LED is flashing rapidly, press and hold the button. The amber LED will illuminate. Release the button when the amber LED extinguishes after 2 seconds.
- The green LED will illuminate for 2 seconds to confirm that the option is now enabled.
- The option is now enabled. To check this, press the button 4-8 times again, the LED will rapidly flash green then will enter the programming menu.



# Climate

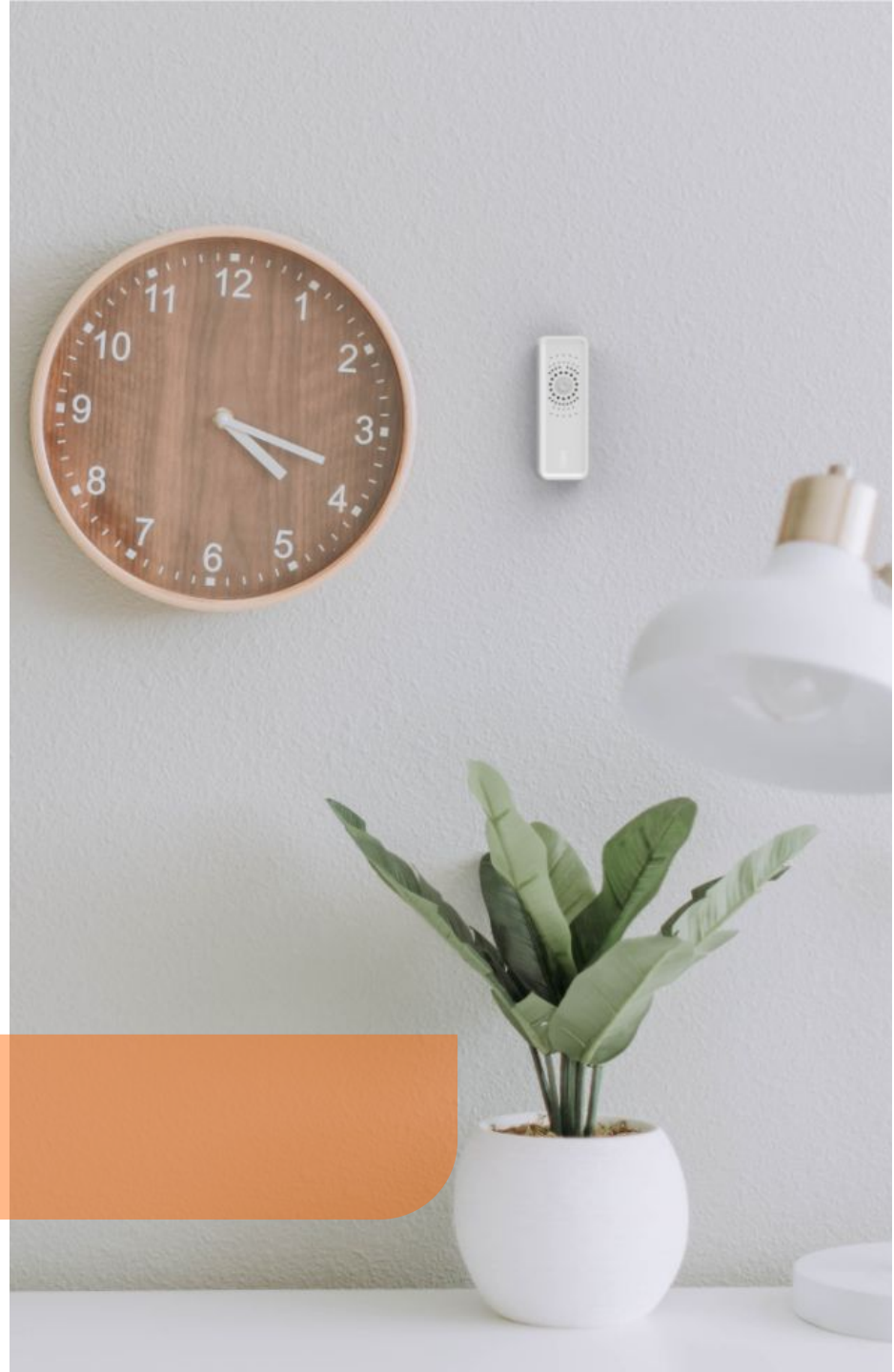
## Sending a Radio Message

### Method 1

- This method can be used at any time (on, off, button unlocked or locked).
- Using a safety pin, or similar, press the Test Button 4-8 times to match the number of the option you would like to send. Ensure the red LED flashes with every press.
- Shortly after the last press, the green LED will illuminate and the Climate will send the radio message.

### Method 2

- This method can only be used when the Climate is switched on and the button is unlocked
- Press the button 4-8 times to match the number of the option you would like to send.
- While the LED is rapidly flashing green, press and hold the button. The amber LED will illuminate. Release the button when the amber LED extinguishes after 2 seconds. The radio message will be sent when the button is released.

