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ROINTE COMMITMENTS

At Rointe, we are committed **to you.**

Our greatest satisfaction is to offer a wide range of energy efficient products that fit our customers needs for warmth and comfort.

Therefore, we have developed and manufactured innovative products that meet our 5 commitments:

MEETS WITH ALL EFFICIENCY REGULATIONS	COMPLETE HEATING SYSTEM 1 UNDER SINGLE CONTROL
EASY TO MAINTAIN*	EASY TO INSTALL INSTALL, CONNECT & PLAY!
	GUARANTEE* UP TO 20 YEARS

*Consult the maintenance and guarantee conditions on page 76.

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- Free technical studies
- Marketing & sales material
- 360° Rointe service
- Network of experts

- Vocational training
- Rointe Club for installers
- After-sales service
- Extended guarantees

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Price list

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General conditions
of sale

Welcome to the future of electric heating, today

This philosophy encapsulates our entrepreneurial spirit. It inspires our work every day and motivates us to continue innovating to create the perfect heating solution that makes your life easier, comfortable and above all, warm.

We believe that everyone needs efficient and affordable heating. With Rointe heating, you have made the right choice. Designed with the customer in mind, our exclusive patents and high quality materials allow us to offer a wide range of sustainable products that provide maximum comfort and control your energy.

Backed by over 30 years of experience and success, we are the trusted name in electric heating, installed in millions of homes and properties throughout Europe, providing a warm, efficient and ecological future to families like yours.



Our mission

Our goal is to create true comfort that is safe, meritable and balances the ecological needs of our world with energy efficiency and lower operating costs.

Therefore, we only develop clean and environmentally friendly electric heating products that are:

Clean, efficient and respectful to the environment.

Easy to install: no pipes, chimneys, boilers or fuel tanks.

Technologically advanced, using only the highest quality European components.



Warmth that transcends borders

We want to offer society, whatever the country, efficient and responsible heating that allows the user control over their consumption at any time and from any place.

As a company, we also endeavour to actively contribute to the social, economic and environmental improvement of our planet.

1985

Rointe begins its journey as ROYAL TERMIC, a small family business that manufactures electric radiators.

1997

Launch of the Royal 00, the first electric radiator with built-in electronics.

1999

Rointe becomes a brand and relocates to new, state of the art facilities in Santomera, Murcia (Spain).



Our values

We are committed to offering you, the customer, products and services of the highest quality. Our success is guided by our commitments to innovation, quality and you:

- Develop the most innovative, sustainable and intelligent electric heating solutions on the market.
- 100% European components of only the highest quality.
- Compliance with the most demanding regulations in safety, quality and health.
- Maximum guarantees on each product.
- Create easy to maintain heating solutions with low failure rates.
- Investment in research, development and improvement of our products.
- 360° service from a team of dedicated professionals.

Excellence in Customer Service:

We're proud of our service and strive to exceed our customers' expectations. That's why we've been awarded Gold Trusted Service status for 2018 from Feefo, an independent seal of excellence based on the comments and reviews from real customers.



Star rating:

4.9/5

Based on comments from real customers who have purchased products from 12/01/2018.

2005

Awarded the 2005 Business Innovation Award for our continuous commitment to product innovation and improvement.

2010

Rointe presents its patented low consumption technology, OPTIMIZER ENERGY PLUS.

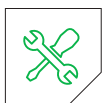
2015

Launch of the D Series range, a complete connected system. The first in the world to include built-in Wi-Fi.



Your heating in 3 easy steps

1. Install your heating product using a Rointe Official Installer



Easy installation

Our products are so easy to install and program. However, we recommend contacting one of our many Official Rointe Installers, to enjoy the comfort of your heating system using our professional service for peace of mind. A template and installation kit is also included to make installation as easy as possible.

Did you know...

We have a network of Official Installers across the UK.

Go to:
www.rointe.co.uk/installers
 to find your nearest one.



2. Connect your heating system to the free Rointe Connect app



Connection without gateways

Your heating product connects directly to your router without gateways. This means a higher data transmission speed, real time synchronisation and an unlimited number of connected heating products. Our servers have a reliability of 99.9% and data is sent securely to the cloud without making any changes to your router.



3. Enjoy complete comfort from your connected heating system



Comfort anytime, anywhere

In just a few simple steps and without complicated installation processes, you can enjoy warmth and comfort.

Thanks to the latest home automation technology, you can manage your heating

installation (radiators, towel rails, underfloor heating and domestic hot water heaters) easily, at any time and from anywhere using Rointe Connect app. You can adjust temperatures and view real-time consumption directly from your smartphone.

Install, connect and play!



Exclusive benefits with Rointe Connect

Monitor, manage and control all products in your heating system from a single app: [Rointe Connect](#).

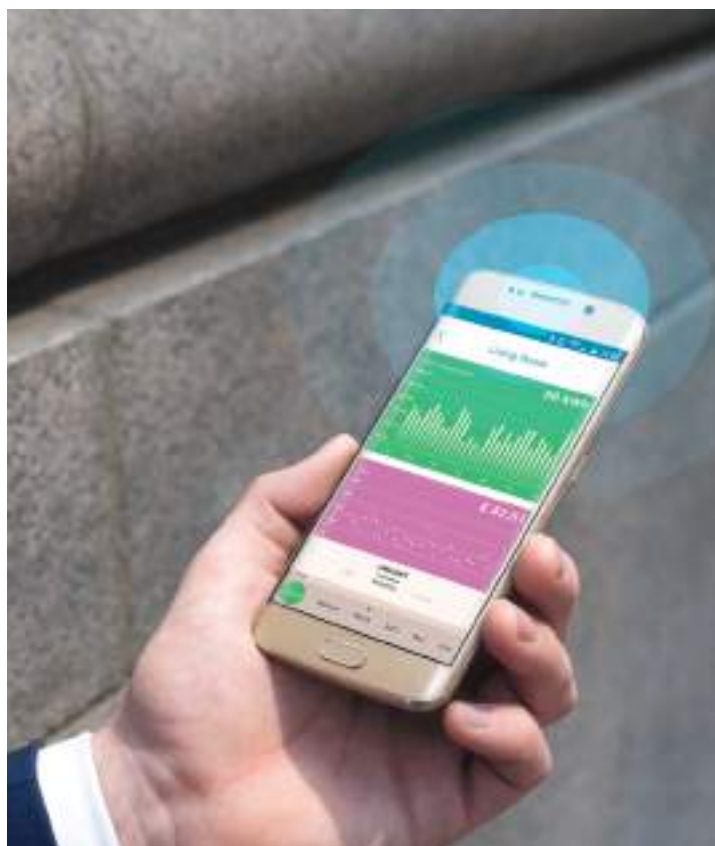
Free interactive application: available for iOS and Android platforms as well as a web app.

