Rointe
heating solutions

Brochure & price list for professionals | **2017**

Connected professional heating.

COMMITTED
TO YOU *and your customers.*

COMPLETE
HEATING SYSTEM
1
UNDER
SINGLE
CONTROL

MEETS WITH
ALL
EFFICIENCY
REGULATIONS

INSTALLATION
PLUG &
PLAY

NO
MAINTENANCE*

GUARANTEE
UP TO
20 YEARS*

Rointe, the electric Heating Company **you can trust.**

ROINTE DIGITAL INTEGRAL SYSTEM

The efficient heating that you can control from any smartphone.

5 Rointe
commitments

At Rointe, we are committed to you **and your customers.**

In the chaotic world of heating, it is often difficult to recognize which products or systems are really efficient and suitable to provide comfort and well-being to any type of home or business.

There are many brands that promise the highest efficiency and the lowest consumption but when it comes to showing it, they have little evidence.

Therefore, at Rointe we want to show commitment to all our clients and demonstrate the sincerity of our business.

That´s why we offer:

- **UNIQUE ELECTRICAL HEATING**
  Radiators, towel rails & water heaters all under a single control (remote control or smartphone application).

- **WE COMPLY WITH ALL REGULATIONS**
  Including the most demanding regulations of the market such as LOT20.

- **PLUG & PLAY INSTALLATION**
  Install, plug & play!

- **NO MAINTENANCE***
  No breakdowns or costly repairs.

- **MAXIMUM GUARANTEE***
  Up to 20 years on the aluminium body of the radiators.

NEW!

CHECK THE HEATING CONSUMPTION & COSTS SUMMARY FROM ANY MOBILE

And to demonstrate what we say is true, you will be able to **check and control the consumption and the real time expense of your heating** with the CONSUMPTION SUMMARY. **You will even be able to set spending limits,** all from your mobile phone.

* Check the maintenance & guarantee conditions on page 115.

SUMMARY

NEW WEBSITE!

Have you seen the **professional area** of our online portal?

Go to

https://rointe.co.uk/technical-area/

and discover the new section created especially
for heating professionals like you.

Rointe
with you.

The European leader in low consumption electric heating and hot water systems (D.H.W) for more than 30 years, Rointe is the result of **philosophy committed to innovation and quality.**

At Rointe, we work to offer our customers a quality product that is technologically advanced and efficient. We are an established brand that improves day by day, guided by the effort to offer the **most innovative, effective, sustainable and intelligent** solutions in the heating market.

WE
MANUFACTURE

Leading manufacturers in heating innovation & development.

At Rointe our products are made with the best quality materials, the latest technology and exceed the highest quality standards.

Tested and certified low consumption

Rointe certifies, through tests carried out in prestigious international independent laboratories, the low consumption that is advertised in its products.

Through different tests, our R+D department has demonstrated that the technologies developed and patented by Rointe, allow the reduction of energy consumption without affecting comfort.

Efficiency, ecology and quality

Our goal is to create a thermal happiness that is both safe and with the highest quality, always guaranteeing the most efficient energy management.

For this reason, we develop low consumption electric heating products that are clean, ecological and respectful to our environment. In addition, our products have exceeded the highest quality standards and have the utmost quality seals from the most demanding certifications in the market.

The best customer service

We put at the service of our customers the best team of professionals to always offer the perfect heating solution, adapted to the needs of each client, whatever their technical requirements.

Contact us with the details of your installation and our technical department will make a detailed study, at no cost, with the integral heating system that is perfect for the home or business of your client.

Rointe is **innovative** and **efficient** digital heating.

Leaders in innovation and technology

We are committed to innovation as a fundamental pillar of our business growth. For this reason, we have a department exclusively dedicated to R+D, which develops technologies and patents with the aim of improving the efficiency of our products.

This constant research and improvement makes our company a leader in the sector and a pioneer in the launching of innovations and improvements applied to the world of heating.

International prestige

Rointe is the European leader in the electric heating market. In addition to the United Kingdom, our products are available in countries such as France, Spain, Portugal, Ireland and Greece. The international success of our products allows us to carry out a policy of constant expansion that allows us to be present in other countries like Holland, Finland and Poland.
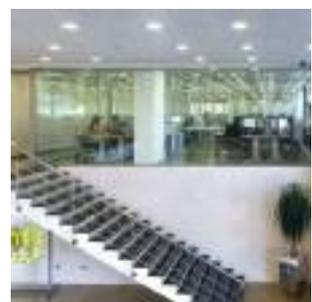
Welcome to connected professional
heating.

Discover the optimized, adaptive and intelligent comfort that **your pocket** will love.

Rointe is not just another manufacturer of Wi-Fi heating devices. At Rointe, we have created the **INTEGRAL SYSTEM OF CONNECTED HEATING**, a heating system with integral home automation managed by the exclusive remote control platform of E-Life technology.

SYSTEM OPERATION

Discover how the D Series system works at home:

D Series radiator
- Wi-Fi & App control
- Low consumption
- Natural heat convection
- Energy saving functions
- Visualization of consumption & costs
- Up to 20 years guarantee

Underfloor heating & smart touch
- Wi-Fi & App control
- Radiant heat & natural convection
- Advanced programming
- Visualization of consumption & costs
- Up to 10 years guarantee

EASY INSTALLATION WITHOUT GATEWAYS

e·life cloud

PRODUCT → ROUTER → APPLICATION

The product connects directly to the router without intermediate gateways, offering a higher speed of data transmission between the products and the cloud, eliminating any limitations on the quantity of connected products. Nor do you need any additional configuration on the user's router.

SYSTEM CONTROL

MULTIPLATFORM APPLICATION ROINTE CONNECT

The free Rointe Connect App allows complete control of all products in the installation – radiators, towel rails, water heaters and underfloor heating – in a collective or individual manner. The App also allows the possibility to distribute the products by zones (i.e. floors in a house) and subzones (i.e. rooms) without a limit on the number of rooms or linked products.

Rointe Connect

Download on the App Store

ANDROID APP ON Google play

Available in Web App

SIMPLE PAIRING IN 4 EASY STEPS

Our exclusive pairing system allows you to connect products with the app in just four steps. What if there's a power cut? No problem, the products will reconnect by themselves without having to enter any data again. **See more on page 67.**

BENEFITS FOR THE END USER

COST CONTROL
from the first minute

- Display of **actual consumption in kWh** and **cost in £**.
- **Energy saving functions** such as **OPEN WINDOWS** and **USER mode**. See more on page 17.
- **Smart tips** that help reduce energy bills.

INTERACTIVE APP
easy to use

- **Free application:** native for iOS and Android, with a web app for other devices.
- **Real-time push notifications:** alerts on the smartphone screen.
- **Adaptable:** responsive interface compatible with smartphones, tablets and computers.

LIVE CONTROL
from your smartphone, tablet or PC

- **Control your entire installation easily** when and where you want.
- **Distribution of products by areas and sub areas** (i.e. house - floor - room - product).
- **Personalized programming** 24 hours, 7 days a week.
- **Four working modes:** COMFORT, ECO, ANTI-FROST and USER.
- **Remote locking of** all products.
- **Contingency management:** allows you to anticipate changes to your usual routine.
- **Optimization of the heating according to the user´s priorities:** comfort and/or saving.

D Series towel rails
- Wi-Fi & App control
- Comfortable temperature
- Energy Saving Functions
- Visualization of consumption & costs
- Up to 10 years guarantee

D Series water heater
- Wi-Fi & App control
- Low consumption
- Energy saving and anti-legionella functions
- Temperature evolution function
- Visualization of consumption & costs
- 5 year guarantee on the boiler

SYSTEM CHARACTERISTICS

LONG DISTANCE WIRELESS CONNECTIVITY

Our Wi-Fi module allows the connection of products at a distance of up to 100 meters without obstacles*. The products that form the D Series range have a long signal range, are easy to install and have multimedia configuration tutorials on YouTube (Rointe Connect Channel).

INSTALLATION AND DATA SECURITY

E-Life allows the creation of zones, sub zones and installation of the products in a simple and unlimited way, offering great versatility to the user when configuring their installation. In addition, all data is transmitted in encrypted form and the information is stored on highly secured, available and accessible servers.

* Data obtained from the Wi-Fi module manufacturer.

The connected heating ideal
for projects.

- Hotels
- Schools
- Offices
- Universities
- Retail stores

Given our long experience in thermal comfort, we offer efficient, easy-to-use, reliable and economical heating systems not only to home users but also to collective users who demand large-scale comfort solutions such as hotels, offices and schools.

Rointe offers a global heating solution that meets all the heating needs of any business, under a single control.

Here you can see the operation of the Rointe D Series in a hotel with centralized controls from reception:

Towel rails in bathrooms
The D Series towel rails give a touch of comfort to any bathroom, ensuring your towels are always ready.

Underfloor heating in bathrooms & spas
The underfloor heating with Wi-Fi provides the extra touch that guests expect in bathrooms & wet areas.

Radiators in rooms & common areas
The D Series radiators are perfect to provide all rooms, corridors and common areas with the comfort that they need, with guaranteed Wi-Fi control.
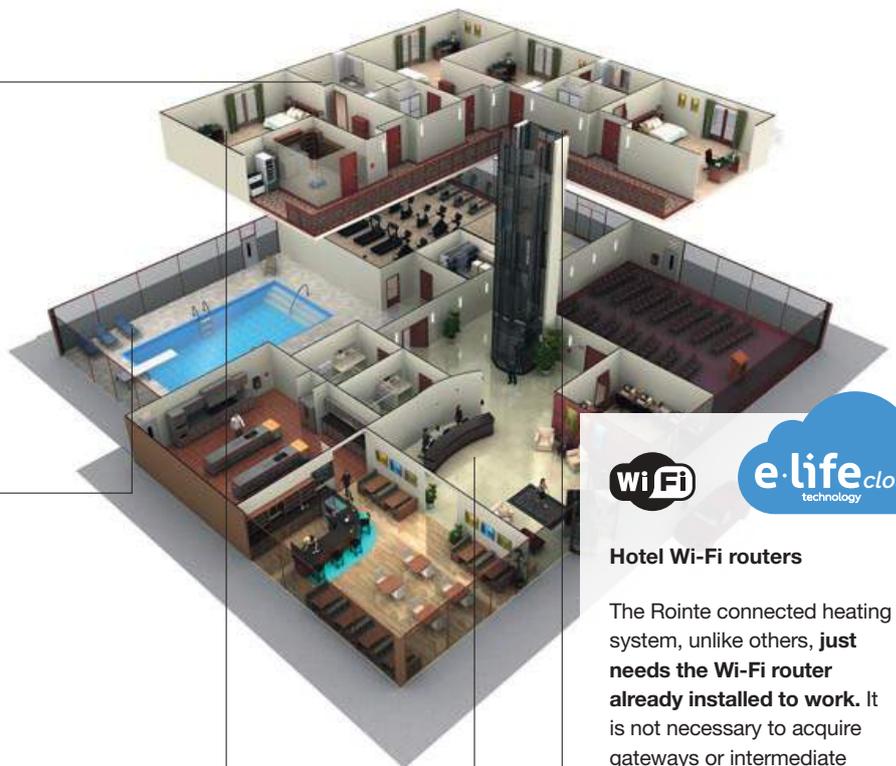
Rointe Connect

Hotel Wi-Fi routers

The Rointe connected heating system, unlike others, **just needs the Wi-Fi router already installed to work.** It is not necessary to acquire gateways or intermediate terminals, which makes the installation easier and economical.

Direct Wi-Fi, secure with no disconnections.

The high power Wi-Fi system installed in our products reaches 100m without obstacles* and our servers have a reliability of 99.99%.

The system even allows remote locking at any time from the control centre to prevent guests from modifying installed products.

BUSINESS MANAGEMENT

From reception, you can easily manage the system. You can even control the overall expenditure on a daily basis and know the actual cost of your heating. This feature allows you to optimize and reduce costs.

* Data obtained from the Wi-Fi module manufacturer.

BENEFITS FOR THE BUSINESS

REDUCTION OF HEATING
costs

- **Display of actual consumption and costs.**
- **Power saving options** with OPEN WINDOWS function.
- **USER mode.** See more on page 17.

APP MULTIPLATFORM
mobile control

- **Free application:** native for iOS and Android with a web app for other devices.
- **Real-time push notifications:** alerts on your smartphone screen.
- **Adaptable:** responsive interface compatible with smartphones, tablets and computers.

LIVE MONITORING
from any smartphone, tablet or PC

- **Control** all products **from reception.**
- **Distribution of products by zones and sub areas** (i.e. floor-room-product).
- **Personalized programming** 24 hours, 7 days a week.

D Series towel rails

The perfect complement for your bathroom:

- **The wall anchors are close to the side of the body,** which makes it easier to hang towels and clothing.

- The **built in Wi-Fi module** allows **control from reception.**

- **The boost function on the towel rail allows for extra comfort in the bathroom.** This function activates the heating elements at maximum power for 15, 30, 60 or 120 minutes for that added touch.
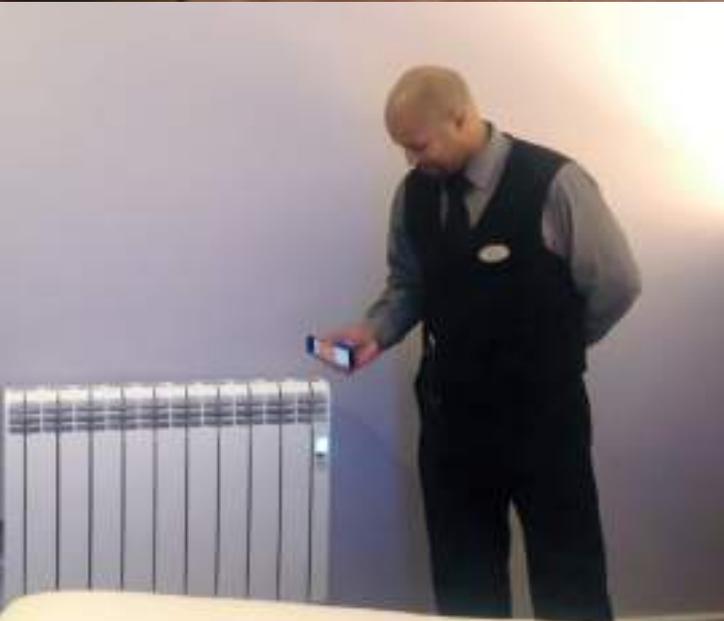
CASE STUDY
Treacy's Hotel Wexford · Ireland

"The possibility to **control all radiators** in the hotel **from reception is vital**, since we can control the way that they are used at all times."

Rointe D Series has been successfully installed at Treacy's Hotel in Wexford, Ireland. A total of 30 radiators were installed throughout their rooms. In the words of the director and owner of the hotel, Anton Treacy, "It is an efficient, aesthetic and easy to use system. It also offers a very pleasant atmosphere and comfortable heat to our guests."

The heating system connected
to your smartphone.

The Rointe Connect app is the control application for radiators, towel rails and smart water heaters that make up the D Series connected range. **Choose the Rointe connected heating system and have complete control of an entire installation in the palm of your hand.** From this moment on, your smartphone will work as a switchboard remotely connected via Wi-Fi to all the products in your facility for easy control and monitoring consumption.

Architecture of a Rointe D Series installation:

INTEGRATED MANAGEMENT THROUGH INSTALLATIONS

With the **Rointe Connect app** you can create as many unlimited installations as you need. **You can then control** the heating or **multiple installations at once**, for example in schools, student residences or even large offices and hotels.

An installation can be a home, shop, business…

DISTRIBUTION IN ZONES AND ROOMS

In the same way as with the creation of installations, **zones, subzones and rooms can be created without any limits**, so you can create the structure of the installation to fit your needs.

A zone can be a floor, a room…

Control with a simple touch…

MANAGEMENT AND CONTROL OF REMOTE DEVICES

Thanks to our **E-Life technology**, you can **control all D Series** radiators, towel rails and water heaters from **wherever and whenever you like**, as well as the underfloor heating thermostat, Rointe Smart Touch, all through a single application: **Rointe Connect app.**

FUNCTIONALITY

ICONS AND IDENTIFYING COLOURS

The interface of the Rointe Connect app informs you about the usage of the system and the functions that are enabled through different icons and colours.

PROGRAMMING PER INSTALLATION AND PRODUCT

The Rointe Connect app allows you to personalize the programming of the products, zones or subzones 24 hours a day, 7 days a week, using the ECO COMFORT or SLEEP modes or by selecting no programming. It also offers the option of repeating schedules on different days.

TOTAL CONTROL WITH JUST ONE CLICK

The Rointe Connect app allows you to switch between manual and automatic mode, and ECO and COMFORT mode in the simplest way. It even allows you to turn your entire installation on or off with just one click!

CLIMATE AND EXTERNAL TEMPERATURE

The Rointe Connect app quickly displays both the outside temperature and weather where your installation is located, as well as the weather conditions at the current location, allowing you to react to different weather scenarios.

Download free from the **App Store (iOS)** and **Google Play (Android)**.

Available for PC, laptop, tablet and smartphone at **www.rointeconnect.com**

Download on the App Store

ANDROID APP ON Google play

Available in Web App

E·FFICIENCY

Check the actual consumption and expenditure of the heating in your home or business, **in real time**.

Through E-fficiency you can see in real time from your smartphone, tablet or PC the actual consumption, temperature, expenditure and savings of your connected Rointe D Series heating installation.

At any time and place you can check how much you have spent per day, month or year and how much kW your heating system has consumed.

This data is backed by tests carried out at the Energy and Environment Technology Centre (CETENMA), who certify a 99.7% of accuracy in the data obtained by the True Real Power, the current meter, consumption and data installed in all D Series products and responsible for sending this information to the application.*

* If you wish to know more details, you can request the complete report at www.rointe.co.uk.

Summary screen at your fingertips...

CHARACTERISTICS

ADVANCED FILTER BY DAY, MONTH AND YEAR

This allows comparison of the information by DAY, MONTH and YEAR, including current as well as previous time frames.

DATA BY ZONES, ROOMS AND PRODUCTS

This shows consumption, cost, temperature and savings by zones, rooms and even products, allowing a more comprehensive overview of the installation.

SPENDING LIMIT

This allows a limit of expenditure in the consumption of electricity of the heating products, sending alerts in the case of exceeding it.

MULTI-RATE MANAGEMENT

To properly adjust to the electricity tariff, Rointe Connect allows you to configure different kWh prices for each hour of the day, being able to adjust to any type of tariff contracted.
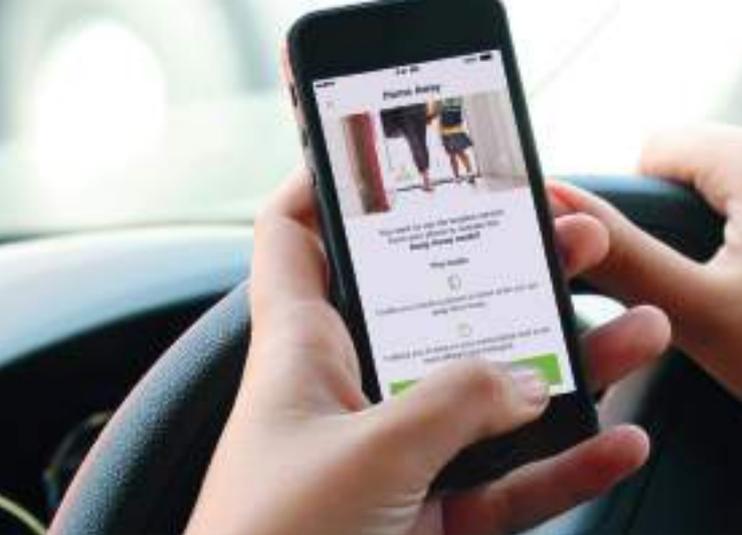
AWAY FROM HOME MODE *

The new **outdoor mode** uses the location of your smartphone to **modify the programming and behaviour** of your Rointe products **depending on the distance** you are from home.

It´s as easy as selecting whichever phones or tablets you want to use to inform your products when you´re at home or away.

How does it work?

The AWAY FROM HOME mode allows you to configure different actions for each smartphone associated with the account that controls the installation. You can configure different actions to suit your lifestyle that will change the products based on the distance of your phone away from home and the weather conditions at that time.

The following table shows an example:

User	Distance	Scene	Condition
Phone 1	10 miles	Work	GOING to work
			RETURN from work

In the example above, a scene called "Work" has been established with two conditions that involve the following two actions:

Condition 1	GOING to work
Action 1	When the connected smartphone is more than 10 miles away from home, the radiators in the living room will change to ECO mode at 18ºC.

Condition 2	RETURN from work
Action 2	When the connected smartphone is less than 10 miles away from home, the radiators in the living room will change to COMFORT mode at 21ºC.

SMART LEARNING *

The **new Rointe self-learning system**, allows the products to learn patterns of use and respond to them by adapting its programming and operation to your lifestyle.

In addition, this functionality allows the Rointe Connect app, with programming data, set temperatures, climatic variations and the use of other functionalities, to help save on consumption by sending notifications, warnings and recommendations direct to your smartphone.

Rointe Connect

NEW FEATURES

New AWAY FROM HOME mode, smart learning, push notifications, advanced weather prediction, voice control and COST & CONSUMPTION SUMMARY screen.

ADVANCED WEATHER FORECAST *

Advanced weather manager so you can know the weather forecast for several days.

ON-SCREEN AND REAL TIME NOTIFICATIONS *

Notifications and alerts on screen to keep you informed about changes and status of your installation.

NEW COST SUMMARY

The cost and consumption of your heating **at a glance.**

It has never been so easy and quick to see the results of running your D Series products.

Thanks to the new "Cost Summary" option, you can control the expense, savings and efficiency of your Rointe D Series heating products.

The "Cost Summary" screen also allows you to view this data by product type, for example radiators, towel rails, water heaters or even our new underfloor heating.

VOICE CONTROL *

Rointe converts the D Series connected range into the first low power electric heating system capable of being controlled by Amazon´s Alexa voice control.

Control with your voice, in the comfort of your home with Amazon Echo and Alexa.

Voice commands

The compatibility between Rointe Connect and Amazon Alexa allows you to control your heating through voice commands, thus controlling all of your installation, zones and products.

With the Alexa voice assistant, there is no need to approach the radiator, towel rail or water heater and the Rointe Connect app is not needed to make any changes to them. Just mention one of the established orders and Alexa will perform the action on the indicated D Series product.

Example	Voice Command
The children's room is very hot.	"Alexa, lower the temperature of the children´s room by 3 degrees."
The living room is cold and you have guests at home.	"Alexa, set COMFORT mode in the living room."

Amazon Echo and Alexa are owned by Amazon EU Sarl. Check availability and conditions for your country at www.amazon.com
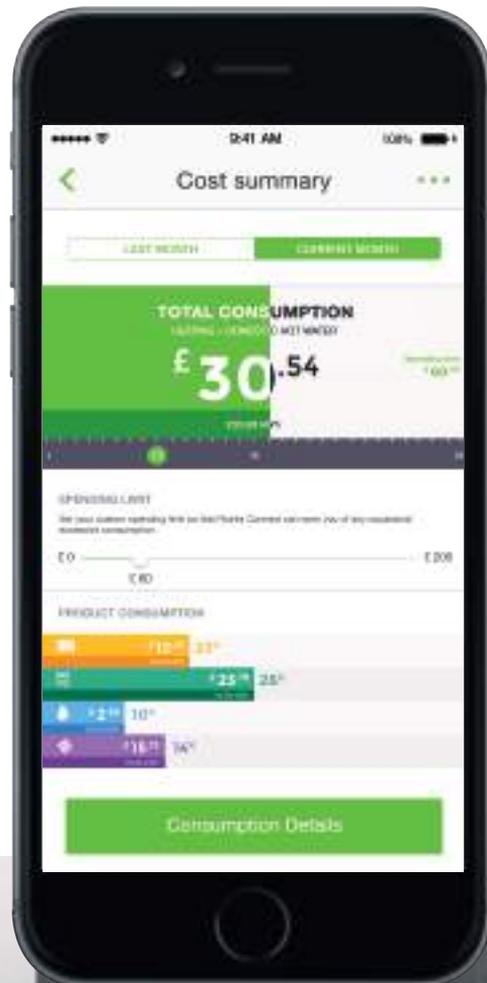
* Subject to availability and release date.

Fuzzy Logic Energy Control
## takes energy optimization to the next level.

Fuzzy Logic Energy Control is the new low-power technology developed exclusively by Rointe´s R+D+I department.

This technology improves the energy management required to maintain a stable temperature, analyzing its variations with an accuracy of ±0.25 ºC and sending micro electrons to the heating element that, together with the thermal fluid and the high purity aluminium, transfer the heat to the atmosphere in the most efficient way.

The two main benefits of using Fuzzy Logic Energy Control are:

ENERGY OPTIMIZATION

Fuzzy Logic Energy Control predicts the amount of energy needed at each moment to reach the set temperature. This technology proportionally reduces the energy demand needed to reach the desired temperature, smoothing this initial curve by lowering the peak temperature.

Temperature — 27ºC, 24ºC, 21ºC, 18ºC, 15ºC

Initial temperature peak with Optimizer Energy Plus

Temperature variation of only ±0.25 ºC

6% energy saving

21ºC

Power — 1.000W

0h — 12h — 24h — Time

Power
Temperature with Optimizer Energy Plus
Temperature with Fuzzy Logic Energy Control
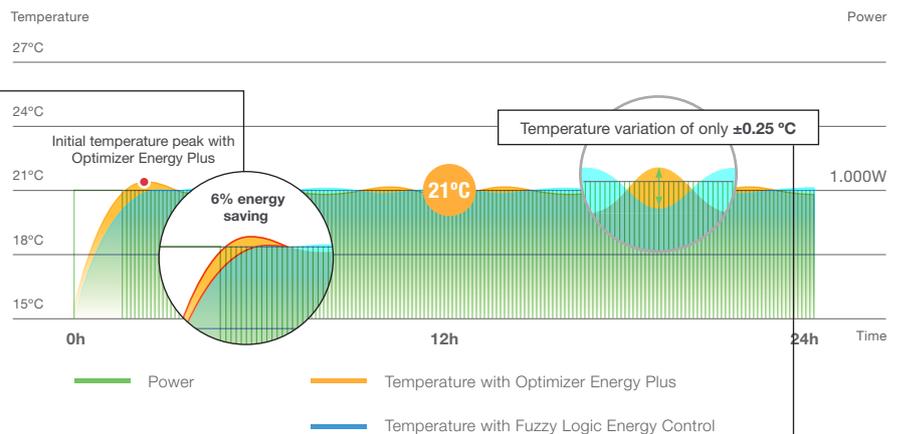
THIS ALLOWS AN EQUIVALENT COEFFICIENT OF CONSUMPTION OF
38%

TEMPERATURE STABILIZATION

Once the room has reached the temperature set in the radiator (in this case, 21ºC), the Fuzzy Logic Energy Control technology generates micro cuts in the energy consumption of the heating element to maintain the temperature stable with a thermal variation in the stationary period of only ±0.25 ºC.

EQUIVALENT RATIO OF CONSUMPTION

21ºC
62%
EQUIVALENT RATIO OF NET CONSUMPTION
38%
100% NOMINAL POWER

WHAT IS IT?

The equivalent coefficient of consumption is a parameter defined by Rointe that is used to **calculate the effective power (or average power of use) of our radiators & water heaters based on their nominal power.**

HOW IS IT OBTAINED?

In a test carried out in an independent laboratory (BSRIA), a 1,430 W radiator was tested with Optimizer Energy Plus - the first energy optimization technology patented by Rointe.

These tests concluded that to maintain the room at 21 ºC with a variation of only ±0.25 ºC during a period of 24h, a Rointe radiator needed on average only 572 W, or 40% of its nominal power. **This percentage is what we define as the coefficient of consumption.**

IMPROVING EFFICIENCY WITH FUZZY LOGIC ENERGY CONTROL

To further optimize product consumption, our R+D+I department improved the Optimizer Energy Plus algorithm, giving way to the new Fuzzy Logic Energy Control.

This improvement was tested by a comparative test carried out in the climatic chamber by the Technological Centre of Energy and the Environment between two radiators under the same conditions, one with Optimizer Energy Plus and another with Fuzzy Logic Energy Control. This latest technology showed that it was able to save 6% of energy and **reduce the equivalent coefficient of consumption to 38%.**

NOMINAL POWER ⊗ EQUIVALENT CONSUMPTION RATIO ⊜ EFFECTIVE POWER

ENERGY SAVING
FUNCTIONS

Rointe helps you save money.

At Rointe we incorporate in our products special energy saving functions so that our radiators, water heaters and towel rails can optimize energy and save you money.

USER MODE

This new function allows you to set a limited range with a minimum and maximum temperature customized for ECO and COMFORT modes.

For example, setting 21°C for the COMFORT mode and 18°C for the ECO mode, the user can only move between the temperatures included within this range.

This is a very useful function in hotels or student residences, since **it restricts the selectable temperatures, avoiding energy waste and guaranteeing the correct use of heating.**

COMFORT MODE — 30 °C

USER MODE — 21 °C

Temperature selection range between 18 ° C and 21 ° C — 18 °C

ECO MODE — 15 °C
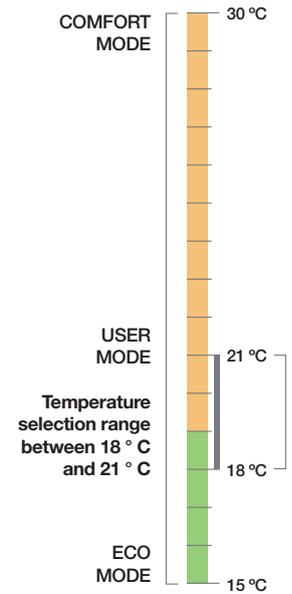
OPEN WINDOWS FUNCTION

Through an advanced algorithm, Rointe radiators anticipate the scenarios which decreases the temperature of a room, for example an open window. When this happens, the heater automatically sets a temperature of 7°C for efficient use and prevents excessive consumption.

ANTI-FROST MODE

This allows you to activate the anti-frost mode at any given time without programming to avoid freezing of the product in extremely cold climates.

BALANCE MODE

This mode, in the KYROS and D Series radiators, sets a temperature of 19°C by activating manual mode on the product and deactivating any automatic programming entered.

CUSTOMIZATION OF ECO & COMFORT MODES

This function allows you to set the desired temperature for any of the working modes quickly and easily.

