



EN - User manual
ES - Manual de usuario
PT - Manual de usuário
FR - Manuel d'utilisateur

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A. Introduction

By following the indications in this instruction manual, we guarantee correct operation, so that you can enjoy the product you have purchased for many years. Read it carefully before using the towel warmer and keep it in a safe place, it will be useful for any questions.

VERY IMPORTANT

- Read the installation and use manual before assembling and operating the equipment.
- Observe the warnings carefully.
- Install the equipment in a place where air can circulate.
- It is advisable to be mounted by qualified personnel



• **WARNING RISK OF ELECTRIC SHOCK!**

Turn off the power before proceeding with the installation.

- Turn off the power before continuing with the installation.
- Pay attention to this instruction sheet and read carefully before using the device.
- Respect the distances reflected in the installation guide on page 43.
- This device has been designed for the exclusive use of a towel rail.
- The thermostat is designed to heat the liquid contained within the towel dryer in combination with a heating element. Any other use is prohibited.
- Do not use the towel rail for drying garments of synthetic or acrylic composition. This device is only for drying textiles washed in water. You must check before placing towels or other type of garment, that this is capable of withstanding high temperatures.
- In the towel rack can reach up to 95 ° C temperature as long as there are towels covering a tube.
- When using the towel rack for towel drying, try not to place more than 2 in the case of towel rails whose powers are between 300-500W or more than 4 in the case of towel rails whose powers are between 600-1200W and that these are not superimposed, that is, one on top of the other.
- Avoid placing the towels on the wall supports and the control.
- Before using, make sure that the line voltage is the same as the one specified for the device (see technical specifications).
- Only use heating elements compatible with the type of dry towels used.

- If there is damage, turn off. Do not manipulate it. Replacements are performed by the manufacturer or an authorized service.
- Store and transport the heating element exclusively in the protective packaging.
- The replacement of the heating element can be done exclusively by the product manufacturer.
- Children under 8 years old and people with reduced physical, sensory or mental abilities can use the device only under supervision. Children should not play with the device.
- It is important in any humid environment to carry out a correct regular cleaning of the product to avoid its deterioration.
- Disconnect the power supply before cleaning or maintaining the product.
- Cleaning and maintenance intended to be carried out by the user should not be performed by children without supervision.
- For cleaning and maintenance of the towel rail, you should never use chemical cleaning products, it will be sufficient to use a dry cloth or, in case of stains, a cloth dampened with water.
- You should not use the product before it is installed completely and correctly.
- In order to avoid danger to very young children, this appliance should be installed so that the lowest heated rail is at least 600mm above the ground.
- Any repair work must be performed by an authorized service center.
- Failure to comply with the above rules could compromise the security of the system and void the warranty.
- If the ambient temperature is different from the temperature indicated on the towel rail, the probe must be calibrated (Page 12).

B. Recycling



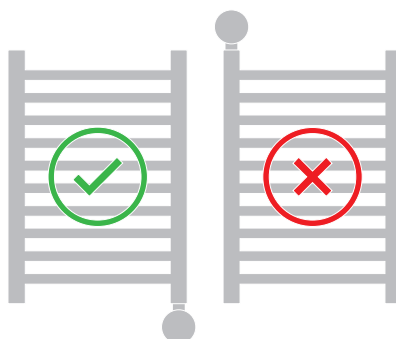
This product cannot be treated as normal household waste. It has to be picked up and arranged in places provided for him.

The purpose of recycling is to preserve the environment and reduce the consumption of natural resources.

This symbol indicates the obligation to bring the product to an appropriate waste collection site, in order to be in accordance with the directives 2012/19 / EU.

C. Installation guide

- Make sure the towel rail is not leaking.
- The towel rack should always be placed with the control on the bottom.
- The towel rail will not be placed directly on top of an electrical outlet.
- Avoid water jets hitting the equipment.
- Make sure that the mains voltage is the same as indicated in the technical specification.
- When installing in a room with a bath or shower, respect the “protection zones” indicated in the RBT (in the United Kingdom according to the IEE cable directives). In addition, you must respect all local security directives.
- The device must be protected by a 30mA differential circuit breaker
- For models that do not have a plug, it is necessary to install a suitable omnipolar switch to ensure complete disconnection if necessary.
- Do not cover the equipment control with any towel.
- Connect the energy cable.



D. Wall fixing

See diagram on the last page of this manual.

- Remove the protective caps from the ends.
- Place the heated towel rail against the wall in the desired position.
- Using a pencil, mark their position on the wall around the support tubes. Make sure there is no wiring in the wall where you will be drilling.
- With the help of a suitable drill and bit, drill the holes in the tile / wall to the required depth.
- Important: the holes must be drilled correctly aligned and suitable for the diameter of the plug and the length of the wall anchor screws.
- Insert the fixing plugs into the holes using a screwdriver. Repeat the procedure for each heated towel rail attachment bracket.
- Mount the heated towel rail once you have fixed the plugs in the desired place, then tighten the brackets with the anchor screws.