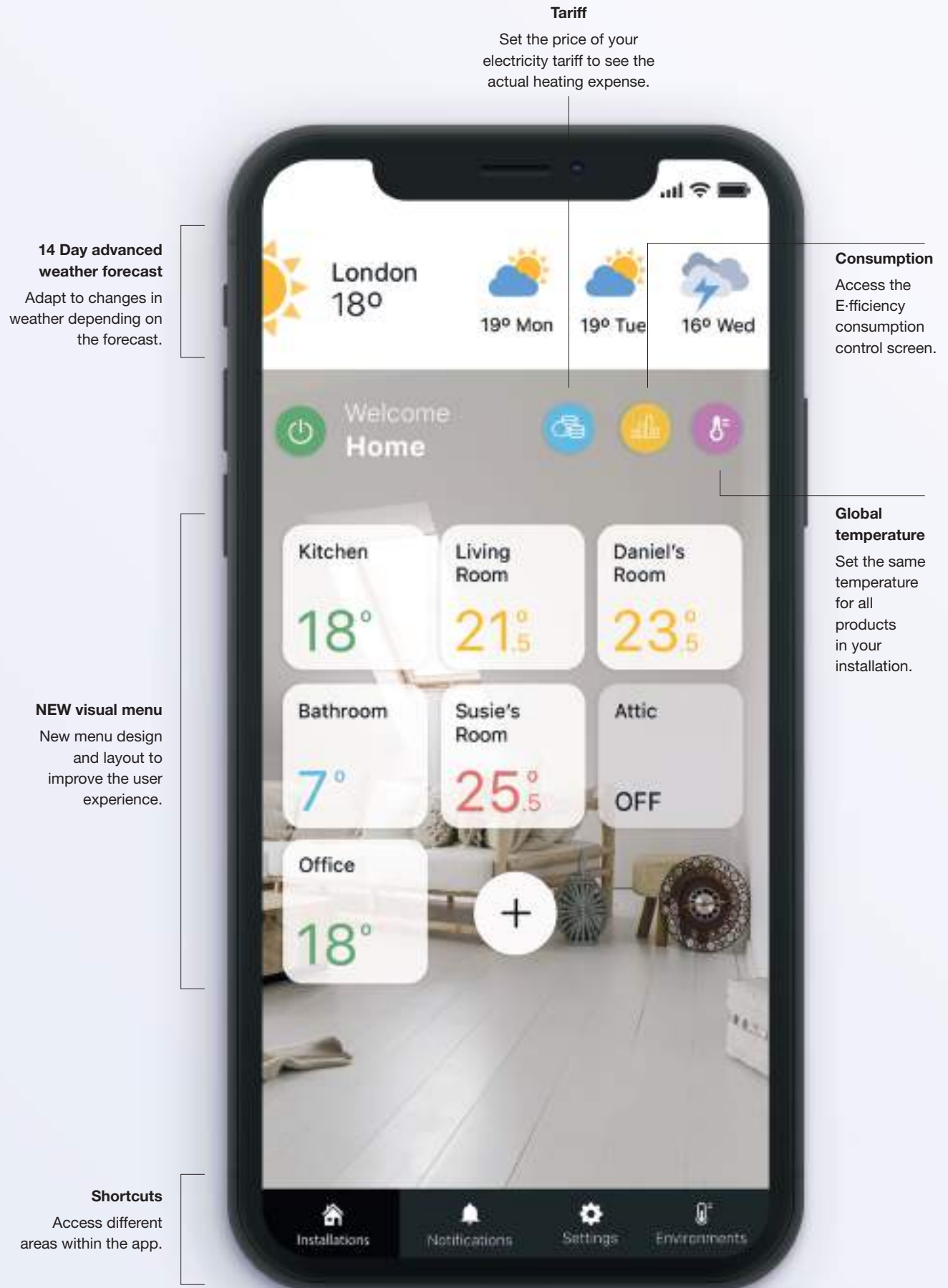
Products connect direct to the internet without gateways.

Display of actual consumption in kWh and cost in £.

Built-in Wi-Fi module with a connection range of up to 100m.*

* Obstacle free. Data published by component manufacturer. Rointe Connect is only available for D Series, Rome & CT.2 thermostat.





Rointe Connect App: the new platform to manage your comfort

Rointe Connect is the exclusive, free control app for our electric radiators, towel rails, domestic hot water heaters and underfloor heating.

Designed for easy management and suitable for every type of user, Rointe Connect gives you complete control of your heating system, anytime, anywhere. It puts the comfort of your home in the palm of your hand. Our app turns your smartphone into a central thermostat, connected remotely through your Wi-Fi network, to manage all the products in your installation 24/7. You can monitor and adjust the consumption, and temperature of your intelligent Rointe heating system from any location, at any time.



Responsive interface

Adaptable with all sizes and compatible with your smartphone, tablet and PC.

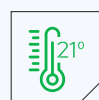
NEW interface: modern, interactive design for functionality



NEW design for an improved experience.



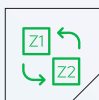
Advanced weather forecast over 14 days.



Establish the same **temperature across all products** in installation.



Simple E-efficiency menu. Easy to access and use.



Duplicate schedules in different zones of the same installation.



NEW web portal. Access the new online control platform for web - FAQs, live chat etc.



Push notifications. Available on lock screen for information on your installation.



Create environments to execute a series of changes in an installation - leave home, go to bed etc.

Real cost control of your electric heating system

We know how important it is to maximise energy and cost savings, without impacting on comfort. That's why our Rointe Connect app includes our exclusive "Cost tracking" function.

You'll have the ability to view real-time data related to the cost of your heating by each individual product. Alongside the actual consumption meter within your product, you can enter the kWh price and then view the estimated cost of your heating. You can also set spending limits and access detailed statistics - consumption, and temperature.

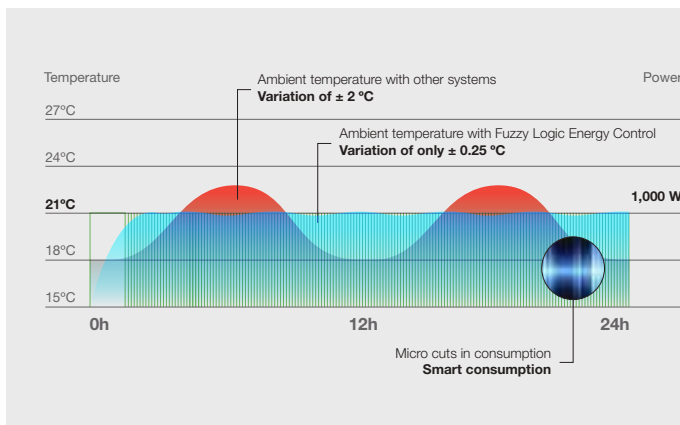


Energy optimisation with ECO-technology

All our products include patented low consumption technologies, developed exclusively by our electric heating experts, to reduce your electricity costs without reducing comfort.

These technologies improve the energy management required to maintain a stable temperature by accurately analysing thermal variations with precision, transferring warmth and comfort in the most efficient way, **using only 38% of its nominal power (the equivalent coefficient ratio of consumption)*.**

OPTIMIZER
ENERGY PRO

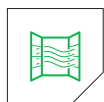


Smart technology with low consumption

Our unique advanced technology predicts the energy required to reach the desired temperature. Once reached, its intelligent algorithm generates thousands of micro cuts in energy consumption to maintain a stable temperature within a thermal variation of only $\pm 0.25^{\circ}\text{C}$ (compared to $\pm 2^{\circ}\text{C}$ in other competing systems). **Therefore, our products only need an average of 38% of their nominal power.***

* Detailed information on page 68.

Energy saving functions



Open Windows

Activates Anti-frost mode (7°C) if the sensor detects a temperature drop in the room of 4°C in a 30 minute time period.



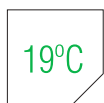
Anti-frost

Includes a mode for anti-frost of 7°C in manual mode. If the temperature falls below this, your heating is switched on to protect the room against frost.



Product lock

Lock the control panel of your product, so temperature and programming cannot be tampered with.



Equilibrium (Kyros & D Series)

Balances your heating product back to a constant temperature of 19°C in manual mode.



Efficiency indicator (Kyros & D Series)

Indicates the energy efficiency of the set temperature through a traffic light colour system - red, green and amber.



Pilot Wire**

Control via a central thermostat.



Presence Detect**

Reduces the temperature if there is no-one in the room.

** Not available on all models. Only available upon request.



Ecological electric heating

We develop clean, safe, reliable and eco-friendly digital electric heating products that respect the environment that surrounds us.

All our products comply with the most stringent manufacturing regulations and meet (or even exceed) all the required safety, quality and ecological directives.

Our own quality controls plus those of external companies, certify maximum safety, reliability and efficiency of each of our products. This distinguishes us from competitors and ensures we exceed customer expectations.



Rointe: a pioneer in compliance with the ECODESIGN Directive



We have not needed to adapt our products to the new European standards, unlike others. Our products already met, and even exceeded in some cases, the minimum efficiency required.

Our products:

- Do not burn harmful fossil fuels.
- Do not contain heavy metals such as lead or mercury.
- Do not emit polluting gases.
- Use ecological and biodegradable thermal fluid.