KEYPAD LOCK

From the Rointe Connect app, the AIR Control infrared remote control and even from the control panel of the products themselves, you can lock any radiator, towel rail or water heater preventing changes from being made. This is very useful for installation with children and even in hotels, nursing homes or any facility where you want to avoid additional handling of the products.

PILOT WIRE *

The KYROS and D Series are compatible with the use of a pilot wire controlled thermostat. Once connected, this control panel will operate the COMFORT, ECO and USER modes.

Conscientious with our world today
and tomorrow.

Clean and respectful heating.

We can proudly affirm that at Rointe we develop digital electric heating and products with low consumption that are clean, ecological, safe, reliable and mindful of the environment that surrounds us.

Our products comply with the most demanding manufacturing standards (RoHS) and all existing European safety and quality standards.

Our own Quality Control department and those of external companies, certify the maximum safety, reliability and efficiency of our products.

Having thousands of customers from around the world means also having the responsibility of **creating solutions that take into account the environment, savings and security of people.**

Our heating systems use electricity as the only source to generate heat. This safe and efficient energy **is considered the energy of the future that will displace the use of fossil fuels.**

Our systems are environmentally friendly because:

They do not require boilers or combustion tanks, supply pipes or polluted smoke evacuation chimneys.

They do not need to carry out combustion to generate heat and well-being. In addition, they do not emit any type of noise.

They do not require solid, liquid or gaseous polluting fuels, so it is not necessary to store them for use.

They do not emit polluting gases like CO_2 or carbon monoxide or other gases resulting from the burning of fossil fuels during use.

We do not use heavy metals or pollutants such as cadmium or lead, and our heating fluids are biodegradable.

How do the requirements of an ECOLOGICAL DESIGN affect the heating sector?

Energy-related products account for a large proportion of the planets consumption of natural resource and energy, resulting in a high environmental impact.

To reduce the environmental footprint that this sector produces, the directive 2009/125/EC establishes the eco-design requirements for products related to the use of energy.

This directive is developed in particular for heating products, by the regulation 2015/1188, which establishes a classification **system for heating products under the parameters established in these regulations.**

Which products does this regulation apply to?

This standard applies to all household heating products with a heat capacity of less than or equal to 50kW that are commercialised as of January 1st 2018.

This regulation implies that it applies to all heating products using liquid or gaseous fuels, such as **boilers, accumulators, panel heaters, ceramic heaters, infrared heating, latest generation fluid radiators etc.**

Why is it necessary to regulate this type of product?

This regulation aims to organize a market in which information is often blurred, confusing and hidden by government legality. The ecological design of heating products improves the energy efficiency under standard criteria and regulated by regulation common to all European countries.

What advantages does using a Rointe radiator with the best rating in ECO-DESIGN have?

The 2015/1188 regulation requires that the products reach a minimum value called the Seasonal Energy Efficiency Coefficient. This coefficient is obtained starting from an initial value defined in the regulation, to which values are added or subtracted given by factors that increase or decrease the result, depending on the benefits offered. All electric radiators have the same value: 30%. What differentiates the most efficient products from the least efficient is the highest or lowest score obtained in the sum.

The minimum value to be achieved by an electric radiator heating system is 38%. The Rointe radiators obtain a seasonal energy efficiency coefficient of 40%, higher than the minimum required by the LOT20 standard.

Therefore, the latest generation of thermal fluid Rointe radiators are the most efficient solution for heating homes, far exceeding the minimum established in the legislation and providing quality products without any surprises in the consumption at the end of the month.

Rointe
Integral Heating System

ELECTRICAL HEATING SOLUTIONS

Radiators
Towel rails
Water heaters

LOW CONSUMPTION

Rointe Integral Digital
System

INTEGRATED ELECTRICAL
HEATING SOLUTIONS

The right
choice.

Rointe helps you choose the correct integrated heating system for your client.

Not all clients are the same and not all look for the same thing when it comes to installing or changing their heating system. Rointe offers a wide range of products with different characteristics, functionalities and controls.

Do you need help to **measure an installation?**

Go to

https://rointe.co.uk/calculate-your-needs/

and discover the new Rointe online calculator.

Rointe helps you **choose the correct integrated heating system** for your client.

Many times when our installers visit a client they are asked the same question: "Can you tell me how many radiators I need for my house and which model is the best?"

Rointe has created an online calculator to resolve situations like this and help guide the client to calculate their requirements. This allows you to carry out a quick estimated technical study in seconds, which helps to show the client their approximate kWh needs and the number of radiators they require.

Remember, these calculations are an estimate and y**ou shouldn't carry out an installation without a Rointe Official Technical Study** which is done by professionals in our Project Department.
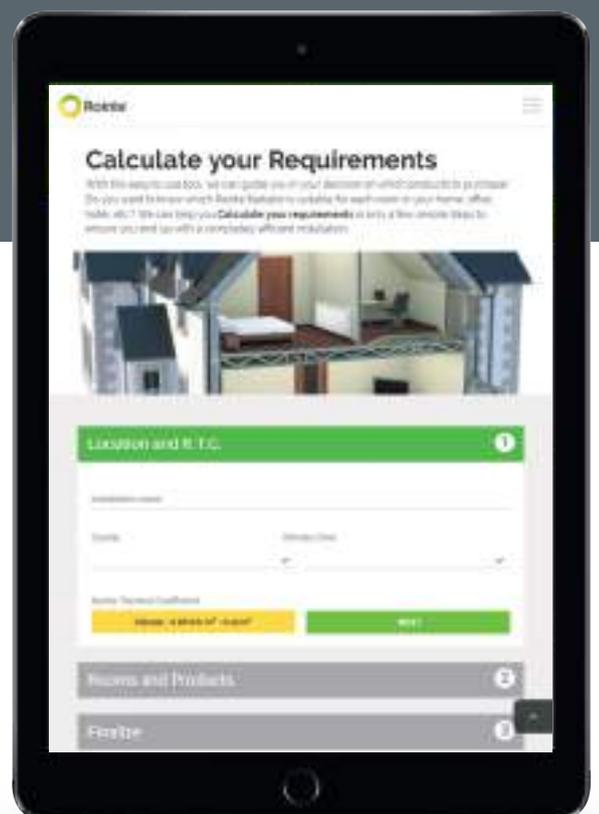
	D Series · Premium range ★★★★★			KYROS · Top range ★★★★☆		
	RADIATORS	**TOWEL RAILS**	**WATER HEATERS**	**RADIATORS**	**TOWEL RAILS**	**WATER HEATERS**
Design						
Colours & finishes available	○ White RAL 9016 ● Graphite ○ RAL Colours	○ White RAL 9016 ◑ Chrome ● Graphite ○ RAL Colours	○ White RAL 9016	○ White RAL 9010	○ White RAL 9016 ◑ Chrome	○ White RAL 9016
Format	Regular	Curved with flat bars	Square (50-100L) & cylindrical (150 & 200 L)	Regular & conservatory	Straight with flat bars	Square (50-100L) & cylindrical (150 & 200 L)
Distribution	Odd (3 to 15 elements)	4 models (300,450, 600 & 750 W)	5 models (50, 75, 100, 150 & 200 L)	Regular - Odd (3 to 15 elements) Conservatory - Odd (11 to 15 elements)	4 models (300, 500, 750 & 1,000 W)	5 models (50, 75, 100, 150 & 200 L)
Comfort						
Heat dissipation	✓ Natural convection	✓ Radiation	-	✓ Natural convection	✓ Radiation	-
Body material	Aluminium	Steel	Enamelled metal	Aluminium	Steel	Enamelled metal
Control panel material	Aluminium	Fireproof PC/ABS plastic	Fireproof PC/ABS plastic	Fireproof PC/ABS plastic	Fireproof PC/ABS plastic	Fireproof PC/ABS plastic
Technology						
Low consumption technology	●	-	●	●	-	●
Control panel	Touch keypad	Touch keypad	Touch keypad	Mechanical keypad	Mechanical keypad	Touch keypad
True Real Power - smart data consumption meter	✓	✓	✓	-	-	-
Control and connectivity						
Menu control	✓	✓	✓	✓	✓	✓
Infrared remote control	✓	✓	✓	✓	✓	✓
E·Life technology - automated platform	e·life technology	e·life technology	e·life technology	-	-	-
Wi-Fi remote control	WiFi	WiFi	WiFi	-	-	-
E·fficiency: costs & consumption control	✓	✓	✓	-	-	-
Rointe Connect app/ remote control	• Rointe Connect app • Air Control White remote • Air Control Soft Touch Black remote			• Air Control White remote • Air Control Soft Touch Black remote • Basic Control remote		
Efficiency						
User Mode & 24/7 programming	✓	✓	✓	✓	✓	✓
USER Mode	✓	✓	✓	✓	✓	✓
Open windows function	✓	✓	✓	✓	✓	✓
Trade price (T.P.) from	**£ 352**	**£ 423**	**£ 693**	**£ 276**	**£ 277**	**£ 630**

Radiators

ROINTE

Comfort solutions in **heating**

LOW CONSUMPTION RADIATORS

DESIGN

Low consumption radiators with front vent.

D Series	D Series - Graphite	KYROS
3 to 15 elements	**3 to 15 elements**	**3 to 15 elements**

STYLE

Two heights to adapt to all types of installations.

Regular
580 mm

Conservatory
420 mm
Available only in the
KYROS range

FINISHES
Unique colours and textures for all tastes.

White **RAL 9010**	White **RAL 9016**	Graphite **Forge effect**	Colour it! **RAL Colour range**
KYROS radiators		D Series radiators	

Rointe radiators,
the perfect solution.

Rointe radiators are designed to offer maximum comfort to those clients who install them in their home or business. The careful choice of its components allows us to generate the perfect balance between efficiency and well-being. This balance is achieved by combining the highest quality materials with the most advanced technology on the market. Making Rointe radiators the ideal product to heat any space.

COMFORT

ALUMINIUM

With a thermal conductivity of 209W/(m*k) it is the metal with the **best price/conductivity ratio** on the market. This feature and the design developed with interior fins favour the circulation of air through the radiator cavities.

THERMAL FLUID

The fluid used in the radiators is an exclusive high heat transfer mineral oil. Its high thermal stability combined with the usual working temperatures of the product means **no risk of corrosion while maintaining the thermal conductivity.**

HEATING ELEMENT WITH 110W PER ELEMENT

The heat generating element is an electrical steel resistor that transforms the electrical energy into heat efficiently and evenly. This permits the extension of its working life, since the **balance between power and element makes sure that the inner thread does not suffer thermal stress.**

AMBIENT TEMPERATURE STABILITY

Due to the use of heat transfer by natural air convection, the air is introduced into the product at the bottom part of the radiator and raises its temperature by passing through the interior of the element, which allows **the temperature of the room to be constant with a small derivation of ± 0.25 ºC.**

The natural convection reaches up to 5 meters away and 2.7 meters in height.

DESIGN

SCREEN WITH COLOUR CHANGE

The Rointe D Series radiators incorporate a TFT screen of 160x128 pixels, which allows personalization and colour change on the screen.

Our D Series radiators are the only ones in the market that include this option, allowing you to combine colours of the screen with the décor in each home. For larger projects, there is even the possibility of personalizing the welcome screen with the customer's logo.

EFFICIENCY

ECODESIGN 20/20/20

Rointe radiators meet the efficiency requirements of LOT20.
See more on page 19.

PREPROGRAMMING

These products have four different pre-installed programs adapted to all types of users.

SMART LEARNING

An algorithm is installed in the electronics that stores parameters which the radiator registers during its use to learn the habits of the client. **See more on page 14.**

21.0°C
09:41
1 2 3 4 5 6 7
0   12   24
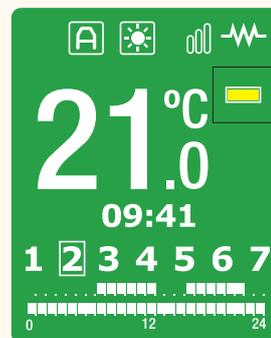
EFFICIENCY INDICATOR

Rointe radiators incorporate an option to verify the efficient use of the product. Depending on the consumption, the product will change the colour of its screen: green if the product is optimal, yellow if it exceeds normal consumption limits and red if the product is working well above the estimated consumption for this product.

In addition, an indicator has been included in the upper right corner of the main screen that indicates the consumption of the product according to the set temperature.

According to the Energy Saving Trust, reducing one degree of heating can produce annual savings of up to £90.

With this indicator, Rointe alerts the client and helps to make more efficient use of the heating, which can increase energy savings.

ENERGY SAVING FEATURES

THE ENERGY SMART HEATING

Independent laboratories have demonstrated that Rointe radiators, under normal conditions, only consume 38% of their nominal power. This indicates that if we size our radiators properly with respect to the m^2 and the climatic zone of our house or business, the expected consumption will be reflected accordingly.

Learn more about correct sizing on page 68.

REAL CONSUMPTION METER

Our radiators incorporate a real consumption meter that allows you to know, from the product itself or from the control application, the energy consumption of the products and translate it into pounds.

USER MODE

This mode sets an operating temperature that is password locked. Thus, in public buildings such as hotels the owner ensures that users cannot change the set temperature.

OPEN WINDOWS FUNCTION

This function permits the radiator to disconnect if it detects a 4°C decrease in the temperature over a 30 minute time period. Thus avoiding the waste of energy in case a window is left open.

SECURITY

Rointe Radiator   Storage heater   Other radiators

20 YEARS GUARANTEE CERTIFIED

The radiators have a 20 year guarantee on the aluminium body and a 3 year guarantee on the electronics, and they comply with all regulations for heating products nationally and internationally.

SURGE PROTECTION

The electronics have surge protection systems to protect agaist unexpected voltage spikes.

SURFACE TEMPERATURE 43ºC

Due to the balance between heating element, fluid and aluminium, the surface temperature of our product, once it reaches the steady working rate, does not exceed 43ºC, which is distributed evenly throughout the radiator surface.

In other products, temperature gradients occur between different parts of the product causing a variability in the surface temperature with the consequent risk of burns.

D Series

LOW CONSUMPTION
DIGITAL CONNECTED
RADIATOR

AVAILABLE FINISHES

○ White RAL 9016

● Graphite

◉ RAL Colours

CHARACTERISTICS

LOW CONSUMPTION

The **Fuzzy Logic Energy Control** technology allows a highly efficient use of the energy and stabilizes the temperature within a variation of only ± 0.25 °C.

INTEGRATED CONNECTIVITY

Integrated Wi-Fi and home automation technology via the E·Life technology platform.

CONTROL OF CONSUMPTION AND COSTS

"True Real Power" consumption meter which allows you to obtain **statistics of the real energy consumption and costs.**

Rointe D Series system

1 **100% aluminium body and closures** designed exclusively for Rointe under the strictest parameters.

2 **Special heat transfer fluid** which is exclusive to Rointe with a high calorific inertia and excellent heat transfer.

3 **Each element has 110W** which ensures the maximum comfort with the most balanced consumption.

Electronics & functionality

4 **2 circuit boards with SMD technology,** lithium battery and Triac.

5 **1.77" TFT display** with the background colour user adjustable via the app.

6 **Highly sensitive touch** control panel.

▪ **Open Windows** energy saving function.

▪ **New USER mode:** lets you **restrict the range of temperatures available in the ECO and COMFORT** modes.
More on page 17.

GUARANTEE **20** YEARS on the product metal body

GUARANTEE **3** YEARS on electrical components

Dimensions

FRONTAL VIEW · SIDE VIEW

120 mm · 97 mm

350 mm · 510 mm · 675 mm · 835 mm

585 mm

992 mm · 1,160 mm · 1,320 mm

585 mm
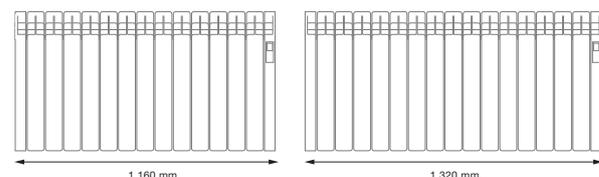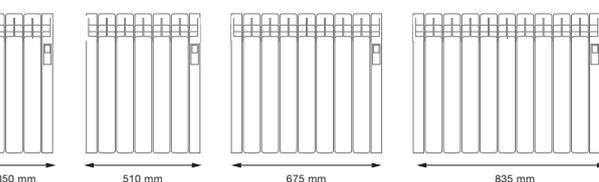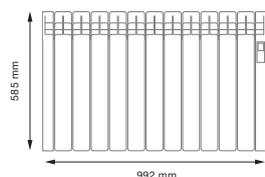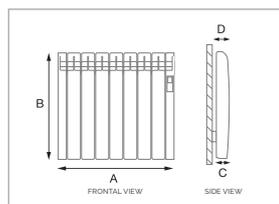
MODELS	WHITE	DIW0330RAD	DIW0550RAD	DIW0770RAD	DIW0990RAD	DIW1210RAD	DIW1430RAD	DIW1600RAD
	GRAPHITE	DIB0330RAD	DIB0550RAD	DIB0770RAD	DIB0990RAD	DIB1210RAD	DIB1430RAD	DIB1600RAD
	RAL COLOUR	DIR0330RAD	DIR0550RAD	DIR0770RAD	DIR0990RAD	DIR1210RAD	DIR1430RAD	DIR1600RAD
Nº of elements		3	5	7	9	11	13	15
DIMENSIONS								
A (mm) - Width		350	510	675	835	992	1,160	1,320
B (mm) - Height		585	585	585	585	585	585	585
C (mm) - Depth		97	97	97	97	97	97	97
D (mm) - Installed depth		120	120	120	120	120	120	120
MECHANICAL CHARACTERISTICS								
Armoured steel heating element		●	●	●	●	●	●	●
High purity aluminium		●	●	●	●	●	●	●
Thermal oil		●	●	●	●	●	●	●
Control panel with touch keyboard		●	●	●	●	●	●	●
Weight (Kg)		7.7	12.2	16.4	20.4	24.1	25.9	32.1
Weight with packaging (Kg)		8.8	13.3	17.5	21.5	25.2	27.0	33.2
Finishes		White RAL 9016 / Graphite forge effect / RAL Colour						
ELECTRICAL CHARACTERISTICS								
Nominal power (W)		330	550	770	990	1,210	1,430	1,600
Effective power (W)*		**125**	**209**	**293**	**376**	**460**	**543**	**608**
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
FUNCTIONALITY								
TFT screen (1.77")		●	●	●	●	●	●	●
Eco / Comfort / Anti-frost Modes		●	●	●	●	●	●	●
New User mode		●	●	●	●	●	●	●
Manual / Automatic function		●	●	●	●	●	●	●
Personalizable screen colour		●	●	●	●	●	●	●
Open windows function		●	●	●	●	●	●	●
Programmable 24/7 using keypad, Rointe Connect App or AIR Control		●	●	●	●	●	●	●
PERFORMANCE AND SECURITY								
Fuzzy Logic Energy Control		●	●	●	●	●	●	●
E·life Technology & Wi-Fi Inside		●	●	●	●	●	●	●
True Real Power & ULP32 microcontroller		●	●	●	●	●	●	●
Wireless communication		WiFi / Two-way infrared						
Temperature stability (°C)		±0.25	±0.25	±0.25	±0.25	±0.25	±0.25	±0.25
Air velocity (m/s)		< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Power per element (W/element)		110	110	110	110	110	110	110
Safety thermostat		●	●	●	●	●	●	●
Average surface temp. during steady period (°C)**		43 °C	43 °C	43 °C	43 °C	43 °C	43 °C	43 °C
Protection grade		IP24C	IP24C	IP24C	IP24C	IP24C	IP24C	IP24C
INSTALLATION								
Template & Installation kit		●	●	●	●	●	●	●
CERTIFICATIONS								
2004/108/CE Electromagnetic Comp.		●	●	●	●	●	●	●
2006/95/CE Electronic Security		●	●	●	●	●	●	●
EAN CODE	WHITE	8436045913708	8436045913715	8436045913722	8436045913739	8436045913746	8436045913753	8436045913760
	GRAPHITE	8436045913777	8436045913784	8436045913791	8436045913807	8436045913814	8436045913821	8436045913838
	RAL COLOUR	8436045916235 -xxxx***	8436045916242 -xxxx***	8436045916259 -xxxx***	8436045916266 -xxxx***	8436045916273 -xxxx***	8436045916280 -xxxx***	8436045916297 -xxxx***
T.P.	WHITE	£ 352	£ 446	£ 558	£ 637	£ 707	£ 783	£ 874
	GRAPHITE	£ 373	£ 473	£ 591	£ 675	£ 750	£ 830	£ 926
	RAL COLOUR	£ 433	£ 573	£ 731	£ 855	£ 970	£ 1,090	£ 1,226

* The effective power of the KYROS and D Series radiators is only 38%. This value has been obtained in tests performed by independent technology centres in a climatic chamber, by comparing two Rointe radiators, under the same parameters; one with Fuzzy Logic Energy Control and another with Optimizer Energy Plus (the first technology patented by our company that allowed to obtain a power 40% of the nominal power of the products in which it was installed). In this comparison, we observed a consumption difference of 6.3%, which reduces the effective power obtained with the previous technology Optimizer Energy Plus, allowing us to deduce that the use of the new technology Fuzzy Logic Energy Control reduces the effective power of the radiators up to 38%. ** Average surface temperature obtained with the radiator temperature set at 21 ° C. *** The last 4 digits of the EAN code correspond to the numerical code of the desired RAL finish. Letter and RAL codes available on page 113.

IP24C CE RoHS FC

INFRARED

KYROS

LOW CONSUMPTION
DIGITAL RADIATOR

AVAILABLE FINISHES

○ White RAL 9010

CHARACTERISTICS

LOW CONSUMPTION

The **Fuzzy Logic Energy Control** technology allows a highly efficient use of the energy and stabilizes the temperature within a variation of only ± 0.25 °C.

NEW INTERACTIVE MENUS

Improved interaction with the product thanks to the new interactive menus**.**

READY TO USE PRE-INSTALLED PROGRAMS

Includes **4 different pre-installed programs.**

Rointe KYROS System

1 **100% aluminium body designed with fluid dynamics.** Flame-proof polycarbonate closures PC/ABS.

2 **Special heat transfer fluid** exclusive to Rointe with a high calorific inertia and excellent heat transfer.

3 **Each element has 110W** which assures the maximum comfort with the most balanced consumption.

Electronics & functionality

4 **1 circuit with SMD technology,** lithium battery and Triac.

5 **1.77" TFT Screen**.

6 **Mechanical control panel.**

- **Open Windows** energy saving function.

- **New USER Mode:** lets you **restrict the range of temperatures available in the ECO and COMFORT** modes by establishing personalized upper and lower limits.

GUARANTEE 20 YEARS on the product metal body

GUARANTEE 3 YEARS on electrical components

Dimensions

FRONTAL VIEW   SIDE VIEW

120 mm

98 mm

580 mm

580 mm

350 mm | 520 mm | 680 mm | 840 mm

1,010 mm | 1,180 mm | 1,330 mm
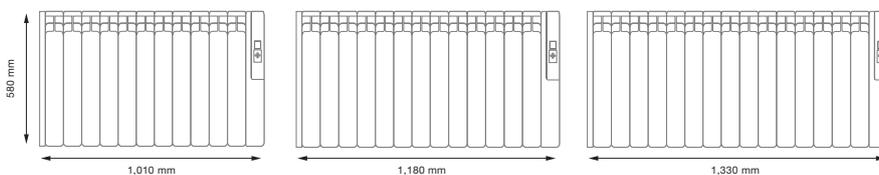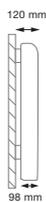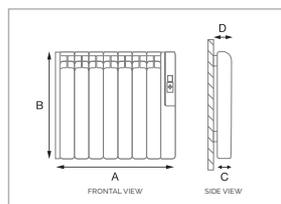
MODELS	KRI0330RAD3	KRI0550RAD3	KRI0770RAD3	KRI0990RAD3	KRI1210RAD3	KRI1430RAD3	KRI1600RAD3
N° of elements	3	5	7	9	11	13	15
DIMENSIONS							
A (mm) - Width	350	520	680	840	1,010	1,180	1,330
B (mm) - Height	580	580	580	580	580	580	580
C (mm) - Depth	98	98	98	98	98	98	98
D (mm) - Installed depth	120	120	120	120	120	120	120
MECHANICAL CHARACTERISTICS							
Armoured steel heating element	●	●	●	●	●	●	●
High purity aluminium	●	●	●	●	●	●	●
Thermal oil	●	●	●	●	●	●	●
PC/ABS panel with keypad	●	●	●	●	●	●	●
Both sides cover PC/ABS	●	●	●	●	●	●	●
Weight (Kg)	7.7	12.2	16.4	20.4	24.1	25.9	32.1
Weight with packaging (Kg)	8.8	13.3	17.5	21.5	25.2	27.0	33.2
Finish	White RAL 9010						
ELECTRICAL CHARACTERISTICS							
Nominal power (W)	330	550	770	990	1,210	1,430	1,600
Effective power (W)*	**125**	**209**	**293**	**376**	**460**	**543**	**608**
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
FUNCTIONALITY							
TFT screen (1.77")	●	●	●	●	●	●	●
Manual / Automatic function	●	●	●	●	●	●	●
Eco / Comfort mode / Anti-frost	●	●	●	●	●	●	●
Pre-installed programming	●	●	●	●	●	●	●
Access Menus	●	●	●	●	●	●	●
New User mode	●	●	●	●	●	●	●
Open windows function	●	●	●	●	●	●	●
Screen brightness control	●	●	●	●	●	●	●
Nominal and effective power	●	●	●	●	●	●	●
Programmable 24/7 using keyboard, AIR Control or BASIC Control	●	●	●	●	●	●	●
PERFORMANCE AND SECURITY							
Fuzzy Logic Energy Control	●	●	●	●	●	●	●
Rointe ULP8 Microcontroller	●	●	●	●	●	●	●
Wireless communications	Two-way infrared						
Temperature stability (°C)	±0.25	±0.25	±0.25	±0.25	±0.25	±0.25	±0.25
Air velocity (m/s)	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Power per element (W/element)	110	110	110	110	110	110	110
Safety thermostat	●	●	●	●	●	●	●
Average surface temp. during the steady period (°C)**	43 °C	43 °C	43 °C	43 °C	43 °C	43 °C	43 °C
Protection grade	IP21	IP21	IP21	IP21	IP21	IP21	IP21
INSTALLATION							
Template & Installation kit	●	●	●	●	●	●	●
CERTIFICATIONS							
2004/108/CE Electromagnetic Compatibility	●	●	●	●	●	●	●
2006/95/CE Electronic Security	●	●	●	●	●	●	●
EAN CODE	8436045917256	8436045917263	8436045917270	8436045917287	8436045917294	8436045917300	8436045917317
T.P.	£ 276	£ 350	£ 438	£ 500	£ 555	£ 614	£ 685

* The effective power of the KYROS and D Series radiators is only 38%. This value has been obtained in tests performed by independent technology centres in a climatic chamber, by comparing two Rointe radiators, under the same parameters; one with Fuzzy Logic Energy Control and another with Optimizer Energy Plus (the first technology patented by our company that allowed to obtain a power 40% of the nominal power of the products in which it was installed). In this comparison, we observed a consumption difference of 6.3%, which reduces the effective power obtained with the previous technology Optimizer Energy Plus, allowing us to deduce that the use of the new technology Fuzzy Logic Energy Control reduces the effective power of the radiators up to 38%. ** Average surface temperature obtained with the radiator temperature set at 21 ° C.

CE   RoHS

INFRARED

KYROS
conservatory

LOW CONSUMPTION
RADIATOR DESIGNED FOR
UNDER WINDOWS

AVAILABLE FINISHES

White RAL 9010

CHARACTERISTICS

LOW CONSUMPTION

The **Fuzzy Logic Energy Control** technology allows a highly efficient use of the energy and stabilizes the temperature within a variation of only ± 0.25 °C.

NEW INTERACTIVE MENUS

Improved interaction with the product thanks to the new interactive menus.

READY TO USE PRE-INSTALLED PROGRAMS

Includes **4 different pre-installed programs.**

Rointe KYROS System

1 **100% aluminium body designed with fluid dynamics.** Flame-proof polycarbonate closures PC/ABS.

2 **Special heat transfer fluid** exclusive to Rointe with a high calorific inertia and excellent heat transfer.

3 **Each element has 100W** which assures the maximum comfort with the most balanced consumption.

Electronics & functionality

4 **1 circuit with SMD technology,** lithium battery and Triac.

5 **1.77" TFT Screen.**

6 **Mechanical control panel.**

▪ **Open Windows** energy saving function.

▪ **New USER Mode:** lets you **restrict the range of temperatures available in the ECO and COMFORT** modes by establishing personalized upper and lower limits.
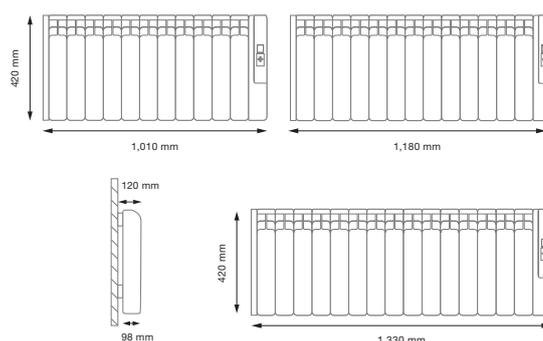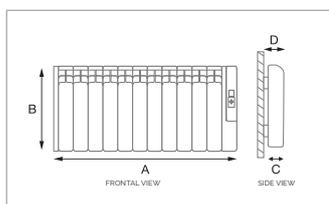
Dimensions

MODELS	KRI1100RADC3	KRI1300RADC3	KRI1500RADC3
Nº of elements	11	13	15
DIMENSIONS			
A (mm) - Width	1,010	1,180	1,330
B (mm) - Height	420	420	420
C (mm) - Depth	98	98	98
D (mm) - Installed depth	120	120	120
MECHANICAL CHARACTERISTICS			
Armoured steel heating element	●	●	●
High purity aluminium	●	●	●
Thermal oil	●	●	●
PC/ABS panel with keypad	●	●	●
Both sides cover PC/ABS	●	●	●
Weight (Kg)	24.1	25.9	32.1
Weight with packaging (Kg)	25.2	27.0	33.2
Finish		White RAL 9010	
ELECTRICAL CHARACTERISTICS			
Nominal power (W)	1,100	1,300	1,500
Voltage (V)	230 V ~	230 V ~	230 V ~
Current (A)	5.3	6.2	7.0
FUNCTIONALITY			
TFT screen (1.77")	●	●	●
Manual / Automatic function	●	●	●
Eco / Comfort mode / Anti-frost	●	●	●
Pre-installed programming	●	●	●
Access Menus	●	●	●
New User mode	●	●	●
Open windows function	●	●	●
Screen brightness control	●	●	●
Nominal and effective power	●	●	●
Programmable 24/7 using keyboard, AIR Control or BASIC Control	●	●	●
PERFORMANCE AND SECURITY			
Fuzzy Logic Energy Control	●	●	●
Rointe ULP8 Microcontroller	●	●	●
Wireless communications		Two-way infrared	
Temperature stability (°C)	±0.25	±0.25	±0.25
Air velocity (m/s)	< 0.1	< 0.1	< 0.1
Power per element (W/element)	100	100	100
Safety thermostat	●	●	●
Average surface temp. during the steady period (°C)**	43 °C	43 °C	43 °C
Protection grade	IP21	IP21	IP21
INSTALLATION			
Template & Installation kit	●	●	●
CERTIFICATIONS			
2004/108/CE Electromagnetic Compatibility	●	●	●
2006/95/CE Electronic Security	●	●	●
EAN CODE	8436045915894	8436045915900	8436045915917
T.P.	£ 514	£ 568	£ 634

* Average surface temperature obtained with the radiator temperature set to 21 °C.

