



User Manual

D Series radiator

Models

0330RAD | 0550RAD | 0770RAD | 0990RAD | 1210RAD | 1430RAD | 1600RAD

Please read this manual carefully before installation and operation. Please keep this manual for future reference and your product guarantee conditions.

10
YEARS

GUARANTEE
ON BODY

2
YEARS

GUARANTEE
ON ELECTRONICS



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1. INTRODUCTION

Thank you for choosing this product. Please read this manual carefully before operation and retain for further use.

ROINTE digital electric radiators are designed for all types of environments and to meet any thermal need. The careful choice of components and materials ensures efficiency, without affecting comfort.

Using a unique design, ROINTE radiators utilise natural air convection with an air-speed of >0.1 m/s. Cold air is introduced at the bottom of the radiator and raises its temperature by passing through the interior of the heating element and expelling at the top as warm air. This allows a constant room temperature with a small variation of only $\pm 0.25^{\circ}\text{C}$.

To ensure maximum energy efficiency, ROINTE products must be correctly sized. Please check with your installer or supplier, before installation, that the product you have purchased is the correct size for the room requirements. **ROINTE will not be held responsible for incorrectly sized products, unless an official ROINTE Technical Study has been completed and followed.** We recommend mounting the product on the wall at a height between 10 and 15 cm from the floor. This guarantees optimal natural convection throughout the room.

IMPORTANT: When using electrical appliances, precautions should be taken to reduce the risk of fire, electrical shock and injury to persons.

IMPORTANT: This product is filled with a precise amount of thermal oil that does not require maintenance. Any repairs that require opening the oil tank must be done by ROINTE or authorized personnel, who should also be notified if an oil leak is noticed. Please observe regulations when disposing of this product and its thermal oil.

IMPORTANT: To disconnect the product from the main power supply, remove the plug from the socket. Do not pull the cable.

WARNING: If the power cable is damaged, it must be replaced by ROINTE or its authorized personnel in order to avoid any damage.

WARNING: Servicing and product repairs should only be undertaken by ROINTE or its authorized personnel using only exact manufacturer-approved spare parts.

WARNING: The product is IP24 rated and may be used in bathrooms, however not in the immediate vicinity of baths, showers, water connections, basins, swimming pools or other bodies of water. The product must never be installed where itself or the switches/control panel is within the reach of persons in water. Never use the product with wet hands. Do not place any water containers (glasses, vases etc.) on or near the product.



WARNING: To avoid overheating or the interruption of the natural convection cycle, do not cover the product. This includes furniture, curtains, clothes and any other items. Do not insert any kind of object in the product or obstruct its air circulation. Obstructions should not be placed in front, above or directly next to the product. Do not use insecticides, paints, chemicals or aerosols on or near the product. Do not sit on the product. Failure to comply with the above will render your guarantee invalid.

WARNING: This product can be used by children aged over 8 years and by persons with reduced physical, sensory or mental capabilities, or lack of experience and knowledge if they have been given supervision or instruction concerning use of the product in a safe way and understand the hazards involved. Children should not plug in, regulate, clean, play with or perform maintenance on this product. Children aged less than 3 years should be kept away from the product unless supervised.

2. FEATURES & FUNCTIONS

Not only are our radiators Lot20 compliant, we also include functions to help manage efficiency more effectively.

- **Open Windows**

This function is activated when a 4°C temperature decrease happens within a 30 minute time period. This normally occurs when a window is left open, letting warm air escape and wasting consumption. If this happens, your product will automatically activate the Anti-frost mode for 2 hours. If needed, push the on / off button to switch your product off, leave for 5 seconds and press again to turn the product on without the active Open Windows.

- **Temperature set indicator**

The temperature set indicator shows on the product display screen to indicate what level of temperature has been set in programming. A green indicator means the temperature is set between 7 - 18.5 °C. A yellow indicator is between 19 - 24.5 °C. A red indicator is between 25 - 30 °C. This indicator appears automatically and cannot be altered manually. You can see the product consumption and usage statistics in the Rointe Connect app.

- **User mode**

This allows you to set custom limits for Comfort and Eco mode with a minimum and maximum temperature, locked by a PIN. It prevents temperature selections above a certain range by anyone who interacts with the product. You can avoid incorrect use, which could cause an increase in consumption and energy bills.

- **Built-in WiFi & e-life technology**

The high powered WiFi module and e-life technology, built into your Rointe product, allow real-time synchronization with the Rointe Connect app. Any change made via the Rointe Connect app will update your product instantly for easier energy management. You won't need intermediate or additional devices. **Please note your WiFi network must only be 2.4 GHz in order for the app and WiFi module in your product to work.**

- **Fuzzy Logic Energy Control**

This patented technology improves the energy management required to maintain a stable temperature, analysing thermal variations with an accuracy of $\pm 0.25^{\circ}\text{C}$. It predicts the amount of energy needed at each moment until the set temperature is reached. It then proportionally reduces the energy demand required, smoothing the initial curve by lowering the peak temperature. Once the set temperature is reached, Fuzzy Logic Energy Control generates micro-cuts to keep the temperature stable. When active the  symbol will be replaced with the  symbol on the product control panel display.