For more information, go to:
www.ecodesignheating.com



All Rointe technologies and products have been tested and certified in independent laboratories (CEIS and CETENMA). Test reports available upon request. Please contact us.



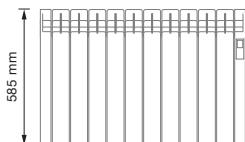


D Series radiators

Electric digital and connected radiators

FORMAT

Horizontal



FINISH

Four finishes available



White
RAL 9016



Graphite
forge effect



DesignLine
RAL Colour



DesignLine
Special finishes

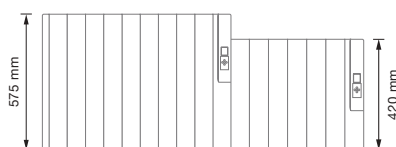
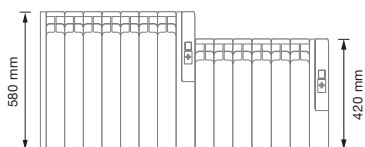


Kyros & Sygma radiators

Electric digital radiators

FORMAT

Horizontal with two heights available



FINISH

One finish available



White
RAL 9010



230V IP24C CE RoHS FC

D Series

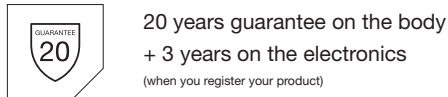
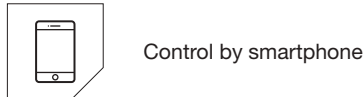
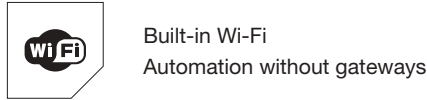
Digital connected electric radiator with low consumption

equivalent coefficient ratio of
CONSUMPTION
(more information on page 70)

38%

ECODESIGN
ACHIEVES & EXCEEDS ALL EFFICIENCY REGULATIONS
WWW.ECODESIGNHEATING.COM

LOT
20



NEW design:
touch control
panel



TECHNICAL INFORMATION

Armoured steel heating element	✓
100% aluminium body	✓
Biodegradable, high heat transfer fluid	✓
Touch control panel in PC/ABS	✓
Fuzzy Logic Energy Control technology	✓
Wi-Fi Inside	✓
E-life Technology: home automation	✓
TRP energy meter	✓
Wi-Fi communication	✓
Infrared communication	✓
Temperature stability	±0.25 °C
Air speed	< 0.1 m/s
Average surface temperature	43 °C
Protection Grade	IP24C

FUNCTIONS

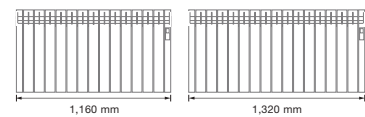
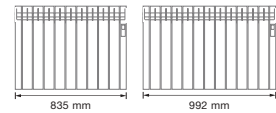
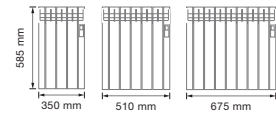
Anti-frost / Comfort / ECO / User mode	✓
Manual / Automatic functions	✓
TFT screen with customisable colours	✓
Open Windows function	✓
24/7 programming	✓

INSTALLATION

Template & installation kit	✓
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REGULATIONS & GUARANTEES

2004/108/CE Electromagnetic comp.	✓
2006/95/CE Low voltage directive	✓
UE 2015/1188 ECODESIGN (ERP)	✓
Guarantee on the aluminium body	20 years
Guarantee on the electronics	3 years



MODELS	WHITE	DIW0330RAD	DIW0550RAD	DIW0770RAD	DIW0990RAD	DIW1210RAD	DIW1430RAD	DIW1600RAD
	GRAPHITE	DIB0330RAD	DIB0550RAD	DIB0770RAD	DIB0990RAD	DIB1210RAD	DIB1430RAD	DIB1600RAD
Elements		3	5	7	9	11	13	15
Nominal Power (W)		330	550	770	990	1,210	1,430	1,600
Effective Power (W)*		125	209	293	376	460	543	608
DIMENSIONS								
Width x height x depth (mm)		350 x 585 x 97	510 x 585 x 97	675 x 585 x 97	835 x 585 x 97	992 x 585 x 97	1,160 x 585 x 97	1,320 x 585 x 97
Installed depth (mm)		120	120	120	120	120	120	120
CHARACTERISTICS								
Weight (Kg)		7.7	12.2	16.4	20.4	24.1	25.9	32.1
Finishes		White RAL 9016, Graphite, RAL colour & special finishes**						
EAN CODE	WHITE	8436045913708	8436045913715	8436045913722	8436045913739	8436045913746	8436045913753	8436045913760
	GRAPHITE	8436045913777	8436045913784	8436045913791	8436045913807	8436045913814	8436045913821	8436045913838

* In tests performed by independent laboratories (under the same parameters), a radiator with Fuzzy Logic Energy Control technology and another with Optimizer Energy Plus (the first Roite energy control technology) were compared. A difference in energy consumption of 6.3% was obtained. This saving allows the radiators with Fuzzy Logic Energy Control to use an average power of only 38% of the nominal power. We define this as the equivalent consumption coefficient. If we multiply the nominal power by the equivalent consumption coefficient, we obtain the effective power. More information on page 68. ** RAL colour & special finishes chart available on page 25.



230V IP24C  

Kyros

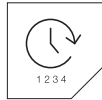
Digital electric radiator with low consumption

equivalent coefficient ratio of
CONSUMPTION
(more information on page 70)

38%

ECODESIGN
ACHIEVES & EXCEEDS ALL EFFICIENCY REGULATIONS
WWW.ECODESIGNHEATING.COM

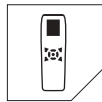
LOT 20



4 pre-installed programs
(see more information on page 55)



Interactive visual menu
with icons



Compatible with Air Control
remote (not included)



20 years guarantee on the body
+ 3 years on the electronics
(when you register your product)



TECHNICAL INFORMATION

Armoured steel heating element	✓
High purity aluminium elements	✓
Flame retardant side closures in PC/ABS	✓
Biodegradable, high heat transfer fluid	✓
Control panel with mechanical keypad	✓
Fuzzy Logic Energy Control technology	✓
Infrared communication	✓
Temperature stability	±0.25 °C
Air speed	< 0.1 m/s
Average surface temperature	43 °C
Protection Grade	IP24C

FUNCTIONS

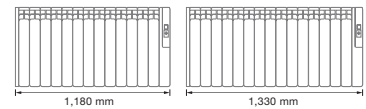
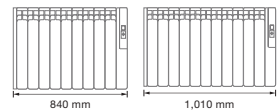
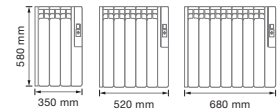
Anti-frost / Comfort / ECO / User mode	✓
4 pre-installed programs	✓
Interactive menu with icons	✓
Manual / Automatic function	✓
Open Windows function	✓
24/7 programming	✓

INSTALLATION

Template & installation kit	✓
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REGULATIONS & GUARANTEES