Accessories

PROTECTIVE GRILLS

LOW CONSUMPTION DIGITAL RADIATOR
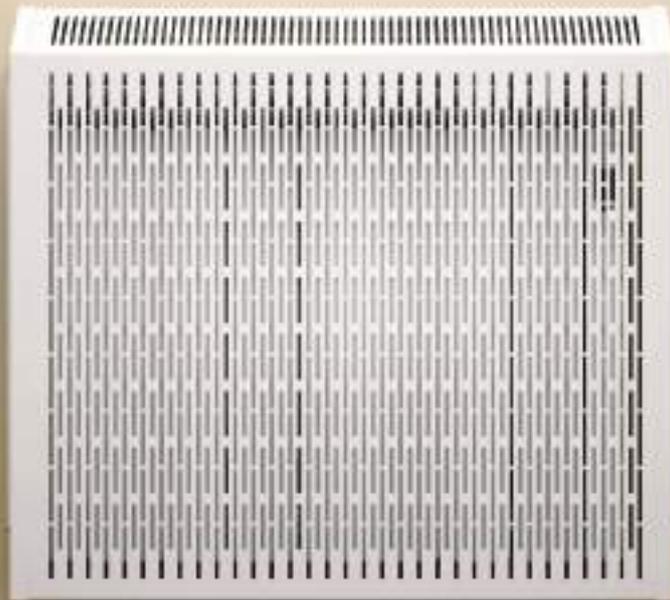
AVAILABLE FINISHES

- White RAL 9010
- Graphite

This protection system has been designed exclusively for the Rointe digital electric radiators. With these grills no-one can come into contact with the surface of the radiators and it also eliminates the risk of any strange objects being introduced into the radiators. Their installation is recommended in areas such as nurseries, schools, homes for the elderly etc.

CASE STUDY

ST. COLUMBA'S RESIDENCE

The Rointe radiator protection grills have been successfully installed in St. Columba's Scottish nursing home to protect residents from possible incidents.

GUARANTEE **2** YEARS on accessories & controls

Dimensions

CE ✓ RoHS
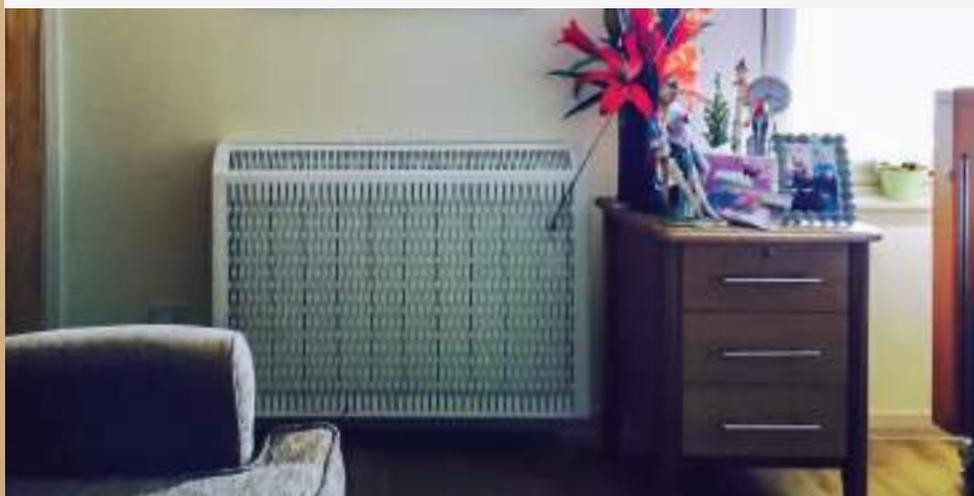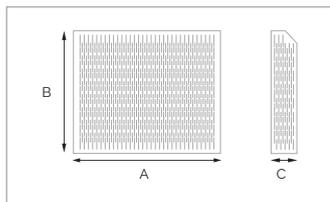
The installation of the protection grill prevents access to the control panel.

To have full control of your radiator with protective grill use any of the remote controls.
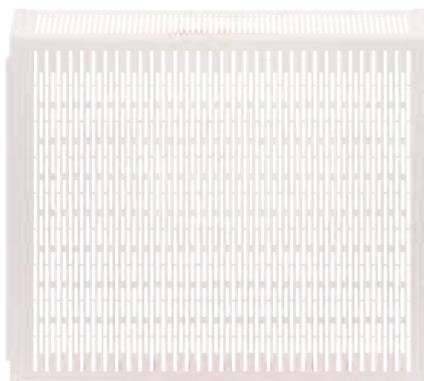
D SERIES

Protective grill for D Series radiators

MODELS	WHITE	RDW0550	RDW0770	RDW0990	RDW1210	RDW1430	RDW1600
	GRAPHITE	RDB0550	RDB0770	RDB0990	RDB1210	RDB1430	RDB1600
Compatible with		DIW0550RAD DIW0330RAD	DIW0770RAD	DIW0990RAD	DIW1210RAD	DIW1430RAD	DIW1600RAD
		DIB0550RAD DIB0330RAD	DIB0770RAD	DIB0990RAD	DIB1210RAD	DIB1430RAD	DIB1600RAD
DIMENSIONS							
A (mm) - Width		600	760	920	1,090	1,260	1,410
B (mm) - Height		660	660	660	660	660	660
C (mm) - Depth		150	150	150	150	150	150
MECHANICAL CHARACTERISTICS							
Weight (Kg)		8.1	9	10.6	11.8	13.1	14.4
Finishes		White RAL 9010 / Graphite forge effect					
EAN CODE	WHITE	8436045915993	8436045916006	8436045916013	8436045916020	8436045916037	8436045916044
	GRAPHITE	8436045916068	8436045916075	8436045916082	8436045916099	8436045916105	8436045916112
T.P.	WHITE	£ 97	£ 107	£ 118	£ 131	£ 143	£ 145
	GRAPHITE	£ 103	£ 113	£ 125	£ 139	£ 152	£ 154

KYROS

Protective grill for KYROS radiators

MODELS	RKY0550	RKY0770	RKY0990	RKY1210	RKY1430	RKY1600
Compatible with	KRI0550RAD3 KRI0330RAD3	KRI0770RAD3	KRI0990RAD3	KRI1210RAD3	KRI1430RAD3	KRI1600RAD3
DIMENSIONS						
A (mm) - Width	600	760	920	1,090	1,260	1,410
B (mm) - Height	660	660	660	660	660	660
C (mm) - Depth	150	150	150	150	150	150
MECHANICAL CHARACTERISTICS						
Weight (Kg)	8.1	9	10.6	11.8	13.1	14.4
Finish	White RAL 9010					
EAN CODE	8436045914392	8436045914408	8436045914415	8436045914422	8436045914439	8436045914446
T.P.	£ 89	£ 97	£ 107	£ 119	£ 131	£ 133

KYROS CONSERVATORY

Protective grill for KYROS Conservatory radiators

MODELS	RKY1100	RKY1300	RKY1500
Compatible with	KRI1100RADC3	KRI1300RADC3	KRI1500RADC3
DIMENSIONS			
A (mm) - Width	1,090	1,260	1,410
B (mm) - Height	500	500	500
C (mm) - Depth	150	150	150
MECHANICAL CHARACTERISTICS			
Weight (Kg)	10.8	12.1	13.4
Finish	White RAL 9010		
EAN CODE	8436045914453	8436045914460	8436045914477
T.P.	£ 110	£ 120	£ 130

Towel rails

ROINTE

Comfort solutions for **bathrooms**

DIGITAL TOWEL RAIL RANGES

DESIGN

Slightly curved or straight digital electric towel rails with flat or tubular slats.

D Series
300, 450, 600 & 750 W

KYROS
300, 500, 750 & 1.000 W

FINISHES

Unique colours and textures for all tastes.

White
RAL 9016
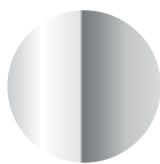
Chrome
polished

Graphite
Forge effect

Colour it!
RAL Colour range

KYROS towel rails

D Series towel rails

Rointe towel rails

your versatile solution for all types of bathrooms.

Rointe presents the largest towel rail range on the market, with different wattages and finishes, allowing the installation of the most suitable product for your bathroom, providing a touch of elegance and the best comfort.

In addition, the towel rail hangers make it easy for your towels to always be warm when you step out of the shower.

DESIGN

ELEGANCE AND STYLE

Rointe towel rails are made of 1.5mm thick steel and are designed exclusively with elegant and harmonic lines, which gives them a high degree of distinction compared to other standard towel rails on the market.

It is designed so that its installation does not break the aesthetics of the bathroom while providing the luxury of having the towels always warm.

WIDE RANGES FINISHES

Rointe presents three different finishes for its towel rails: white RAL 9016, chrome and graphite forge effect, which allows the client to pick the finish that they want and fits with the style of the bathroom where it will be installed.

For designers and architects, this range of finishes offers a multitude of combinations that fit in with all kinds of styles when developing a new property or renovating an old one.

DIFFERENT HEIGHTS

The Rointe towel rail range is the widest in the market, with the towel rail height ranging from 800 mm to 1,800 mm. This allows us to adequately calculate the dimensions of the product needed as per the space available in the bathroom.

CUSTOMIZABLE BACKGROUND COLOUR

The electronics that the Rointe towel rails contain allows us to adapt the colour of the screen to the style of the bathroom and to modify it as and when needed.
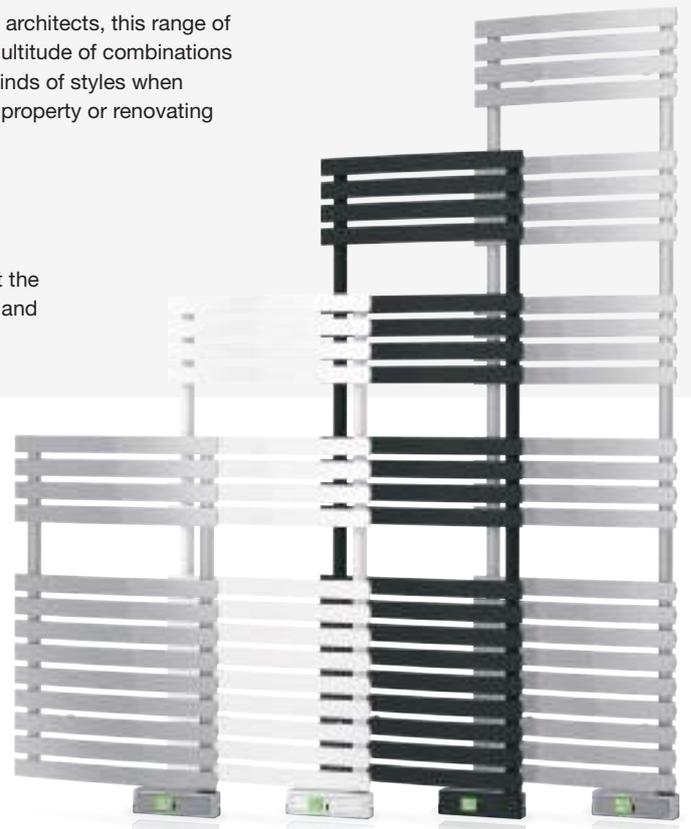
COMPATIBLE ACCESSORIES

Rointe also offers towel racks and hangers that help to increase the drying capacity of the towel rails.

The towel racks provide extra space to hang up to 3 more towels, making it ideal for larger families where the towel rail may become crowded.

The towel hangers are the perfect choice when the client wants to hang their bathrobe, leaving the bars of the towel rail free.

COMFORT

SAVINGS FUNCTION

As in our range of radiators, Rointe towel rails incorporate the OPEN WINDOWS feature that allows the product to disconnect itself if it detects a 4ºC drop in the room temperature within 30 minutes.

BOOST FUNCTION

This function allows the towel rail to operate in a continuous mode for 15 minutes, 30 minutes, 1 hour or 2 hours, providing constant heat without any regards for the thermostat reading.

INTERACTIVE MENUS

Rointe towel rails incorporate an interactive keypad so the user can access all functions and programme the product easily.

EASY INSTALLATION WITH TEMPLATE & SUPPORT WALL BRACKETS INCLUDED

All Rointe towel rails and radiators incorporate a mounting template to make the installation of the product as easy as possible.

In addition, the brackets, screws and wall plugs are included so that the installer does not have to worry about anything and can produce a perfect installation, key for the correct operation of the product.

UNIFORM SURFACE TEMPERATURE

The electrical heating elements used in the Rointe towel rails have a longer length, which provides a uniform heat and even drying of towels.

SECURITY

CLASS II

Class II □

Rointe towel rails are classified as a Class II product, which means that they have double insulation in all of their components and therefore do not require grounding.

Providing the maximum security to the user is the fundamental pillar in the manufacturing of our towel rails.

FIREPROOF PLASTIC

The Rointe towel rail control panel is made of fire-retardant polycarbonate and with additives that prevent colour degradation.

IP44

All Rointe towel rails have a protection grade of IP44 meaning that they are protected against dust particles smaller than 1mm and against water splash.

BIODEGRADABLE THERMAL FLUID

The interior thermal fluid of the Rointe towel rails are specifically formulated to provide the maximum heat transfer in a product with circular conductivity, where the viscosity of the liquid is key to turbulent flow and hence a higher heat transfer.

10 YEAR GUARANTEE

GUARANTEE 10 YEARS   GUARANTEE 2 YEARS

The towel rails have a 10 year guarantee on the body of the unit and a 2 year guarantee on the electronic components and comply with all national and international regulations for heating products.

Wi Fi

D Series

DIGITAL CONNECTED
TOWEL RAILS

CHARACTERISTICS

THERMAL COMFORT

Enjoy the well-being and comfort in your bathroom with towels that are always dry thanks to our towel rails.

INTEGRATED AUTOMATION TECHNOLOGY

Wi-Fi and automated control via E·Life technology platform.

COSTS AND CONSUMPTION CONTROL

"True Real Power" consumption meter which allows you to obtain **statistics of the real energy consumption and costs.**
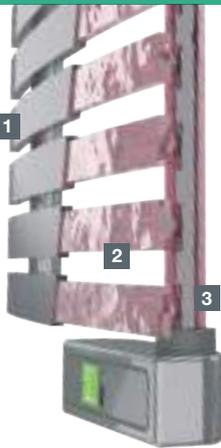
Rointe D Series system

1 **ST12 steel body** with a slightly curved design.

2 **Special heat transfer fluid** which is exclusive to Rointe and with a high calorific inertia and excellent heat transfer.

3 **Armoured steel heating element** duly thermally compensated.

Electronics & functionality

4 **2 circuits with SMD technology** and lithium battery.

5 **1.77" TFT display** with the background colour user-adjustable via the app.

6 **Highly sensitive** touch control panel.

- **Open Windows** energy saving function.

- **Boost Function:** Constant heat for 15, 30, 60 or 120 minutes.

- New USER Mode.

Dimensions

MODELS	WHITE	DTI030SEW	DTI045SEW	DTI060SEW	DTI075SEW
	GRAPHITE	DTI030SEB	DTI045SEB	DTI060SEB	DTI075SEB
	RAL COLOUR	DTI030SER	DTI045SER	DTI060SER	DTI075SER
	CHROME	DTI030SEC	DTI045SEC	DTI060SEC	DTI075SEC
DIMENSIONS					
A (mm) - Width		500	500	500	500
B (mm) - Height without control panel		788	1,106	1,420	1,742
C (mm) - Height with control panel		843	1,161	1,475	1,797
D (mm) - Depth		55	55	55	55
E (mm) - Installed depth		100	100	100	100
MECHANICAL CHARACTERISTICS					
Armoured steel heating element		●	●	●	●
Thermal fluid		●	●	●	●
PC/ABS control panel with touch keyboard		●	●	●	●
Weight (Kg)		13	17	21	25
Finishes		White RAL 9016 / Graphite Forge Effect / RAL colour / Chrome			
Design		Slightly Curved			
ELECTRICAL CHARACTERISTICS					
Nominal power (W)	White / Graphite / RAL	300	450	600	750
	Chrome	300	300	450	600
Voltage (V)		230 V ~	230 V ~	230 V ~	230 V ~
Current (A)	White / Graphite / RAL	1.30	1.96	2.61	3.26
	Chrome	1.30	1.30	1.96	2.61
Class II heating element		●	●	●	●
FUNCTIONS					
TFT screen (1.77")		●	●	●	●
Manual / Automatic function		●	●	●	●
Eco / Comfort / Anti-frost modes		●	●	●	●
New User mode		●	●	●	●
Open windows function		●	●	●	●
Screen brightness control		●	●	●	●
2 hr boost function		●	●	●	●
Programmable 24/7 using touch pad, Rointe Connect App or AIR Control remote		●	●	●	●
PERFORMANCE AND SECURITY					
E·life Technology & Wi-Fi Inside		●	●	●	●
True Real Power & Rointe ULP32 Microcontroller		●	●	●	●
Wireless communication		WiFi / Two-way infrared			
Fire proof cabling		●	●	●	●
Safety thermostat		●	●	●	●
Protection grade		IP 44	IP 44	IP 44	IP 44
INSTALLATION					
Template		●	●	●	●
Installation kit		●	●	●	●
CERTIFICATIONS					
2004/108/CE Electromagnetic compatibility		●	●	●	●
2006/95/CE Electronic security		●	●	●	●
EAN CODE	WHITE	8436045913920	8436045913937	8436045913944	8436045913951
	GRAPHITE	8436045913883	8436045913890	8436045913906	8436045913913
	RAL COLOUR	8436045916303-xxxx**	8436045916310-xxxx**	8436045916327-xxxx**	8436045916334-xxxx**
	CHROME	8436045913845	8436045913852	8436045913869	8436045913876
T.P.	WHITE	£ 423	£ 476	£ 519	£ 576
	GRAPHITE	£ 493	£ 616	£ 690	£ 759
	RAL COLOUR	£ 599	£ 720	£ 802	£ 863
	CHROME	£ 535	£ 686	£ 796	£ 921

* The last 4 digits of the EAN code corresponds to the desired RAL colour code. Colour chart available on page 113. For any question about the RAL colour finishes please contact us.

Class II   IP44   CE   RoHS   FC

AVAILABLE FINISHES

White RAL 9016

Chrome

KYROS

DIGITAL TOWEL RAILS

CHARACTERISTICS

THERMAL COMFORT

Enjoy the well-being and comfort in your bathroom with towels that are always dry thanks to our towel rails.

NEW INTERACTIVE MENUS

Improved interaction with the product thanks to the new interactive menus**.**

READY TO USE PRE-INSTALLED PROGRAMS

It includes **4 different pre-installed programs.** See more on page 62.
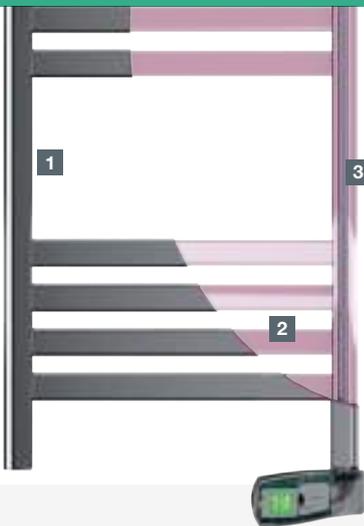
Rointe KYROS system

1 **ST12 steel body** with a straight flat bars design.

2 **Special heat transfer fluid** which is exclusive to Rointe and with a high calorific inertia and excellent heat transfer.

3 **Armoured steel heating element** duly thermally compensated.

Electronics & functionality

4 **1 circuit with SMD technology** and lithium battery.

5 **1.77" TFT display.**

6 **Mechanical control panel.**

- **Open Windows** energy saving function.

- **Boost Function:** Constant heat for 15, 30, 60 or 120 minutes.

- **New USER Mode.** More on page 17.

Dimensions

FRONTAL VIEW   SIDE VIEW

MODELS		KTI030SEB3	KTI050SEB3	KTI075SEB3	KTI100SEB3
WHITE		KTI030SEB3	KTI050SEB3	KTI075SEB3	KTI100SEB3
CHROME		KTI030SEC3	KTI050SEC3	KTI075SEC3	KTI100SEC3
DIMENSIONS					
A (mm) - Width		500	500	500	500
B (mm) - Height without control panel		800	1,200	1,600	1,800
C (mm) - Height with control panel		900	1,300	1,700	1,900
D (mm) - Depth		50	50	50	50
E (mm) - Installed depth		100	100	100	100
MECHANICAL CHARACTERISTICS					
Armoured steel heating element		●	●	●	●
Thermal fluid		●	●	●	●
PC/ABS control panel with keypad		●	●	●	●
Weight (Kg)		11	15	22	28
Finishes	White	RAL 9016			
	Chrome	Chrome			
Design		Straight			
ELECTRICAL CHARACTERISTICS					
Nominal power (W)	White	300	500	750	1,000
	Chrome	300	300	500	750
Voltage (V)		230 V ~	230 V ~	230 V ~	230 V ~
Current (A)	White	1.3	2.2	3.3	4.4
	Chrome	1.3	1.3	2.2	3.3
Class II		●	●	●	●
FUNCTIONS					
TFT screen (1.77")		●	●	●	●
Manual / Automatic function		●	●	●	●
Eco / Comfort mode / Anti-frost		●	●	●	●
Pre-installed programming		●	●	●	●
Access Menus		●	●	●	●
New User mode		●	●	●	●
Open windows function		●	●	●	●
Screen brightness control		●	●	●	●
2 hr boost function		●	●	●	●
Programmable 24/7 using keyboard, AIR Control or BASIC Control		●	●	●	●
PERFORMANCE AND SECURITY					
Rointe ULP8 Microcontroller		●	●	●	●
Wireless communications		Two-way infrared			
Fire proof cabling		●	●	●	●
Safety thermostat		●	●	●	●
Protection grade		IP 44	IP 44	IP 44	IP 44
INSTALLATION					
Template & installation kit		●	●	●	●
CERTIFICATIONS					
2004/108/CE Electromagnetic compatibility		●	●	●	●
2006/95/CE Electronic security		●	●	●	●
EAN CODE	WHITE	8436045917379	8436045917386	8436045917393	8436045917409
	CHROME	8436045917331	8436045917348	8436045917355	8436045917362
T.P.	**WHITE**	**£ 277**	**£ 353**	**£ 399**	**£ 440**
	CHROME	**£ 442**	**£ 569**	**£ 710**	**£ 764**

Class II IP44 CE RoHS

Accessories

RACK FOR TOWEL RAILS

DIGITAL
TOWEL RAILS

RACK

This accessory lets you place more towels on the towel rail (without exceeding the maximum supported weight of 2 Kg).

Furthermore the space between the wet towels on the rack and the towel rail allows an evaporation of water thanks to the natural air convection helping the towel dry quicker.
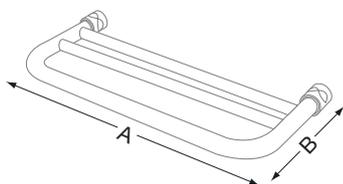
AVAILABLE FINISHES

○	White RAL 9016
●	Graphite forge effect
◑	Chrome

CE RoHS

		Compatible with **KYROS towel rails**	Compatible with **D Series towel rails**
MODEL	**WHITE**	RSRW001	RSRW002
	CHROME	RSRC001	RSRC002
	GRAPHITE	✕	RSRB002
DIMENSIONS			
A (mm) - Width		410	410
B (mm) - Depth		150	150
Inner tube diameter (mm)		16	16
Outer tube diameter (mm)		22	22
CHARACTERISTICS			
Material		Steel	Steel
Finishes	White	RAL 9016	RAL 9016
	Chrome	Chrome	Chrome
	Graphite	✕	Graphite forge effect
Max. supported weight (Kg)		2	2
EAN CODE	**WHITE**	8436045916983	8436045917041
	CHROME	8436045916990	8436045917065
	GRAPHITE	✕	8436045917058
T.P.	**WHITE**	£ 60	£ 60
	CHROME	£ 65	£ 65
	GRAPHITE	✕	£ 65

GUARANTEE 2 YEARS on accessories & controls

HANGERS

This accessory lets you hang more towels or bathrobes on the towel rail (without exceeding the maximum supported weight of 1 Kg).

Accessories

HANGERS FOR TOWEL RAILS

DIGITAL TOWEL RAILS

AVAILABLE FINISHES
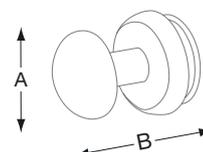
○	White RAL 9016
●	Graphite forge effect
◐	Chrome

CE RoHS

		Compatible with **KYROS towel rails**	Compatible with **D Series towel rails**
MODEL	WHITE	RSHW001	RSHW002
	CHROME	RSHC001	RSHC002
	GRAPHITE	✕	RSHB002
DIMENSIONS			
A (mm) - Width		35	35
B (mm) - Depth		70	70
CHARACTERISTICS			
Material		Steel	Steel
Finishes	White	RAL 9016	RAL 9016
	Chrome	Chrome	Chrome
	Graphite	✕	Graphite forge effect
Max. supported weight (Kg)		1	1
EAN CODE	WHITE	8436045917010	8436045917089
	CHROME	8436045917027	8436045917096
	GRAPHITE	✕	8436045917102
T.P.	WHITE	£ 25	£ 25
	CHROME	£ 30	£ 30
	GRAPHITE	✕	£ 30

Unvented water heaters

ROINTE

Domestic hot water solutions

WATER HEATERS

DESIGN

Digital water heaters with touch control panel, TFT display and basic water heaters that fit any need and requirement.

D Series
50, 75, 100, 150 and 200 Litres

KYROS
50, 75, 100, 150 and 200 Litres

RB Basic
50, 75, 100, 150 and 200 Litres

RW Basic
50, 75 and 100 Litres

SIZES

Square and cylindrical format according to model and volume.

Square shape
50, 75 and 100 L

Cylindrical shape
150 and 200 L

Rointe unvented water heaters
the ideal solution to complete your system.

From special enamel to protect the interior of the water heater to the two heating elements connected in a parallel circuit, Rointe ensures the function of our water heater under any circumstance. The insulation of the water heater – key to keep a stable temperature of the water inside the tank – together with the electronics designed and manufactured with the latest advances in safety and consumption measurement, make our electric water heaters one of the most efficient on the market.

EFFICIENCY

RANGE WITH 5 SIZES

Rointe presents 5 models of water heaters with volumes ranging from 50 to 200 litres, to be able to adapt to the hot water needs of each user.

The 50, 75 and 100 litre water heaters are square to fit smaller spaces such as cabinets. The 150 and 200 litre are cylindrical and are designed to be mounted on a tripod in low-rise areas.

EVOLUTION IN TEMPERATURE

The Rointe digital water heaters incorporate a function that allows the user to know in real time the available water the heater is able to supply at the desired temperature the user has set.

75%

For example, the value shown on this screen indicates that the water temperature is 75% of the way to reaching the set temperature value by the user.

BIODEGRADABLE POLYURETHANE INSULATION

In Rointe we take care of the environment and for that reason the insulation that we use in our water heaters is made of polyurethane with a thickness of 3 cm. It is totally biodegradable and without CFCs, therefore the material does not damage the environment.

CONSUMPTION INDICATOR

Our digital water heaters incorporate an option to verify the efficiency of the system. Depending on your consumption, you will have a different coloured screen: green if the operation is optimal, yellow if it exceeds normal limits and red if the water heater is working above the estimated consumption.

SMART CONSUMPTION
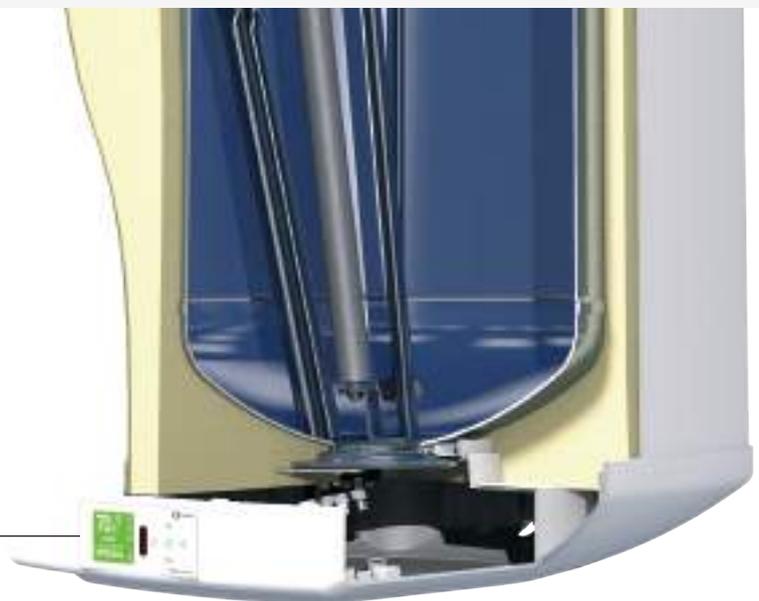
THE ENERGY SMART WATER HEATERS

Our digital water heaters save up to 16% of energy compared to Rointe water heaters of the same capacity but with analogue technology.