3. INSTALLATION

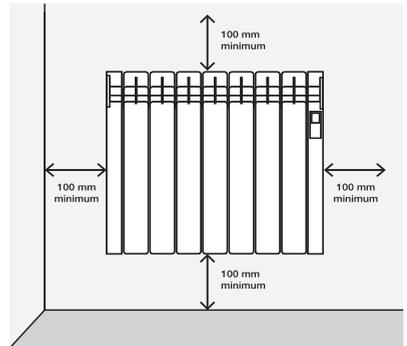
We recommend using a Rointe Trusted Supplier. Find your nearest one by calling us on **0203 321 5928** or using the locator at **www.rointe.co.uk**.

IMPORTANT: Before installation, please locate the metal tag situated on the back of the product and note the product reference and serial number. You will need this information to register your guarantee.

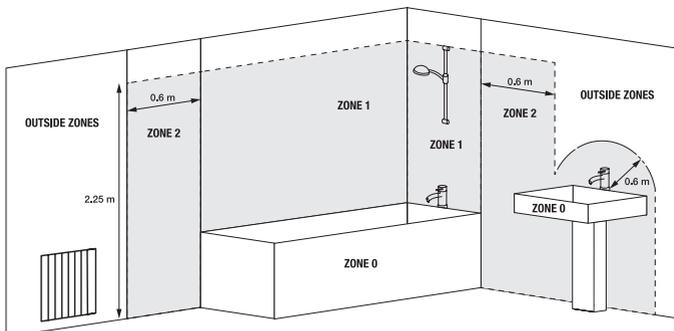
WARNING: Do not install the product directly below a fixed socket outlet or connection box. Do not install or use outdoors. Do not install directly underneath a shelf. This product is designed for internal wall-mounted installation using the ROINTE template, installation kit and fixing items provided.

The product should be wall-mounted in an upright position according to the minimum clearances shown opposite, using the brackets and fixings supplied.

Our products transfer heat through natural air convection. If the product is covered, this will interrupt air-flow and could cause overheating. Please do not cover the products or place any object (including furniture) directly in front of it.

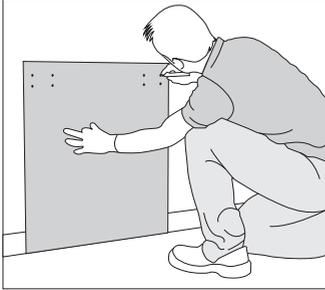


WARNING: The product is IP 24 rated and may be used in bathrooms, but not near baths, showers, water connections, basins etc. It can only be installed outside of zone 1 and 2. The product must not be installed where itself or the control panel is within the reach of persons in water.



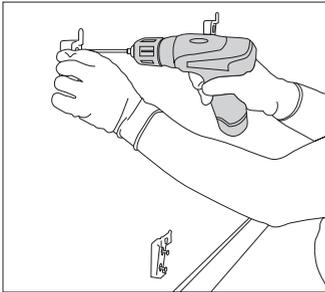
Inside the product packaging, you will find an installation kit. You will need a drill, rubber mallet, spirit level and a pencil to complete the installation.

IMPORTANT: Please follow these instructions carefully.



1. Remove packaging and check installation kit contains brackets, screws, rawl plugs and cardboard template.
2. Place template on the wall and mark holes for brackets and screws. Observe minimum distance requirements on the previous page.

Use the floor as a base for the template, **not** the skirting board.

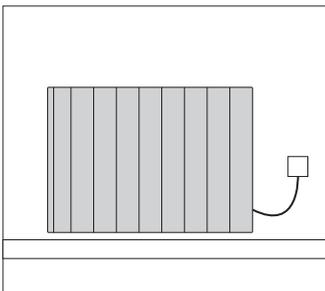


3. Remove the template and carefully drill the marked holes.
4. Fix upper brackets using the plugs and screws provided. Then fix the lower bracket.

NOTE: The lower bracket has a different design to the upper ones, so you can tell them apart.



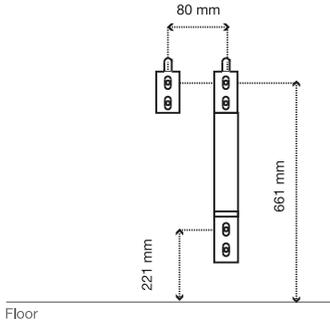
5. Slide product into fixed brackets, using a top to bottom method. Lift the product higher than the bracket and slide downwards into position.
6. Check the straightness with a spirit level and adjust brackets accordingly if needed.