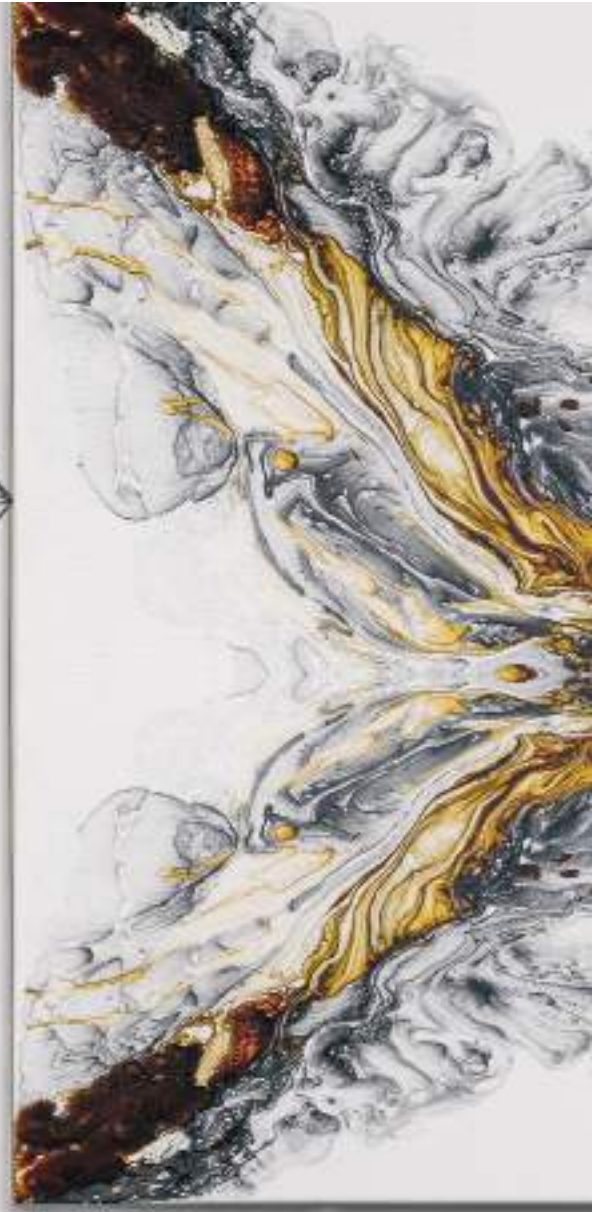
2004/108/CE Electromagnetic comp.	✓
2006/95/CE Low voltage directive	✓
UE 2015/1188 ECODESIGN (ERP)	✓
Guarantee on the aluminium body	20 years
Guarantee on the electronics	3 years



MODELS	KRI0330RAD3	KRI0550RAD3	KRI0770RAD3	KRI0990RAD3	KRI1210RAD3	KRI1430RAD3	KRI1600RAD3
Elements	3	5	7	9	11	13	15
Nominal Power (W)	330	550	770	990	1,210	1,430	1,600
Effective Power (W)*	125	209	293	376	460	543	608
DIMENSIONS							
Width x height x depth (mm)	350 x 580 x 98	520 x 580 x 98	680 x 580 x 98	840 x 580 x 98	1,010 x 580 x 98	1,180 x 580 x 98	1,330 x 580 x 98
Installed depth (mm)	120	120	120	120	120	120	120
CHARACTERISTICS							
Weight (Kg)	7.7	12.2	16.4	20.4	24.1	25.9	32.1
Finishes	White RAL 9010						
EAN CODE	8436045917256	8436045917263	8436045917270	8436045917287	8436045917294	8436045917300	8436045917317

* In tests performed by independent laboratories (under the same parameters), a radiator with Fuzzy Logic Energy Control technology and another with Optimizer Energy Plus (the first Roite energy control technology) were compared. A difference in energy consumption of 6.3% was obtained. This saving allows the radiators with Fuzzy Logic Energy Control to use an average power of only 38% of the nominal power. We define this as the equivalent consumption coefficient. If we multiply the nominal power by the equivalent consumption coefficient, we obtain the effective power. More information on page 68.

CONTRACTORS RANGE
Only available for projects



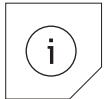
230V IP24C  equivalent coefficient ratio of
CONSUMPTION
(more information on page 70)

40%

Ecodesign
ACHIEVES & EXCEEDS ALL EFFICIENCY REGULATIONS
WWW.ECODESIGNHEATING.COMLOT
20

Syigma

Digital electric radiator with low consumption

Only available for projects and
upon request

(contact us for more information)

Compatible with Basic Control
remote & pre-installed programs

(not included)

10 years guarantee on the body
+ 2 years on the electronics

(when you register your product)



TECHNICAL INFORMATION

Armoured steel heating element	✓
High purity aluminium elements	✓
Flame retardant side closures in PC/ABS	✓
Biodegradable, high heat transfer fluid	✓
Control panel with mechanical keypad	✓
Optimizer Energy Plus technology	✓
Infrared communication	✓
Temperature stability	±0.25 °C
Air speed	< 0.1 m/s
Average surface temperature	43 °C
Protection Grade	IP24C

FUNCTIONS

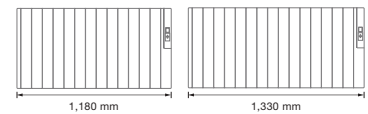
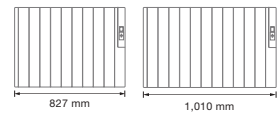
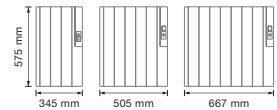
Anti-frost / Comfort / ECO / User mode	✓
Manual / Automatic function	✓
Open Windows function	✓
24/7 programming	✓

INSTALLATION

Template & installation kit	✓
-----------------------------	---

REGULATIONS & GUARANTEES

2004/108/CE Electromagnetic comp.	✓
2006/95/CE Low voltage directive	✓
UE 2015/1188 ECODESIGN (ERP)	✓
Guarantee on the aluminium body	10 years
Guarantee on the electronics	2 years



MODELS	SRI0330RAD2	SRI0550RAD2	SRI0770RAD2	SRI0990RAD2	SRI1210RAD2	SRI1430RAD2	SRI1600RAD2
Elements	3	5	7	9	11	13	15
Nominal Power (W)	330	550	770	990	1,210	1,430	1,600
Effective Power (W)*	132	220	308	396	484	572	640
DIMENSIONS							
Width x height x depth (mm)	345 x 575 x 98	505 x 575 x 98	667 x 575 x 98	827 x 575 x 98	1,010 x 575 x 98	1,180 x 575 x 98	1,330 x 575 x 98
Installed depth (mm)	120	120	120	120	120	120	120
CHARACTERISTICS							
Weight (Kg)	8	12	16	20	24	28	32
Finishes	White RAL 9010						
EAN CODE	8436045914828	8436045914835	8436045914842	8436045914859	8436045914866	8436045914873	8436045914880

* In tests conducted by independent laboratories, heating was simulated in a 12 m² climatic chamber, under pre-established parameters and at a set temperature of 21°C. Once the tests were completed, an average power output of 40% of the rated power was obtained. This is what we define as the equivalent coefficient of consumption. If we multiply the nominal power by the equivalent coefficient of consumption, we obtain the effective power.



230V IP24C CE RoHS

Kyros conservatory

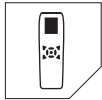
Reduced height digital electric radiator for under windows



4 pre-installed programs
(see more information on page 55)



Interactive visual menu
with icons



Compatible with Air Control
remote (not included)



20 years guarantee on the body
+ 3 years on the electronics
(when you register your product)



TECHNICAL INFORMATION

Armoured steel heating element	✓
High purity aluminium elements	✓
Flame retardant side closures in PC/ABS	✓
Biodegradable, high heat transfer fluid	✓
Control panel with mechanical keypad	✓
Fuzzy Logic Energy Control technology	✓
Infrared communication	✓
Temperature stability	±0.25 °C
Air speed	< 0.1 m/s
Average surface temperature	43 °C
Protection Grade	IP24C

FUNCTIONS

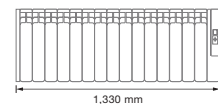
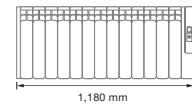
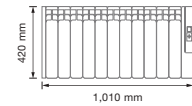
Anti-frost / Comfort / ECO / User mode	✓
4 pre-installed programs	✓
Interactive menu with icons	✓
Manual / Automatic function	✓
Open Windows function	✓
24/7 programming	✓

INSTALLATION

Template & installation kit	✓
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REGULATIONS & GUARANTEES

2004/108/CE Electromagnetic comp.	✓
2006/95/CE Low voltage directive	✓
UE 2015/1188 ECODESIGN (ERP)	✓
Guarantee on the aluminium body	20 years
Guarantee on the electronics	3 years



