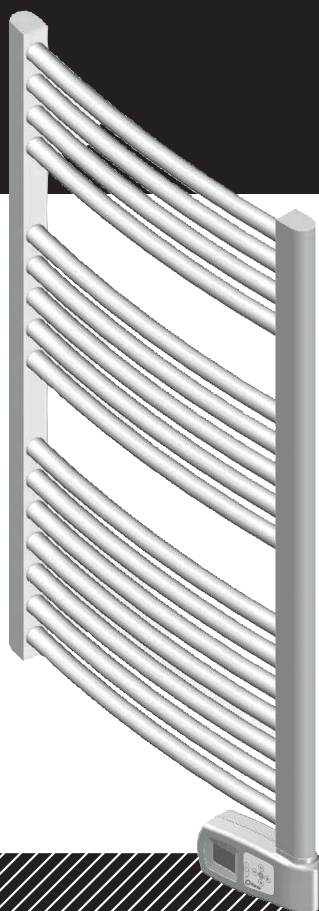




MANUAL DE INSTRUCCIONES

MONTAJE, INSTALACIÓN, PUESTA EN MARCHA Y FUNCIONAMIENTO



INSTRUCTIONS MANUAL

MOUNTING, INSTALLATION,
STARTING AND OPERATION

BEDIENUNGSANLEITUNG

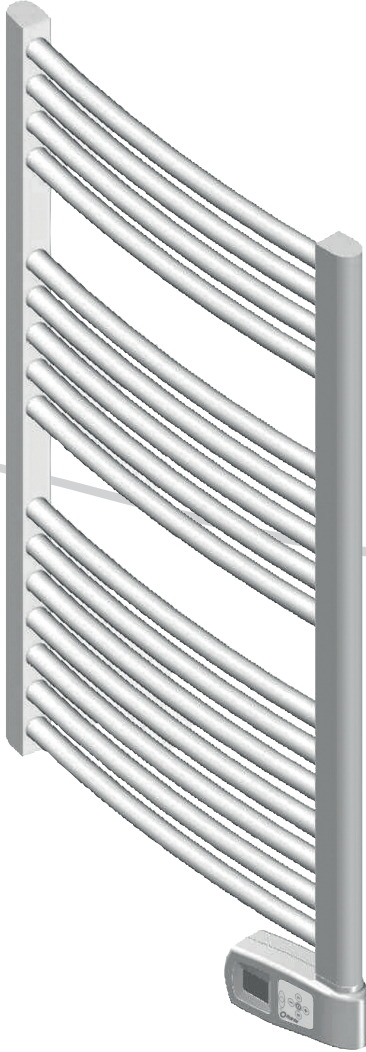
MONTAGE, ANBRINGUNG, INBETRIEBNAHME
UND FUNKTIONSWEISE

MANUEL D'INSTRUCTIONS

MONTAGE, INSTALLATION, MISE EN
MARCHÉ ET FONCTIONNEMENT

MANUAL DE INSTRUÇÕES

MONTAGEM, INSTALAÇÃO, LIGAÇÃO
E FUNCIONAMENTO



**ESPAÑOL 4**

Le estamos muy agradecidos por haber elegido ROINTE, calefacción de bajo consumo eléctrico. Este manual de usuario es para garantizarle muchos años de uso. Léalo detalladamente antes de utilizar el secatoallas y guárdelo en un lugar seguro, le será de utilidad para cualquier consulta.

El perfecto manejo del secatoallas se convertirá en un importante ahorro energético.

ENGLISH 14

Thank you for having chosen ROINTE, low power consumption heating systems. This user's manual will guarantee you many years of use. Please read it carefully before using the heated towel raid and keep it in a safe place for future reference.

The correct operation of the heated towel raid shall mean a significant energy saving.

