## INSTALLATION INSTRUCTIONS

**1.** The device must not be placed in front of a power socket.
**2.** Prevent the device from being hit by water jets.
**3.** When installed in rooms with a bath or shower, observe the "protection zones" for insulation class IP 44 (in the UK according to IEE wiring regulations).
Also, observe all local regulations.
**4.** When connecting the electrical wiring, the brown wire is live (L), the blue wire is neutral (N) and the yellow/green wire must be connected to earth.
**5.** It must be protected with a 30mA residual current device (RCD).
**6.** Ensure that the mains voltage is the same as indicated in the technical specifications.

## USER MANUAL

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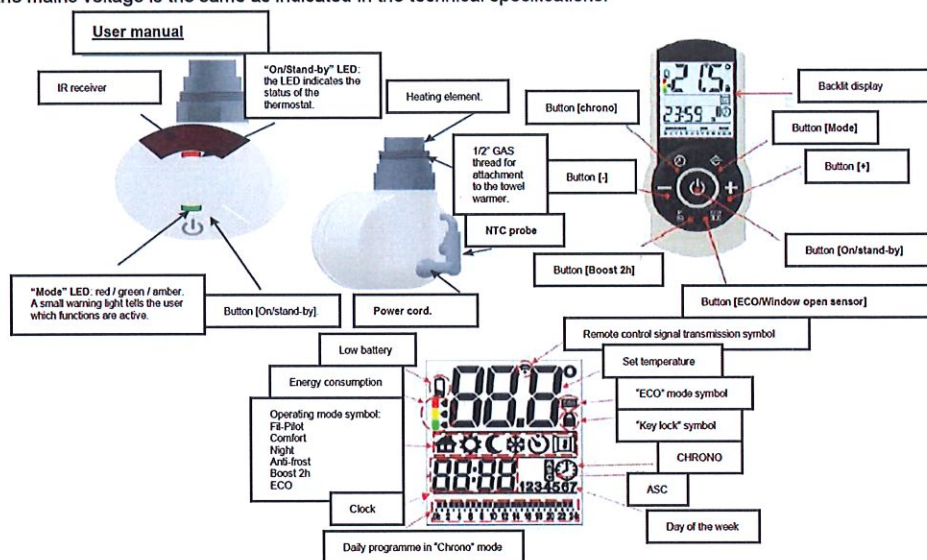


## USER GUIDE

### On/stand-by
Press the (On/Stand-by) button on the remote control or thermostat to switch on or activate the "Stand-by" mode.
When the device is switched on, it emits a 0.5-second sound; when "Stand-by" mode is activated, it emits two 0.5-second sounds.
Switching on directly from the thermostat attached to the towel warmer activates "Comfort" mode with a set temperature of 20°C. The remote control must be used to change the temperature or activate other functions.

### Comfort mode
"Comfort" mode maintains the room temperature at the value set by the user. Press the (mode) button until the "Comfort" icon appears on the display.
Use the (+) and (-) buttons to set the desired temperature. In "Comfort" mode, the mode LED is red.

### Night mode
In "Night" mode, a lower temperature value than "Comfort" mode is set. This mode is activated by pressing the (mode) button until the desired icon appears.
Set the desired temperature with the (+) and (-) buttons. In "Night" mode, the Mode LED is green.

### Antifreeze mode
In "Antifreeze" mode the heating element switches on when the room temperature falls below 7°C. This mode is activated by pressing the (mode) button until the desired mode icon appears.
In "Antifreeze" mode, the Mode LED is flashing green.

### 2H Boost mode
The heating element switches on to reach a room temperature of 32°C and stops automatically after 2 hours. This mode is activated by pressing the button (2h Boost); the "2h" icon appears on the display.
To exit this mode, press the 2h Boost button, the On/Stand-by button or the mode button. In 2h Boost mode, the Mode LED is flashing red.

### Chrono mode:
This mode allows you to set a daily programme repeated on a weekly basis. This mode is activated by pressing the **mode** button until the "Chrono" icon appears.
In "Chrono" mode, the On/Standby LED is amber.
The Mode LED is green during the "Night" period and red during the "Comfort" period.

| 🏠 | ☼ | ☾ | ❄ | 2h | 🕐 | 🪟 | ECO |
|---|---|---|---|---|---|---|---|
| Fil-Pilot | Comfort | Night | Anti-freeze | 2H timer | Chrono | Window open sensor | Eco |

## CHRONO MODE PROGRAMMING

### a) Set time and day

- The flashing number indicates the day of the week: press the (+) and (-) buttons to set the correct day, press (mode) to confirm.   "HOURS": use the (+) and (-) buttons to set the hour and press (mode) to switch to the minutes setting. "MINUTES":
repeat the same procedure and confirm with the (mode) button.