Our water heaters have been tested in the technological centre of energy and the environment, where 16% of savings on energy consumption were obtained in a profile using 120 litres during 24 hours for a house with 4 people, in respect to a Rointe analogue water heater. If you wish, you can request this report by contacting Rointe.

HIGHER VOLUME OF WATER

The mixing valve increases the capacity of the water heater by 70%.

According to the test carried out at the technological centre for energy and the environment, the use of a mixing valve at the hot water outlet of a water heater increases the volume of water available at 39ºC by 70%, in respect to a water heater where this has not been installed. If you wish, you can request this report by contacting Rointe.

SECURITY

ANTI-LEGIONNAIRE'S DISEASE SYSTEM

The Rointe digital water heaters incorporate a protection system against legionella bacteria. These bacteria can appear in humid environments when the water temperature is around 40ºC.

To prevent this, the water heater automatically raises its temperature to 60ºC for an hour, once a week to destroy any possible remainder of this dangerous bacteria, assuring the user that the water being used is clean and disinfected.

DOUBLE HEATING ELEMENT

The product includes 2 sheathed heating elements, of easy substitution, that can be replaced without the necessity of having to drain the whole water heater. These heating elements work in a parallel circuit, so if one is damaged the other continues to heat the water.

MAGNESIUM ANODE*

The magnesium anode that the Rointe water heaters contain protects the life span of the cylinder of the water heater. It helps to prevent any lime scale within the tank avoiding any corrosion.

*Check the periodicity of anode maintenance in the product manual.

INSTALLATION KIT INCLUDED

Rointe offers users all the necessary components for the correct installation of the water heater according to the laws in each country. These kits must be installed to ensure the protection of the user against possible pressure failures.

SECURITY THERMOSTAT

Each Rointe water heater includes a security thermostat inside the boiler preventing the possibility for it to overheat. Unlike the rest of the water heaters in the market, this reads the temperature at the top of the tank for a more precise measurement of the temperature.

ELECTROLYTIC FITTINGS

The electrolytic components are assembled during the manufacturing process to avoid corrosion that can occur when joining steel pipes in the house to the outlets on the water heater.

5 YEAR CERTIFIED GUARANTEE

Rointe water heaters have a 5 year guarantee on the cylinder and a 2 year guarantee on electronic components and comply with all national and international regulations for heating products.

Wi Fi

D Series

D.H.W. CONNECTED
DIGITAL WATER HEATER

CHARACTERISTICS

LOW CONSUMPTION

The **Fuzzy Logic Energy Control** technology allows a highly efficient use of the energy and allows consumption optimizing in standby periods.

INTEGRATED CONNECTIVITY

Integrated Wi-Fi and home automation technology via the E·Life technology platform.

CONTROL OF CONSUMPTION AND COSTS

"True Real Power" consumption meter which allows you to obtain **statistics of the real energy consumption and costs.**

Rointe D Series system

1 Steel tank covered with **0.5mm thick porcelain enamel.**

2 **Double heating element connected in parallel,** which work individually.

3 Long lasting **magnesium protective anode.**

4 Low thermal conductivity **3cm thick Polyurethane insulation free of CFC's.**

Electronics & functionality

5 **2 circuits with SMD technology,** lithium battery and Triac relay.

6 **1.77" TFT display** with adjustable background colour.

7 **Highly sensitive** touch control panel.

▪ **Water heating progress function,** which shows the amount of hot water available.

▪ **Periodic Anti-Legionnaires function,** which eliminates bacteria from the water.

▪ **New USER mode.**

GUARANTEE 5 YEARS on the inner steel tank

GUARANTEE 2 YEARS on electrical components

Energy certification C

NO CFCs POLYURETHANE INSULATION FOAM WITHOUT CFCs

Dimensions

Square range of products
D Series water heaters · 50 - 75 - 100 L

Cylindrical range of products
D Series water heaters · 150 - 200 L

FRONTAL VIEW   SIDE VIEW

404 mm · 404 mm · 680 mm · 900 mm · 1,150 mm

580 mm · 580 mm · 960 mm · 1,120 mm
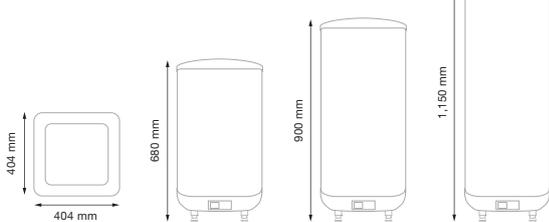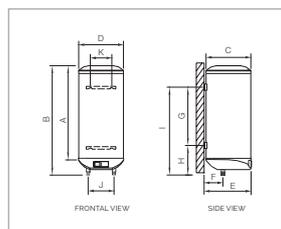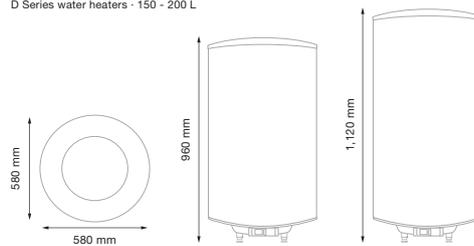
MODELS	DWI050DHW2	DWI075DHW2	DWI100DHW2	DWI150DHW2	DWI200DHW2
Volume	50	75	100	150	200
DIMENSIONS					
A (mm) - Height	640	860	1,100	900	1,070
B (mm) - Height with connections	680	900	1,150	960	1,120
C (mm) - Total height with T/P valve	780	1,000	1,250	1,060	1,220
D (mm) - Width	404	404	404	580	580
E (mm) - Depth	404	404	404	580	580
F (mm) - Installed depth	420	420	420	620	620
G (mm) - Depth from the connections to the wall	120	120	120	178	178
H (mm) - Vertical distance between fixing holes	340	573	768	595	685
I (mm) - Vert. dist. lower fixing holes & connections	130	142	192	250	250
J (mm) – Vert. dist. upper fixing holes & connections	470	715	960	845	935
K (mm) – Distance between connections	160	160	160	235	235
L (mm) – Horizontal distance between fixing holes	350	350	350	350	350
INSTALLATION					
Position			Vertical		
Water connection (inches)	1/2"	1/2"	1/2"	3/4"	3/4"
Electrolytic fittings	●	●	●	●	●
Support Tripod	non available	non available	non available	included	included
MECHANICAL CHARACTERISTICS					
Control panel with touch keyboard	●	●	●	●	●
Maximum working pressure (bar)	9	9	9	9	9
Enamelled steel tank	●	●	●	●	●
Magnesium anode protector	●	●	●	●	●
CFC free polyurethane insulation	●	●	●	●	●
Empty weight (kg)	18	25	32	44	56
Finish			White RAL 9016		
ELECTRICAL CHARACTERISTICS					
Nº Heating Elements x Power (W)	2 x 1,200	2 x 1,200	2 x 1,200	2 x 1,200	2 x 1,200
Nominal power (W)	2,400	2,400	2,400	2,400	2,400
Voltage (V)	230 V ~	230 V ~	230 V ~	230 V ~	230 V ~
Current (A)	10.4	10.4	10.4	10.4	10.4
FUNCTIONALITY					
TFT Screen (1.77")	●	●	●	●	●
Manual / Automatic functions	●	●	●	●	●
ECO / Comfort / Anti-frost / New USER modes	●	●	●	●	●
Anti-legionella & temperature evolution functions	●	●	●	●	●
Screen brightness control	●	●	●	●	●
Nominal and effective power	●	●	●	●	●
Programmable 24/7 using Pad, App or Remote Control	●	●	●	●	●
PERFORMANCE AND SECURITY					
Fuzzy Logic Energy Control	●	●	●	●	●
E·Life Technology & Wi-Fi Inside	●	●	●	●	●
True Real Power & Rointe ULP32 Microcontroller	●	●	●	●	●
Wireless communication			WiFi / Two-way infrared		
Cold water entry diffuser, safety valve & safety thermostat	●	●	●	●	●
Steady state consumption (kWh/24h)	1.1	1.2	1.4	1.9	2.3
Energy certification	C	C	C	C	C
Protection grade	IP X4	IP X4	IP X4	IP X4	IP X4
PROTECTION GRADE					
004/108/EC Support Electromagnetic	●	●	●	●	●
2006/95/EC Electronic Security	●	●	●	●	●
EAN CODE	8436045913968	8436045913975	8436045913982	8436045913999	8436045914002
T.P.	**£ 693**	**£ 863**	**£ 956**	**£ 1,122**	**£ 1,273**

CE · RoHS · FC

KYROS

LOW CONSUMPTION
DIGITAL WATER HEATER

CHARACTERISTICS

LOW CONSUMPTION

The **Fuzzy Logic Energy Control** technology allows a highly efficient use of the energy and allows consumption optimizing in standby periods.

NEW INTERACTIVE MENUS

Improved interaction with the water heater thanks to the new interactive menus.

INFRARED CONNECTIVITY - SENDING AND RECEPTION

IR remote control available (optional).

Rointe KYROS system

1 Steel tank covered with **0.5mm thick porcelain enamel.**

2 **Double heating element connected in parallel**, which work individually.

3 Long lasting **magnesium protective anode.**

4 Low thermal conductivity **3cm thick Polyurethane insulation free of CFC's.**

Electronics and functionality

5 **1 circuit with SMD technology,** lithium battery and Triac relay.

6 **1.77" TFT display.**

7 **Highly sensitive** touch control panel.

▪ **Water heating progress function,** which shows the amount of hot water available.

▪ **Periodic Anti-Legionnaires function,** which eliminates bacteria from the water.

▪ **New USER mode.**

Dimensions

GUARANTEE 5 YEARS on the inner steel tank

GUARANTEE 2 YEARS on electrical components

Energy certification **C**

NO CFCs · POLYURETHANE INSULATION FOAM WITHOUT CFCs

Square range of products
KYROS water heaters · 50 - 75 - 100 L

404 mm · 404 mm · 680 mm · 900 mm · 1,150 mm

Cylindrical range of products
KYROS water heaters · 150 - 200 L

580 mm · 960 mm · 1,120 mm

FRONTAL VIEW — SIDE VIEW
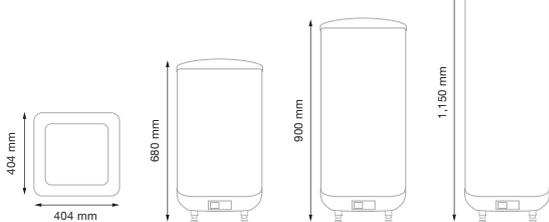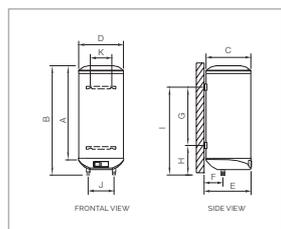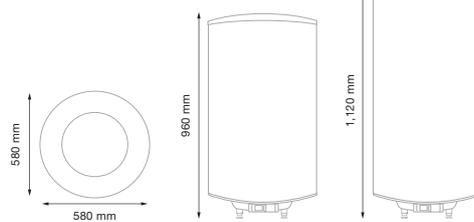
MODELS	KWI050DHW3	KWI075DHW3	KWI100DHW3	KWI150DHW3	KWI200DHW3
Volume	50	75	100	150	200
DIMENSIONS					
A (mm) - Height	640	860	1,100	900	1,070
B (mm) - Height with connections	680	900	1,150	960	1,120
C (mm) - Total height with T/P valve	780	1,000	1,250	1,060	1,220
D (mm) - Width	404	404	404	580	580
E (mm) - Depth	404	404	404	580	580
F (mm) - Installed depth	420	420	420	620	620
G (mm) - Depth from the connections to the wall	120	120	120	178	178
H (mm) - Vertical distance between fixing holes	340	573	768	595	685
I (mm) - Vert. dist. lower fixing holes & connections	130	142	192	250	250
J (mm) – Vert. dist. upper fixing holes & connections	470	715	960	845	935
K (mm) – Distance between connections	160	160	160	235	235
L (mm) – Horizontal distance between fixing holes	350	350	350	350	350
INSTALLATION					
Position			Vertical		
Water connection (inches)	1/2"	1/2"	1/2"	3/4"	3/4"
Electrolytic fittings	●	●	●	●	●
Support Tripod	non available	non available	non available	included	included
MECHANICAL CHARACTERISTICS					
Control panel with touch keyboard	●	●	●	●	●
Maximum working pressure (bar)	9	9	9	9	9
Enamelled steel tank	●	●	●	●	●
Magnesium anode protector	●	●	●	●	●
CFC free polyurethane insulation	●	●	●	●	●
Empty weight (kg)	18	25	32	44	56
Finish			White RAL 9016		
ELECTRICAL CHARACTERISTICS					
N° Heating Elements x Power (W)	2 x 1,200	2 x 1,200	2 x 1,200	2 x 1,200	2 x 1,200
Nominal power (W)	2,400	2,400	2,400	2,400	2,400
Voltage (V)	230 V ~	230 V ~	230 V ~	230 V ~	230 V ~
Current (A)	10.4	10.4	10.4	10.4	10.4
FUNCTIONALITY					
TFT Screen (1.77")	●	●	●	●	●
Manual / Automatic functions	●	●	●	●	●
ECO / Comfort / Anti-frost modes	●	●	●	●	●
New User mode & 4 different pre-installed programming	●	●	●	●	●
Anti-legionaires' disease function	●	●	●	●	●
Temperature evolution function	●	●	●	●	●
Screen brightness control	●	●	●	●	●
Nominal and effective power	●	●	●	●	●
Programmable 24/7 using keyboard or Remote Control	●	●	●	●	●
PERFORMANCE AND SECURITY					
Fuzzy Logic Energy Control & Rointe ULP8 Microcontroller	●	●	●	●	●
Wireless communication			Two-way infrared		
Cold water entry diffuser, safety valve & safety thermostat	●	●	●	●	●
Steady state consumption (kWh/24h)	1.1	1.2	1.4	1.9	2.3
Energy certification	C	C	C	C	C
Protection grade	IP X4	IP X4	IP X4	IP X4	IP X4
PROTECTION GRADE					
004/108/EC Support Electromagnetic	●	●	●	●	●
2006/95/EC Electronic Security	●	●	●	●	●
EAN CODE	8436045917416	8436045917423	8436045917430	8436045917447	8436045917324
T.P.	£ 630	£ 784	£ 869	£ 1,020	£ 1,157

CE RoHS

Basic water heaters

RB
Basic

WATER HEATER WITH EXTERNAL MANUAL ADJUSTMENT

CHARACTERISTICS

EXTERNAL MECHANICAL REGULATOR
The water heater has an external regulating wheel to select the temperature of the contained water.

WIDE RANGE OF MODELS
5 different models with capacity for 50, 75, 100, 150 and 200 litres.

OPERATING LIGHT PILOT
It includes a pilot indicator light to show when the resistance is on.

Dimensions

FRONTAL VIEW   SIDE VIEW

CE RoHS
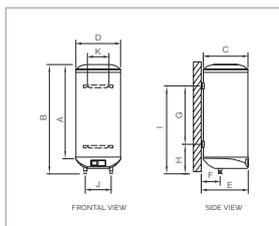
Square range of models
RB basic · 50 - 75 - 100 L

404 mm / 404 mm
680 mm / 900 mm / 1,150 mm
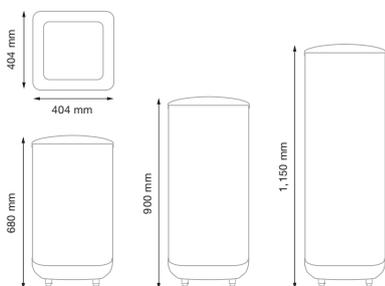
Cylindrical range of models
RB basic · 150 - 200 L

580 mm
580 mm / 960 mm / 1,120 mm
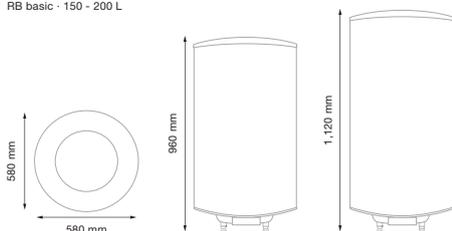
MODELS	RBI050DHW	RBI075DHW	RBI100DHW	RBI150DHW	RBI200DHW
Volume	50	75	100	150	200
DIMENSIONS					
A (mm) - Height	620	853	1,048	900	1,070
B (mm) - Height w. connections	690	936	1,176	960	1,120
C (mm) - Width	410	410	410	580	580
D (mm) - Depth	410	410	410	580	580
E (mm) - Installed depth	429.5	429.5	429.5	620	620
F (mm) - Depth from the connections to the wall	120	120	120	178	178
G (mm) - Vertical distance between fixing holes	/	/	/	490	670
H (mm) - Vert. distance lower fixing holes & connections	/	/	/	355	355
I (mm) - Vert. distance upper fixing holes & connections	620	840	1,090	845	1,025
J (mm) - Dist. betw. connections	160	160	160	235	235
K (mm) - Horz. dist. fixing holes	350	350	350	350	350
INSTALLATION					
Water connections (inches)	1/2"	1/2"	1/2"	3/4"	3/4"
MECHANICAL CHARACTERISTICS					
Max. working pressure (bar)	9	9	9	9	9
Empty weight (kg)	18	25	32	44	56
ELECTRICAL CHARACTERISTICS					
Nominal power (W)	2,400	2,400	2,400	2,400	2,400
Voltage (V)	230 V ~	230 V ~	230 V ~	230 V ~	230 V ~
Current (A)	10.4	10.4	10.4	10.4	10.4
PERFORMANCE & SAFETY					
Steady state consumption (kWh/24h)	1.1	1.2	1.4	1.9	2.3
Protection grade	IP 44	IP 44	IP 44	IP 44	IP 44
EAN CODE	8436045918055	8436045918062	8436045918079	8436045918086	8436045918093
T.P.	£ 428	£ 533	£ 591	£ 694	£ 787

Basic water heaters

RW
Basic

WATER HEATER WITH
INTERNAL MANUAL
ADJUSTMENT

CHARACTERISTICS

WIDE RANGE OF MODELS

3 different models with capacity for 50, 75 and 100 litres.

OPERATING LIGHT PILOT

It includes a pilot indicator light to show when the resistance is on.

GUARANTEE 3 YEARS on the inner steel tank

GUARANTEE 2 YEARS on electrical components

POLYURETHANE INSULATION FOAM WITHOUT CFCs · NO CFCs

MODELS	BSI050DHW	BSI750DHW	BSI100DHW
Volume	50	75	100
DIMENSIONS			
A (mm) - Height	620	853	1,048
B (mm) - Height with connections	690	936	1,176
C (mm) - Width	410	410	410
D (mm) - Depth	410	410	410
E (mm) - Installed depth	429.5	429.5	429.5
F (mm) - Depth from the connections to the wall	120	120	120
G (mm) - Vertical distance between fixing holes	/	/	/
H (mm) - Vert. distance lower fixing holes & connections	/	/	/
I (mm) - Vert. distance upper fixing holes & connections	620	840	1.090
J (mm) - Distance between connections	160	160	160
K (mm) - Horizontal distance between fixing holes	350	350	350
INSTALLATION			
Water connections (inches)	1/2"	1/2"	1/2"
MECHANICAL CHARACTERISTICS			
Maximum working pressure (bar)	9	9	9
Empty weight (kg)	18	25	32
ELECTRICAL CHARACTERISTICS			
Nominal power (W)	1,200	1,200	1,200
Voltage (V)	230 V ~	230 V ~	230 V ~
Current (A)	5.2	5.2	5.2
PERFORMANCE & SECURITY			
Steady state consumption (kWh/24h)	1.1	1.2	1.4
Protection grade	IP 44	IP 44	IP 44
EAN CODE	8436045918109	8436045918116	8436045918123
T.P.	**£ 407**	**£ 480**	**£ 532**

Dimensions

CE RoHS

FRONTAL VIEW   SIDE VIEW
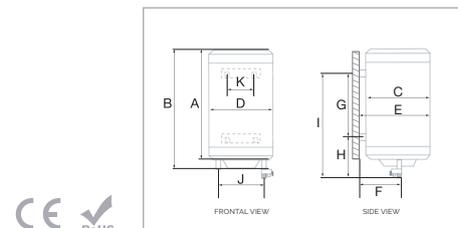
Cylindrical range of models
RW Basic · 50 - 75 - 100 L

690 mm

936 mm

1,176 mm

410 mm

GUARANTEE 2 YEARS
on accessories & controls
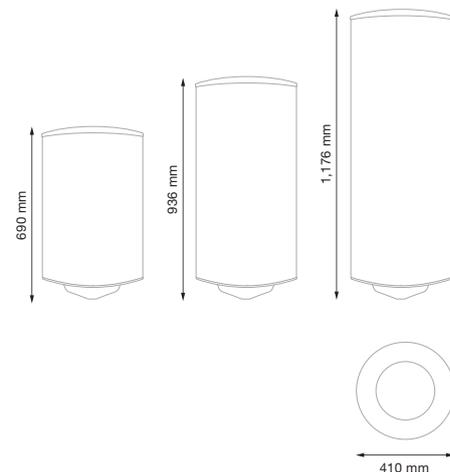
Accessories

INSTALLATION KIT

LOW CONSUMPTION DOMESTIC HOT WATER WATER HEATER

DETAILS OF THE INSTALLATION

1 - Mains cold water supply

2 - Stop cock (not supplied)

3 - Pressure reducing valve **(included)**

4-5 - Check valve - Expansion relief valve **(included)**

6 - Discharge pipe 22 mm

7 - Drain cock (not supplied)

8 - Tundish **(included)**

9 - Expansion vessel **(included)**

10 - T/P relief valve **(included)**

11 - Electrolytic fittings **(included)**

Water flow

CW to tap

Hot water outlet   Cold water inlet

300 mm MIN

100 mm MAX
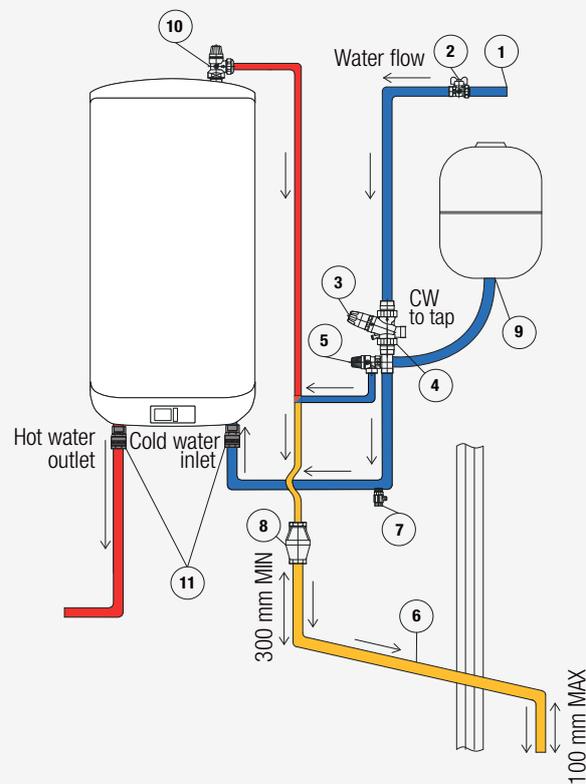
* This image is only for reference. Check the instruction manual or the Building Regulations (PART G) for specific details and accessories required to perform a proper installation. The Rointe water heaters must be installed by an installer with a valid Unvented Water Heaters Installer certification.

In the United Kingdom **it is mandatory** for all models of unvented domestic hot water heaters to be installed with an installation kit (included). This kit is composed of:

Pressure reducing & relief valves

Tundish

Expansion vessel

ⓘ Mandatory requirement
Unvented water heaters installation in the United Kingdom

The installation kit is included in all the D Series and KYROS water heaters but can also be purchased separately.

MODELS	KITKW01	KITKW02	KITKW03
Compatible with	50 / 100 L	100 / 150 L	200 L
CHARACTERISTICS			
Expansion vessel	8 litres (0.1 Mpa)	12 litres (0.1 Mpa)	18 litres (0.1 Mpa)
Tundish	15 - 25 mm	15 - 25 mm	15 - 25 mm
Pressure reducing valve	0.35 Mpa	0.35 Mpa	0.35 Mpa
Relief valve	0.60 Mpa	0.60 Mpa	0.60 Mpa
EAN CODE	8436045914330	8436045914347	8436045914354
T.P.	£ 218	£ 219	£ 227

Accessories

WATER HEATER SUPPORT

LOW CONSUMPTION
DIGITAL D.H.W.
WATER HEATERS

GUARANTEE
2 YEARS
on accessories & controls

The support kit consists of an easily assembled tripod, which has been designed for the 150 and 200 litre models.

Its use is highly recommended for situations where wall fixing isn't sufficient or can't guarantee the stability of the product due to the weight of the product when 100% full. **Installation of this product does not mean it should not be wall mounted as explained in the installation manual.**

The support tripod is included in all the D Series and KYROS 150 litre & 200 litre water heaters but it can also be purchased separately.

MODEL	TPKW001
COMPONENTS	
Legs (pcs)	3
Braces (pcs)	6
Plastic base (pcs)	3
CHARACTERISTICS	
Material	Metallic
Finish	White RAL 9016
Maximum supported weight (kg)	260
DIMENSIONS	
A (mm) - Height	625
B (mm) - Width	530
EAN CODE	8436045914323
T.P.	**£ 80**

legs

braces

A

B

plastic base
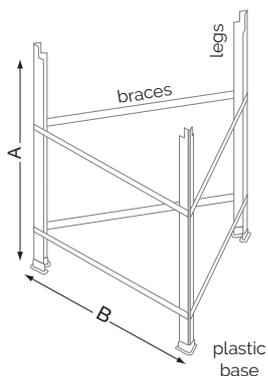
Accessories

THERMOSTATIC MIXING VALVE

LOW CONSUMPTION DOMESTIC HOT WATER WATER HEATER

Rointe sell a thermostatic mixing valve that prevents scalding the end user.

An update to Part G of Building Regulations for England and Wales requires to limit the temperature of hot water for the bath outlet, as this is deemed to **present the highest scalding risk.** This mixing valve is be capable of **keeping a precise and stable temperature**.

The thermostatic mixing valve is included in all the D Series and KYROS water heaters but it can also be purchased separately.

Dimensions
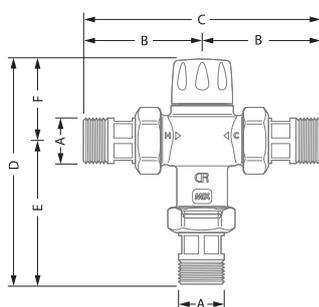
MODELS	KWVAL1814	KWVAL1815
CHARACTERISTICS		
Adjustment range	30÷50°C	
Accuracy	± 2°C	
Maximum working pressure (static)	10 bar	
Maximum working pressure (dynamic)	5 bar	
Temp maximum input	85°C	
Input Temp advised to avoid limescale	≤ 65°C	
Relationship max. between inlet pressures (C / F or F / C)	2:1	
Min. Temp. dif. betw. hot water inlet & mixed water outlet (to avoid burns)	15°C	
Min. flow rate to ensure stable temperature	4 l/min	6 l/min
Connections	1/2" Male	3/4" Male
DIMENSIONS		
A (inch)	1/2"	3/4"
B (mm)	62.5	67
C (mm)	125	134
D (mm)	126.5	127
E (mm)	81.5	82
F (mm)	45	45
MATERIALS		
Body: chrome alloy anti rust	EN 12165 CW602N	
Shutter	PSU	
Springs	Stainless steel	
INSTALLATION		
Hot and cold water valves with entry filters	●	●
SECURITY		
Scalad & regulation locking nut protection	●	●
Temperature adjustment with hexagon screw top	●	●
CERTIFICATIONS		
Standard NF 079	●	●
EAN CODE	8436045914361	8436045914378
T.P.	£ 150	£ 180

CE RoHS

The Rointe thermostatic mixing valve increases the available domestic hot water up to 70%

The other advantage of this valve is that it increases the amount of hot water available with respect to the capacity of the tank, which is defined as the equivalent volume.

This equivalent volume represents the litres of water available at 39ºC assuming that the temperature of the water which enters the tank is 15ºC and the desired temperature is 73ºC.

MODELS	AVAILABLE WATER WITHOUT MIXING VALVE (L)	AVAILABLE WATER WITH MIXING VALVE (L)
50	50	**85**
75	75	**127,5**
100	100	**170**
150	150	**255**
200	200	**340**

Installation scheme

Thermostatic mixing valve for Rointe Unvented Water Heaters

ℹ Recomendations

NHS Estate's current guidelines recommend a maximum distance of 2m from the outlet of the mixing valve to the terminal fitting, which the mixing valve is to serve.

max. 2m

73 ºC
Hot water

15 ºC
Cold water

15 ºC
Cold water

39 ºC
Mixed water

Mixed water

73 ºC
Hot water outlet
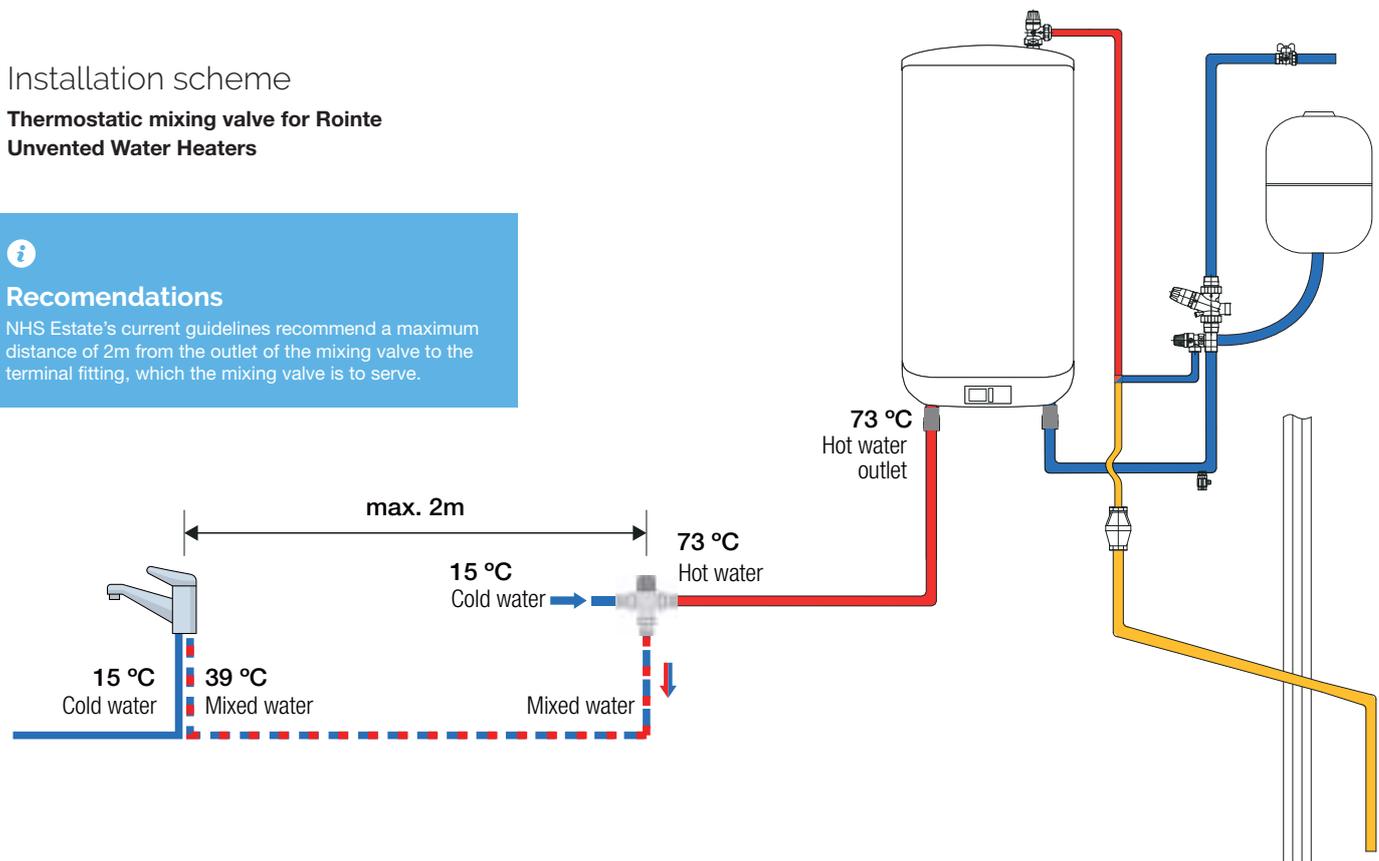
Controls

ROINTE

Control devices for **integral heating solutions**

INFRARED REMOTE CONTROL

Three remote controls to choose from either basic or advanced.