DEUTSCH 24

Wir freuen uns, dass Sie sich für eine energiesparende Heizung von ROINTE entschieden haben. Dieses Handbuch soll Ihnen eine langjährige Nutzungsdauer garantieren. Lesen Sie es vor der Benutzung des Heizkörpers genau durch und bewahren Sie es an einem sicheren Ort auf, um es bei Bedarf zu Rate zu ziehen.

Der richtige Gebrauch des Heizkörpers bedeutet maximale Energieeinsparung.

FRANÇAIS 34

Nous vous remercions d'avoir choisi ROINTE, système de chauffage consommant peu d'énergie. Ce mode d'emploi vous permettra d'utiliser votre sèche serviettes pendant de nombreuses années. Lisez-le attentivement avant d'utiliser le sèche serviettes et conservez-le dans un endroit sûr pour pouvoir le consulter ultérieurement.

Manipuler correctement le sèche serviettes vous permettra de réaliser une économie d'énergie importante.

PORTUGUÊS 44

Obrigado por ter escolhido ROINTE, aquecimento central de baixo consumo eléctrico. Este manual de utilizador garante-lhe uma utilização por muito tempo. Leia-o detalhadamente antes de utilizar o seca toalhas e guarde-o num lugar seguro, utilizando-o em qualquer consulta.

O manuseamento completo do seca toalhas torna-se numa importante poupança de energia.



ENGLISH

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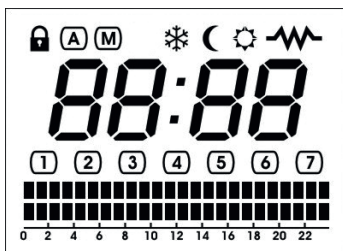
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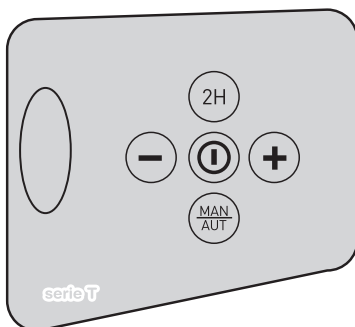
1. DESCRIPTION OF THE T SERIES TOWEL RAIL

1.1. Front Panel Parts

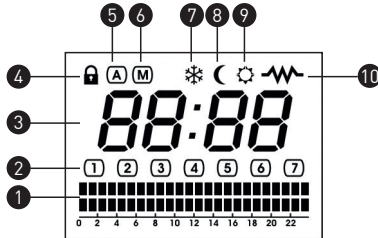
LCD DISPLAY



CONTROL PANEL



1.1.1. Display parts






SEGMENT	INDICATION
1	PROGRAMMING
2	DAYS OF THE WEEK
3	TEMPERATURE SELECTED/TIME OF DAY
4	LOCKING THE CONTROL PANEL
5	AUTOMATIC MODE
6	MANUAL MODE
7	ANTI-FROST MODE
8	ECONOMY MODE
9	COMFORT MODE
10	HEATED TOWEL RAIL ON




1.2. Switching On & Off

By pressing the key , we switch the towel rail on or off.

1.3. Locking the Control Panel



By pressing the keys  and  at the same time for 3 seconds, we lock the control panel, the control panel symbol  is activated, and the keys will not respond when pressed. To unlock, repeat the same procedure.

1.4. Selection of Temperature

By pressing  or  we set the temperature. When the room temperature is lower than the one set, heated the towel rail goes on, the  symbol appearing.

1.5. Manual/Automatic Mode




By pressing  we change between the Manual and Automatic mode.

When the manual mode is selected, the symbol  appears on the display. When the automatic mode is selected, the symbol  appears on the display.



1.5.1. Manual Mode


This enables to choose between the modes of operation COMFORT, ECO and ANTI-FROST, changing the temperature as indicated in Section 1.4.


SYMBOL	MODE	TEMPERATURE RANGE
	COMFORT	20°C TO 30°C
	ECO	15°C TO 19.5°C
	ANTI-FROST	8°C

1.5.2. Automatic mode

This mode activates the programming set on the heated towel rail.