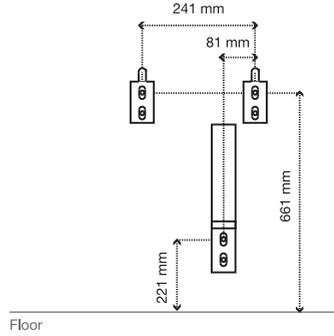
7. Connect your product to the electric supply and switch on.
8. See section 5 for operation instructions.

IMPORTANT: Template measurements per model

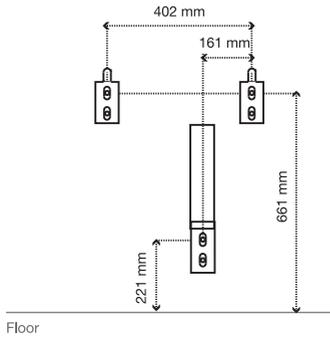
0330RAD - 3 elements



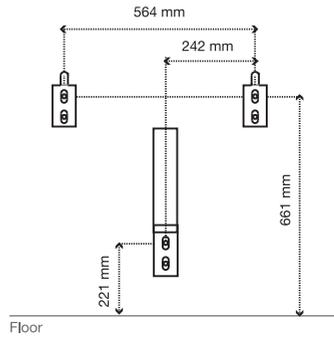
0550RAD - 5 elements



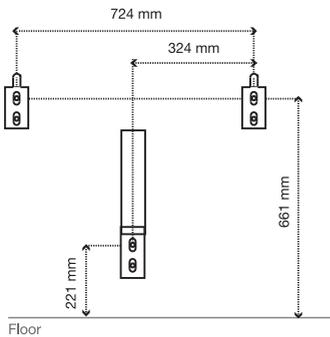
0770RAD - 7 elements



0990RAD - 9 elements

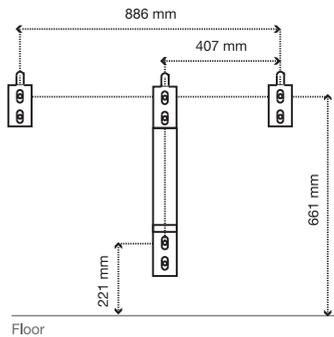


1210RAD - 11 elements

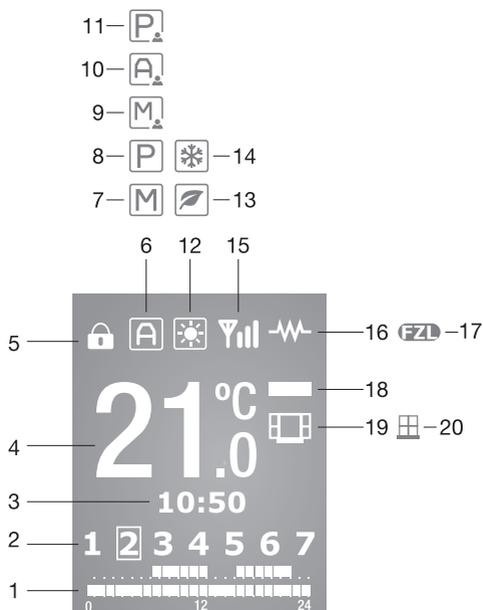


1430RAD - 13 elements

1600RAD - 15 elements

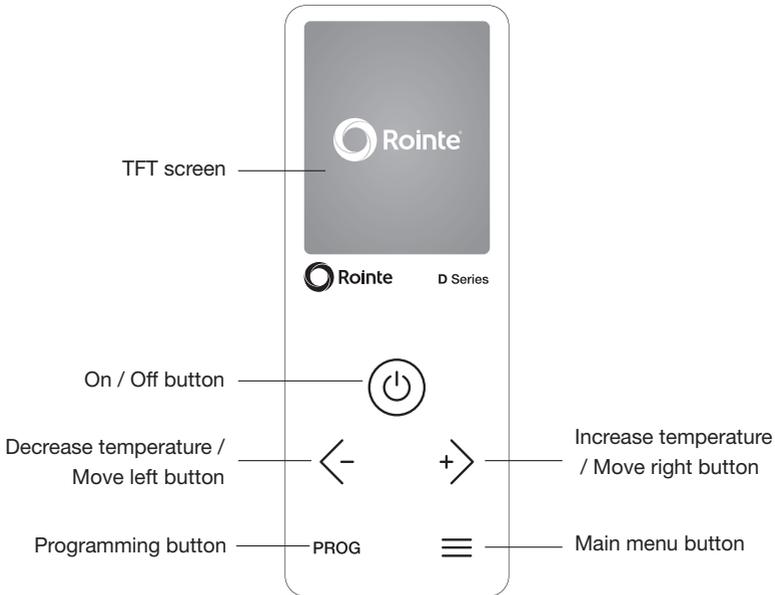


4. CONTROL PANEL



1	Hourly programming		11	Pilot Wire* with User mode	
2	Day of the week		12	Comfort mode	
3	Current time		13	Eco mode	
4	Set temperature		14	Anti-Frost mode	
5	Control panel locked / unlocked		15	WiFi status indicator	
6	Manual mode		16	Heating element active	
7	Automatic mode		17	Fuzzy Logic Energy Control active	
8	Pilot Wire* mode		18	Temperature set indicator	
9	Manual with User mode		19	Open window active and detected	
10	Automatic with User mode		20	Open window active, not detected	

* Pilot Wire not available in UK or Ireland. Only on request.