AIR Control
White

AIR Control
Soft Touch Black

BASIC Control
White

CONTROL APPLICATION

Multi-platform app available for smartphone, tablet or PC.

Rointe Connect
Application

Optimize wellness and save money with our
preprogramming.

Energy expenditure is one of the most important elements in a household budget. The preprogramming available in the new Rointe BASIC remote control and in the Rointe KYROS radiators and towel rails helps to save money without impeding the maximum comfort in the home.

These weekly programs allow you to quickly select the one that best suits according to your lifestyle, avoiding the products continual use when not needed and without the need for programming each day, generating savings by only having the heating on when needed.

4 pre-designed programs for 4 different lifestyles

- Save energy and increase efficiency
- Easy to select
- Personalized by the user

- Adaptable to each lifestyle
- Installed in KYROS radiators and towel rails and in the BASIC Control remote

Preinstalled programming accessible from these 4 buttons

A1   Common lifestyle

The heating runs after you leave for work in ECO mode and switches to COMFORT mode when you return.

Monday to Friday
0 h.   6 h.   10 h.   15 h.   23 h.   24 h.

0 h.   7 h.   11 h.   12 h.   16 h.   19 h.   23 h.   24 h.
Saturday and Sunday
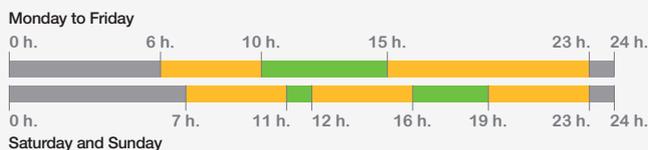
● No programming   ● ECO mode   ● COMFORT mode

A2   Split Shift

Designed for workers who work shifts or at different times of day.

Monday to Friday
0 h.   6 h.   10 h.   12 h.   15 h.   17 h.   23 h.   24 h.

0 h.   7 h.   11 h.   12 h.   16 h.   19 h.   23 h.   24 h.
Saturday and Sunday

● No programming   ● ECO mode   ● COMFORT mode

18ºC   18ºC   21ºC
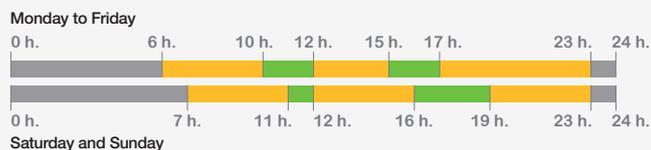
Save energy with Rointe smart programming

Thanks to programming you can get significant savings in your electric bill.

To maximise savings without affecting your comfort, it is not simply a matter of turning the heating on and off, but of setting the **desired temperature for each time and room throughout the week.**

The Rointe digital integral system allows you to program your heating systems exactly according to your lifestyle and daily needs.

For example, you can select a schedule with more hours in COMFORT mode in spaces such as the living room or kitchen, where you spend most of the day. On the contrary, in other areas such as the bedroom which are usually only for night-time rest, **it is much smarter to set lower temperatures in the ECO mode.**

With the personalized programming of our products, you can create different environments within each home. **This is what we call smart programming.**

A3   Home life

The heating system keeps the temperature of the house stable throughout the day for those that spend most of their time at home.

Monday to Sunday

0 h.   6 h.   23 h.   24 h.

● No programming   ● ECO mode   ● COMFORT mode

A4   Office

Desgined for premises or offices where most of the activity is done throughout the day.

Monday to Friday

0 h.   7 h.   18 h.   23 h.   24 h.

0 h.   7 h.   23 h.   24 h.

Saturday and Sunday
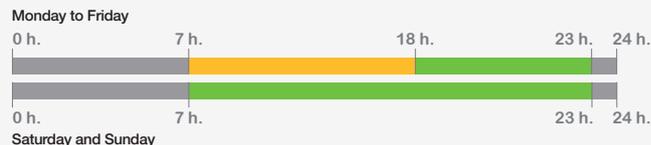
● No programming   ● ECO mode   ● COMFORT mode

AVAILABLE FINISHES

○ White RAL 9016

● Soft touch black

GUARANTEE 2 YEARS on accessories & controls

INFRARED

AIR Control

BI-DIRECTIONAL
INFRARED REMOTE
CONTROL

Electronics and functionality

- **Two way communication** using infra-red. Send and receive.
- **SMD electronics** and advanced control technology.
- **1.77" TFT Screen.**
- **Compact mechanical keypad.**
- **Complete functionality** to control your Rointe heating system.

Compatability

- The AIR Control remote control is **compatible with the D Series and KYROS products.**

Accessories
Wall Support

The Rointe AIR Control remote control **includes a transparent, modern and elegantly designed wall support.**

FRONTAL VIEW   SIDE VIEW
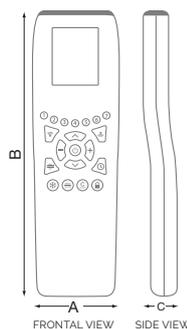
MODEL	ACMI120	ACMIB120
DIMENSIONS		
W (mm) - Width	54	54
H (mm) - Height	177	177
D (mm) - Depth	21	21
MECHANICAL CHARACTERISTICS		
Weight (grs)	115	115
Finishes	White RAL 9010	Black soft touch
Cover material	PC/ABS	PC/ABS
Range operating temperature	-20 to 55 °C	-20 to 55 °C
ELECTRICAL CHARACTERISTICS		
Battery type	2 x 1.5 AAA	2 x 1.5 AAA
COMUNICATION		
Wireless IR.	●	●
Transmitting - range (m)	3	3
Reception - range (m)	1	1
INSTALLATION		
Installed depth with support (mm)	25	25
FUNCTIONALITY		
TFT screen (1.77")	●	●
24 hours / 7 days programmer	●	●
Manual / automatic function	●	●
Remote memory lock - heating and D.H.W.	●	●
Erasing programming memory	●	●
Screen brightness control - On / Stand-by mode	●	●
Display nominal and effective power	●	●
ADVANCED FUNCTIONS		
Display consumption time, software version & battery level	●	●
Reset to initial default settings function	●	●
APPLICABLE REGULATIONS		
CE & ROHS	●	●
EAN CODE	8436045914286	8436045914569
T.P.	**£ 135**	**£ 150**

CE ✓ RoHS

Electronics and functionality

- **Communicates via infrared** up to a distance of 3m.
- **SMD electronics** and advanced control technology.
- **1.77" TFT Screen.**
- **Compact mechanical keypad.**
- **Four quick access buttons** for pre-installed programs.

AVAILABLE FINISHES

White RAL 9016

GUARANTEE 2 YEARS
on accessories & controls

INFRARED

BASIC Control

INFRARED REMOTE CONTROL

Compatability

- The BASIC Control remote control **is compatible with the KYROS ranges.**

Pre-programs

The BASIC Control remote control has **4 buttons with 4 pre-installed programs ready for use.** By simply pushing a button the user can choose the most appropriate program according to their lifestyle.

MODEL	BCMI100
DIMENSIONS	
A (mm) - Width	58
B (mm) - Height	155
C (mm) - Depth	16
MECHANICAL CHARACTERISTICS	
Weight (grs)	98
Finish	White RAL 9010
Cover material	PC/ABS
Range operating temperature	-20 to 55 ºC
ELECTRICAL CHARACTERISTICS	
Battery type	2 x 1.5 AAA
COMUNICATION	
Transmitting - range (m)	3
Reception - range (m)	Not available
FUNCTIONALITY	
TFT screen (1.77")	●
24 hours / 7 days programmer	●
Manual / automatic function	●
Remote memory lock - heating and D.H.W	●
Pre-programmed keys	●
Erasing programming memory	●
Screen brightness control - On / Stand-by mode	●
Display nominal and effective power	●
ADVANCED FUNCTIONS	
Display consumption time, software version & battery level	●
Reset to initial default settings function	●
APPLICABLE REGULATIONS	
CE & ROHS	●
EAN CODE	8436045915863
T.P.	£ 85

FRONTAL VIEW   SIDE VIEW

CE   RoHS

Rointe Connect

MULTI-PLATFORM CONTROL APP

Compatibility

- The Rointe Connect app **is compatible with all the products in the D Series range and with the control thermostat of the Rointe Smart Touch underfloor heating.**

Compatible with the Rointe Smart Touch thermostat

Functionality

- App for iOS, Android and web for other systems.

- App available for mobile, tablet or PC.

- Statistics available: consumption, savings, temperatures etc.

- Ability to configure a single product, floor levels, whole houses or offices.

- Control 24/7 from anywhere that has internet access.

VERSION	V 1.0.
COMMUNICATION	
Wireless Via Wi-Fi	●
PLATFORMS	
iOS 8.0 or higher & Android 4.0 or higher	●
Web (Google Chrome, Mozilla Firefox, Internet Explorer, Opera)	●
FUNCTIONS	
Alter the temperature	●
Programable 7 days a week/24 hours a day	●
Function Manual / Automatic	●
Remote control lock – Heating	●
Light and colour display change	●
View nominal and effective power	●
Open windows mode / User Mode	●
Statistics control - Temperature, power consumption, savings	●
Product pairing & management	●
Individual or zone control	●
Push notifications (coming soon)	●
LANGUAGES	
English, French, Portuguese & Spanish	●

Pairing process

D Series products and Rointe Connect control application for iOS

The pairing of the D Series products is a short and simple process that allows control, from the chosen device (s), all the radiators, towel rails and water heaters that form an installation. Unlike many other products on the market, the pairing of the D Series products consists of only 4 steps and does not require previous computer knowledge, since it is designed so that any type of user or installer is able to do it easily.

1

Download the Rointe Connect App
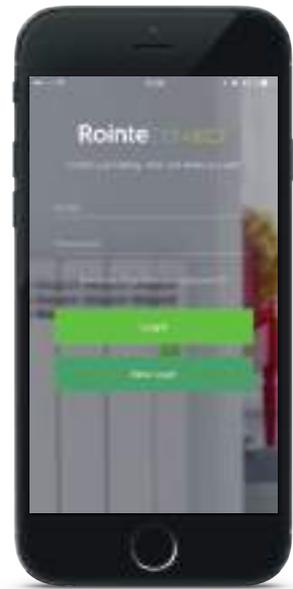
Download and install the Rointe Connect app from the app store on your smartphone. Available on Google Play for Android and on the App Store for iOS.

Once the app is installed, register as a new user and log in.

2

Creation of the installation and zones

Once the session is started, click on the **+** button to create a new installation. From here, the wizard will guide you through the process: enter a name for the installation, select its location, choose the time zone and customize it by choosing a colour and an icon. Subsequently, add as many areas as necessary.

3

Starting Pairing Mode

1 - In the application, you will access the final zone in which you want to match the product (i.e. living room). Press the menu button (● ● ●) and select the 'Add product' option. The wizard will guide you through the process.

2 - In the settings of your smartphone, you will connect to the Wi-Fi network of the place where the D Series product has been installed. Please enter the password in the application when requested.

4

Final connection - product & application

1 - When you activate the pairing mode, the product creates a Wi-Fi network of its own to which you will connect. To do this, we will access the settings of your smartphone and connect to the network that the product has generated with the network name (NET :) and the password (PIN :).

2 - You return to the application and check that you are connected to the product.

3 - On the product, press the menu key on the control panel (≡). The main menu screen will appear, where you will select the tools option (⚒) and once inside the option Wi-Fi (📶).

The product screen will change its colour to red, indicating that you have successfully activated the pairing mode.

If the process is successful, the product will restart. Finally, click on 'check device' to ensure that the connection has been successful.

Do you need help to pair products?

Visit our YOUTUBE channel and watch our videos!

https://rointe.co.uk/connect

Sizing,

example of calculation and case studies

The **most efficient** comfort and well-being

SIZING

The sizing is the base on which the correct distribution of Rointe radiators in a home or business is based to achieve the perfect balance between comfort and efficiency, depending on the climatic zone in which the property is located and consumption estimates according to the established calculation by Rointe.

CALCULATION EXAMPLE

Example of the sizing of radiators and water heater for an 80m^2 property in a cold climatic zone.

SUCCESS STORIES

Testimonials and case studies of installations carried out with Rointe radiators, towel rails and water heaters.
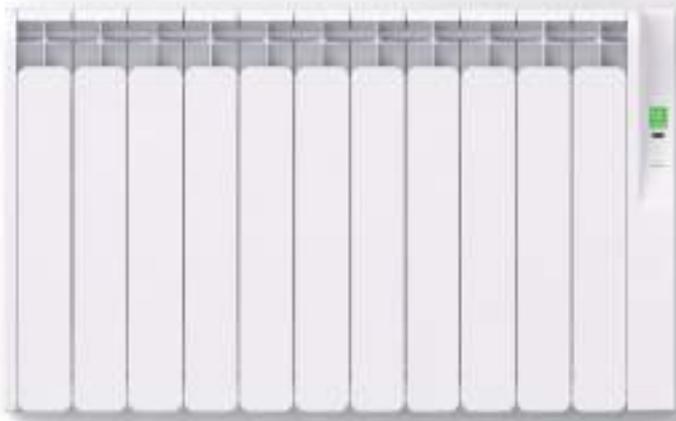
Radiator sizing

R.T.C.

ROINTE THERMAL COEFFICIENT
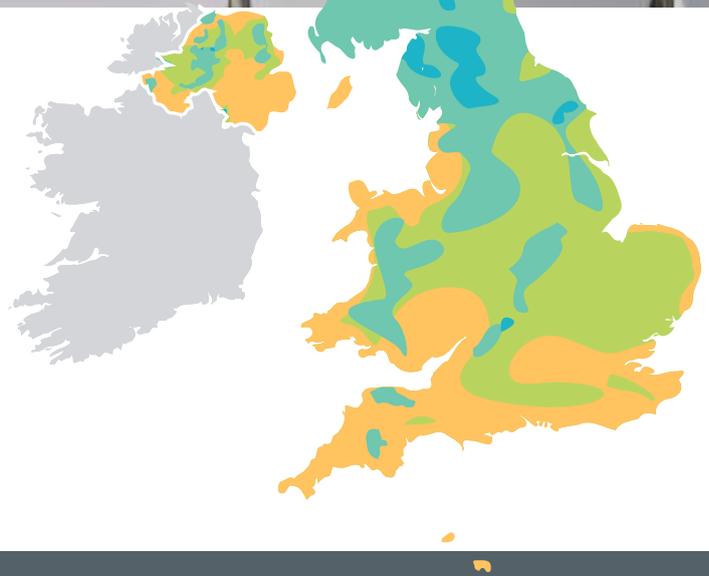
Rointe´s projects and technical studies department

Rointe shares with all its installers and wholesalers the **Rointe Projects Department**, made up of specialized engineers, who are personally responsible for calculating the number of elements required for each installation, according to the user heating needs. With this service, we make it possible for our customers to carry out complete technical studies with consumption comparisons that help them when presenting their Rointe installation services to any user.

For example, if we want to obtain the **R.T.C.** of a cold zone:

$$\frac{476 \ BTU/h \ m^2}{595 \ BTU/h \ m^2} = 0'80 \ elements/m^2$$

The R.T.C. is a coefficient developed by Rointe that calculates between the number of elements necessary for a residence and its square meters and geographical area. With the proper sizing using the corresponding R.T.C. you will obtain the most balanced consumption.

$$\frac{\text{ZONE CLIMATE COEFFICIENT}}{\text{ELEMENT PERFORMANCE COEFFICIENT}} = \textbf{R.T.C}$$

To calculate the required radiators, we have to distinguish between m² and m³. For ceilings with a height lower than 3 meters we will use the R.T.C. (m²). For ceilings with a height higher than 3 meters we will use the R.T.C. (m³).

R.T.C. ⊗ m² ⊜ NECESSARY ELEMENTS

R.T.C. ⊗ m³ ⊜ NECESSARY ELEMENTS

Weather	Climatic Coefficient		Height less than 3 m R.T.C (m²)	Height more than 3 m R.T.C (m³)
Mild	436 BTU/h m²	139 BTU/h m³	0.75 elements/m²	0.23 elements/m³
Cold	476 BTU/h m²	159 BTU/h m³	0.80 elements/m²	0.26 elements/m³
Very Cold	516 BTU/h m²	179 BTU/h m³	0.85 elements/m²	0.30 elements/m³
Extra Cold	556 BTU/h m²	198 BTU/h m³	0.90 elements/m²	0.33 elements/m³

Rointe

SIZING
Radiator recommended by square meter and climatic zone.

Examples of calculations already made based on the number of elements, area and climatic zone can be found in the following tables:

KYROS AND D SERIES RADIATORS

Reference tables for radiators with **ODD ELEMENT DISTRIBUTION**

Calculation m² - ceiling height less than 3 meters

Weather	MILD	COLD	VERY COLD	EXTRA COLD
BTU/h m²	436 BTU/h m²	476 BTU/h m²	516 BTU/h m²	556 BTU/h m²
C.T.R.	0.75 elem./m²	0.80 elem./m²	0.85 elem./m²	0.90 elem./m²
3 elem.	Up to 4 m²	Up to 4 m²	Up to 4 m²	Up to 3 m²
5 elem.	Up to 7 m²	Up to 6 m²	Up to 6 m²	Up to 6 m²
7 elem.	Up to 10 m²	Up to 9 m²	Up to 8 m²	Up to 8 m²
9 elem.	Up to 12 m²	Up to 11 m²	Up to 11 m²	Up to 10 m²
11 elem.	Up to 15 m²	Up to 14 m²	Up to 13 m²	Up to 12 m²
13 elem.	Up to 18 m²	Up to 16 m²	Up to 15 m²	Up to 15 m²
15 elem.	Up to 20 m²	Up to 19 m²	Up to 18 m²	Up to 17 m²

Calculation m³ - ceiling height more than 3 meters

Weather	MILD	COLD	VERY COLD	EXTRA COLD
BTU/h m³	139 BTU/h m³	159 BTU/h m³	179 BTU/h m³	198 BTU/h m³
C.T.R.	0.23 elem./m³	0.26 elem./m³	0.30 elem./m³	0.33 elem./m³
3 elem.	Up to 15 m³	Up to 13 m³	Up to 11 m³	Up to 10 m³
5 elem.	Up to 23 m³	Up to 21 m³	Up to 18 m³	Up to 16 m³
7 elem.	Up to 32 m³	Up to 28 m³	Up to 25 m³	Up to 22 m³
9 elem.	Up to 41 m³	Up to 36 m³	Up to 31 m³	Up to 28 m³
11 elem.	Up to 50 m³	Up to 44 m³	Up to 38 m³	Up to 34 m³
13 elem.	Up to 58 m³	Up to 51 m³	Up to 45 m³	Up to 40 m³
15 elem.	Up to 67 m³	Up to 59 m³	Up to 51 m³	Up to 46 m³

Reference table for KYROS conservatory radiators

11 elem.	Up to 9 m²	Up to 8 m²	Up to 7 m²	Up to 7 m²
13 elem.	Up to 10 m²	Up to 9 m²	Up to 9 m²	Up to 8 m²
15 elem.	Up to 12 m²	Up to 11 m²	Up to 10 m²	Up to 9 m²

11 elem.	Up to 27 m³	Up to 24 m³	Up to 21 m³	Up to 19 m³
13 elem.	Up to 32 m³	Up to 28 m³	Up to 25 m³	Up to 22 m³
15 elem.	Up to 37 m³	Up to 32 m³	Up to 29 m³	Up to 26 m³

Recommendations for **correct sizing.**

- In areas that contain stairs or corridors and there is a high risk of heat loss, we recommend that the result be **increased by 15%.**

- As kitchens are areas with a lot more furniture and a generally higher room temperature, we recommend that the result be **decreased 10%.**

- **Avoid placing obstacles near the radiators and distribute them evenly in the room**. For example, if a room of 21m² needs 18 elements, the ideal radiators to install would be 2 of the 9 elements radiators with an equidistant separation between them.

Sizing
Towel rails recommended by area

D SERIES TOWEL RAILS

White, graphite forge effect, RAL colour and chrome models

AREA	POWER	FINISH	MODEL		
Up to 3 m²	300 W	White Graphite forge effect RAL Colour	DTI030SEW	DTI030SEB	DTI030SER
Up to 5 m²	450 W		DTI045SEW	DTI045SEB	DTI045SER
Up to 7 m²	600 W		DTI060SEW	DTI060SEB	DTI060SER
Up to 10 m²	750 W		DTI075SEW	DTI075SEB	DTI075SER
Up to 2 m²	300 W	Chrome	DTI030SEC		
Up to 4 m²	300 W		DTI045SEC		
Up to 6 m²	450 W		DTI060SEC		
Up to 8 m²	600 W		DTI075SEC		

KYROS TOWEL RAILS

White and chrome models

AREA	POWER	FINISH	MODEL
Up to 3 m²	300 W	White	KTI030SEB3
Up to 5 m²	500 W		KTI050SEB3
Up to 7 m²	750 W		KTI075SEB3
Up to 10 m²	1,000 W		KTI100SEB3
Up to 2 m²	300 W	Chrome	KTI030SEC3
Up to 4 m²	300 W		KTI050SEC3
Up to 6 m²	500 W		KTI075SEC3
Up to 8 m²	750 W		KTI100SEC3
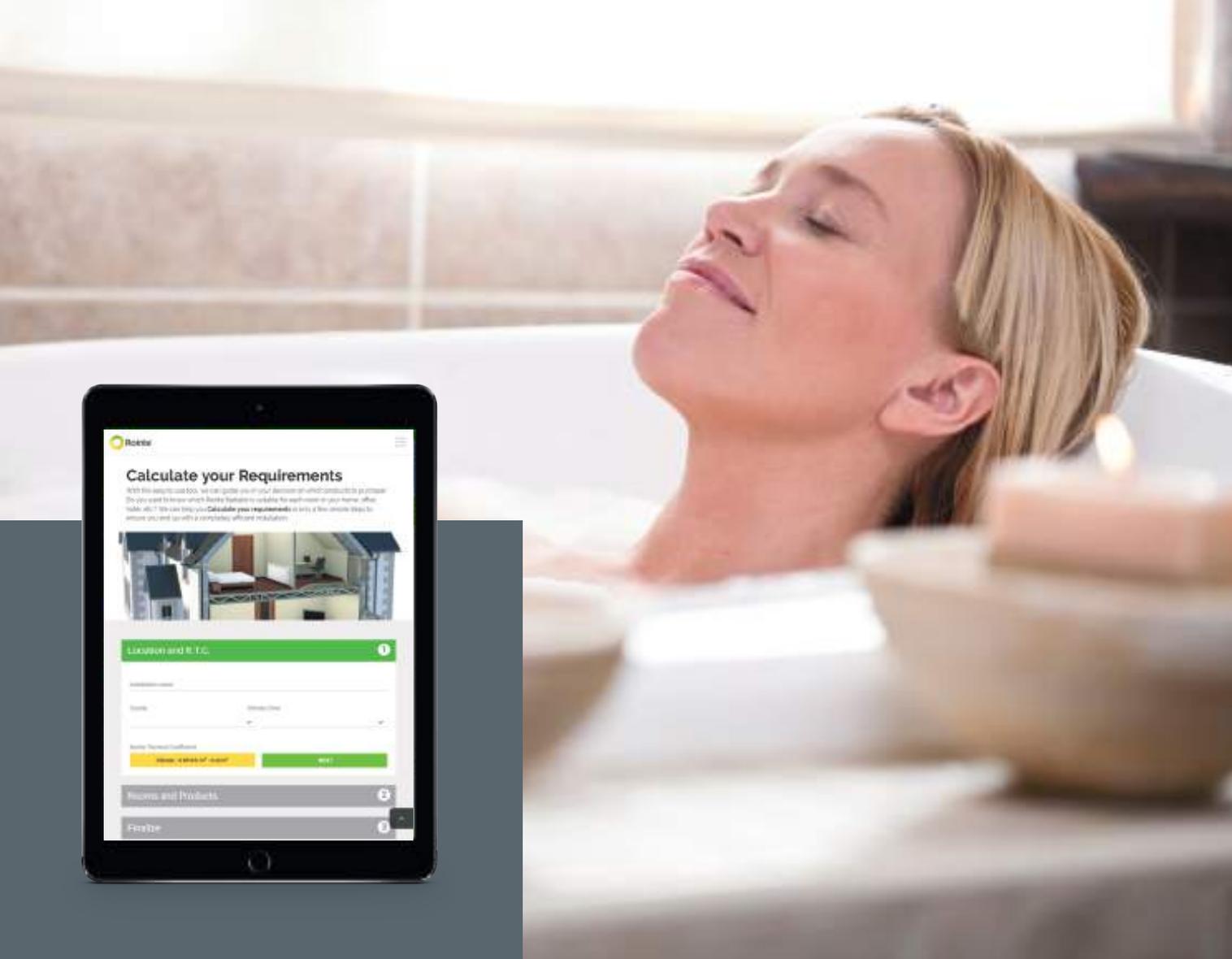
Sizing
Recommended water heater according to the usage and/ or number of users

ROINTE UNVENTED WATER HEATERS

D Series, KYROS, RB Basic and RW Basic

Sizing by users

SIZE	USERS	EQUIPMENT
50 L	1-2	Washbasin / Sink / Shower
75 L	2-4	Washbasin / Sink / Shower
100 L	2-5	Washbasin / Sink / Small bathtub
150 / 200 L	3-6	Washbasin / Sink / Shower / Small bathtub

Calculation
example

Heating + domestic hot water

House of 80 m² in a cold climate zone

Estimated calculation of a house with 80m² with D Series radiators, in a cold climatic zone, with a usage during the day/night for 12 twelve hours at a set temperature of 21ºC.

Type	Heating
Sizes	80 m²
Rooms	3 bedrooms, kitchen, living room and bathroom
Climatic zone	Cold (0.8 elements/m²)
Heating system	D Series heating system

Calculation example in m² (ceiling height less than 3 meters)

ROOM	M²	RTC	Nº OF ELEMENTS	PRODUCTS	NOMINAL POWER	CONSUMPTION COEFFICIENT RATIO	EFFECTIVE POWER
Living room	19	0.80	15	1 X DIW1600RAD	1,600 W	38%	608.00 W
Kitchen	14	0.80	11	1 X DIW1210RAD	1,210 W	38%	459.80 W
Corridor	9	0.80	7	1 X DIW0770RAD	770 W	38%	292.60 W
Bedroom 1	14	0.80	11	1 X DIW1210RAD	1,210 W	38%	459.80 W
Bedroom 2	9	0.80	7	1 X DIW0770RAD	770 W	38%	292.60 W
Bedroom 3	9	0.80	7	1 X DIW0770RAD	770 W	38%	292.60 W
Bathroom	6	0.80	5	1 X DIW0550RAD	550 W	38%	209.00 W
Heating	**80 m²**		**63**	**7**	**6,880 W**	**38%**	**2,614.40 W**

D Series radiators: calculation of the effective power

With the D Series radiator, to maintain a stable temperature of 21ºC for 12 hours, we only need an equivalent coefficient of consumption of 38% of its nominal power.

See explanation of coefficient on page 16.

NOMINAL POWER		CONSUMPTION COEFFICIENT RATIO		EFFECTIVE POWER
6,880 W	⊗	38%	⊜	2.61 kW

EFFECTIVE POWER		HOURS OF HEATING		UNIT RATE		DAILY COST	MONTHLY COST
2.61 kW	⊗	12 h	⊗	£ 0.12 kWh	⊜	£ 3.76	£ 112.94

*£ 112.94 / 80 m² = £ 1.41 / m² / month **

* Result obtained by dividing the monthly cost obtained in the previous example between the m² of the installation. Remember that these are approximate calculations and should be considered as average. For correct dimensioning, it is necessary to carry out a detailed and personalized technical study of the installation, done by Rointe through an official installer.