1.6. Two-hour Boost Mode (2H)

By pressing the key , the heated towel rail will work for two hours at maximum power, regardless of any other mode. This mode takes priority over any other.





2H will be shown in the display when the heated towel rail is set at the two-hour mode, until the two hours have finished or the  key is pressed again.

2. PROGRAMMING THE T SERIES TOWEL RAIL

IMPORTANT NOTICE: PLEASE READ THE INSTRUCTIONS FULLY BEFORE STARTING THE PROGRAMMING TO ENSURE A GOOD UNDERSTANDING OF THE PROCESS.



2.1. Adjusting the time and day






In order to adjust the time and day of the week, please follow the steps below. First we choose the hour, then the minutes, then the day of the week:

To enter the time and day adjust mode, please ensure that the screen shows an  symbol (if the screen shows an , press  briefly to switch to manual operation) and press and hold for 3 seconds the  button. The hours will start flashing.

Select the hour using the  and  buttons to move the hour up or down.




Press  once and the minutes will start to flash.



In the same way as with the hours, use  and  to increase or decrease the minutes to select the correct time.



Once the minutes are correct press  again so that the day  flashes. This represents Monday. With the  button we can advance through to day 2 (Tuesday), day 3 (Wednesday) etc. until we reach the required day. Press  again to confirm the day and once more  to leave the time and date adjust mode.



2.2. Programming the towel rail



It is possible to programme the towel rail using the control panel.




In order to start the programming please ensure that the screen shows automatic mode with the symbol . If the screen shows an  symbol, please press the  button to change modes.


By pressing and holding  for 3 seconds the button we enter programming mode. The first thing you will see is the sun symbol  flashing, representing the comfort mode. The comfort mode temperature will also be displayed.








Using the  and  buttons we can increase and decrease the temperature desired within the comfort mode, from 20°C to 30°C. This temperature will be applied later when programming an hour with the comfort mode setting.


Once the comfort mode temperature is selected, press the  button so that the moon symbol  appears flashing. This symbol represents the economy (eco) mode. The economy mode temperature will also be displayed.

Using the  and  buttons we can increase or decrease the eco mode temperature, from 15°C to 19,5°C. The selected temperature will be applied later when programming an hour with the eco mode setting.

Next we press the  button to move to selecting the days of the week that we wish to program from  (Monday) to  (Sunday). These numbers will initially be flashing and they will also be represented by **SEL 1**, **SEL 2**, **SEL 3** etc.







Pressing the on/off button  will select a day, which will stop flashing.

To select another day to be programmed, use  and  to change the day (we can move directly from day  to day  and day  to day , if required) and select each day by pressing the on/off button  so that it stops flashing.

Repeat this until all the days you wish to be programmed have stopped flashing. Once you are ready, we can move on to programming hour by hour by pressing the  button.

NOTE: At this stage, it is possible that you have programmed the radiator previously and you are now changing the programming. When the days selected have different programming, they will all change by default to the programming of the last day selected, which also happens when programming with the remote control.

From the numbers we can see the selected hour in 24 hour display (**00H** is midnight, **01H**, **02H**,...). On the hourly programming bar at the bottom of the screen you will see the programming for the whole day and the selected hour flashing.

Use the  button to change between COMFORT ( symbol), ECO ( symbol) and OFF for every hour. Move through the hours using  or  and change each hour's programming using the  button every time you wish to change the setting.



If you do not wish to change the programming of a particular hour, continue to the next hour you wish to change. Once all of the hours are programmed, or left blank without programming, press the **(2H)** button to exit, or leave the unit for 30 seconds without pressing anything.

3. MOUNTING INSTRUCTIONS

Inside the box you will find a mounting kit.