### b) Set the weekly operating programme

Programming starts from day 1; to set the hours, press the (+) and (-) buttons.  The (+) button sets the "Comfort" temperature indicated by a solid bar, the (-) key sets the "Night" mode and is indicated by an empty bar. To programme all 24 hours, press the (+) and (-) buttons, once one of the two buttons is pressed the programme moves on to the next hour.
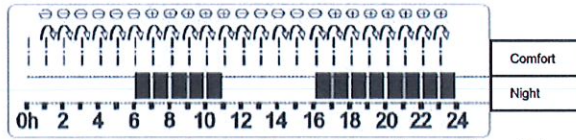


## FIL-PILOT PROGRAMMING

This is the mode in which the towel warmer is controlled from a remote control unit.
- 1. Press the (mode) button until the
corresponding icon appears on the display.
- 2. Select the desired temperature with the (+) and (-) button. The operating mode will be selected by the File-Pilot control unit.

The device recognises the more advanced six-order '"File-Pilot" system, which allows the use of the following functions:
- 1. Standby: switches off the heating element, thermostat stays on.
- 2. Comfort: maintains the "Comfort" temperature set by the user.
- 3. Eco: maintains the ambient temperature 3.5° C below the "Comfort" temperature.
- 4. Anti-freeze: maintains the ambient temperature at 7°C.
- 5. Comfort-1: maintains the ambient temperature 1°C below the "Comfort" temperature.
- 6. Comfort-2: maintains the ambient temperature 2°C below the "Comfort" temperature.

NOTES: By activating this mode in versions without fil-pilot, the thermostat operates in Comfort mode. Using the "Fil-pilot" function, the thermostat can be remotely controlled by a control unit that supports this system.
The electrical connection is as follows: The brown wire is live (L), the grey wire is neutral (N), and the black wire is the Fil-Pilot signal

⚠ **DO NOT CONNECT THE BLACK WIRE TO EARTH**

## KEY LOCK

This function allows the user to lock the keypad in order to prevent accidental changes. All keys except the thermostat key (On/Stand-by) are locked.
To activate the key lock function, press the (mode) and (+) buttons simultaneously for 3 seconds.  To deactivate the function, repeat the procedure.

## ECO MODE

This mode reduces the set temperature by 3°C regardless of the other settings of the towel warmer. This function allows the reduction of consumption.
To activate/deactivate the function, press the dedicated button (ECO).
In (ECO) mode, the Mode LED is amber.

## OPEN WINDOW SENSOR FUNCTION

Press the (ECO) and (-) buttons simultaneously for more than 3 seconds to activate the "open window sensor" function. To exit this function, repeat the procedure.
The control can sense whether a window has been opened by detecting a rapid drop in room temperature.
If this happens, the radiator will switch off for 30 minutes, after which the towel warmer will resume operation in the previously set state.

## OPERATING DIAGRAM OF THE UPPER "ON/STAND-BY" LED

Green LED: red Stand-by mode LED on:  the thermostat is active
Amber LED: thermostat active in chrono mode.

## OPERATING DIAGRAM OF THE LOWER "MODE" LED

| Comfort: | **red** |
|---|---|
| Night: | **green** |
| Antifreeze: | **flashing green** |
| ECO: | **amber** |
| 2h Boost: | **flashing red** |
| Fil-Pilot: | the colour depends on the mode selected by the Fil-Pilot (see other modes). |

## NOTES

- 1. When the thermostat is switched on again after a power failure, it returns to the last mode set, with the exception of 2h boost mode and Chrono. The status of the thermostat is saved a few seconds after the last function activated.
- 2. To indicate that the remote control signal has been received, the device emits a beep by way of a beep.
- 3. The device may not detect the opening of a window.
This can happen when the thermostat is in an isolated location away from draughts or close to a heat source other than the device, or if the change in ambient temperature is too slow.
- 4. Mode LED flashing amber: Probe failure, the device is deactivated.
- 5. When the lower LED is red, the radiator is in operation (heating up); when it is green, it is not heating up.
- 6. With the CHRONO function, it is important to set daytime temperatures to maximum and night-time temperatures to minimum.
- 7. The CHRONO function cannot be activated at the same time as the COMFORT/NIGHT functions.

## DISPOSAL

This appliance is NOT normal household waste. It must be disposed of through the appropriate recycling points. In the event of replacement, it can be returned to your distributor.
This end-of-life management will enable us to preserve our environment and curb the consumption of natural resources.
This symbol applied to the product indicates the obligation to deliver it to a special waste
collection centre for disposal in compliance with Directive 2002/96/EC (WEEE).

**The manufacturer reserves the right to make any changes it deems necessary to improve its product at any time without prior notice.
Repairs must be carried out by authorised personnel to avoid invalidation of the warranty**