MODELS	KRI1100RADC3	KRI1300RADC3	KRI1500RADC3
Elements	11	13	15
Nominal power (W)	1,100	1,300	1,500
DIMENSIONS			
Width x height x depth (mm)	1,010 x 420 x 98	1,180 x 420 x 98	1,330 x 420 x 98
Installed depth (mm)	120	120	120
CHARACTERISTICS			
Weight (Kg)	17.9	21.4	24.8
Finishes		White RAL 9010	
EAN CODE	8436045915894	8436045915900	8436045915917

CONTRACTORS RANGE
Only available for projects



230V IP24C CE RoHS

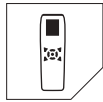


Syigma conservatory

Reduced height digital electric radiator for under windows



Only available for projects and upon request
(contact us for more information)



Compatible with Basic Control remote & pre-installed programs
(not included)



10 years guarantee on the body
+ 2 years on the electronics
(when you register your product)



TECHNICAL INFORMATION

Armoured steel heating element	✓
High purity aluminium elements	✓
Flame retardant side closures in PC/ABS	✓
Biodegradable, high heat transfer fluid	✓
Control panel with mechanical keypad	✓
Fuzzy Logic Energy Control technology	✓
Infrared communication	✓
Temperature stability	±0.25 °C
Air speed	< 0.1 m/s
Average surface temperature	43 °C
Protection Grade	IP24C

FUNCTIONS

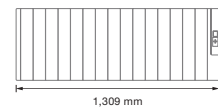
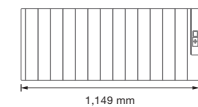
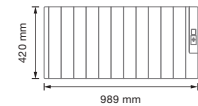
Anti-frost / Comfort / ECO / User mode	✓
Manual / Automatic function	✓
Open Windows function	✓
24/7 programming	✓

INSTALLATION

Template & installation kit	✓
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REGULATIONS & GUARANTEES

2004/108/CE Electromagnetic comp.	✓
2006/95/CE Low voltage directive	✓
UE 2015/1188 ECODESIGN (ERP)	✓
Guarantee on the aluminium body	10 years
Guarantee on the electronics	2 years



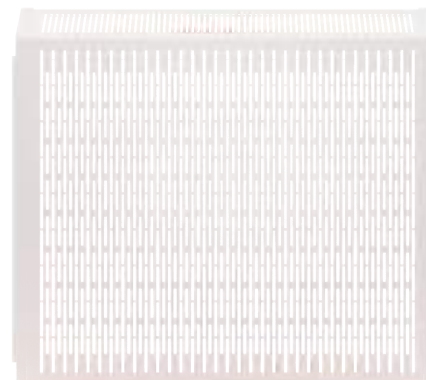
MODELS	SRI1100RADC2	SRI1300RADC2	SRI1500RADC2
Elements	11	13	15
Nominal power (W)	1,100	1,300	1,500
DIMENSIONS			
Width x height x depth (mm)	989 x 420 x 98	1,149 x 420 x 98	1,309 x 420 x 98
Installed depth (mm)	120	120	120
CHARACTERISTICS			
Weight (Kg)	17.9	21.4	24.8
Finishes		White RAL 9010	
EAN CODE	8436045914897	8436045914907	8436045914910

Protective grills

for Rointe radiators



This protection system has been designed exclusively for Rointe digital electric radiators to prevent direct contact with the surface of the radiator, eliminating the risk of burns and preventing foreign objects being introduced into the radiator. We recommend these protective grills are installed in areas such as nurseries, schools, homes for the elderly, hospices and public buildings.



TECHNICAL INFORMATION

Material Lacquered metal

GUARANTEES

Guarantee 2 years

D Series

Protective grill for D Series radiators

MODELS	WHITE GRAPHITE	RDW0550 RDB0550	RDW0770 RDB0770	RDW0990 RDB0990	RDW1210 RDB1210	RDW1430 RDB1430	RDW1600 RDB1600
Compatible with	WHITE GRAPHITE	DIW0550RAD DIW0330RAD DIB0550RAD DIB0330RAD	DIW0770RAD DIB0770RAD	DIW0990RAD DIB0990RAD	DIW1210RAD DIB1210RAD	DIW1430RAD DIB1430RAD	DIW1600RAD DIB1600RAD
DIMENSIONS							
Width x height x depth (mm)		600 x 660 x 150	760 x 660 x 150	920 x 660 x 150	1090 x 660 x 150	1260 x 660 x 150	1410 x 660 x 150
CHARACTERISTICS							
Weight (Kg)		8.1	9	10.6	11.8	13.1	14.4
Finishes		White RAL 9010 / Graphite					
EAN CODE	WHITE GRAPHITE	8436045915993 8436045916068	8436045916006 8436045916075	8436045916013 8436045916082	8436045916020 8436045916099	8436045916037 8436045916105	8436045916044 8436045916112

Kyros

Protective grill for Kyros & Kyros short radiators

MODELS		RKY0550	RKY0770	RKY0990	RKY1210	RKY1430	RKY1600	Short models for under windows		
	KYROS	KRI0550RAD3 KRI0330RAD3	KRI0770RAD3	KRI0990RAD3	KRI1210RAD3	KRI1430RAD3	KRI1600RAD3	RKY1100	RKY1300	RKY1500
Compatible with								KRI1100RAD3C3	KRI1300RAD3C3	KRI1500RAD3C3
DIMENSIONS										
Width x height x depth (mm)		600 x 660 x 150	760 x 660 x 150	920 x 660 x 150	1090 x 660 x 150	1260 x 660 x 150	1410 x 660 x 150	1090 x 500 x 150	1260 x 500 x 150	1410 x 500 x 150
CHARACTERISTICS										
Weight (Kg)		8.1	9	10.6	11.8	13.1	14.4	10.8	12.1	13.4
Finishes		White RAL 9010								
EAN CODE		8436045914392	8436045914408	8436045914415	8436045914422	8436045914439	8436045914446	8436045914453	8436045914460	8436045914477

Syigma

Protective grill for Syigma & Syigma short radiators

MODELS		RSY0550	RSY0770	RSY0990	RSY1210	RSY1430	RSY1600	Short models for under windows		
	SYGMA	SRI0550RAD3 SRI0330RAD3	SRI0770RAD3	SRI0990RAD3	SRI1210RAD3	SRI1430RAD3	SRI1600RAD3	RSY1100	RSY1300	RSY1500
Compatible with								SRI1100RAD3C3	SRI1300RAD3C3	SRI1500RAD3C3
DIMENSIONS										
Width x height x depth (mm)		600 x 660 x 150	760 x 660 x 150	920 x 660 x 150	1090 x 660 x 150	1260 x 660 x 150	1410 x 660 x 150	1090 x 500 x 150	1260 x 500 x 150	1410 x 500 x 150
CHARACTERISTICS										
Weight (Kg)		8.1	9	10.6	11.8	13.1	14.4	10.8	12.1	13.4
Finishes		White RAL 9010								
EAN CODE		8437007080018	8437007080025	8437007080032	8437007080049	8437007080056	8437007080063	8437007080070	8437007080087	8437007080094

DESIGNLINE

With more than 28 colors and 8 special finishes available, Rointe offers you the widest range of aesthetic solutions to reflect your personality with colours inspired by you. Choose your style today for the perfect finish to any interior or decoration.

Contact us on 0203 321 5928 and request the Rointe DESIGNLINE Finishes catalogue, which includes samples and prices for each finish.

Colours

					
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 Sapphire 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		

Special finishes



Special and RAL colour finishes offered exclusively in the D Series range and upon request. Contact us to know delivery times and minimum quantities. The reproduction of colours and finishes in this catalogue does not allow the exact representation of the tones, brightness and colors of the radiators, so its simulation is indicative.