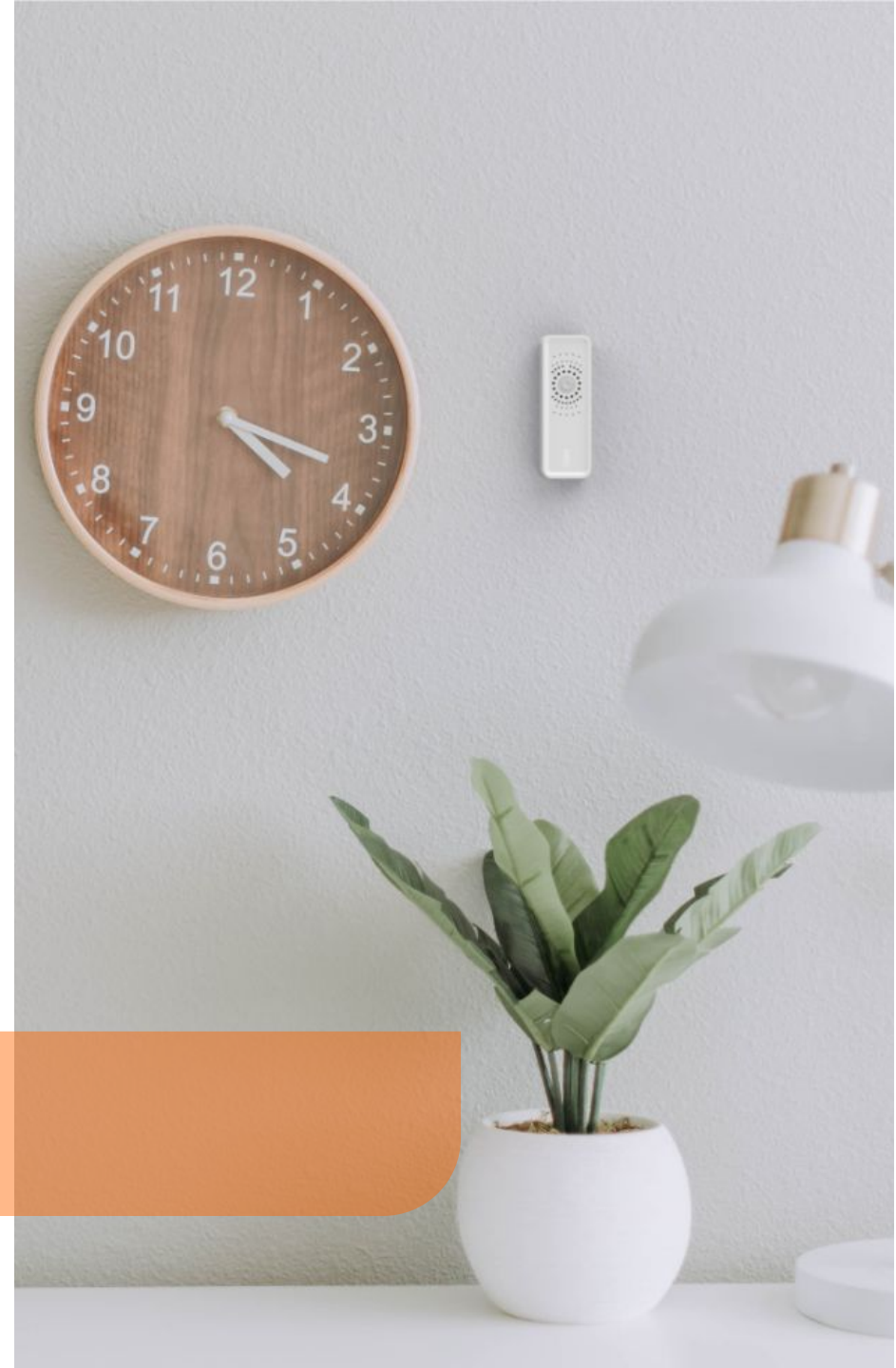


# Climate

## Registering to a Notifier / Other System

- Programme the Climate
- Prepare the Notifier / other system by entering registration mode.
- Send a radio message by following the instructions on the previous slide
- The Notifier/ other system should acknowledge the new device.

As with similar devices, the temperature options (4 -6) are assigned to Tunstall devices together, e.g. Assigning option 4 will also assign temperature options 5 and 6, and vice versa. The same applies to the humidity options, e.g. Assigning option 7 will also assign humidity option 8, and vice versa.