E. Warranty

In the event of any incident during the warranty period, contact our Technical Assistance Service (contact indicated on the back cover of this manual).

The company offers a technical guarantee according to current legislation.. The manufacturer guarantees that this product does not present any material, design or manufacturing defect at the time of purchase.

If during the warranty period the equipment does not function properly under normal use, the manufacturer will repair or replace the product, as it deems appropriate under the conditions stipulated below:

- For this guarantee to be valid, it will be necessary to present the original invoice or purchase receipt.

- The guarantee will only apply if the serial number and model of the product are presented (reflected on the sticker of the technical characteristics).

The manufacturer reserves the right to refuse warranty service when this information has been removed or tampered with after the original purchase of the product.

- It is advisable to keep the original packaging and protections to avoid damage during transport, if it is necessary to send the product to the Technical Assistance Service.

The warranty in no case covers product damage caused by the following causes:

- Incorrect use of the product for unsuitable purposes or without respecting the manufacturer's instructions regarding the use and maintenance of the equipment, as well as incorrect installation or use of the product in a way that does not comply with current technical safety standards.

- All problems arising from installation or insufficient power (insufficient power to heat the room, improper installation, improper power supply, etc.) or damage during transportation are not covered by this warranty.

- Repairs carried out by unauthorized service workshops or the opening of the equipment by unauthorized persons.

- Unforeseen accidents that are beyond the manufacturer's control such as lightning, fires, floods, public disorders, etc.

- The repairs or replacements contemplated by this guarantee do not allow the extension or new beginning of the guarantee period.

- The manufacturer reserves the right to decide whether to repair any defective part or replace all equipment. Removed defective parts or components will become the property of the manufacturer.

- This warranty does not affect the buyer's legal rights under current national legislation, nor the buyer's rights against those of the distributor or installer arising from the contract of sale.

- In the absence of applicable national legislation in force, this warranty will be the sole protection of the buyer. The manufacturer, its offices and distributors and installers will not be liable for any type of damage, both incidental and accidental, arising from violating any implicit rule related to this product.

- In the last case of resorting to legislation, both parties will be under the jurisdiction of the courts of the manufacturer's province.

F. Technical specifications

Features	Comfort, Night, Antifreeze (7 ° C), Stand-by, Chrono, 2h timer, ECO, Open windows, ASC.
Certificates	CE
Voltage and frequency	230 VAC - 50 Hz
Temperature control range	7°C ÷ 30°C
IP protection	IP44

G. Operating modes

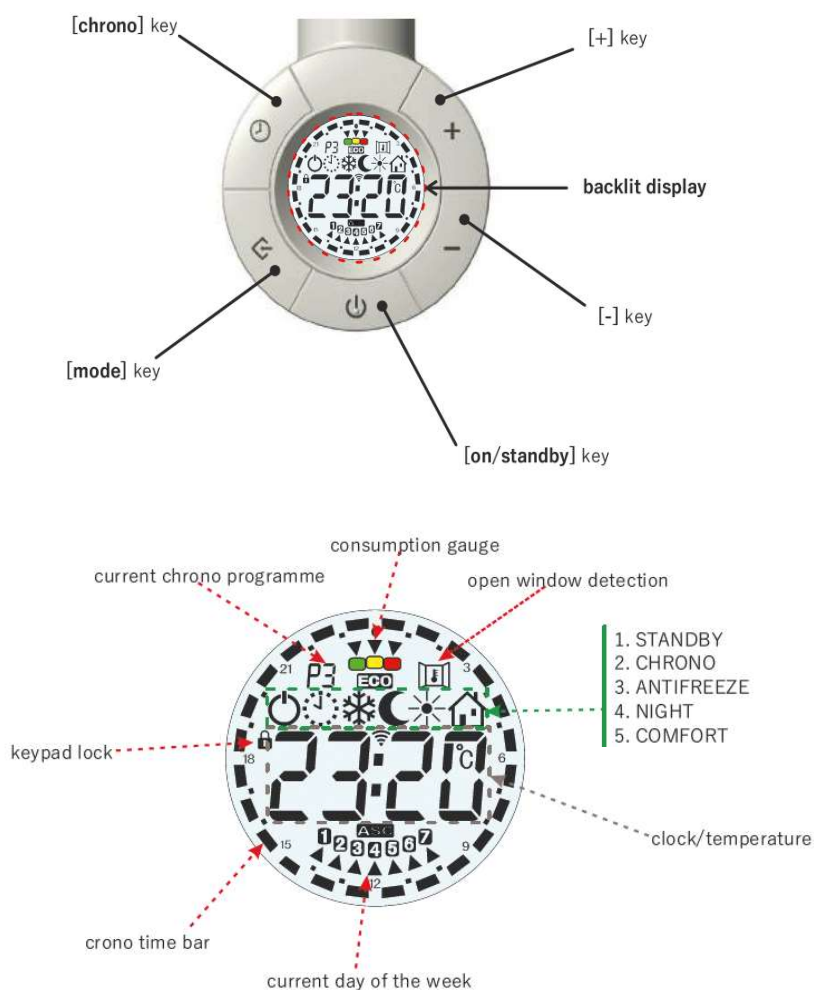
Operating modes: Comfort, Night, Anti-ice, Chrono, 2h Timer, Standby.