D Series towel rails

Electric digital and connected towel rails

FINISH

Five finishes available



White
RAL 9016



Graphite
forge effect



Exclusive
Chrome



DesignLine
RAL Colours



DesignLine
Special finishes



Kyros & Sygma towel rails

Electric digital towel rails

FINISH

Two finishes available



White
RAL 9016



Exclusive
Chrome



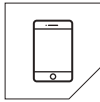
230V IP44 CE RoHS FC

D Series

Digital connected electric towel rail



Built-in Wi-Fi
Automation without gateways



Control by smartphone



Consumption indicator



10 years guarantee on the body
+ 2 years on the electronics
(when you register your product)



NEW design:
touch control
panel



TECHNICAL INFORMATION

Armoured steel heating element	✓
Slightly curved design with steel body	✓
Biodegradable, high heat transfer fluid	✓
Touch control panel in PC/ABS	✓
Wi-Fi Inside	✓
E-life Technology: home automation	✓
TRP energy meter	✓
Wi-Fi communication	✓
Infrared communication	✓
Protection Grade	IP44
Class II	✓

FUNCTIONS

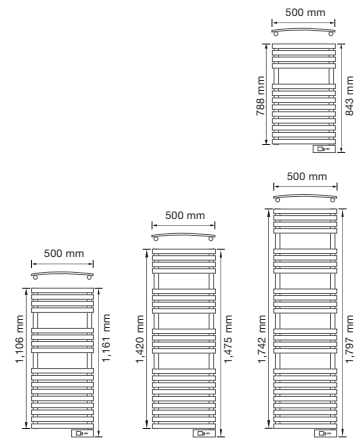
Anti-frost / Comfort / ECO / User mode	✓
Manual / Automatic functions	✓
15, 30, 60 or 120 minutes boost function	✓
TFT screen with customisable colours	✓
Open Windows function	✓
24/7 programming	✓

INSTALLATION

Template & installation kit	✓
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REGULATIONS & GUARANTEES

2004/108/CE Electromagnetic comp.	✓
2006/95/CE Low voltage directive	✓
UE 2015/1188 ECODSIGN (ERP)	✓
Guarantee on the steel body	10 years
Guarantee on the electronics	2 years



MODELS	WHITE	DTI030SEW	DTI045SEW	DTI060SEW	DTI075SEW
	GRAPHITE	DTI030SEB	DTI045SEB	DTI060SEB	DTI075SEB
	CHROME	DTI030SEC	DTI045SEC	DTI060SEC	DTI075SEC
Nominal power (W)	White / Graphite / RAL Chrome	300 300	450 300	600 450	750 600
DIMENSIONS					
Width x height x depth (mm)		500 x 843 x 55	500 x 1,161 x 55	500 x 1,475 x 55	500 x 1,797 x 55
Installed depth (mm)		100	100	100	100
CHARACTERISTICS					
Weight (Kg)		13	17	21	25
Finishes	White RAL 9016, Graphite, Chrome, RAL colour & special finishes*				
EAN CODE	WHITE	8436045913920	8436045913937	8436045913944	8436045913951
	GRAPHITE	8436045913883	8436045913890	8436045913906	8436045913913
	CHROME	8436045913845	8436045913852	8436045913869	8436045913876

* RAL colour & special finishes chart available on page 35.



230V IP44 CE RoHS



Kyros

Digital electric towel rail



4 pre-installed programs

(see more information on page 55)



Interactive visual menu
with icons



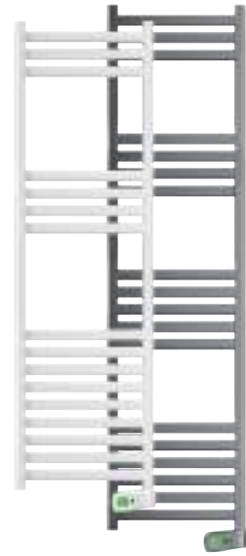
Compatible with Air Control
remote (not included)



10 years guarantee on the body

+ 2 years on the electronics

(when you register your product)



TECHNICAL INFORMATION

Armoured steel heating element	✓
Straight design with steel body	✓
Biodegradable, high heat transfer fluid	✓
Control panel with mechanical keypad	✓
Infrared communication	✓
Protection Grade	IP44
Class II	✓

FUNCTIONS

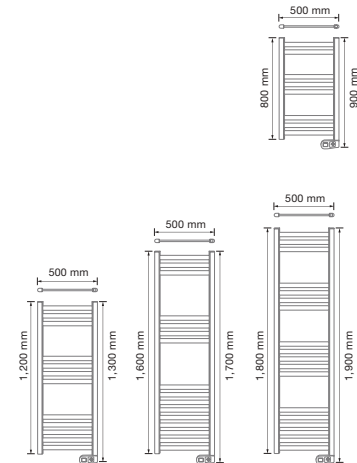
Anti-frost / Comfort / ECO / User mode	✓
4 pre-installed programs	✓
Interactive menu with icons	✓
Manual / Automatic functions	✓
15, 30, 60 or 120 minutes boost function	✓
Open Windows function	✓
24/7 programming	✓

INSTALLATION

Template & installation kit	✓
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REGULATIONS & GUARANTEES

2004/108/CE Electromagnetic comp.	✓
2006/95/CE Low voltage directive	✓
UE 2015/1188 ECODESIGN (ERP)	✓
Guarantee on the steel body	10 years
Guarantee on the electronics	2 years



MODELS	WHITE	KT1030SEB3	KT1050SEB3	KT1075SEB3	KT1100SEB3
	CHROME	KT1030SEC3	KT1050SEC3	KT1075SEC3	KT1100SEC3
Nominal Power (W)	White Chrome	300 300	500 300	750 500	1,000 750
DIMENSIONS					
Width x height x depth (mm)		500 x 900 x 50	500 x 1,300 x 50	500 x 1,700 x 50	500 x 1,900 x 50
Installed depth (mm)		100	100	100	100
CHARACTERISTICS					
Weight (Kg)		11	15	22	28
Finishes		White RAL 9016, Chrome			
EAN CODE	WHITE	8436045917379	8436045917386	8436045917393	8436045917409
	CHROME	8436045917331	8436045917348	8436045917355	8436045917362

CONTRACTORS RANGE
Only available for projects

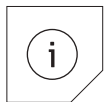


230V IP44 CE RoHS



Syigma

Digital electric towel rail



Only available for projects and upon request
(contact us for more information)



Compatible with Basic Control remote & pre-installed programs
(not included)



10 years guarantee on the body
+ 2 years on the electronics
(when you register your product)



TECHNICAL INFORMATION

Armoured steel heating element	✓
Slight curved design with steel body	✓
Biodegradable, high heat transfer fluid	✓
Control panel with mechanical keypad	✓
Infrared communication	✓
Protection Grade	IP44
Class II	✓

FUNCTIONS

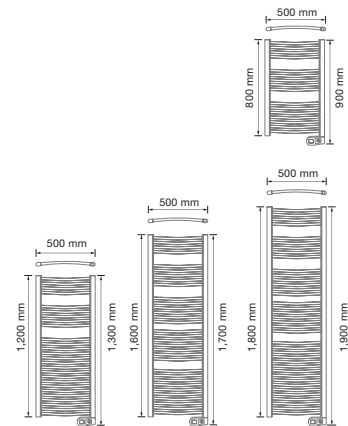
Anti-frost / Comfort / ECO mode	✓
Manual / Automatic functions	✓
120 minutes boost function	✓
Open Windows function	✓
24/7 programming	✓

INSTALLATION

Template & installation kit	✓
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REGULATIONS & GUARANTEES

2004/108/CE Electromagnetic comp.	✓
2006/95/CE Low voltage directive	✓
UE 2015/1188 ECODESIGN (ERP)	✓
Guarantee on the steel body	10 years
Guarantee on the electronics	2 years



MODELS	WHITE	STI030SEB2	STI050SEB2	STI075SEB2	STI100SEB2
	CHROME	STI030SEC2	STI050SEC2	STI075SEC2	STI100SEC2
Nominal power (W)	White	300	500	750	1,000
	Chrome	300	300	500	750
DIMENSIONS					
Width x height x depth (mm)		500 x 900 x 50	500 x 1,300 x 50	500 x 1,700 x 50	500 x 1,900 x 50
Installed depth (mm)		100	100	100	100
CHARACTERISTICS					
Weight (Kg)		11	15	22	28
Finishes	White RAL 9016, Chrome				
EAN CODE	WHITE	8436045913081	8436045913098	8436045913104	8436045913111
	CHROME	8436045912923	8436045912930	8436045912947	8436045912954

Accessories

Hanger

for towel rails



This essential accessory allows you to place more towels, or even hang bathrobes, on our towel rails (without exceeding the maximum supported weight of 1kg per unit.)