Electricity rates according to the UK averages published by DECC. Prices do not include VAT.
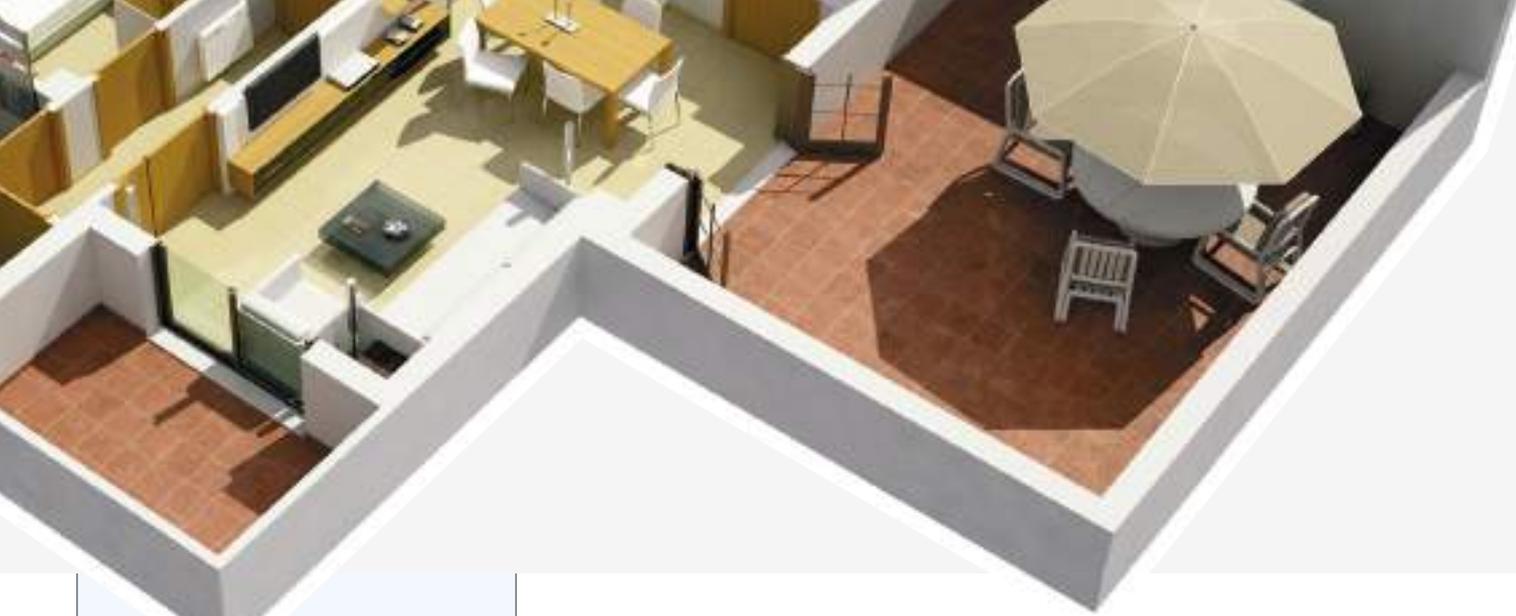
Type	Domestic hot water
Users	4 people
Litres/day	120 L (30 litres/person)
Volume water heater	100 L
Volume with the mixing valve (included)	170 L
Heating system	Rointe D Series heating system

Domestic hot water
for 4 users

Calculation made with the thermostat operating 24 hours and with a consumption profile of 120 litres/day (30 litres per person) and a set temperature of 73ºC.

Calculation example in litres per user

PRODUCTS	VOLUME	VOLUME WITH THE MIXING VALVE	NOMINAL P.	EQ. COEFF. OF CONSUM.	EFFECTIVE P.
DWI100DHW	100 L	170 L	2,400 W	19%	456.00 W

D Series water heater: calculation of the effective power

With the 100 litre D Series water heater, if we set a temperature of 73ºC and we have a daily consumption of 120 litres per day, **we only need an equivalent coefficient of consumption of 19%.** See explanation of coefficient on page 16.

NOMINAL POWER		CONSUMPTION COEFFICIENT RATIO		EFFECTIVE POWER
2,400 W	⊗	19%	=	0.456 kW

EFFECTIVE POWER		HOURS OF HEATING		UNIT RATE		DAILY COST	MONTHLY COST
0.456 kW	⊗	24 h	⊗	£ 0.12 kWh	=	£ 1.31	£ 39.30

£ 39.30 / 4 people = £ 9.83/person/month *

* Result obtained by dividing the monthly cost obtained in the previous example by 4 people. Remember that these are approximate calculations and should be considered as averages. For correct dimensioning, it is necessary to carry out a detailed and personalized technical study of an installation by Rointe or an authorized installer.

Electricity rates according to the UK averages published by DECC. Prices do not include VAT.

Projects, testimonials and
case studies

- SoHostel London
- Morton-H. Design & Build
- Individual homes

D SERIES RADIATORS

Guest well being under control.

The London SoHostel, located in the center of the capital, required an efficient heating system to install in the rooms that are frequently occupied, which could also be easily controlled from reception.

In addition, another of the specific requirements was that the radiators could be locked to avoid any guests from modifying the parameters on the radiators.

THE SOLUTION

Once the technical study and the sizing were complete, the D Series connected radiators were chosen for this installation. Several radiators were installed in different rooms to all connect directly to the Wi-Fi on the premises of the hostel.

THE RESULT

The guests of the hostel now enjoy comfort in their rooms throughout winter. Thanks to the remote lock, programming and the central controls from reception, the hostel ensures the maximum well-being for its guests and the highest energy efficiency without spending a penny more than neccessary.

Project	SoHostel · London
Type of project	Private
Location	Soho District, London
Client	SoHostel
Heating system	Rointe D Series heating system

D SERIES TOWEL RAILS

Style and comfort in the bathroom.

Morton-Hunte design and build, an exclusive housing developer, were looking for a high performance heating system to install in their new luxury housing development at Godalming.

Its electrical installer recommended the new Rointe D Series system for its quality, design and finishes, high efficiency and the unbeatable mobile connectivity it offers.

THE SOLUTION

Based on these premises, at Rointe we conducted a technical study to assess the calorific needs of each room, recommending, in this way, the right size product for each of the rooms. In the bathroom Chrome D Series towel-rails were installed, which fit perfectly with the décor and style of the room.

THE RESULT

The owners of the flats of this new housing development now enjoy all the benefits of the connected Rointe heating system in their home, being able to control all the products in their homes easily, anytime and from anywhere with their smartphone.

Project	Luxury housing promotion
Type of project	Private
Location	Godalming, Surrey, United kingdom
Client	MORTON-HUNTE DESIGN & BUILD
Heating system	Rointe D Series heating system
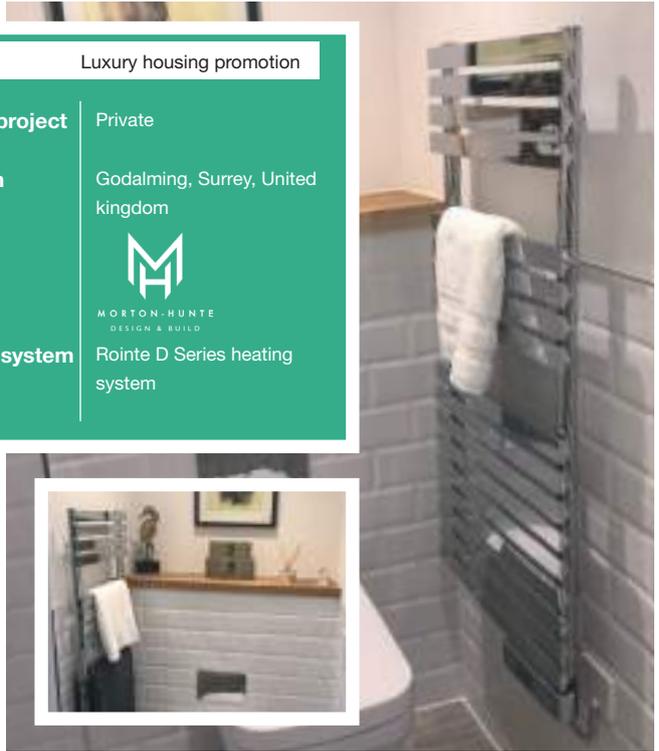
HEATING CONNECTED WITH INDIVIDUALIZED MANAGEMENT FOR EACH HOUSE

The installation of the D Series connected heating system allows every house to have a fully automated system with remote mobile management, which has increased the quality of the development and the interest of the buyers.

D SERIES D.H.W WATER HEATERS

Hot water on demand.

One particular requirement for this user was the installation of a D.H.W water heater to cover the needs of the family and visitors to their holiday home. Being installed in a holiday residence and for weekends, the user wanted the possibility of being able to turn on and control the product at any time and place, without having to physically be present at the property. His greatest wish was to be able to turn the water heater on before he arrived and switch it off when he left after the weekend.

THE SOLUTION

Based on the customers requirements, the decision was taken to install a Rointe D Series 100 litre water heater, capable of being controlled by a smartphone anytime, anywhere. In addition, to increase the volume of water available and to improve energy efficiency, the energy saving kit was included in the installation.

THE RESULT

The client enjoys domestic hot water for each trip, being able to control their water heater whenever and wherever they want. In addition, thanks to the installation of the energy saving kit, they can enjoy up to 40% more hot water with the same energy consumption.

Project	Private House
Type of project	Private
Location	El Campello, Alicante, Spain
Client	Private customer
Heating system	Rointe D Series water heater
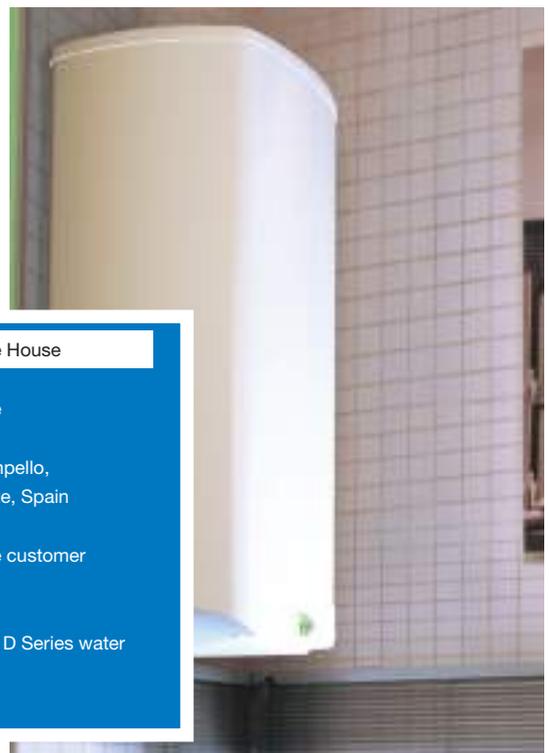
Other Rointe
electric
heating solutions
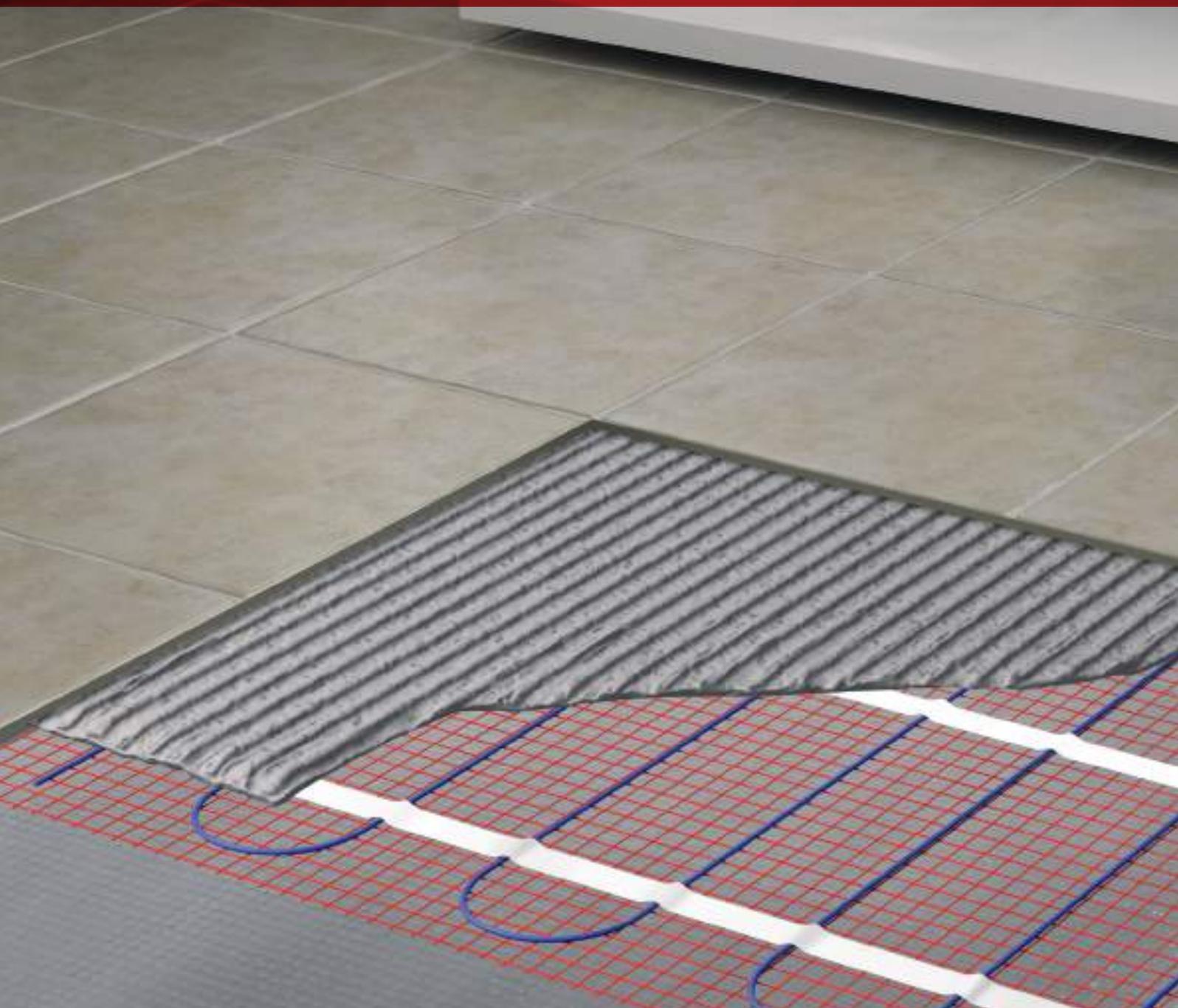
Underfloor
heating
systems

Underfloor heating

ROINTE

Rointe alternative heating solutions

ℹ THE NEW ROINTE HEATING SOLUTION

Discover the three new underfloor heating solutions which Rointe has designed to cope with the growing demand for this type of system in Europe.

Available in 3 models (ultra-thin, pvc, foil) it is perfect to obtain

comfort and welfare that could never have been imagined.
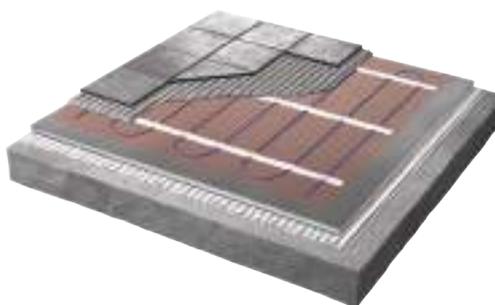
✂ INSTALLATION

Underfloor heating for different types of covering: ceramic or wooden.

ATRIA easy·fit	MILOS pvc	ERKO foil
Ceramic floors	Ceramic floors	Heating sheets for
Heating cable of just	Heating cable of just	parquet, wooden or
1.8mm thickness.	3mm thickness.	carpeted floors.

Rointe underfloor heating
the best complement for your system.

The Rointe electric underfloor heating systems use BEAB approved ultra thin heating elements to provide real comfort from the floor surface. Rointe fluoropolymer floor heating wires are ultra thin and do not raise floor levels.

COMFORT

- Stable temperature

- Ideal when combined with other Rointe heating systems

- **Soft and comfortable warmth**

- Ideal for those people who want to maintain aesthetics of their rooms

- Low air speed
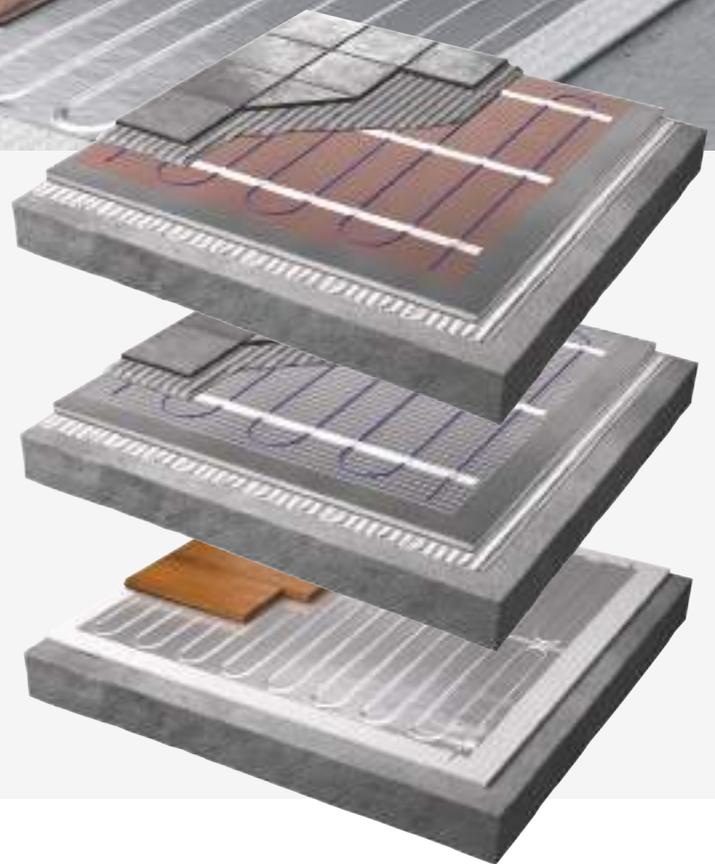
MIXED HEAT DISSIPATION

The heat dissipation of the Rointe underfloor heating products is made up of a perfect mix of radiation and convection.

The majority of the heat is produced by vertical radiation from the bottom upwards. The remaining heat is produced by natural air convection when the air comes into contact with the warm floor of the room.

CONNECTIVITY

CONTROL AT HOME & AWAY FROM HOME

Wi-Fi

- The system is controlled by Wi-Fi via the Rointe Connect App.

Rointe

Download on the App Store

Google Play

Available in Web App

CONNECTIVITY AT HOME

- The system can be controlled via a digital thermostat.

DESIGN

INVISIBLE HEATING SYSTEM

Rointe underfloor heating systems provide comfort and well-being without installing heating products on the walls.

That's why this type of heating systems are ideal for those users who because of aesthetics, don't want to see radiators hung in their home.

IPX7

All Rointe underfloor heating systems have an IPX7 protection degree against dust and waterproof mesh.

BEST INSULATION

The special fluoropolymer insulation of the conductive wire of the Rointe underfloor supports higher temperatures than the Teflon / PVC FEP.

10 YEAR GUARANTEE

The Rointe floor systems have a 10 year guarantee and comply with all the regulations in force for heating products at national and international level.

Ceramic floors

ATRIA
Ultra-thin

ULTRATHIN
UNDERFLOOR
HEATING SYSTEM
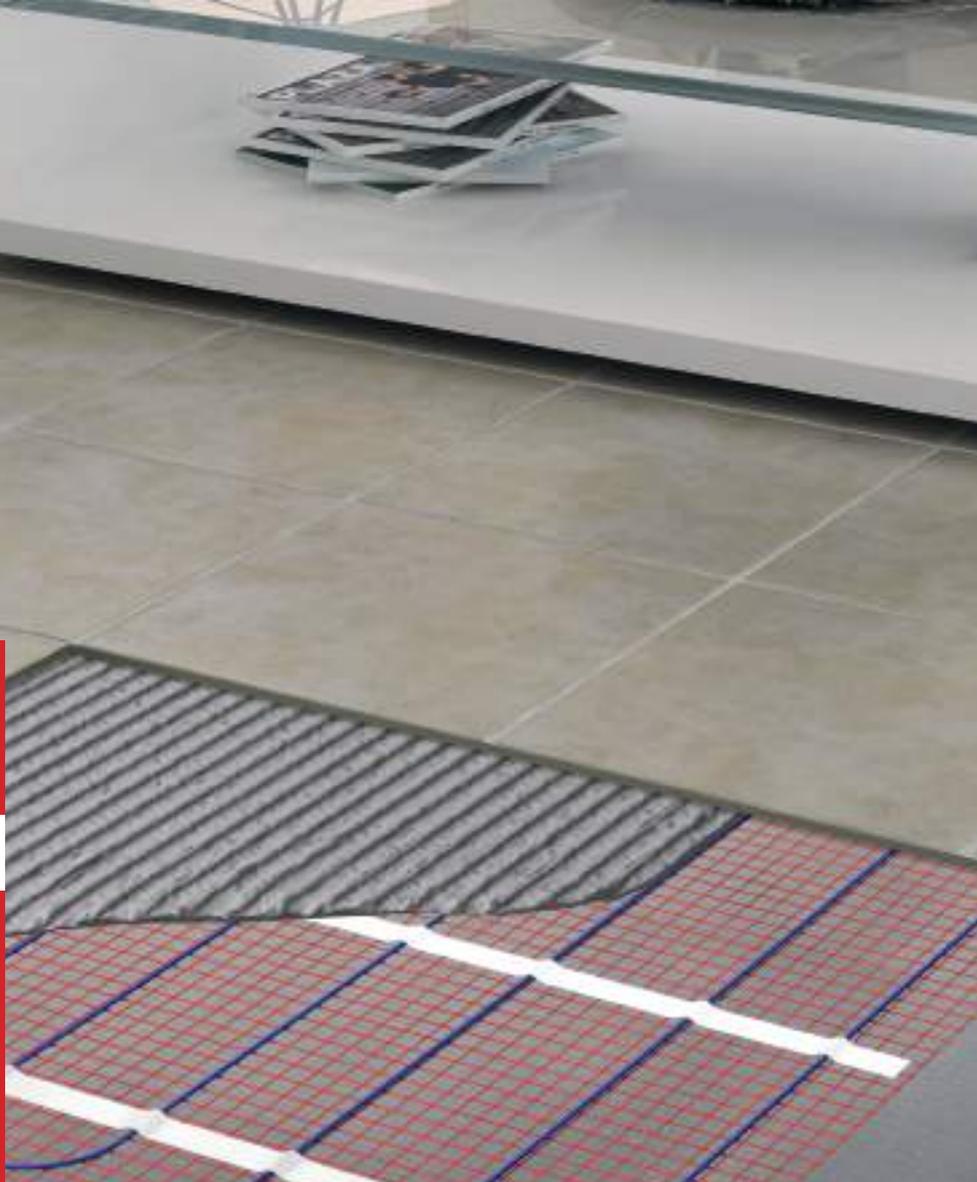
Control Thermostats

SMART Touch
Wi Fi
Intelligent digital thermostat with Wi-Fi connection.

Compatible with Rointe Connect App

EASY Touch
Programmable digital thermostat.

CHARACTERISTICS

THE THINNEST UNDERFLOOR HEATING ON THE MARKET
Underfloor heating with the thinnest bi-conductive heating cable – only 1.88mm thick.

MOVEABLE ADHESIVE MESH
Unlike other underfloor heating systems which are fixed using adhesive strips, the Rointe ATRIA Ultra-thin has a fine adhesive over the whole surface making it easy to move without losing the suction.

MESH ADAPTABLE TO UNEVEN SURFACES
Rointe ATRIA Ultra-thin can be fitted quickly and is 100% adaptable to whichever type of room thanks to the adhesive mesh which offers a better fixation including areas which are uneven ensuring that no part of the mesh comes unstuck when laying tiles on top.

Mechanical characteristics

- Inner/outer insulation: Fluopolymer **ECTFE** more resistant than FEP/PVC.

- Earth protection: **Copper wire** which is more resistant than the standard aluminium ones.

- Space between cables: **80 mm.**

- Width of mesh: **500 mm (0.5 m).**

Electronic characteristics

- Supply: 220-240v : 50 Hz.

- **Mesh thickness: 3 mm (1.8 mm diameter cable)**

- Bi-conductor cable which is flexible so avoids damage if the mesh is doubled.

- Length of the cable: **Coldtail 3 m.**

- **Power: 150 W/m².**

The Rointe **ATRIA Ultra-thin** mesh has a **10 year guarantee** and **REPLACEMENT GUARANTEE**: if the mesh is accidently damaged during the installation, Rointe will replace it free of charge (Check conditions on page 115).

Installation design
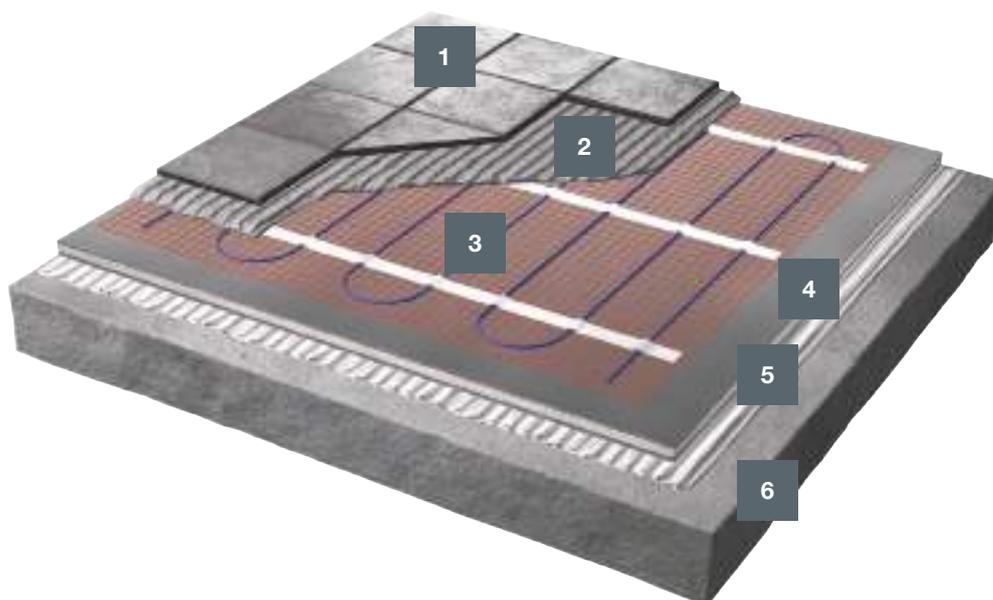
1. Tiles
2. Flexible adhesive
3. ATRIA Ultra-thin heating mesh
4. Insulation sheet
5. Flexible cement
6. Floor basement

Dimensions

MODEL	HEATING AREA (M²)	WIDTH X LENGTH (M)	WATTS (W)	AMPS	OHMS	EAN CODE	T.P.
MSIECT010	1	2 x 0.5	150 W	0.65	353	8436045918383	£ 89
MSIECT015	1.5	3 x 0.5	225 W	0.98	235	8436045918390	£ 112
MSIECT020	2	4 x 0.5	300 W	1.30	176	8436045918406	£ 130
MSIECT025	2.5	5 x 0.5	375 W	1.63	141	8436045918413	£ 159
MSIECT030	3	6 x 0.5	450 W	1.96	118	8436045918420	£ 186
MSIECT035	3.5	7 x 0.5	525 W	2.28	101	8436045918437	£ 207
MSIECT040	4	8 x 0.5	600 W	2.61	88	8436045918444	£ 230
MSIECT045	4.5	9 x 0.5	675 W	2.93	78	8436045918451	£ 253
MSIECT050	5	10 x 0.5	750 W	3.26	71	8436045918468	£ 279
MSIECT060	6	12 x 0.5	900 W	3.91	59	8436045918475	£ 331
MSIECT070	7	14 x 0.5	1,050 W	4.57	50	8436045918482	£ 379
MSIECT080	8	16 x 0.5	1,200 W	5.22	44	8436045918491	£ 416
MSIECT090	9	18 x 0.5	1,350 W	5.87	39	8436045918505	£ 451
MSIECT100	10	20 x 0.5	1,500 W	6.52	35	8436045918512	£ 484
MSIECT110	11	22 x 0.5	1,650 W	7.17	32	8436045918529	£ 513
MSIECT120	12	24 x 0.5	1,800 W	7.83	29	8436045918536	£ 560
MSIECT150	15	30 x 0.5	2,400 W	9.78	24	8436045918543	£ 704

IPX7 CE RoHS BEAB Approved

MILOS
pvc

UNDERFLOOR
HEATING SYSTEM

Control Thermostats

SMART Touch
Wi-Fi
Intelligent digital
thermostat with Wi-Fi
connection.

Compatible with Rointe Connect App

EASY Touch
Programmable digital
thermostat.

CHARACTERISTICS

STRONG AND FLEXIBLE MESH
3.5 mm biconductor heating cable with 80 mm of separation between the cables installed on a fibreglass mesh.

FIXED USING A PRE INSTALLED ADHESIVE TAPE
Highly adhesive tape for an easy installation of the mesh.

Mechanical characteristics

- Interior insulation: **PTFE** which supports higher temperatures than FEP Teflon/PVC.

- Exterior insulation: **PVC**, a more flexible material than PVDF/Silicone.

- Earth protection: **aluminium cover.**

- Space between cables: **80 mm.**

- Width of mesh: **500 mm (0.5 m).**

Electronic characteristics

- Supply: 220-240v : 50 Hz.

- Thickness of mesh - **5 mm** (cable 3 mm in diameter).

- Bi-conductor cable which makes installation easy.

- Length of the cable: **Coldtail 3 m.**

- **Power: 150 W/m².**

The Rointe **MILOS pvc mesh** has a **10 year guarantee** and **REPLACEMENT GUARANTEE**: if the mesh is accidently damaged during the installation, Rointe will replace it free of charge (Check conditions on page 115).