5. OPERATION & PROGRAMMING

5.1 Switch on / off

To turn the product on, press  once. To turn off press the  button again.

When you turn the product on for the first time, it will ask you to set the date and time. Use the  and  buttons to select the correct time and press  to confirm. Then use  and  again to select the correct minutes and press . Use  and  to select the correct day and press  to confirm.

5.2 Lock / unlock keypad

The keypad can be locked using the control panel or the Rointe Connect app. You must unlock the keypad via the method used to lock it. To lock / unlock the keypad using the product control panel, press and hold  and  together for 3 seconds.

5.3 Adjust day / time

The day / time will automatically update when product is paired with the Rointe Connect app. To manually adjust using the control panel, press  once. Use  and  to highlight  for settings and press . Highlight  for day/time and press .

Use  and  to set hour and press . Use  and  to set minutes and press . Use  and  to set day (1 for Mon etc.) and press .

5.4 Heating elements

If the room temperature is lower than the product set temperature, an  icon will show in the top right of the screen. This means that the heating elements are active to increase the room temperature.

When Fuzzy Logic Energy Control technology is active, this symbol will change to  in the top right of the screen.

5.5 Menus

Press the  button to access the main menu. Use  and  to select a menu from the 4 options and press . The available options are: Settings, Features, Balance and Programming.

	Settings 	Screen brightness
		WiFi
		Language
		Day / Time
	Features 	Open Windows
		Presence Detect
		Effective power
		Information
	Balance 	Reset product temperature & mode
	Programming 	Manual / Automatic mode
		Programming
		User mode
		Pilot wire (only available on request)

5.5.1 Settings menu

Press the  button to access the main menu. Use the  button to navigate to  **SETTINGS** and press . Then choose a submenu using the  button and press . The available submenus are:

	<ul style="list-style-type: none"> Screen brightness Adjust the brightness of display. Use  and PROG to choose back-light or stand-by screen brightness and then use  &  to increase or decrease brightness. Press  to save. 	
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	<ul style="list-style-type: none"> • WiFi network <p>Shows product WiFi network and PIN for pairing. Make a note of these to enter in the Rointe Connect app. Press  to exit.</p>	
	<ul style="list-style-type: none"> • WiFi connection <p>When the smartphone is connected to the radiator network, the following display will appear:</p>	
	<ul style="list-style-type: none"> • Product configuration <p>When the product has received the configuration from the smartphone, it will start processing and display the following screen:</p>	
	<ul style="list-style-type: none"> • End of the pairing process <p>This screen indicates to the user that the product has processed the information received. After displaying this screen for 2 seconds the product will restart.</p>	
	<ul style="list-style-type: none"> • Language <p>Change the language. Use  and PROG to choose a language. Press  to save.</p>	
	<ul style="list-style-type: none"> • Day / Time <p>Adjust the day/time of your product. Use the  and  buttons to set hour and press . Use  and  to set minutes and press . Use  and  to set day (1 for Mon, 2 for Tue etc.) and press .</p>	

5.5.2 Features menu

Press the  button to access the main menu. Use the  button to navigate to FEATURES and press . Then choose a submenu using the  button and press . The available submenus are:

	<ul style="list-style-type: none"> • Open Windows <p>Use the  and PROG buttons to select whether you want this function on / off and press  to save. See section 2 for more information on this function.</p>	
	<ul style="list-style-type: none"> • Presence Detect <p>Use the  and PROG buttons to select whether you want this function on / off. Press  to save.</p> <p>* Presence Detect not available in UK or Ireland. Only on request.</p>	
	<ul style="list-style-type: none"> • Effective Power <p>Displays information regarding product consumption, such as working time and effective power.</p> <p>The effective power is the actual value of the product nominal power that it consumes during operation.</p>	
	<ul style="list-style-type: none"> • Information <p>Displays various information regarding the WiFi and software version of the product.</p> <p>Use the  button to move through the information screens or press  to exit.</p>	

5.5.3 Balance menu

	<ul style="list-style-type: none"> • Balance function <p>This function resets the product to a temperature of 19°C in Manual mode. Once selected, the product will perform the reset and return to the main screen.</p>	
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5.5.3 Programming menu