TECHNICAL INFORMATION

Material	Steel
Units per pack	2

REGULATIONS & GUARANTEES

Guarantee	2 years
-----------	---------



MODELS	WHITE	RSHW002
	GRAPHITE	RSHB002
		CHROME
		RSHC002
DIMENSIONS		
Width x depth (mm)		35 x 70
CHARACTERISTICS		
Maximum supported weight (Kg)		1
Finishes		White RAL 9016 Chrome Graphite
EAN CODE		WHITE 8436045917010 GRAPHITE 8436045917041 CHROME 8436045917027

Rack

for towel rails



This essential accessory allows you to place more towels on the towel rail (without exceeding the maximum supported weight of 2kg). It also allows more space between the towels and the towel rail.

TECHNICAL INFORMATION

Material	Steel
Units per pack	1

REGULATIONS & GUARANTEES

Guarantee	2 years
-----------	---------



MODELS	WHITE	RSRW002
	GRAPHITE	RSRB002
		CHROME
		RSRC002
DIMENSIONS		
Width x depth (mm)		410 x 150
Inner tube diameter		16
Outer tube diameter (mm)		22
CHARACTERISTICS		
Maximum supported weight (Kg)		2
Finishes		White RAL 9016 Graphite Chrome
EAN CODE		WHITE 8436045916983 GRAPHITE 8436045916990 CHROME 8436045917089

DESIGNLINE

With more than 28 colors and 8 special finishes available, Rointe offers you the widest range of aesthetic solutions to reflect your personality with colours inspired by you. Choose your style today for the perfect finish to any interior or decoration.

Contact us on 0203 321 5928 and request the Rointe DESIGNLINE Finishes catalogue, which includes samples and prices for each finish.

Colours

					
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 Sapphire 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		

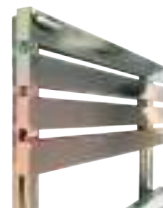
Special finishes



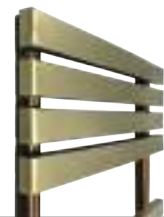
Aura
Brilliant gold 24K



Solar
Copper satin



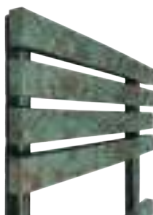
Seychelles
Zinc bi-chrome



Damascus
Old blackened gold



Maldives
Copper black



Amazon
Green oxide



Detroit
Smooth oxide



Tokyo
Satin oxide

Special and RAL colour finishes offered exclusively in the D Series range and upon request. Contact us to know delivery times and minimum quantities. The reproduction of colours and finishes in this catalogue does not allow the exact representation of the tones, brightness and colors of the radiators, so its simulation is indicative.



NEW - D.H.W. unvented heaters

A wide variety of domestic hot water heaters (unvented) including: compact, basic, instant and heat pumps.

MODELS

Five new solutions tailored to meet your domestic hot water needs.







Rome connected

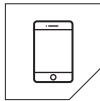
Digital electric connected D.H.W. unvented heater with low consumption

230V IP24 CE RoHS FC

Energy classification **C**



Built-in Wi-Fi
Automation without gateways



Control by smartphone



Consumption indicator



5 years guarantee on the tank
+ 2 years on all other parts
(when you register your product)



Exclusive thermal
break system



TECHNICAL INFORMATION

Ceramic heating element	✓
Enamelled steel tank	✓
Magnesium anode protector	✓
CFC-free polyurethane insulation foam	✓
Touch control panel in PC/ABS	✓
Wi-Fi Inside	✓
E-life Technology: home automation	✓
TRP energy meter	✓
Wi-Fi communication	✓
Infrared communication	✓
Maximum working pressure (bars)	8
Protection Grade	IP24
Energy Classification	C

FUNCTIONS

Anti-frost / Comfort / ECO / User mode	✓
Manual / Automatic function	✓
TFT screen with customisable colours	✓
Anti-legionella function	✓
Temperature evolution function	✓
24/7 programming	✓

INSTALLATION

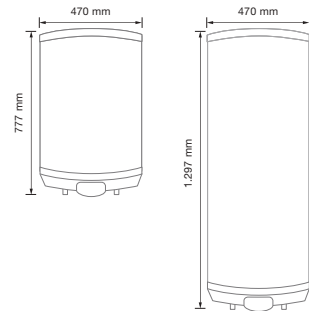
Support tripod (optional)	✓
Installation position	Vertical
Safety valve	✓

SECURITY

Safety thermostat	✓
Anti-legionella disinfection cycle	✓

REGULATIONS & GUARANTEES

2004/108/CE Electromagnetic comp.	✓
2006/95/CE Low voltage directive	✓
Guarantee on the inner tank	5 years
Guarantee on all other parts	2 years



MODELS	RWI080DHW4	RWI150DHW4
Volume (L)	80	150
Load profile	M	XL
Nominal power (W)	2,400	2,400
DIMENSIONS		
Diameter x height (mm)	470 x 777	470 x 1,297
Installed depth (mm)	487	487
Distance between connections (mm)	100	100
CHARACTERISTICS		
Empty weight (Kg)	25.2	38.5
Water connections (inches)	1/2"	1/2"
Finishes	White RAL 9016 (tank) Black RAL 9005 (control panel)	
EAN CODE	8436045913074	8436045913531

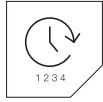


Siena

Digital electric D.H.W. unvented heater

230V IP24  

Energy classification 



4 pre-installed programs
(see more information on page 55)



Interactive visual menu
with icons



Compatible with Air Control
remote (not included)



5 years guarantee on the tank
+ 2 years on all other parts
(when you register your product)



Exclusive thermal
break system



DHW HEATERS

TECHNICAL INFORMATION

Ceramic heating element	✓
Enamelled steel tank	✓
Magnesium anode protector	✓
CFC-free polyurethane insulation foam	✓
Touch control panel in PC/ABS	✓
Infrared communication	✓
Maximum working pressure (bars)	8
Protection Grade	IP24
Energy Classification	C

FUNCTIONS

Anti-frost / Comfort / ECO / User mode	✓
4 pre-installed programs	✓
Manual / Automatic function	✓
TFT screen with interactive visual menu	✓
Anti-legionella function	✓
Temperature evolution function	✓
24/7 programming	✓

INSTALLATION

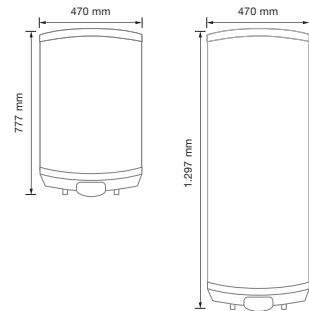
Support tripod (optional)	✓
Installation position	Vertical
Safety valve	✓

SAFETY

Safety thermostat	✓
Anti-legionella disinfection cycle	✓

REGULATIONS & GUARANTEES

2004/108/CE Electromagnetic comp.	✓
2006/95/CE Low voltage directive	✓
Guarantee on the inner tank	5 years
Guarantee on all other parts	2 years



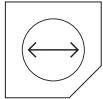
MODELS	SWI080DHW4	SWI150DHW4
Volume (L)	80	150
Load profile	M	XL
Nominal power (W)	2,400	2,400
DIMENSIONS		
Diameter x height (mm)	470 x 777	470 x 1,297
Installed depth (mm)	487	487
Distance between connections (mm)	100	100
CHARACTERISTICS		
Empty weight (Kg)	25.2	38.5
Water connections (inches)	1/2"	1/2"
Finishes	White RAL 9016 (tank) Black RAL 9005 (control panel)	
EAN CODE	8436045913555	8436045913135