Installation design
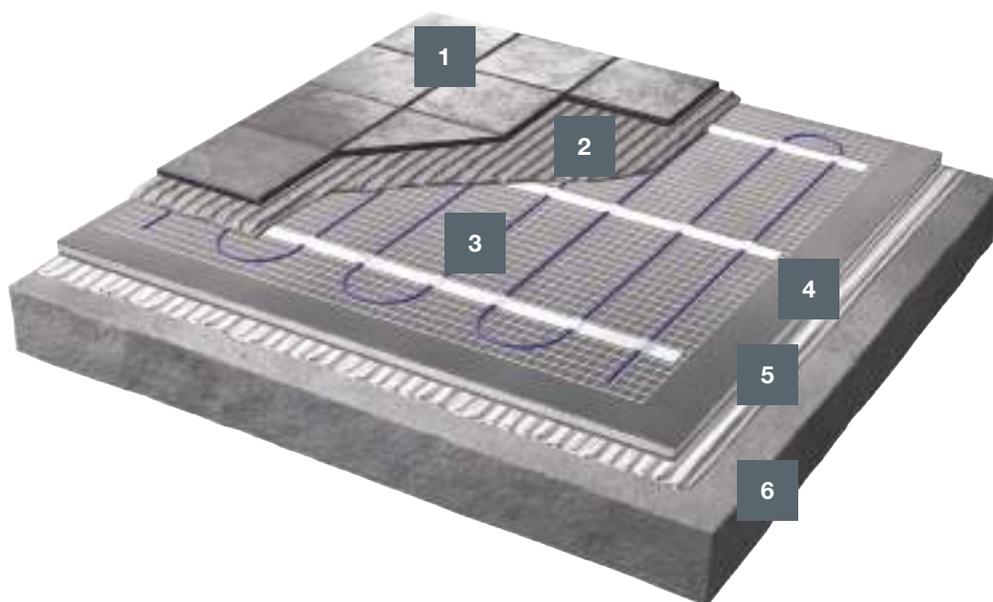
1. Tiles
2. Flexible adhesive
3. Heated mesh Atria easy·fit
4. Insulation sheet
5. Flexible cement
6. Floor basement

Dimensions

MODEL	HEATING AREA (M²)	WIDTH X LENGTH (M)	WATTS (W)	AMPS	OHMS	EAN CODE	T.P.
MSIPVC010	1	2 x 0.5	150 W	0.65	353	8436045918550	£ 40
MSIPVC015	1.5	3 x 0.5	225 W	0.98	235	8436045918567	£ 61
MSIPVC020	2	4 x 0.5	300 W	1.30	176	8436045918574	£ 82
MSIPVC025	2.5	5 x 0.5	375 W	1.63	141	8436045918581	£ 102
MSIPVC030	3	6 x 0.5	450 W	1.96	118	8436045918592	£ 124
MSIPVC035	3.5	7 x 0.5	525 W	2.28	101	8436045918604	£ 143
MSIPVC040	4	8 x 0.5	600 W	2.61	88	8436045918611	£ 164
MSIPVC045	4.5	9 x 0.5	675 W	2.93	78	8436045918628	£ 185
MSIPVC050	5	10 x 0.5	750 W	3.26	71	8436045918635	£ 204
MSIPVC060	6	12 x 0.5	900 W	3.91	59	8436045918642	£ 247
MSIPVC070	7	14 x 0.5	1,050 W	4.57	50	8436045918659	£ 287
MSIPVC080	8	16 x 0.5	1,200 W	5.22	44	8436045918666	£ 329
MSIPVC090	9	18 x 0.5	1,350 W	5.87	39	8436045918673	£ 370
MSIPVC100	10	20 x 0.5	1,500 W	6.52	35	8436045918680	£ 410
MSIPVC120	12	24 x 0.5	1,800 W	7.83	29	8436045918703	£ 491
MSIPVC150	15	30 x 0.5	2,400 W	9.78	24	8436045918710	£ 614

IPX7 CE RoHS BEAB Approved

Laminated floors, wooden floors, carpets, vinyl floors or linoleum

ERKO
foil

UNDERFLOOR
HEATING SYSTEM

Control Thermostats

SMART Touch
Wi-Fi

Intelligent digital thermostat with Wi-Fi connection.

Compatible with Rointe Connect App

EASY Touch
Programmable digital thermostat.

CHARACTERISTICS

SPECIAL LAMINATE FOR LAMINATED FLOORS, PARQUET OR CARPETS
Super thin system protected with earth wire.

EASY INSTALLATION
No need to raise the floor height.

NO NEED FOR ADDITIONAL CONNECTIONS
Ideal for normal shaped rooms where the 0.5m wide sheets can be placed on the floor in parallel without needing connectors between them.

Mechanical characteristics

- Insulation: Advance Fluoropolymer **ECTFE.**

- Earth protection: **aluminium cover.**

- Space between **cables: 80 mm.**

- Width of mesh: **500 mm** (0.5 m).

Electronic characteristics

- Supply: 220-240v : 50 Hz.

- Thickness of sheet - 1 mm.

- Length of the cable: **Coldtail 3 m.**

- Power : **140 W/m².**

The Rointe **ERKO foil mesh** has a **10 year guarantee** and **REPLACEMENT GUARANTEE**: if the mesh is accidently damaged during the installation, Rointe will replace it free of charge (Check conditions on page 115).

Installation design
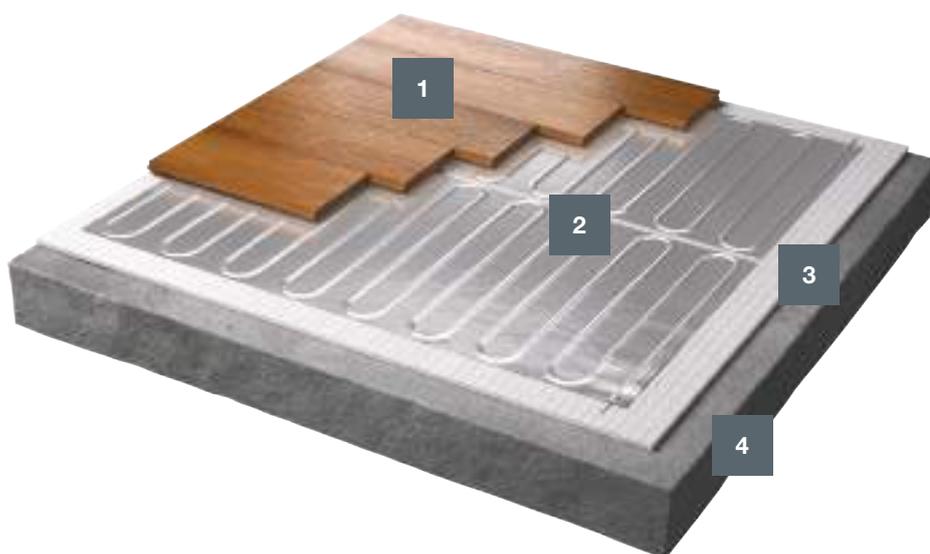
1. Floor
2. Heating foil - Rointe ERKO foil
3. Insulation plate
4. Floor basement

Dimensions

MODEL	HEATING AREA (M²)	WIDTH X LENGTH (M)	WATTS (W)	AMPS	OHMS	EAN CODE	T.P.
MSIWFH010	1	2 x 0.5	140 W	0.60	378	8436045918727	£ 60
MSIWFH015	1.5	3 x 0.5	210 W	0.90	252	8436045918734	£ 71
MSIWFH020	2	4 x 0.5	280 W	1.20	189	8436045918741	£ 90
MSIWFH030	3	6 x 0.5	420 W	1.80	126	8436045918758	£ 138
MSIWFH040	4	8 x 0.5	560 W	2.40	94	8436045918765	£ 171
MSIWFH050	5	10 x 0.5	700 W	3.00	76	8436045918772	£ 211
MSIWFH060	6	12 x 0.5	840 W	3.70	63	8436045918789	£ 247
MSIWFH070	7	14 x 0.5	980 W	4.30	54	8436045918796	£ 287
MSIWFH080	8	16 x 0.5	1,120 W	4.90	47	8436045918802	£ 326
MSIWFH090	9	18 x 0.5	1,260 W	5.50	42	8436045918819	£ 367
MSIWFH100	10	20 x 0.5	1,400 W	6.10	38	8436045918826	£ 408
MSIWFH120	12	24 x 0.5	1,680 W	7.30	32	8436045918833	£ 487

IPX7 CE RoHS BEAB Approved

Ceramic floors

INSULATION SOLUTIONS

UNDERFLOOR
HEATING SYSTEM

With insulation system	Without insulation system
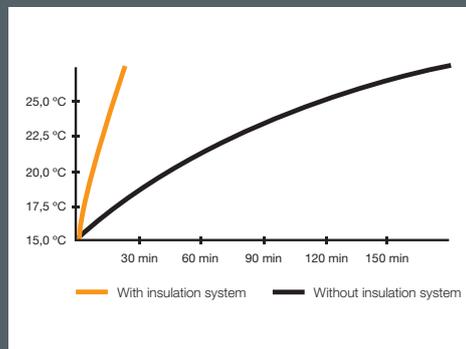
The Rointe insulation sheet is a waterproof sheet made of polystyrene covered on both sides by a fibreglass mesh inserted inside a fine cement brick.

It saves money as it acts as an effective insulating barrier reflecting the heat upwards to the surface.

Mechanical characteristics

- Area: 0.75 m^2
- Density: 36 kg/m^3
- Thermal conduction: 0.027 W/mK
- Compressive strength : 3 kg/cm^2 (300kN/m^2)
- Water absorption (Capillary tube): Zero
- Class "O" / reaction to fire "B1"
- No need to use a liquid primer.

CHARACTERISTICS

INCREASE IN THE ENERGY EFFICIENCY
The panels help reduce the heating time by up to 90%.

STRONG BUT FLEXIBLE
The sheets are made of extruded polystyrene and can be cut to size to fit in with all kinds of rooms and surfaces.

WATER AND SOUND PROOF
The sheets are ideal for waterproofing bathrooms and kitchens and also acting as a sound barrier.

HIGH THERMAL INSULATION
The sheets act as a barrier against the cold which comes from under the floor.

Models and sizes

MODEL	THICK (MM)	WIDTH (MM)	LENGTH (MM)	WEIGHT (KG)	U VALUE (M^2.K/W)	EAN CODE	T.P.
ASCI06	6	600	1,200	1.95	4.5	8436045918840	£ 13
ASCI10	10	600	1,200	2.22	2.7	8436045918857	£ 15

Protection systems for

carpet, vinyl and linoleum flooring

Carpet, vinyl or linoleum flooring

PROTECTION AND INSULATION SYSTEM

UNDERFLOOR HEATING SYSTEM

Upper lining system

Value R_m: 0,07
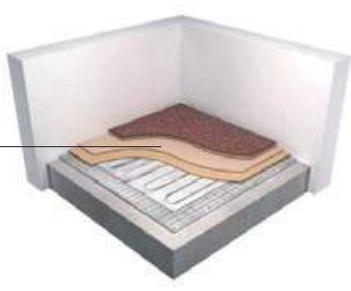
The upper lining system is a counterbalance of free flotation formed by two sheets to be used with carpets, vinyl or linoleum. Both sheets have adhesive which ensures a stable and maximum security fit.

PROVIDES A STABLE UNDERFLOOR

Suitable lining for all types as it is only 7 mm thick.

PROTECTS THE HEATING MESH

Protects the heating mesh from possible damage.

MODEL		THICK (MM)	LENGTH (MM)	HEIGHT (MM)	EAN CODE	T.P.
ASLIDO	Upper cover	4	600	1,200	8436045918864	£ 75
	Lower cover	3	600	1,200		

IDEAL FOR...

Carpet

Vinyl

Linoleum

Underneath heating blanket

Value R_m: 0,19

A polystyrene insulation barrier which is situated between the ground and the mesh or heating sheet which reflects the heat upwards and ensures that the underfloor heating system is more efficient and effective. It also has a soundproofing effect.

STOPS HEAT LOSS

Increases the energy efficiency of the heating system.

VERY THIN AND LIGHT

Only 6 mm thick and made of polyethylene and aluminium.

MODEL	THICK (MM)	WIDTH (MM)	COVERING (M²)	EAN CODE	T,P,
ASLIU025	6	1,200	2.5	8436045918871	£ 23
ASLIU050	6	1,200	5.0	8436045918888	£ 48
ASLIU100	6	1,200	10	8436045918895	£ 99
ASLIU250	6	1,200	25	8436045918901	£ 246

IDEAL FOR...

Carpet

Vinyl

SMART touch

INTELLIGENT THERMOSTAT WITH WI-FI CONNECTION

Wi Fi

GUARANTEE **2** YEARS
on accessories & controls

AVAILABLE FINISHES

● ONYX Black

MODEL	TSMTI01
EAN CODE	8436045918918
T.P.	£ 179

The Rointe Connect app lets you control the intelligent thermostat, Smart Touch, easily whenever you want and wherever you are.

- Full control of the underfloor heating system using any smartphone, tablet or PC.

- 24/7 programming, activate/ de-activate functions and modes.

- Displays operating cost, consumption, actual and programmed temperature and savings.

CHARACTERISTICS

CONTROL VIA THE ROINTE CONNECT APP

Can be controlled via the domestic Wi-Fi using the Rointe Connect app which is available for smartphone, tablet and PC.

AUTO LEARNING MODE

Can be configured to learn the user's routine and self program accordingly.

INTELLIGENT ADJUSTMENT TO CHANGES

Intuitive heating control which adapts to changes in the user's routine without having to be re-programmed.

MONITORS ENERGY AND ADVISES HOW TO SAVE IT

Includes energy use graphs and a cost comparison. Furthermore, the Rointe Smart Touch thermostat gives intelligent ways for the user to lower their energy consumption.

Functionality

▪ **Programming**

Lets you set up to 5 Comfort Mode periods per day with whichever combination of days.

IP33   CE   RoHS   BEAB Approved

Electronic characteristics

▪ Supply: 220-240v : 50 Hz.

▪ Exit Power: **16A, 3.600 W.**

▪ Dimensions: **90 x 110 x 18mm** (requires a built in electric box 35mm deep)

▪ Screen: **72 x 54 mm full colour touch screen**.

▪ Sensors: Supplied with an **NTC 10K ground** (3m) **and air probe** (incorporated)

MODEL	TSETI01
EAN CODE	8436045918925
T.P.	£ 96

GUARANTEE 2 YEARS
on accessories & controls

AVAILABLE FINISHES
● PIANO black

EASY touch

PROGRAMMABLE DIGITAL THERMOSTAT

CHARACTERISTICS

EASY TO USE INTERFACE
Can be used and programmed to establish programs quickly and easily.

QUICK CONFIGURATION
Can be installed and configured in minutes allowing you to have control and efficient management of your heating system. Highly intuitive manner of programming.

INTELLIGENT ENERGY CONTROL
Thanks to all the pre-established operation modes: Auto, Manual, Anti-Frost and Stand-by.

- Light screen which shows all the details of the programming temperature and established time.

- Easy to control with the dial and the side and lower sliders.

Electronic characteristics

- Supply: 220-240v :: 50 Hz. Back up battery – 3 months.

- Exit Power: **16A, 3,600 W**.

- Dimensions: **90 x 113 x 23 mm.**

- Screen: **45 x 50 mm**.

- Sensors: Supplied with an **NTC 10K ground** (3 m) **and air probe** (incorporated).

Functionality

- **Programming**

  Lets you set up to 5 Comfort Mode periods per day during 7 days or 5 and 2 days (week and weekend).

IP32 CE RoHS BEAB Approved

Rointe
professional

SERVICES, PRICE LIST AND CONDITIONS OF SALE

Always by the professionals side.

Services

ROINTE

The brand leader in the market **for customer service**

10 REASONS TO WORK WITH ROINTE

- Free-of-charge technical studies
- Marketing material and help at the point of sale
- Rointe 360º service
- Rointe Commercial team
- Commercial advice and site visits
- Professional training courses and seminars
- Rointe Club for installers
- Professional area in the Rointe website
- Rointe technical support
- Guarantee

HELP FOR PROFESSIONALS

The Commercial department is available to all of our clients to help and resolve any doubts or questions you may have.

0203 321 5928

Monday to Friday from 7.30 am to 5.30 pm.

1

Free professional technical studies
The best calculations for any installation

HELPING THE PROFESSIONALS

Rointe always recommends that a professional installer visits to prepare a study based on the characteristics of the house or business. In this way we can ensure perfect measuring of the end user's installation.

The success of the Rointe heating systems in a property is down to correct sizing of the property.

Rointe has a team of specialist engineers who personally calculate the number of elements needed for each area depending on the heating required.

This personalized study is the guide and the reference model, which guarantees that the Rointe heating and domestic hot water system works at its optimum.

Do you need help to **size an installation in-situ?**

Many times when our installers visit a client they are asked the same question: "Can you tell me how many radiators I need for my house and which model is the best?"

Rointe has created an online calculator to resolve situations like this and help guide the user to calculate their requirements. This allows you to carry out a quick estimated technical study in seconds, which helps to show the client their approximate kWh needs and the number of radiators they require.

Enter **https://rointe.co.uk/calculate-your-needs/** and discover it.

Remember, these calculations are an estimate and you shouldn't carry out an installation without a Rointe Official Technical Study which is done by the professionals in our Project Department.
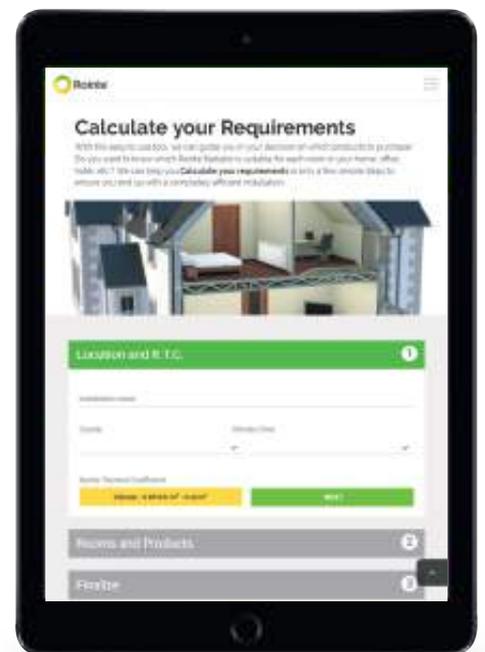
Marketing and sales material
Free and available to all our clients and installers

Rointe has a large selection of marketing material available to our clients and installers to help explain and sell our products.

Do you need some brochures? Do you want a display stand? Are you going to distribute leaflets and want help from Rointe? Rointe has all the options for you to carry out marketing campaigns.

You only have to get in contact with your internal Rointe contact by calling 0203 321 5928 and they will advise you how you can obtain all the tools necessary to promote and sell our products.

- Technical brochures
- POS material for wholesalers and installers
- Leaflets
- Calculation tables
- Hotel brochures
- Display stands
- Branch stickers and posters
- Van stickers
- Various promotions

SERVICES

3

Rointe 360° service
Support and service to answer all your questions

Rointe
360 *service*

Rointe offers you a team of professionals to give the best answers to all your needs, before, during and after acquiring any Rointe product.

That's why we offer you a 360° solution, from start to finish.

Rointe has three specialist areas to offer our clients the maximum attention and to guarantee the best solution to all their needs.

COMMERCIAL SUPPORT

If you want to order a product, ask about delivery times or anything similar please contact our Customer Service department. Your personal Key Account Manager will answer all your questions. Check who is your Rointe personal KAM & Sales Manager are on the next page.

TECHNICAL SUPPORT

Don't hesitate to ask us for all the technical and economical information that you need regarding your heating and domestic hot water needs. Our engineering department can create a personalized study for you which will help you make the best choice.

AFTER SALES SUPPORT

Finally, our after sales department will personally look after you and offer the best solution to any incidents or technical doubts that you may have to ensure the best use of your heating and domestic hot water system.

Rointe commercial team
By your side to help in your day to day business and resolve any issues

Rointe has a network of Commercial Directors distributed throughout the United Kingdom to provide on-site commercial support to all our customers and installers.

Our commitment is to offer the best Customer Service in the electric heating market. Therefore, we provide our national network of Sales Managers to accompany you on site visits and give training on our products.
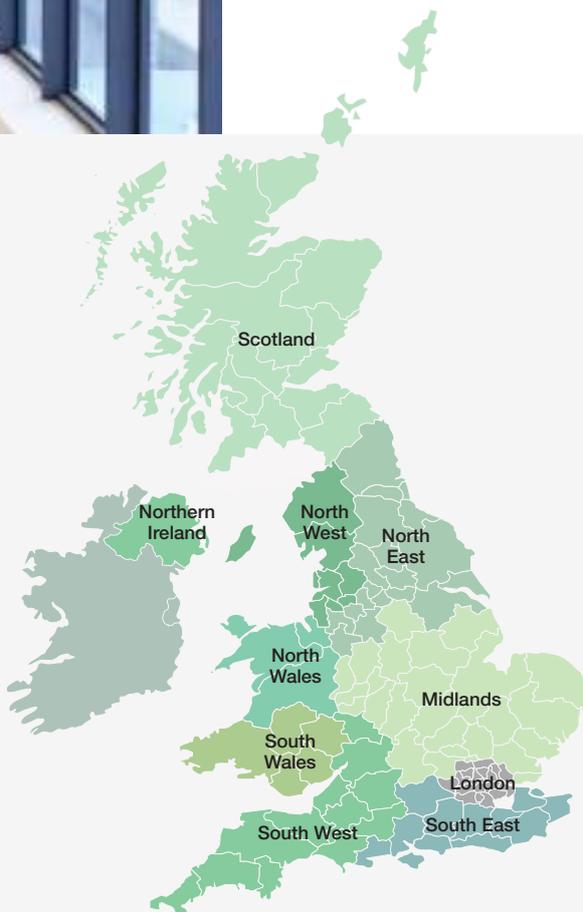
ROINTE SALES TEAM

Rointe has an extensive team of Area Sales Managers all over the country. You can ask for a visit by contacting your local Key Account Manager.

Map labels: Scotland, Northern Ireland, North West, North East, North Wales, Midlands, South Wales, London, South East, South West

Zones
Zone 1 - South East
Zone 2 - South West
Zone 3 - Midlands
Zone 4 - South Wales
Zone 5 - North East
Zone 6 - North West
Zone 7 - Scotland
Zone 8 - Northern Ireland
Zone 9 - North Wales
Zone 11 - London

If you require more information about our products and/or want to place an order, please contact your Key Account Manager on:

0203 321 5928
Monday to Friday from 7.30 am to 5.30 pm.

5

Commercial advice and visits
We can accompany you when you visit your clients in order to answer any questions

The Rointe Sales Managers are available to accompany all of our clients and installers when they visit projects or jobs.

If you would like a joint visit with a Rointe professional, please call

0203 321 5928

Monday to Friday from 7.30 am to 5.30 pm.

Do you have a heating project? Has anyone asked you to quote for installing radiators, water heaters or towel rails in a new building or a refurbishment? Do you know that you can ask a Rointe professional to accompany you to the site? The presence of one of our professionals has many advantages.

- It lets you count on the experience and knowledge of a professional, 100% prepared expert with a vast knowledge of the heating world.

- The physical presence of a Rointe professional offers security for your client.

- With their presence Rointe backs you up as the market leader in heating.

Courses and professional seminars
Rointe trains you so that you will also become a heating professional

Trainings and breakfast mornings Rointe

In the new seminars and training days, Rointe attendees will discover first-hand the components that make up our products and their technical characteristics. You will learn everything about our products plus all the features and benefits so you can give the best advice to the customers.

In these meetings, we will give you the best advice for the successful closing of sales operations and this improving the commercial prospects. In addition, we put at the disposal of the attendees all the necessary marketing materials so you can start promoting our products as soon as possible.

Do you want to celebrate a breakfast morning in your branch?

Just by contacting the Key Account Manager in your area, you can request any type of training day or breakfast morning in your premises.

SERVICES

7

Rointe Club
The installers club that is full of benefits for your business

Rointeclub
THE HEATING INSTALLERS CLUB
FULL OF BENEFITS FOR YOUR ·BUSINESS·

The Rointe Club offers exclusive benefits designed for you. **Sign up to the Rointe Club and form part of a winning team!**

Learn all the benefits of becoming a Rointe Official Installer and take advantage of our offers and special promotions.

Benefit 1
Help with marketing material, special promotions and **FREE TRAINING.**

Benefit 2
"Rointe Official Installer"stickers for your vehicles. Your vans say Rointe!

Benefit 3
Free-of-charge technical studies. Help with visits to works and projects.

Benefit 4
Your business will be included in our "find an installer" section of the website.

Professional area in the Rointe website
All you need from Rointe and our products in just one click

Go to our website **www.rointe.co.uk** and sign- up. Discover all the online tools that we have available and update your details in the clients' area.

Technical area

Download images, brochures, price lists, help and support videos, access to the new online calculator...

Client area

Rointe Club sign-in form
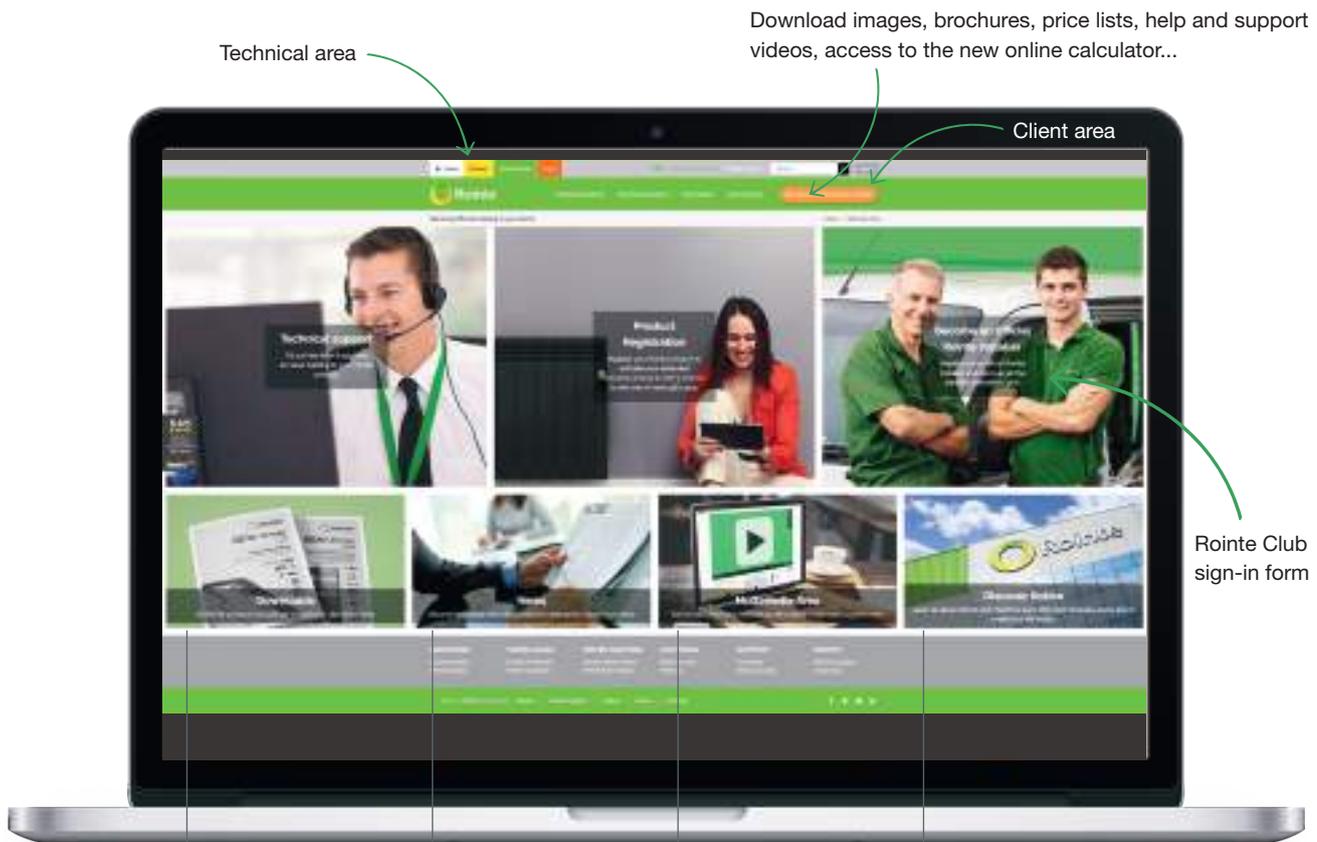
Download the manuals for all our products, including those which are discontinued.

Rointe News with new products, general information of our company and interesting articles.

Multimedia Area with technical and explanatory videos about our heating system.

Discover Rointe and the milestones it has reached during its 30 years within the heating industry.

Enter and have a look at our new website **with a new style and layout.**

Information about our products in much more detail: comparisons, registering guarantees, FAQS, online customer service...

ENTER NOW!
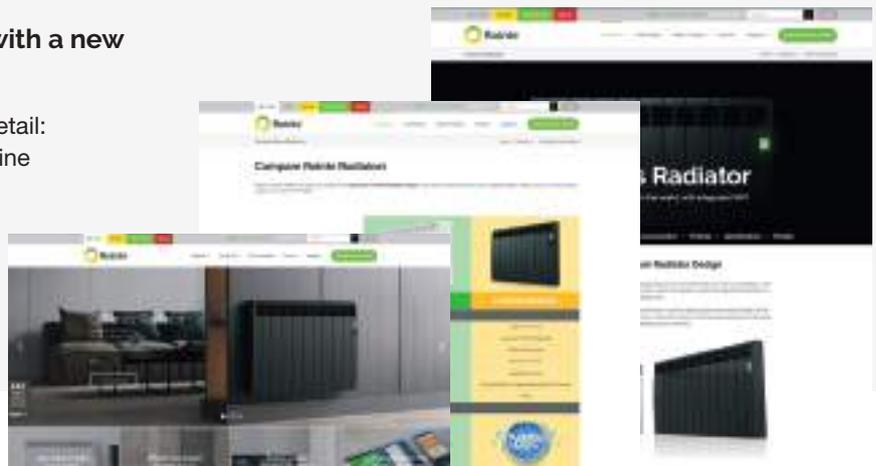
9 Technical support and Customer Services
The best after-sales service in the heating sector

Rointe Technical Assistance Service

Rointe has the best team of professionals at the service of all our customers to offer them the most appropriate solution to any problem that may arise with our products, during and after their purchase.

The objective of Rointe is to offer a personal and direct service. Therefore, we are available to all our customers, installers and users not only to solve problems but also to help them solve any issue related to our products, whether related to their use or technical issues.

Our Technical Assistance Service offers the maximum coverage at the national level for the total satisfaction of our clients.

Rointe offers the maximum guarantee on repairs and always uses original parts.

Rointe Quick Response
We respond to your request in **less than 24 hours**.

Rointe has a Technical Service department of specialized and highly qualified personnel in constant training that guarantees the quality in the services provided.

We also have the most advanced diagnostics and all the necessary means to guarantee an agile response for quick resolution of incidents. Specifically, Rointe commits itself with its clients to respond to their requests in a period of time less than 24 hours.

The Rointe Technical Service department offers comprehensive coverage for all our products, from repair to replacement of equipment.