- In “Comfort” mode: the electronic control maintains the temperature set at the value set by the user.
- In “ Night ” mode: the electronic control maintains the room temperature at a lower value than the “ Comfort ” temperature.
- In “Anti-freeze” mode: the electronic control keeps the temperature above 7°C.
- In “2h timer” mode: the electronic control activates the heating element for 2 hours, unconditionally by the set temperature. At the end of this period, the thermostat operates again in the previously set mode. During the 2 hours, for safety reasons, the ambient temperature cannot exceed 30°C.
- In “Chrono” mode: the electronic control works according to a daily program with weekly repetition, the program can be configured by the user.
- In ‘Wait’ mode: the resistance is deactivated but the electronic control is operational.

OTHER FEATURES

- Large backlit display showing: time, set temperature and function / mode.
- 3 preset daily programs and 1 user-configurable program.
- “ Open Windows ” function: this function deactivates the control for a maximum of 30 minutes if there is an open window in the room, thus saving energy.
- When turned off, it keeps the date and time for 5 min., if more time passes, when turned on again, the date and time will be lost and will have to be set again. Once it is turned on again, it will return to the same mode it was in when it was turned off.

H. Control operation



1. ON / STANDBY (STAND-BY)

Press the [On / Standby] key to turn on the unit or enter “Standby Mode”. When active, the set mode and temperature are displayed. During “Stand-by” the display shows the On / Off symbol, the current time and the day of the week.

NOTE: When the device enters “Standby” mode, 2 beeps of 0.5 sec are emitted. When the device is turned on, it emits two sounds that last one second.



2. COMFORT / NIGHT MODE

Two different temperature levels can be set:

- “COMFORT” TEMPERATURE: this is the temperature used for “Comfort” and “Chrono” mode.
- “NIGHT” TEMPERATURE: this is the temperature used for the “Night” and “Chrono” modes.

The desired temperature setting can be configured by pressing the [+] and [-] buttons.

The temperature regulation range is between 7 ° C and 30° C.

IMPORTANT!

The “Night” temperature is always lower than the “Comfort” temperature and priority is assigned to the “Comfort” temperature. For this reason, the “Night” temperature can be set in the range 7 ° C ÷ (“Comfort” - 0.5 ° C), on the contrary, the “Comfort” temperature can be adjusted within the entire range: (“Night” + 0.5 ° C) to 30°C.

3. OPERATING MODE

Press [mode] to select the desired mode (see image).

On/Stand-By	Crono	Antifreeze	Night	Comfort

COMFORT MODE

The “Comfort” mode allows you to maintain the set room temperature.

To set this mode:

- Press the [mode] key until the “Comfort” mode icon appears on the screen.
- Set the desired temperature with the [+] and [-] buttons.

NIGHT MODE

In “Night” mode, a temperature lower than the “Comfort” temperature is set. We recommend using this mode at night or when the room is not used for 2 hours or more.

To set this mode:

- Press the [mode] key until the “Night” icon appears on the screen.
- Set the desired temperature with the [+] and [-] buttons.

ANTI-FREEZE MODE

In “ANTI-FREEZE” mode, the temperature is set to 7 ° C. The appliance activates the heating element when the room temperature drops below 7 ° C.

We recommend using this mode when the room will not be used for several days.

- Press the [mode] key until the “ANTI-FREEZE” icon appears on the display.

2H TIMER MODE

The “2h Timer” mode can be used to quickly heat the room or speed up the drying of towels.

- Press the [mode] key until the “2H” icon appears on the screen

The appliance is switched on at maximum power for 2 hours, but the ambient temperature, for safety reasons, cannot be higher than 30° C. The “2h Timer” mode stops automatically after a period of 2 hours and returns to the previously set operating mode. If necessary, the user can return to other modes at any time simply by pressing the [mode] key.

CHRONO MODE

Chrono mode programming

a) Set the current day and time

- Activate the “Standby” mode and press the [Chrono] key for more than 3 seconds.
- The display will show the words: “Ted.”
- Press the [mode] key to enter the mode. Set the current day with the [+] and [-] keys (1 to 7).
- Press the [mode] button again to confirm.