Press the **PROG** button to access the programming menu. Then choose a submenu using the  button and press . The available submenus are:

<p>MAN/ AUTO</p>	<ul style="list-style-type: none"> Manual / Automatic mode <p>This switches between Manual M or Automatic A mode. Press ⏻ to toggle between MAN or AUTO. Do not touch any buttons for 30 seconds to save and return to main screen.</p> <p>Manual mode allows you to manually adjust product temperature. Press < to decrease and > to increase.</p> <p>Automatic mode enables previous product programming.</p>		
	<ul style="list-style-type: none"> Automatic programming <p>Check the product is in Automatic mode. It will have an A on the main screen.</p> <p>If not in Automatic mode, press the PROG button. Use the > button to navigate to MAN/AUTO. Press ⏻ to toggle between MAN or AUTO. Do not touch any buttons for 30 seconds to save and return to main screen.</p>		
	<p>STEP 1</p>	<p>Press PROG once. Use the < and > buttons to highlight  for programming and press ⏻.</p>	
	<p>STEP 2</p>	<ol style="list-style-type: none"> Select Comfort  mode temperature <p>Use < and > to set Comfort mode temperature between 19 - 30°C. Press ⏻ to save.</p> <ol style="list-style-type: none"> Select Eco  mode temperature <p>Use < and > to set Eco mode temperature between 7.5 - 18.5°C. Press ⏻ to save.</p>	
	<p>STEP 3</p>	<ul style="list-style-type: none"> Select days <p>Start on day 1 (Monday). Press ⏻ to include this day in your programming. The day will stop flashing. Press ⏻ again to exclude the day and it will start flashing.</p> <p>Use > to move forwards to the next day. Repeat for all days of the week. Once you have selected your days to program, press > to move to step 4.</p>	

	<p>STEP 4</p>	<ul style="list-style-type: none"> • Select hours <p>Start on 0h (midnight). Press  to choose Eco mode, press  again for Comfort mode or press  again for Off mode for this hour.</p> <p>Use  to move onto the next hour and repeat the Eco / Comfort / Off mode selection using .</p> <p>Repeat until all hours are programmed. Press  to confirm and exit.</p>	
<p>USER</p>	<ul style="list-style-type: none"> • User mode <p>This allows you to set a maximum temperature for Comfort mode and a minimum temperature for Eco mode, locked by a PIN. It prevents temperature selections above a certain range by anyone who interacts with the product.</p> <p>For example, by setting the Comfort maximum to 21°C and the Eco minimum to 18°C, the user can only move between these temperatures, helping you to save money and energy.</p>		
	<p>STEP 1</p>	<p>Press PROG once.</p> <p>Use the  and  buttons to highlight USER and press .</p>	
	<p>STEP 2</p>	<p>To access the menu for the first time enter the default PIN: 0000.</p> <p>Use , ,  and PROG to select the correct numbers, pressing  after each to confirm.</p> <p>Then move to OK and press .</p> <p>You will now be in the User menu with 4 options.</p>	
<p>OPTION 1</p> 	<ul style="list-style-type: none"> • Switch On / Off <p>Use  and PROG to select on / off and press  to save. Do not touch keypad for 30 seconds to return to main screen.</p> <p>An  will appear when product is in Manual User mode, an  when in Automatic User mode and  for Pilot Wire*.</p> <p>* Pilot Wire not available in UK or Ireland. Only on request.</p>		

	<p>OPTION 2</p> 	<ul style="list-style-type: none"> • Change PIN <p>Use <- and +>, and ≡ and PROG to select new numbers, pressing (power) after each to confirm.</p> <p>Then move to OK and press (power). The screen will show PIN changed.</p> <p>Please remember your PIN for the future. You will need this to access the User mode menu.</p>	
<p>USER</p>	<p>OPTION 3</p> 	<ul style="list-style-type: none"> • Set maximum temperature <p>The maximum default temperature for Comfort User mode is 30°C. You can change this here.</p> <p>Use the <- and +> buttons to select the new temperature between 19°C and 30°C. Press (power) to save.</p>	
	<p>OPTION 4</p> 	<ul style="list-style-type: none"> • Set minimum temperature <p>The minimum default temperature for Eco User mode is 7.5°C. You can change this here.</p> <p>Use the <- and +> buttons to select the new temperature between 7.5°C and 18.5°C. Press (power) to save.</p>	
<p>PILOT</p>	<ul style="list-style-type: none"> • Pilot Wire* mode <p>This option activates the pilot wire mode for those products that are connected to a control panel by means of a pilot wire. A P will appear on the main screen to show it is active.</p> <p>Use ≡ and PROG to select on / off and press (power) to save. Do not touch keypad for 30 seconds to return to main screen.</p> <p>* Pilot Wire not available in UK or Ireland. Only on request.</p>		

6. QUICK START GUIDE

D SERIES BASIC OPERATION

Turn product on / off

- Press  once.