1. Choose the right part of the wall.
2. Place the mounting stencil on the wall, marking the places for the holes.
3. Remove the stencil and make the holes in the wall.
4. Insert the rawl plugs in the holes made.
5. Screw the plastic fastener to the wall with the 6.3 x 50 mm screw.
6. Screw the two brackets for supporting the heated towel rail and the plastic fastener to the horizontal tube of the heated towel rail like in Figure 1 with the 3/8" x 40 mm screw.
7. Insert what you have assembled in Section 6 into the plastic piece and fix well with the 2.9 x 9.5 mm stud bolt.
8. Place the cover on the piece supporting the heated towel rail.

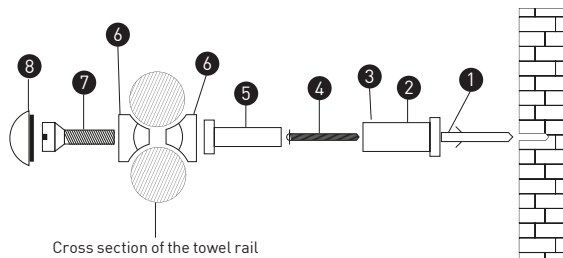
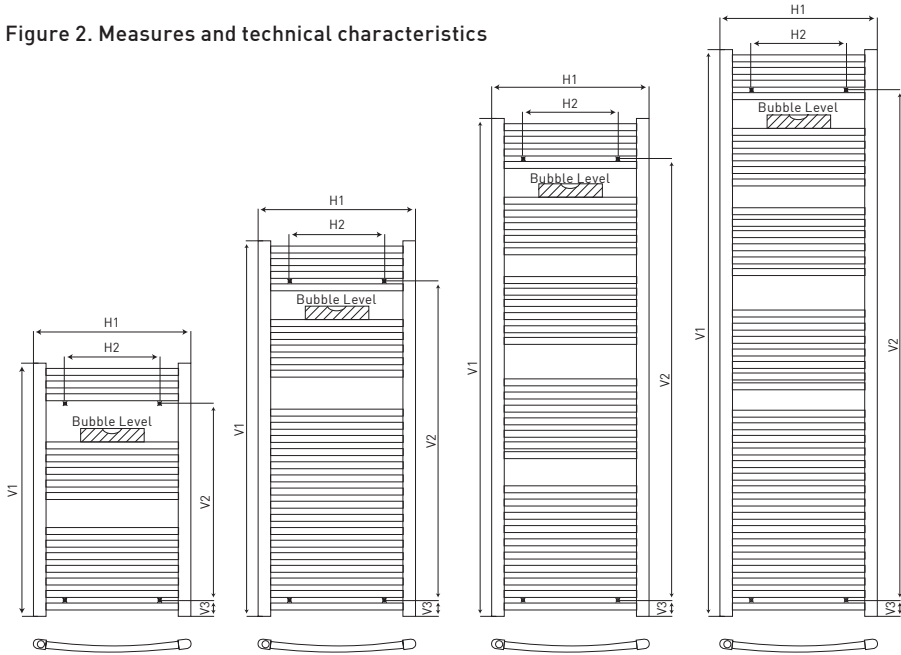


Figure 1.

1	10 mm Rawl Plug
2	Plastic Fastener
3	Screw 2.9 x 9.5 mm
4	Screw 6.3 x 50 mm
5	Plastic Fastener
6	Profile of Heated Towel Rail
7	Screw 3/8" x 40 mm
8	Cover

Figure 2. Measures and technical characteristics



REFERENCE	H1	H2	V1	V2	V3
TN030***	500 mm	300 mm	800 mm	624 mm	49 mm
TN050***	500 mm	300 mm	1,200 mm	1,024 mm	49 mm
TN075***	500 mm	300 mm	1,600 mm	1,424 mm	49 mm
TN100***	500 mm	300 mm	1,800 mm	1,625 mm	49 mm