The display now shows the current time to be confirmed.

‘Hours’: use the [+] and [-] keys to set the hour and confirm with the [mode] key.

‘Minutes’: repeat the same procedure and confirm with the [mode] key.

- At the end, the thermostat returns to “Standby” mode.

b) Set the program for Chrono mode (P4)

- Enter the “Standby” mode and press the [Chrono] key for more than 3 seconds.
- At the top of the screen, you will see the words: “Ted.”
- To configure the “Chrono” mode time sequence, press the [+] key until the word “ Prog ” (Programming) appears on the screen. [See the photo on the right].
- Press the [mode] key to enter the mode.



Now you can set a time sequence for each day of the week.

From day 1, select the desired sequence with the [+] and [-] keys to select, for each hour, between the “Comfort” temperature button (full bar) [+] and the “Night” temperature key. (empty bar) [-].

Press [mode] to confirm the setting for the first day, repeat the same procedure for the remaining 6 days of the week.

c) To use a preset mode (P1 P2 P3) or programmable mode (P4)

Press the [Stand-By / ON] key and exit standby mode, press the [mode] key until the chrono symbol appears on the screen.

At the top of the screen, the program in use is shown (from P1 to P4), the programs are selected by pressing the [Chrono] Key, on the outside of the screen you can see, for each program, the operation bars time of the indicated program.



Pre-configured programs in Chrono mode

P1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Monday-Friday
							■	■	■	■							■	■	■	■	■	■	■		Weekend
P2	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Monday-Friday
								■	■	■	■	■	■	■	■	■	■	■	■						Weekend
P3	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Monday-Friday
							■	■	■	■				■	■	■	■	■	■	■	■	■	■		Weekend

4. GENERAL SETTINGS

KEYBOARD LOCK

This function allows the user to lock the keyboard to prevent accidental changes. All buttons on the remote control are locked. To activate the key lock function, press [mode] for 3 seconds. To deactivate the function, repeat the procedure. As a safety feature, you can always turn off the device by pressing the [on/off] key, even when the keypad is locked.

OPEN WINDOWS FUNCTION

The device allows detecting the presence of an open window to limit energy consumption, to activate this mode, activate Standby Mode, press the [Chrono] key for more than 3 seconds, you can scroll through the modes with the [+] key and select FUNC with the [mode] key, the window icon will flash in the upper left corner of the screen, using the [+] key select ON / OFF, visible in the center of the screen, and confirm with [mode] . The icon  will be active during thermostat operation, if the open window is detected, the icon will blink and the system will turn off the heating for a maximum of 30 minutes or until a temperature rise of at least 1.5 ° C.

ASC FUNCTION

This function allows you to optimize the operating times of the device, to limit consumption, activating this mode, the device will record the time necessary to bring a specific room to the specific temperature, adjusting its operation automatically, in this way the thermostat can be activated later of a programmed time if it is possible to reach the desired temperature in less time than foreseen by the operation with the time intervals that have been established. Activate standby mode, press the [Chrono] key for more than 3 seconds, cycle through the modes with the [+] key and select FUNC with the [mode] key, press it until the icon  appears at the top of the screen, select ON with the [+] key and press [mode] again to confirm. After a few seconds, the remote control automatically returns to standby mode.

TEMPERATURE OFFSET

Since every room is different, your thermostat could potentially aim for a slightly different temperature than the set temperature, but this can easily be solved through this feature. To change the temperature setting, while in STANDBY mode, press and hold the [chrono] button for at least 3 seconds to access the settings menu. Then, scroll through the menu with the [+] key until oFS (offset) appears on the display. Press the [mode] key to start. Select the correction with the [+] and [-] keys and then confirm with the [mode] key. A double beep will confirm the insertion. Correction of ± 3 degrees is available with half degree to half degree steps.

Feature available depending on model.

FACTORY RESET

You can reset your device to its default settings, just as if it were still closed in its box when it left the factory.

Feature available depending on model.

1. From STANDBY mode, press and hold the [chrono] key for 3 seconds
2. Scroll through the menu with the [+] and [-] keys until FrSt (factory reset) appears on your display and confirm with the [mode] key
3. Confirm by pressing and holding the [mode] key again for 3 seconds.

ECO MODE (Function only available via optional remote control)

This mode reduces electricity consumption to 3 ° C (Comfort - 3 ° C). In standby mode, press the [Chrono] key for more than 3 seconds, scroll with the [+] key and select FUNC with the [mode] key, press it until the ECO icon appears, select ON with the [+] button and press [mode] again to confirm. After a few seconds, the remote control automatically returns to standby mode.

CONSUMPTION INDICATOR

This useful feature shows the current electricity consumption level depending on the set temperature. The three coloured icons on the display (green, yellow and red) correspond to low, medium and high consumption respectively.