Lock / unlock control panel

- Press and hold  and  together for 3 seconds.

Adjust day and time

- Press  once. Use  and  to highlight  for settings and press .
- Highlight  for day/time and press .
- Use  and  to set hour and press .
- Use  and  to set minutes and press .
- Use  and  to set day (1 for Mon, 2 for Tue etc.) and press .

Switch between manual & automatic mode

- A  (manual) or  (automatic) will show in the top left of the home screen.
- Press PROG once. Use  and  to select top left setting for MAN or AUTO.
- Press  to toggle between MAN (manual) or AUTO (automatic).
- Don't touch keypad for 60 seconds to confirm & exit to main screen.

D SERIES MANUAL MODE

1. Select Manual mode

- Press PROG once. Use  and  to select top left setting.
- Use  to toggle between MAN (manual) or AUTO (automatic).
- Do not touch the keypad for 60 seconds to confirm and exit to main screen.
- An  will appear on the main screen.

2. Select temperature

- Press  to decrease temperature. Press  to increase temperature.

3. Switch radiator off when heating not required

- Press . Press  again to switch radiator on with previous programming.

D SERIES AUTOMATIC MODE

1. Select Automatic mode

- Press PROG once. Use < and > to select the top left setting for MAN/AUTO.
- Use  to toggle between MAN (manual) or AUTO (automatic).
- Do not touch the keypad for 60 seconds to confirm and exit to main screen.
- An  will appear on the main screen.

2. Go to programming menu

- Press PROG once.
- Use < and > to highlight  for programming and press .

3. Select Comfort mode temperature

- Use < and > to set Comfort mode temperature between 19 - 30°C. Press .

4. Select Eco mode temperature

- Use < and > to set Eco mode temperature between 7.5 - 18.5°C. Press .

5. Select days

- Start on day 1 (Monday). Press  to include this day in programming. The day will stop flashing. Press  again to exclude the day and it will start flashing.
- Use > to move forwards a day.
- Repeat for all days of the week.
- Press > to move to next part of programming.

6. Select hours

- Start on 0h (midnight). Press  to choose Eco mode, press  again for Comfort mode or press  again for Off mode for this hour.
- Use > to move to next hour and repeat the Eco / Comfort / Off mode selection using .
- Repeat until all hours of the day are programmed.
- Press  to confirm and exit.

NOTE: *If you need different programming on individual days, then repeat steps 2 to 6 for each day you wish to program.*

7. MAINTENANCE & CLEANING

The product does not require regular maintenance. We do, however, recommend that all parts of the product are kept clean (behind, underneath, along the upper fins etc.). Clean the aluminium with a soft, damp cloth and pH-neutral soap. Clean the control panel with a soft, dry cloth.

WARNING: Disconnect the product from the power supply before any cleaning or maintenance.

WARNING: Do not use any abrasive product on the aluminium, such as (but not limited to) chemicals, rough cloths, hard bristled brushes or wire/steel wool.

8. EUROPEAN DIRECTIVE (WEEE) 2012/19/UE

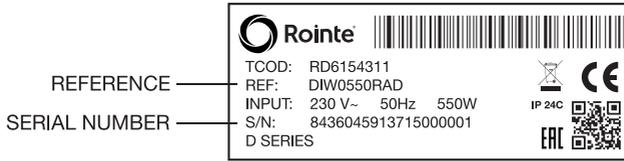
Under the European Directive 2012/19/UE on Waste Electrical and Electronic Equipment (WEEE), this product cannot be treated as household waste. Instead it must be separated to optimize the recovery and recycling of all of the components and materials to reduce the impact on human health and the environment. The symbol of the container crossed out over a horizontal line is marked on all of ROINTE products to remind the consumer of the obligation to separate them on disposal. The consumer should contact their local authority or council office, or original point of sale to learn about the correct method of disposal for this product.

9. GUARANTEE

There are certain terms and conditions on this ROINTE product. These conditions comply with all the rights construed within national legislation, as well as any additional rights and guarantees, which are offered by ROINTE. Please ensure that you register your product guarantee at www.rointe.co.uk.

Any incident you might detect with your product can be sorted by the product seller or by ROINTE. Please contact ROINTE by telephoning **0203 321 5929** or send an email to **support@rointe.co.uk**, through which we will instruct you on how to solve the incident.

You will need to state the product reference and serial number (located on the metal tag with the product) and the type of incident when contacting ROINTE. In addition, please attach a copy of the product invoice and/or proof of purchase that indicates the date on which the product was sold.