24 Quick response

If you need help or want more information about our **Technical Support Service**, please contact us:

0203 321 5929
Monday to Friday from 7.30 am to 5.30 pm.

Guarantees
The maximum guarantee and quality that only the leaders can offer

GUARANTEE 20 YEARS on the product metal body

GUARANTEE 3 YEARS on electrical components

Radiators
20 years guarantee on the body & **3 years** on the electronics or electrical components.

GUARANTEE 10 YEARS on the product metal body

GUARANTEE 2 YEARS on electrical components

Towel rails
10 years guarantee on the body & **2 years** on the electronics or electrical components.

GUARANTEE 5 YEARS on the inner steel tank

GUARANTEE 2 YEARS on electrical components

Domestic Hot Water Heaters

Digital water heaters
5 years guarantee on the tank & **2 years** on the electronics or electrical components.

GUARANTEE 3 YEARS on the inner steel tank

GUARANTEE 2 YEARS on electrical components

Analogue water heaters
3 years guarantee on the tank & **2 years** on the electrical components.

GUARANTEE 10 YEARS on the heating mesh

Underfloor Heating
10 years guarantee on the cables and conductive filaments.

GUARANTEE 2 YEARS on accessories & controls

Thermostats
2 years guarantee for failure of the electronics or electrical components.

GUARANTEE 2 YEARS on accessories & controls

Remote Controls and accessories
2 years guarantee for failure of the electronics or electrical components and/or any manufacturing defects.

Do you know that Rointe now offers the possibility of registering the guarantee online?

Go to **www.rointe.co.uk/register-your-products/** and in a few steps your client can enjoy all the benefits of having their guarantee registered.

SERVICES

Price list

ROINTE 2017

Price list, colour chart **and** **conditions of** **sale**

ROINTE PRICE LIST 2017

- Radiators
- Towel rails
- Water heaters
- Remote controls
- Accessories
- Underfloor heating
- Underfloor heating accessories
- Control thermostats for underfloor heating

COLOUR CHART

Colour customization available for D Series radiators and towel rails.

	MODEL	ELEMENTS	POWER	EAN CODE	T.P.
D SERIES RADIATOR	DIW0330RAD	3	330 W	8436045913708	£ 352
	DIW0550RAD	5	550 W	8436045913715	£ 446
	DIW0770RAD	7	770 W	8436045913722	£ 558
	DIW0990RAD	9	990 W	8436045913739	£ 637
	DIW1210RAD	11	1,210 W	8436045913746	£ 707
	DIW1430RAD	13	1,430 W	8436045913753	£ 783
	DIW1600RAD	15	1,600 W	8436045913760	£ 874
D SERIES RADIATOR Graphite Series	DIB0330RAD	3	330 W	8436045913777	£ 373
	DIB0550RAD	5	550 W	8436045913784	£ 473
	DIB0770RAD	7	770 W	8436045913791	£ 591
	DIB0990RAD	9	990 W	8436045913807	£ 675
	DIB1210RAD	11	1,210 W	8436045913814	£ 750
	DIB1430RAD	13	1,430 W	8436045913821	£ 830
	DIB1600RAD	15	1,600 W	8436045913838	£ 926
D SERIES RADIATOR RAL Colour	DIR0330RAD	3	330 W	8436045916235-xxxx*	£ 433
	DIR0550RAD	5	550 W	8436045916242-xxxx*	£ 573
	DIR0770RAD	7	770 W	8436045916259-xxxx*	£ 731
	DIR0990RAD	9	990 W	8436045916266-xxxx*	£ 855
	DIR1210RAD	11	1,210 W	8436045916273-xxxx*	£ 970
	DIR1430RAD	13	1,430 W	8436045916280-xxxx*	£ 1,090
	DIR1600RAD	15	1,600 W	8436045916297-xxxx*	£ 1,226
KYROS RADIATOR	KRI0330RAD3	3	330 W	8436045917256	£ 276
	KRI0550RAD3	5	550 W	8436045917263	£ 350
	KRI0770RAD3	7	770 W	8436045917270	£ 438
	KRI0990RAD3	9	990 W	8436045917287	£ 500
	KRI1210RAD3	11	1,210 W	8436045917294	£ 555
	KRI1430RAD3	13	1,430 W	8436045917300	£ 614
	KRI1600RAD3	15	1,600 W	8436045917317	£ 685
KYROS RADIATOR Conservatory	KRI1100RADC3	11	1,100 W	8436045915894	£ 514
	KRI1300RADC3	13	1,300 W	8436045915900	£ 568
	KRI1500RADC3	15	1,500 W	8436045915917	£ 634

	MODEL	HEIGHT	POWER	EAN CODE	T.P.
D SERIES TOWEL RAIL White	DTI030SEW	855 mm	300 W	8436045913920	£ 423
	DTI045SEW	1,175mm	450 W	8436045913937	£ 476
	DTI060SEW	1,490 mm	600 W	8436045913944	£ 519
	DTI075SEW	1,810 mm	750 W	8436045913951	£ 576
D SERIES TOWEL RAIL Graphite Series	DTI030SEB	855 mm	300 W	8436045913883	£ 493
	DTI045SEB	1,175mm	450 W	8436045913890	£ 616
	DTI060SEB	1,490 mm	600 W	8436045913906	£ 690
	DTI075SEB	1,810 mm	750 W	8436045913913	£ 759
D SERIES TOWEL RAIL Chrome	DTI030SEC	855 mm	300 W	8436045913845	£ 535
	DTI045SEC	1,175mm	300 W	8436045913852	£ 686
	DTI060SEC	1,490 mm	450 W	8436045913869	£ 796
	DTI075SEC	1,810 mm	600 W	8436045913876	£ 921
D SERIES TOWEL RAIL RAL Colour	DTI030SER	855 mm	300 W	8436045916303-xxxx*	£ 599
	DTI045SER	1,175mm	450 W	8436045916310-xxxx*	£ 720
	DTI060SER	1,490 mm	600 W	8436045916327-xxxx*	£ 802
	DTI075SER	1,810 mm	750 W	8436045916334-xxxx*	£ 863
KYROS TOWEL RAIL White	KTI030SEB3	900 mm	300 W	8436045917379	£ 277
	KTI050SEB3	1,300 mm	500 W	8436045917386	£ 353
	KTI075SEB3	1,700 mm	750 W	8436045917393	£ 399
	KTI100SEB3	1,900 mm	1,000 W	8436045917409	£ 440
KYROS TOWEL RAIL Chrome	KTI030SEC3	900 mm	300 W	8436045917331	£ 442
	KTI050SEC3	1,300 mm	300 W	8436045917348	£ 569
	KTI075SEC3	1,700 mm	500 W	8436045917355	£ 710
	KTI100SEC3	1,900 mm	750 W	8436045917362	£ 764

	MODEL	VOLUME	POWER	EAN CODE	T.P.
D SERIES WATER HEATER	DWI050DHW2	50 L	2,400 W	8436045913968	£ 693
	DWI075DHW2	75 L	2,400 W	8436045913975	£ 863
	DWI100DHW2	100 L	2,400 W	8436045913982	£ 956
	DWI150DHW2	150 L	2,400 W	8436045913999	£ 1,122
	DWI200DHW2	200 L	2,400 W	8436045914002	£ 1,273
KYROS WATER HEATER	KWI050DHW3	50 L	2,400 W	8436045917416	£ 630
	KWI075DHW3	75 L	2,400 W	8436045917423	£ 784
	KWI100DHW3	100 L	2,400 W	8436045917430	£ 869
	KWI150DHW3	150 L	2,400 W	8436045917447	£ 1,020
	KWI200DHW3	200 L	2,400 W	8436045917324	£ 1,157
RB BASIC WATER HEATER	RBI050DHW	50 L	2,400 W	8436045918055	£ 428
	RBI075DHW	75 L	2,400 W	8436045918062	£ 533
	RBI100DHW	100 L	2,400 W	8436045918079	£ 591
	RBI150DHW	150 L	2,400 W	8436045918086	£ 694
	RBI200DHW	200 L	2,400 W	8436045918093	£ 787

MODEL	VOLUME	POWER	EAN CODE	T.P.	
BSI050DHW	50 L	1,200 W	8436045918109	£ 407	**RW BASIC**
BSI750DHW	75 L	1,200 W	8436045918116	£ 480	**WATER**
BSI100DHW	100 L	1,200 W	8436045918123	£ 532	**HEATER**

MODEL	COLOUR	HEIGHT	EAN CODE	T.P.	
ACMI120	White RAL 9010	177 mm	8436045914286	£ 135	**AIR CONTROL**
ACMIB120	Soft Touch Black	177 mm	8436045914569	£ 150	**REMOTE**
BCMI100	White RAL 9010	155 mm	8436045915863	£ 85	**BASIC CONTROL**

MODEL	COMPATIBLE WITH	WIDTH	EAN CODE	T.P.	
RDW0550	DIW0330RAD / DIW0550RAD	600 mm	8436045915993	£ 97	**D SERIES**
RDW0770	DIW0770RAD	760 mm	8436045916006	£ 107	**GRILL**
RDW0990	DIW0990RAD	920 mm	8436045916013	£ 118	White
RDW1210	DIW1210RAD	1,090 mm	8436045916020	£ 131	
RDW1430	DIW1430RAD	1,260 mm	8436045916037	£ 143	
RDW1600	DIW1600RAD	1,410 mm	8436045916044	£ 145	
RDB0550	DIB0330RAD / DIB0550RAD	600 mm	8436045916068	£ 103	**D SERIES**
RDB0770	DIB0770RAD	760 mm	8436045916075	£ 113	**GRILL**
RDB0990	DIB0990RAD	920 mm	8436045916082	£ 125	Graphite
RDB1210	DIB1210RAD	1,090 mm	8436045916099	£ 139	
RDB1430	DIB1430RAD	1,260 mm	8436045916105	£ 152	
RDB1600	DIB1600RAD	1,410 mm	8436045916112	£ 154	
RKY0550	KRI0330RAD3 / KRI0550RAD3	600 mm	8436045914392	£ 89	**KYROS**
RKY0770	KRI0770RAD3	760 mm	8436045914408	£ 97	**GRILL**
RKY0990	KRI0990RAD3	920 mm	8436045914415	£ 107	
RKY1210	KRI1210RAD3	1,090 mm	8436045914422	£ 119	
RKY1430	KRI1430RAD3	1,260 mm	8436045914439	£ 131	
RKY1600	KRI1600RAD3	1,410 mm	8436045914446	£ 133	
RKY1100	KRI1100RADC3	1,090 mm	8436045914453	£ 110	**KYROS**
RKY1300	KRI1300RADC3	1,260 mm	8436045914460	£ 120	**GRILL**
RKY1500	KRI1500RADC3	1,410 mm	8436045914477	£ 130	Conservatory

MODEL	COLOUR	WIDTH	EAN CODE	T.P.	
RSRW001	White RAL 9016	410 mm	8436045916983	£ 60	**KYROS TOWELS**
RSRC001	Chrome	410 mm	8436045916990	£ 65	**TRAY**
RSRW002	White RAL 9016	410 mm	8436045917041	£ 60	**D SERIES**
RSRC002	Chrome	410 mm	8436045917065	£ 65	**TOWELS**
RSRB002	Graphite forge effect	410 mm	8436045917058	£ 65	**TRAY**

MODEL	COLOUR	DEPTH	EAN CODE	T.P.	
RSHW001	White RAL 9016	35 mm	8436045917010	£ 25	**KYROS TOWEL**
RSHC001	Chrome	35 mm	8436045917027	£ 30	**HANGERS**
RSHW002	White RAL 9016	35 mm	8436045917089	£ 25	**D SERIES**
RSHC002	Chrome	35 mm	8436045917096	£ 30	**TOWEL**
RSHB002	Graphite forge effect	35 mm	8436045917102	£ 30	**HANGERS**

MODEL	COLOUR	FOR WATER HEATERS OF	EAN CODE	T.P.	
TPKW001	White	150 L / 200 L	8436045914323	£ 80	**SUPPORT TRIPOD**

MODEL	EXPANSION VESSEL	COMPATIBLE WITH	EAN CODE	T.P.	
KITKW01	8 Litres	50 / 100 L	8436045914330	£ 218	**INSTALLA-**
KITKW02	12 Litres	100 / 150 L	8436045914347	£ 219	**TION KIT**
KITKW03	18 Litres	200 L	8436045914354	£ 227	

MODEL	CONNECTIONS SIZE	COMPATIBLE WITH	EAN CODE	T.P.	
KWVAL1814	1/2"	50 L / 75 L / 100 L	8436045914361	£ 150	**MIXING**
KWVAL1815	3/4"	150 L / 200 L	8436045914378	£ 180	**VALVE**

* The last 4 digits of the EAN code correspond to the numerical code of the desired RAL finish. See the color chart on page 113.

All prices and specifications are valid, subject to availability and release date

	MODEL	HEATING AREA (M²)	POWER	EAN CODE	T,P,
UNDER FLOOR ATRIA Ultra-thin	MSIECT010	1	150 W	8436045918383	£ 89
	MSIECT015	1,5	225 W	8436045918390	£ 112
	MSIECT020	2	300 W	8436045918406	£ 130
	MSIECT025	2,5	375 W	8436045918413	£ 159
	MSIECT030	3	450 W	8436045918420	£ 186
	MSIECT035	3,5	525 W	8436045918437	£ 207
	MSIECT040	4	600 W	8436045918444	£ 230
	MSIECT045	4,5	675 W	8436045918451	£ 253
	MSIECT050	5	750 W	8436045918468	£ 279
	MSIECT060	6	900 W	8436045918475	£ 331
	MSIECT070	7	1,050 W	8436045918482	£ 379
	MSIECT080	8	1,200 W	8436045918491	£ 416
	MSIECT090	9	1,350 W	8436045918505	£ 451
	MSIECT100	10	1,500 W	8436045918512	£ 484
	MSIECT110	11	1,650 W	8436045918529	£ 513
	MSIECT120	12	1,800 W	8436045918536	£ 560
	MSIECT150	15	2,250 W	8436045918543	£ 704
UNDER FLOOR MILOS pvc	MSIPVC010	1	150 W	8436045918550	£ 40
	MSIPVC015	1,5	225 W	8436045918567	£ 61
	MSIPVC020	2	300 W	8436045918574	£ 82
	MSIPVC025	2,5	375 W	8436045918581	£ 102
	MSIPVC030	3	450 W	8436045918592	£ 124
	MSIPVC035	3,5	525 W	8436045918604	£ 143
	MSIPVC040	4	600 W	8436045918611	£ 164
	MSIPVC045	4,5	675 W	8436045918628	£ 185
	MSIPVC050	5	750 W	8436045918635	£ 204
	MSIPVC060	6	900 W	8436045918642	£ 247
	MSIPVC070	7	1,050 W	8436045918659	£ 287
	MSIPVC080	8	1,200 W	8436045918666	£ 329
	MSIPVC090	9	1,350 W	8436045918673	£ 370
	MSIPVC100	10	1,500 W	8436045918680	£ 410
	MSIPVC120	12	1,800 W	8436045918703	£ 491
	MSIPVC150	15	2,250 W	8436045918710	£ 614
UNDER FLOOR ERKO foil	MSIWFH010	1	140 W	8436045918727	£ 60
	MSIWFH015	1,5	210 W	8436045918734	£ 71
	MSIWFH020	2	280 W	8436045918741	£ 90
	MSIWFH030	3	420 W	8436045918758	£ 138
	MSIWFH040	4	560 W	8436045918765	£ 171
	MSIWFH050	5	700 W	8436045918772	£ 211
	MSIWFH060	6	840 W	8436045918789	£ 247
	MSIWFH070	7	980 W	8436045918796	£ 287
	MSIWFH080	8	1,120 W	8436045918802	£ 326
	MSIWFH090	9	1,260 W	8436045918819	£ 367
	MSIWFH100	10	1,400 W	8436045918826	£ 408
	MSIWFH120	12	1,680 W	8436045918833	£ 487

	MODEL	THICKNESS	WIDTH X HEIGHT (MM)	EAN CODE	T,P,
INSULATION sheets	ASCI06	855 mm	600 x 1,200	8436045918840	£ 13
	ASCI10	1,175 mm	600 x 1,200	8436045918857	£ 15

	MODEL	THICKNESS	WIDTH X HEIGHT (MM)	EAN CODE	T,P,
PROTECTION SYSTEM + insulation	ASLIDO	Upper part 4 mm Lower part 3 mm	600 x 1,200	8436045918864	£ 75

	MODEL	THICKNESS	AREA (M²)	EAN CODE	T,P,
UNDERNEATH Heating blanket	ASLIU025	6 mm	2.5	8436045918871	£ 23
	ASLIU050	6 mm	5	8436045918888	£ 48
	ASLIU100	6 mm	10	8436045918895	£ 99
	ASLIU250	6 mm	25	8436045918901	£ 246

	MODEL	COLOUR	PROTECTION GRADE	EAN CODE	T,P,
THERMOSTAT Smart Touch	TSMTI01	ONYX Black	IP33	8436045918918	£ 179

	MODEL	COLOUR	PROTECTION GRADE	EAN CODE	T,P,
THERMOSTAT Easy Touch	TSETI01	PIANO Black	IP32	8436045918925	£ 96

All prices and specifications are valid, unless type error.

ROINTE COLOUR CHART

Personalised colour available upon demand for all D Series radiators and towel rails. Call us for further details and lead times.

These colours are finished with a gloss finish. Despite every care been taken during the manufacturing process of this colour chart and of course when coating our radiators, small variations may occur between different production runs and different reference materials (ceramic, paper, metal etc.).

RAL codes and names are descriptions of manufacturer.

RAL 1013 Oyster white	**RAL 1023** Traffic yellow	**RAL 1037** Sun yellow
RAL 2003 Pastel orange	**RAL 3000** Flame red	**RAL 3003** Ruby red
RAL 6019 Pastel green	**RAL 6021** Pale green	**RAL 6037** Pure green
RAL 6035 Pearl green	**RAL 5018** Turquoise blue	**RAL 6036** Pearl opal green
RAL 6027 Light green	**RAL 5012** Light blue	**RAL 5003** Saphire blue
RAL 5011 Steel blue	**RAL 3015** Light pink	**RAL 4010** Telemagenta
RAL 4008 Signal violet	**RAL 4007** Purple violet	**RAL 7038** Agate grey
RAL 7042 Traffic grey A	**RAL 7010** Tarpaulin grey	**RAL 7022** Umbra grey
RAL 7044 Silk grey	**RAL 8001** Ochre brown	**RAL 8015** Chestnut brown
RAL 7008 Khaki grey		

COLOUR.it

Terms and conditions of sale

1. DEFINITIONS

"Company" means ROINTE UK.
"Customer" means any person or organisation to whom the Company shall provide or contract to provide Goods.
"Goods" means goods sold by the Company to the Customer and including but not limited to those goods for which payment in full has not been received by the Company.
"Contract" means the Contract between the Company and the Customer for the sale of Goods.

2. GENERAL APPLICATION

2.1. These conditions apply to all Goods supplied by the Company to the Customer and no alteration or qualification of these conditions shall be effective unless agreed by the Company in writing. No order shall be binding on the Company until accepted by the Company in writing.

2.2. The Customer who orders Goods from the Company shall be deemed to agree that any written or printed conditions attached to or referred to in such orders are only binding so far as they are not at variance with the Company's Terms and Conditions.

2.3. The Customer acknowledges these Terms and Conditions of sale having checked them in advanced and accepting them in full. (CTR17V1-UK)

3. PRICE AND PAYMENT

3.1. All Goods must be paid for at the time of ordering unless the Company has agreed to supply on credit terms in which case the following conditions apply:

a. Payment shall be due as per the invoice.
b. Payment shall be made in full without deduction or set off.
c. The Customer shall indemnify the Company in respect of all costs incurred by the Company in recovery of the price from the Customer.
d. Payment may not be delayed under any circumstances.

3.2. Prices are subject to revision without notice and the prices payable by the Customer will be those in effect at the date of order.

3.3. Prices quoted in current price lists of the Company supersede all prices for similar goods in previous price lists.

3.4. Prices quoted are exclusive of V.A.T. which shall be charged at the rate applicable at the time.

4. CANCELLATION

4.1. No cancellation of any order from the Customer can be accepted without prior written agreement from the Company. If the Company provides written agreement to the cancellation any and all costs and expenses incurred by the Company will be paid by the Customer.

4.2. No cancellation of orders will be accepted under the following circumstances:

a. If the order has been dispatched.
b. If the order contains special units whose manufacturing has begun.

5. CUSTOMER RETURNS IN GOOD CONDITION

5.1. No customer returns can be accepted without prior written agreement from Rointe.

5.2. A handling charge of at least 15% of the original cost price will be payable to cover receipt, inspection and fault registration costs.

5.3. All carriage charges relating to returns made to Rointe are at the customers cost.

5.4. Any non-faulty product returned by the customer will only be accepted under the following conditions:

a. Goods returned for credit in less than 30 days from date of purchase will incur a 15% handling charge.
b. Goods returned for credit between 30 days and 3 months from date of purchase will incur a 20% handling charge.
c. Goods returned for credit between 3 months and 12 months from date of purchase will incur a 25% handling charge.
d. Goods returned for credit that were purchased over 12 months will incur a 30% handling charge.

6. DELIVERY

6.1. All times or dates given for the delivery of the Goods are approximate only and the Company shall not be liable for any delay in delivery of the goods howsoever caused.

6.2. The Company shall be entitled to delay or cancel delivery or to reduce the amount delivered if it is prevented from or delayed in manufacturing, obtaining or delivering the Goods through any circumstances beyond its control including but not limited to strikes, lockouts, accidents, war, fire, reduction in or unavailability of power at manufacturing plant, breakdown of plant or machinery or shortage of or unavailability of raw materials from normal sources of supply.

6.3. Minimum carriage paid: £1,000 net (excluding VAT). For less than this total amount there is a £30 carriage fee.

6.4. Next day orders will be £30. Next day delivery before 12.00 noon. is £40. Next day delivery before 10.00 a.m. is £50. Delivery for Saturday a.m. is £60. Spares, remote controls and grills are £5.

6.5. The Company reserves the right not to supply if the Customer has outstanding invoices and the payment is overdue. The customer in this case will be on stop.

7. DELIVERY CONDITIONS

7.1. The products are supplied packaged with brackets, screws and fixings the cost of which is included in the sale price. The goods are deemed to be delivered when they are placed on the lorry in the warehouses, except for offers with special conditions, and the Company's liability as a haulier ends at that point.

7.2. Confirmed orders may be supplied in partial deliveries. The Customer should check the goods and write "received pending checking" next to the signature in the haulier's delivery note.

8. GUARANTEE

8.1. All the materials are covered by the respective guarantees for any manufacturing faulty from the date of sale and acceptance of the fault by our Technical department will be required before the faulty product is returned to us. Please refer to our brochure to check all details.

9. DEBIT NOTES

9.1. The Company reserves the right not to accept debit notes received by the Customer.

9.2. No debit note from the Customer can be accepted without prior written agreement of the Company and the Company provides written agreement to process the debit note accordingly.

10. RISK AND TITLE

10.1. Risk in respect of any Goods connected with the Contract shall pass to the Customer at the time of delivery by the Company.

10.2. Title to the Goods shall not pass to the Customer until the Customer has paid the total price to the Company.

10.3. The Customer is not the agent of the Company for the purposes of any sale of the Goods and for the avoidance of doubt it is hereby declared that on no account has the Customer or its receiver or liquidator or trustee in bankruptcy any authority to sell the Goods when in receivership liquidation or bankruptcy or when the same is about to occur.

11. EXCLUSION OF LIABILITY

11.1. Except in respect of death or personal injury caused by the negligence of the Company or its agents, officials or employees (being negligence defined by Section 1 of the Unfair Contract Terms Act 1977) the Company shall not be liable to the Customer by reason of any representation implied guarantee condition or other term or any duty at common law or under any contract or for any economic loss, loss of production, loss of bargain, loss of profit or any other costs expenses or other claims for consequential compensation whatsoever which arise out of or in connection with the Contract except as expressly provided in these conditions and PROVIDED ALWAYS that the maximum liability of the Company in relation to any loss or damage shall in no case exceed the price in the Contract.

12. REPRESENTATIONS

12.1. The Company's employees or agents are not authorized to make any representations concerning the Goods unless confirmed by the Company in writing.

13. SHORTAGES

13.1. Shortages should be identified at the time of delivery and noted on the face of proof of delivery document which should be signed by the Customer indicating acceptance of the delivery as specified or amended.

13.2. Failure to note alleged shortages at the time of delivery shall prevent the Customer from claiming under the Contract.

13.3. The customer cannot claim compensation under any circumstances.

14. BRITISH STANDARD

14.1. The Goods shall be supplied by the Company in accordance with the relevant British standard applying to such Goods.

15. GUARANTEE

15.1. Where any Goods (or any part thereof) are shown to the reasonable satisfaction of the Company to be defective by reason of faulty material or workmanship within a period of twelve months from the date of installation in respect of domestic heaters or water heaters or twelve months from the date of delivery in the case of Goods supplied for use in homes or professional areas the Company shall at its sole option:

a. Deliver replacement Goods or any part or parts thereof free of charge.

b. The liability of the Company under these terms and conditions shall be accepted by the Customer in substitution for and to the exclusion of any other claims for direct loss which the Customer has or may have.

c. The Customer should revise the instructions manual and bear in mind the Company recommendations.

16. UNDERFLOOR HEATING SYSTEM REPLACING GUARANTEE

In order for the replacement guarantee to be valid, all installation procedures recommended in the Installation Manual must be followed. Failure to follow the instructions will invalidate the guarantee.

If the installer makes a mistake and damages the net prior to placing the siding, he can return the damaged mesh within 30 days of purchase along with the original invoice with the purchase date. ROINTE WILL REPLACE ANY MESH THAT HAS NOT BEEN COVERED (MAXIMUM 1 MESH) WITH MESH NETWORK OF THE SAME MODEL - FREE.

If damage occurs during coating installation, contact Rointe. Our After Sales Service will offer you the best solution for each case. Remember that you will need to send the purchase invoice to Rointe. Note:

(I) Repaired networks have a 5 year guarantee only. In no event will Rointe be responsible for the repair or replacement of damaged tiles during the repair of the network.

(Li) The replacement guarantee does not cover any other damage, misuse or improper installation due to improper adhesive or subsoil conditions. Limit one free replacement network per client or installer.

(Lii) Damage to the network that occurs after coating, such as lifting a damaged tile once the coating has been placed, or the movement of the subfloor causing damage to the floor, is not covered by the replacement guarantee.

17. HEALTH AND SAFETY

16.1. All Goods are supplied by the Company to the Customer with appropriate fitting and other instructions relating to the fitting and installation of Goods. Certain goods are supplied accompanied by written recommendation from the Company that they should only be fitted or installed by expert and skilled workers and it shall be the responsibility of the Customer to ensure that where the Goods are sold on to a third party they are accompanied by all appropriate safety and fitting instructions.

16.2. Where the Customer fits and installs the Goods itself it shall ensure that the contents of all the safety and fitting instructions are specifically drawn to the attention of its employees.

16.3. The Customer hereby undertakes to take such measures as are communicated in writing to the Customer by the Company and to take such other steps which are sufficient to ensure, so far as is reasonably practicable, that the Goods will at all times be safe and without risk to health when properly used. The Goods shall not be regarded as properly used when they are used without regard to any relevant information or advice relating to their use which is communicated to the Customer by the Company.

16.4. The Customer shall indemnify and keep indemnified the Company in respect of all claims, actions, proceedings, costs, expenses, loss or damage (whether direct, indirect, economic or consequential) including without prejudice to the generality hereof any monetary penalty or fine in respect of or in connection with the Goods arising out of any one or more of the following:

a. under the Health and Safety at work Act 1974 as amended or any regulations orders or directions made thereunder.

b. Resulting from any breach of the Customer's obligations under this terms and conditions.

c. Under the Consumer Protection Act 1987 or any statutory replacement therefor in respect of Goods which were not defective at the time when they were supplied to the Customer.

18. MAINTENANCE

17.1. Radiator
The radiator does not need any maintenance. We recommend cleaning the entire product (rear, lower radiator, upper fins, etc.). Do not use any abrasive on the aluminum, wipe it with a damp cloth and neutral pH soap and the screen with a dry cloth.

To avoid overheating, do not cover the heating appliance. Do not insert any object inside the air inlet and outlet. Do not operate with wet hands. Do not place items containing water, such as glasses, vases, etc., on the radiator. Do not use insecticides, paints or aerosols on the radiator. Do not sit on the radiator or place anything in front of it.

17.2. Towel rails
The towel rails do not need any maintenance. We recommend cleaning the entire product. Do not use any abrasive product on the steel body, wipe it with a damp cloth and neutral pH soap and screen with a dry cloth.

17.3. Water heaters
The Rointe water heaters do not need any special maintenance, except for an annual review of the magnesium anode. To clean the thermostat simply rub the surface with a soft cloth or damp sponge. Do not use abrasive chemicals or detergent.

The guarantee is valid from the date of purchase. In case of failure of the water heater during this period of guarantee, the complete device will be replaced. To guarantee the duration of the water heater, the user is obliged to inspect the magnesium anode wear annually and ask for its replacement in case of excessive wear.

Our guarantee will be applied with the express condition that the electric thermostat & water heater has been correctly installed with the SAFETY UNIT and the PROTECTIVE CAPS that we supply together with the product.

19. SEVERANCE

19.1. In the event that for any reason any provision or provisions in these conditions or any part thereof is or is held to be void or unenforceable or otherwise invalid any Contract made which incorporates these conditions shall continue to be fully binding and the remainder of these conditions shall continue to be effective.

20. WAIVER

20.1. The rights and remedies of the Company under the Contract shall not be diminished waived or extinguished by the granting of any indulgence, forbearance or extension of time by the Company nor by any failure of or delay by the Company in asserting or exercising any such right or remedy.

21. JURISDICTION

21.1. The conditions in each and every Contract made pursuant hereto here shall be governed by and construed in all respects in accordance with the Laws of England and the Company and the Customer irrevocably submits to the exclusive jurisdiction of the English Courts.

21.2. These general terms of sale will apply to all trade relations between the Company and the Customers, and purchases accept these general conditions when making an order.

NOTE: Rointe reserves the right to modify the configuration and presentation of the contents included within this publication. The images published in this publication may not exactly match the final installed product.

Rointe®
heating

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Certification

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