CODE	MODEL	POWER	VOLTAGE	HEIGHT	WIDTH	DEPTH	INST.DEPTH	WEIGHT
TN030SEB	T.WHITE 030	300 W	230V~	800 mm	500 mm	50 mm	100 mm	11 kg
TN050SEB	T.WHITE 050	500 W	230V~	1,200 mm	500 mm	50 mm	100 mm	15 kg
TN075SEB	T.WHITE 075	750 W	230V~	1,600 mm	500 mm	50 mm	100 mm	22 kg
TN100SEB	T.WHITE 100	1,000 W	230V~	1,800 mm	500 mm	50 mm	100 mm	28 kg

CODE	MODEL	POWER	VOLTAGE	HEIGHT	WIDTH	DEPTH	INST.DEPTH	WEIGHT
TN030SEM	T.METALLIC030	300 W	230V~	800 mm	500 mm	50 mm	100 mm	11 kg
TN050SEM	T.METALLIC050	500 W	230V~	1,200 mm	500 mm	50 mm	100 mm	15 kg
TN075SEM	T.METALLIC075	750 W	230V~	1,600 mm	500 mm	50 mm	100 mm	22 kg
TN100SEM	T.METALLIC 100	1,000 W	230V~	1,800 mm	500 mm	50 mm	100 mm	28 kg

CODE	MODEL	POWER	VOLTAGE	HEIGHT	WIDTH	DEPTH	INST.DEPTH	WEIGHT
TN030SEC	T.CHROME 030	300 W	230V~	800 mm	500 mm	50 mm	100 mm	11 kg
TN050SEC	T.CHROME 050	300 W	230V~	1,200 mm	500 mm	50 mm	100 mm	15 kg
TN075SEC	T.CHROME 075	500 W	230V~	1,600 mm	500 mm	50 mm	100 mm	22 kg
TN100SEC	T.CHROME 100	750 W	230V~	1,800 mm	500 mm	50 mm	100 mm	28 kg



4. CONNECTING INSTRUCTIONS

Connection to the mains must be made observing the voltage stated on the product technical data label.

This appliance is designed to be permanently installed connected to fixed facilities. The heated towel rail power supply circuit must have an all-pole circuit breaker switch with a separation of at least 3 mm between the contacts.

The appliance must be installed, if possible, away from any source of draughts (windows, doors) or any other thing which may affect its functioning. In this way, the temperature will not be affected. Place any object which might prevent the air flow (furniture, armchairs) 50 cm away from the front of the appliance.

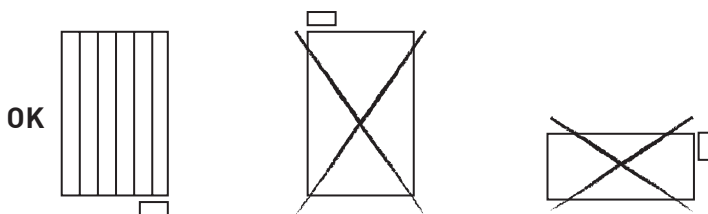
The heater must never be installed immediately below a power point.

The lower part of the control panel must be placed at least 15 cm from the floor.

For any appliance, if the power cable is damaged, it must be replaced by a specific cable. The replacement of the cable must be done by the maker, its after-sales service or qualified personnel. The technical specifications of your appliance appear on the technical data label.

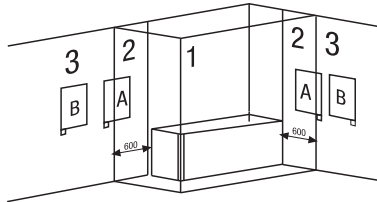
IMPORTANT

- This device must never be installed with its control panel in high position
- The vertical device must not be used horizontally
- During installation, use wedges so that the control panel will not be in contact with the floor.