9.1 Terms & conditions

1. ROINTE guarantees there are no material defects of design or manufacture at the time of original purchase. ROINTE guarantees the aluminium body for 120 months and electric plus electronic components for 24 months for this product only, provided it has not been modified in any way. **If you register your product online at www.rointe.co.uk with a valid proof of purchase, such as an invoice, the guarantee period increases to 240 months for the aluminium body and 36 months for electric plus electronic components.**

2. If during the guarantee period, the product does not work correctly under normal use, and any design, material or manufacturing defect is found, ROINTE will repair or substitute the product as it sees fit, in accordance with the terms and conditions as follows:

2.1. The guarantee is only applicable if the original guarantee is issued by the seller and when the said guarantee has been registered with ROINTE correctly, including product reference, series number (marked on the product's metal tag), purchase date and proof of purchase. The product guarantee can be registered on our website at www.rointe.co.uk or can be sent via email to support@rointe.co.uk within 90 days of installation. ROINTE reserves the right to reject the guarantee when this information has been removed or modified after the original product purchase.

2.2. The guarantee is only applicable if the product has been installed by a competent person in accordance with this installation manual and all current regulations at the time of installation.

2.3. The guarantee is only applicable to those cases that concern material, design and manufacturing defects, and under no circumstances covers damage to the product for the following reasons:

- i) Damage caused by negligence and / or misuse of the product, i.e. used for other purposes that are not construed as its normal use or for not respecting instructions of use and maintenance given by ROINTE, as well as incorrect installation or use of the product that may not comply with the current technical standards of safety.
- ii) Corrosion of any part of the product caused by direct exposure to salt-water. When the product is installed less than 200m from the coast, the guarantee period for damages caused by corrosion will be reduced by 50%.
- iii) Any unauthorised modification of the product or repairs of the product carried out by third parties or unauthorised persons, or opening of the product by third parties or unauthorised persons.

iv) Any accidents that are deemed outside the control of ROINTE, such as (but not limited to): lightning, fires, floods, natural disasters, public disorder, atmospheric or geologic phenomena etc.

v) Faults that result from incorrect installation. Guidance can be found from Rointe and in this installation manual. If in doubt, please contact ROINTE.

2.4. Any repairs or substitutions completed as part of this guarantee service do not allow extension periods or new periods of guarantee i.e. your guarantee will not be extended should a repair or substitution of this product take place.

2.5. Any repairs or substitutions covered under this guarantee must be parts that are functionally equivalent. The defective parts or parts removed or replaced shall become the property of ROINTE and should be returned as such.

2.6. The product must be installed in a way that allows access for ROINTE technicians or authorised persons if they need to gain access to the product for repair or maintenance. The user/client is responsible for any costs or organisation required to provide access to the products for repair and/or substitution.

3. The ROINTE Technical Support department will advise you if you need to purchase any parts not covered under this guarantee or out of guarantee.

4. This guarantee will be invalid if the product: has been manipulated, modified and / or repaired in any way and/or by unauthorised persons. This guarantee will also be invalid if the product is not correctly installed.

5. This guarantee is not transferable and does not include claims due to damage by lime scale or frost.

6. Proof of purchase will be required by ROINTE for any claim.

7. This guarantee does not affect your statutory rights.

8. This guarantee does not affect the buyer's legal rights stipulated in current national legislation, nor affects those rights against the distributor or installer that could come forth in compliance with the purchase contract.

9. In the absence of applicable national legislation, this guarantee shall prevail and may be construed as the buyer's only protection. ROINTE, its offices, employees, distributors and installers will not be held responsible for any accidental damage that emerges due to infringement of any rules implicitly related to this product.

10. Check the EULA conditions (supplied with the product) for information about the legal agreement you accept when installing a ROINTE D Series product.

For help about the product or guarantee, please contact ROINTE by phoning 0203 321 5929 or send an email to support@rointe.co.uk.

9.2 How to register your product guarantee

IMPORTANT: It's important to register your ROINTE product as part of our guarantee service, in case you wish to make a claim.

You can register your ROINTE product in the following ways:

WEBSITE

1. Go to www.rointe.com/uk/register-your-guarantee/.
2. Login to your existing account or create a new account if you need to.
3. Click on “My products”.
4. Enter your **product reference** (alphanumeric and in upper case).
5. Enter your **serial number** (26 digits located on the metal tag on your product and starts with 843).
6. Upload your **proof of purchase**, such as invoice in PDF, JPEG or PNG format. This is not mandatory but by doing so you ensure your guarantee period is accurate.
7. Click “Register”.
8. **Congratulations! Your product is now registered.**

IMPORTANT: By registering your product on our website you will be eligible for the extended guarantee as described in section 9.1 on page 19.

EMAIL

1. Send an email to support@rointe.co.uk with the following information:
 - **Customer name**
 - **Address and postcode**
 - **Telephone number and email address**
 - **Product reference** (as described in 1.4. above)
 - **Serial number** (as described in 1.5. above)
 - **Product purchase date and proof of purchase** (as described in WEBSITE section above).
2. Our Technical Support team will confirm your product registration and request any additional information needed via email.