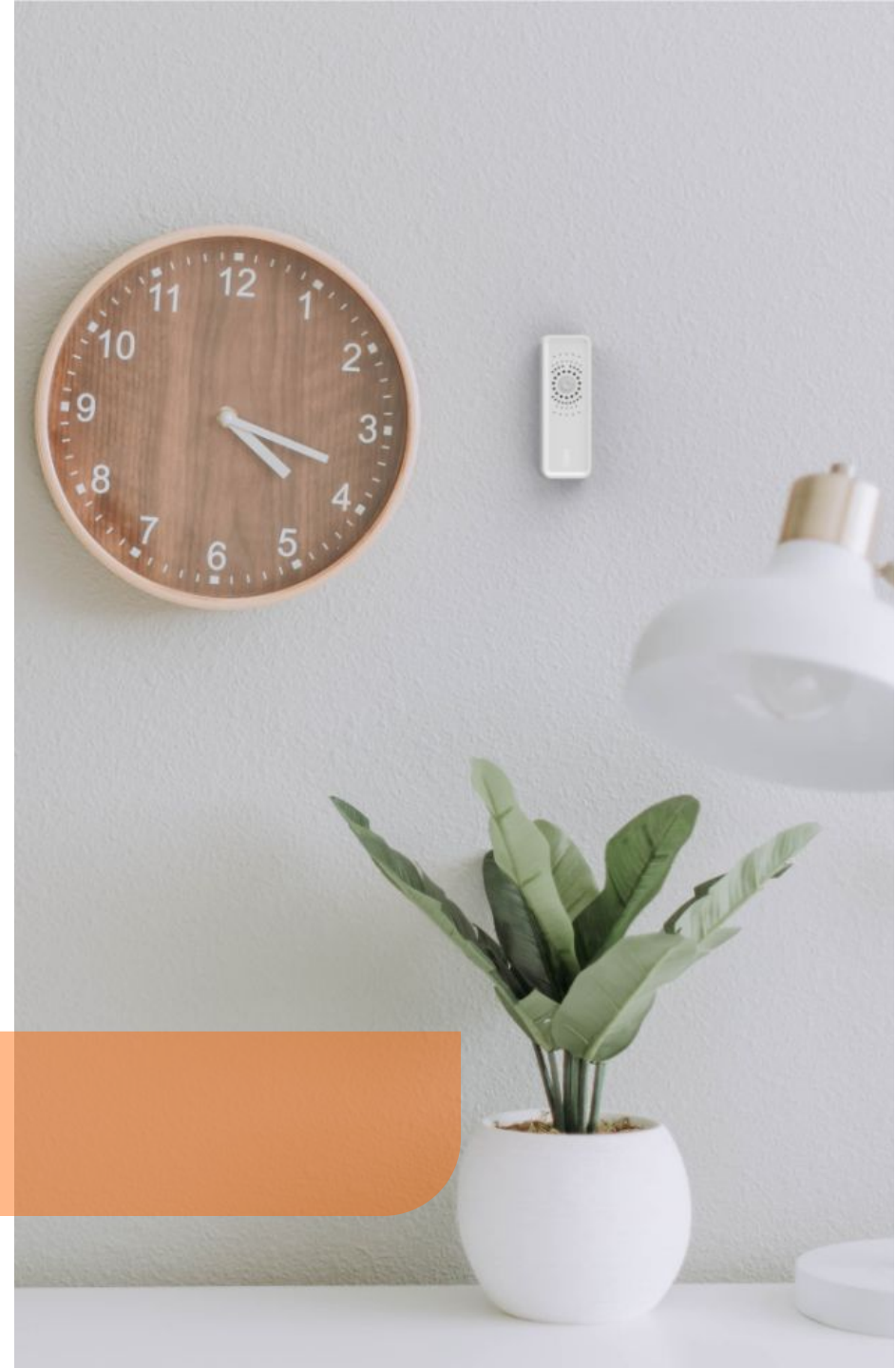


# Climate

## Resetting the Device

If the Climate has been used previously, it's good practice to default the unit to factory settings.

- Ensure the Climate is switched on (press the button twice, if the green or red LED illuminates, the Climate is on).
- Press the button 15 times. The amber LED will illuminate for 2 seconds shortly after the 15th press
- While the amber LED is illuminated, press and hold the button for 10 seconds until the alternating green/red LED flashes rapidly, then release the button.
- The Climate will now reset to default settings, and will switch off. Remember to switch the Climate back on if using afterwards.



# Climate

## Installation

The Cair Climate can be placed anywhere in the home, taking into account the following considerations:

- To avoid false alarms, it should be positioned away from direct sunlight, doorways, windows and other sources of ventilation.
- The Climate is not water resistant so avoid any contact with water, or areas with excessive condensation.
- It can be installed at any height, although between 1m - 1.5m from the floor is recommended for most applications.
- Two versions of mounting option are available - adhesive mount and screw mount.



# Thank you



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[www.we-cair.com](http://www.we-cair.com)

01422 399155 | [helloi@we-cair.com](mailto:helloi@we-cair.com)