4.1. Specific Regulations for Bathrooms

This device is in compliance with CLASS II safety regulations (double insulation). It can be installed in volumes 2 and 3, position A and B whenever it observes the following regulations:



- In bathrooms, the radiator-heated towel rail must never be installed in such a way that the switches and other control devices may be touched by someone in the bathtub or having a shower.
- In a kitchen or bathroom, the heated towel rail shall be placed at least 25 cm from the floor.
- It must not be earthed.

5. MAINTENANCE & CLEANING

Thanks to the high standard of its materials and surface treatment, your heated towel rail is protected against corrosion.

Don't use abrasive or corrosive products. Use a cloth with alcohol, taking the precaution to switch off the device beforehand. For the control panel, use a dry cloth (without any solvents).

5.1. Safety

This product is not intended to be used by persons (including children) with reduced physical, sensory, or mental capacities, or have no experience or knowledge of the product, except if they are supervised or instructed in the use of the product by a person who is responsible for his or her safety. Children must be supervised at all times to ensure that they do not play with the product.

6. GUARANTEE

6.1. If your ROINTE heated towel rail needs to be sent to the guarantee service, send it to the dealer / installer where it was purchased. In the event of any problems, you can contact ROINTE on its TECHNICAL ASSISTANCE HELPLINE +34 902 15 80 49 or e-mail us at sat@rointe.com.

6.2. ROINTE guarantees this product is free from defects in materials, design and workmanship at the time of its purchase and for the immediately following period of 120 months regarding aluminium and leaktightness, and 24 months for electric and electronic parts.

6.3. If during the guarantee period the heated towel rail fails to work properly, due to defects



in design, materials or workmanship, ROINTE shall repair or replace the radiator, whichever it considers to be more advisable, in the terms and conditions stated below:

6.3.1. The guarantee shall only be covered if the original Certificate of Guarantee issued to the buyer by the dealer or installer is presented, and when the guarantee states the towel rail serial number and model (on the technical data label) and its date of purchase. ROINTE reserves the right to refuse the guarantee service when this information has been removed or changed following the original purchase of the product.

Only the original receipt or invoice shall be accepted as proof of purchase when presented to the dealer or installer that sold the product.

6.3.2. The guarantee shall only be applicable to cases regarding defects in materials, design and workmanship, and shall never cover any damages due to the following:

6.3.2.1. Incorrect use of the product for other than normal purposes or failure to observe the instructions given by ROINTE regarding the use and maintenance of the heated towel rail, as well as the installation or use of the product in a way that fails to comply with the applicable technical safety standards.

6.3.2.2. Repairs made by unauthorized repair shops or the opening of the heated towel rail by unauthorized persons.

6.3.2.3. Unforeseen circumstances beyond the control of ROINTE, such as lightning, fire, floods, public disorder, etc.

6.3.2.4. The repairs or replacements covered in this guarantee do not permit any extension or new beginning of the guarantee period.

The repairs or replacements covered in this guarantee shall be made with functionally equivalent reconditioned units. The faulty parts or pieces removed shall become the property of ROINTE.

6.3.2.5. This guarantee does not affect the buyer's statutory rights under the current national laws, or the buyer's rights against those of the dealer or installer arising from the contract of sale.

6.3.2.6. In the event of there being no national legislation applicable, this guarantee shall be the buyer's sole protection. ROINTE, its offices, dealers and installers shall not be held liable for any type of damages, whether fortuitous or accidental, arising from the failure to observe any of the regulations related with this product.

European Directive 2002/96/EC



Under the European Directive 2002/96/EC on waste electrical and electronic equipment (WEEE), the apparatus cannot be disposed in the usual council bins and containers. They must be separated to optimize the recovery and recycling of all of the components and materials and reducing the impact to human health and the environment. The symbol of the container crossed out over a horizontal line marks all of ROINTE's products to remind the consumer of the obligation to separate them on disposal. The consumer should contact the local authority or original point of sale to learn more about the correct disposal of this product.



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