POST

1. Post the information listed in the EMAIL section above to:
 - **INDUSTRIAS ROYAL TERMIC, S.L. t/a Rointe UK, C/E Parcela 43, 30140, Santomera (SPAIN)**
2. Please ensure you obtain proof of posting.

10. ERP DIRECTIVE (EU) 2015/1188

ITEM	SYMBOL	UNIT	0330RAD	0650RAD	0770RAD	0990RAD	1210RAD	1430RAD	1600RAD
HEAT OUTPUT									
Nominal heat output	P _{nom}	kW	0.33	0.55	0.77	0.99	1.21	1.43	1.6
Minimal heat output	P _{min}	kW	n/a						
Maximum continuous heat output	P _{max,c}	kW	0.33	0.55	0.77	0.99	1.21	1.43	1.6
AUXILIARY ELECTRICITY CONSUMPTION									
At nominal heat output	e _l MAX	kW	0.33	0.55	0.77	0.99	1.21	1.43	1.6
At minimum heat output	e _l MIN	kW	0.33	0.55	0.77	0.99	1.21	1.43	1.6
In standby mode	e _l SB	kW	0.002	0.002	0.002	0.002	0.002	0.002	0.002
TYPE OF HEAT OUTPUT/ROOM TEMPERATURE CONTROL (SELECT ONE)									
Single-level heat output, no internal temperature control	–	–	–	–	–	–	–	–	–
Two or more manual levels, without internal temperature control	–	–	–	–	–	–	–	–	–
Internal temperature control by mechanical thermostat	–	–	–	–	–	–	–	–	–
With electronic interior temperature control	–	–	–	–	–	–	–	–	–
Electronic indoor temperature control and daily timer	–	–	–	–	–	–	–	–	–
Electronic indoor temperature control and weekly timer	–	–	✓	✓	✓	✓	✓	✓	✓
OTHER CONTROL OPTIONS (MULTIPLE SELECTIONS POSSIBLE)									
Interior temperature control with presence detection	–	–	–	–	–	–	–	–	–
Interior temperature control with detection of open windows	–	–	✓	✓	✓	✓	✓	✓	✓
With remote control / distance option	–	–	✓	✓	✓	✓	✓	✓	✓
With adaptive start-up control	–	–	✓	✓	✓	✓	✓	✓	✓
With operating time limitation	–	–	✓	✓	✓	✓	✓	✓	✓
With black lamp sensor	–	–	–	–	–	–	–	–	–
SEASONAL SPACE HEATING ENERGY EFFICIENCY	η_s	–	39.0%						

11. TECHNICAL SPEC

MODEL	0330RAD	0550RAD	0770RAD	0990RAD	1210RAD	1430RAD	1600RAD
No. Heating Elements	3	5	7	9	11	13	15
DIMENSIONS, WEIGHTS & FINISHES							
Width (mm)	350	510	675	835	992	1,160	1,320
Height (mm)	585	585	585	585	585	585	585
Depth (mm)	97	97	97	97	97	97	97
Installed Depth (mm)	120	120	120	120	120	120	120
Weight (kg)	7.7	12.2	16.4	20.4	24.1	25.9	32.1
Finish	White RAL 9016 / Graphite						
ELECTRICAL CHARACTERISTICS							
Nominal Power (W)	330	550	770	990	1,210	1,430	1,600
Voltage (V)	230 ~V	230 ~V	230 ~V	230 ~V	230 ~V	230 ~V	230 ~V
Current (A)	1.5	2.4	3.4	4.3	5.3	6.2	7.0
Power per Element (W)	110	110	110	110	110	110	110
INSTALLATION & SAFETY							
Safety thermostat	✓	✓	✓	✓	✓	✓	✓
Installation kit	✓	✓	✓	✓	✓	✓	✓
Protection Grade	IP24	IP24	IP24	IP24	IP24	IP24	IP24
EAN CODES	WHITE	8436045913708	8436045913715	8436045913722	8436045913739	8436045913746	8436045913760
	GRAPHITE	8436045913777	8436045913784	8436045913791	8436045913807	8436045913814	8436045913838



If you have any questions or need help, please contact us:

www.rointe.co.uk/technical-support

support@rointe.co.uk

0203 321 5929

Monday to Friday from 8.00 am to 5.00 pm.

Rointe United Kingdom

Hampton Business Park, Club Way,
Peterborough PE7 8JA
T. 0203 321 5928

Rointe Ireland

Blackrock, County Louth
T. 01 553 0523

Rointe España & Portugal

P.I. Vicente Antolinos - C/ E, p. 43, 30140 Murcia
T. 902 158 049

Rointe France

6 Rue Duret, 75116 Paris
T. 01 73 05 70 01



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