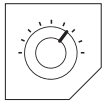
230V IPX4  Energy
classification **B**

Venice compact

Digital electric compact D.H.W. heater



Compact size
Only 41 cm in height



External thermal regulator



2 years guarantee



2 versions: outputs on
the top or bottom



TECHNICAL INFORMATION

Submerged copper heating element	✓
Enamelled steel tank	✓
Magnesium anode protector	✓
CFC-free polyurethane insulation foam	✓
External casing in ABS	✓
Maximum working pressure (bars)	8
Protection Grade	IPX4
Energy Classification	B

FUNCTIONS

External thermal regulator dial	✓
---------------------------------	---

INSTALLATION

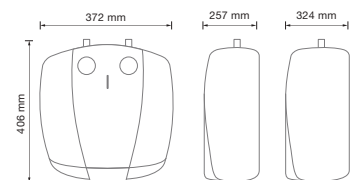
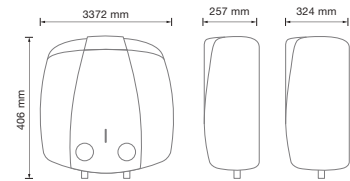
Installation position	Vertical
Safety valve	✓

SAFETY

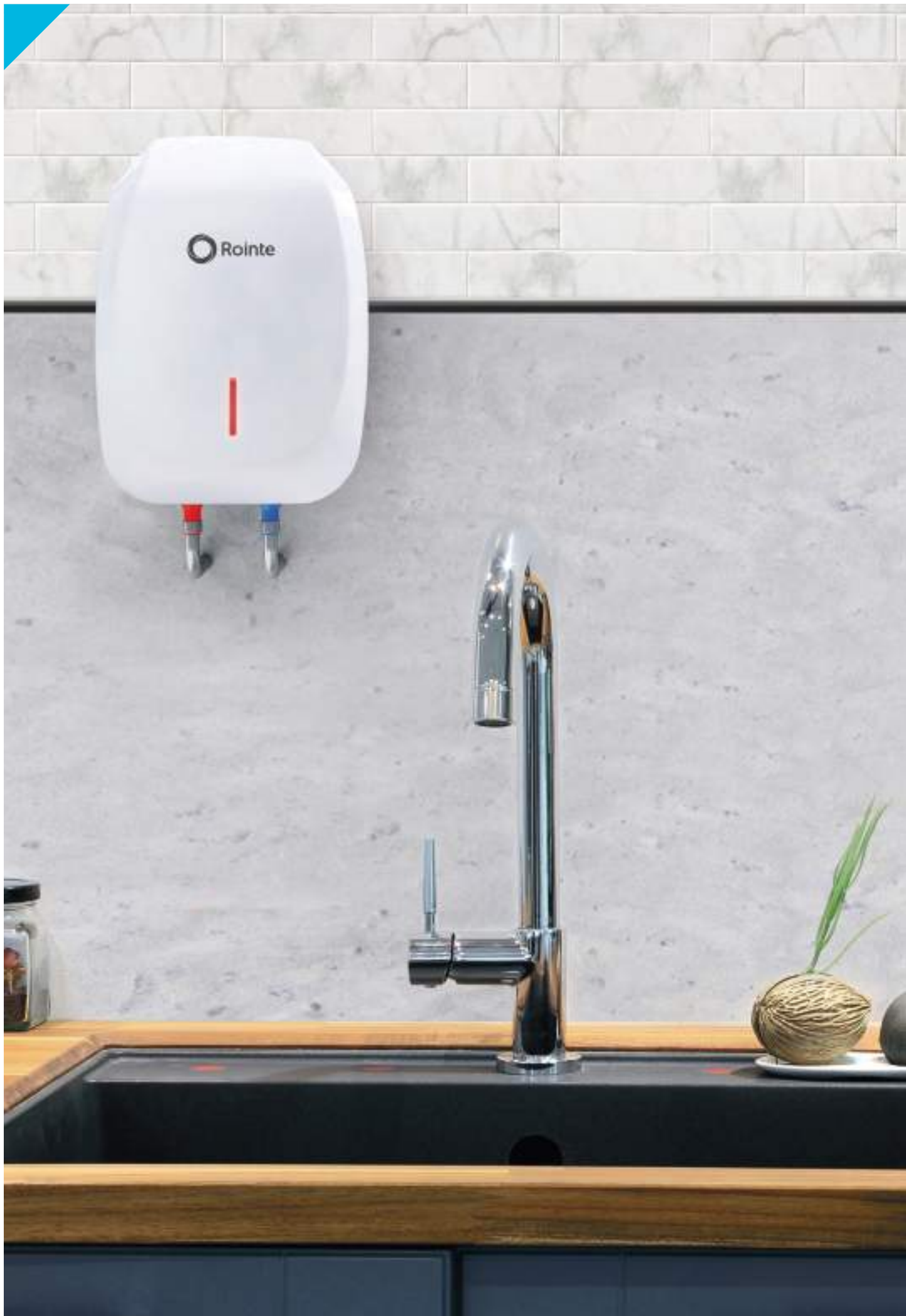
Safety thermostat	✓
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REGULATIONS & GUARANTEES

2004/108/CE Electromagnetic comp.	✓
2006/95/CE Low voltage directive	✓
Guarantee	2 years



MODELS	VWI010DHWD4	VWI015DHWD4	VWI010DHWU4	VWI015DHWU4
Volume (L)	10	15	10	15
Nominal power (W)	1,500	1,500	1,500	1,500
Outlet	Bottom	Bottom	Top	Top
DIMENSIONS				
Width x height x depth (mm)	372 x 406 x 257	372 x 406 x 324	372 x 406 x 257	372 x 406 x 324
Distance between connections (mm)	100	100	100	100
CHARACTERISTICS				
Empty weight (Kg)	7.6	9.4	7.6	9.4
100% capacity weight (Kg)	17.6	24.4	17.6	24.4
Water connections (inches)	1/2"	1/2"	1/2"	1/2"
Finishes	White RAL 9016 (tank) Black RAL 9005 (control panel)			
EAN CODE	8436045913159	8436045913166	8436045913616	8436045913623

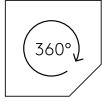


230V IPX4 CE RoHS

Capri instant

Digital electric instant D.H.W. heater

Energy classification **A**



360° installation: can be mounted in any position



Working light indicator



Instant hot water



2 years guarantee



DHW HEATERS

TECHNICAL INFORMATION

Compact size	✓
Water temperature stabilisation	✓
Overheating protection	✓
Non pressurised installation	✓
Nominal pressure	6 bar
Protection Grade	IP24
Energy classification	A

FUNCTIONS

Illuminated pilot light	✓
-------------------------	---

INSTALLATION

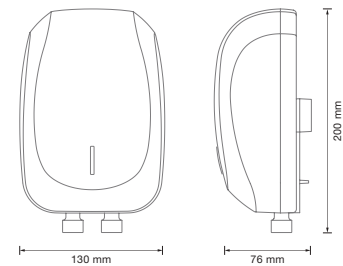
Installation position	360°
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SAFETY

Safety thermostat	✓
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REGULATIONS & GUARANTEES

2004/108/CE Electromagnetic comp.	✓
2006/95/CE Low voltage directive	✓
Guarantee	2 years



MODELS	CW1700DHWU4	CW1800DHWU4
Output volume (L/Min)	4	4.6
Load profile	XS	XS
Nominal power (W)	7,000	8,000
Annual electricity consumption (kWh)	467	468
Recommended use	Universal	Universal
DIMENSIONS		
Width x height x depth (mm)	130 x 200 x 76	130 x 200 x 76
Depth from connections to the wall (mm)	28	28
Distance between connections (mm)	70	70
CHARACTERISTICS		
Water connections (inches)	1/2"	1/2"
Finishes	White RAL 9016	
INSTALLATION		
Installation	Pressurized	
EAN CODE	8436045914583	8436045914590



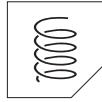
230V IPX4 CE RoHS

Dalis

“All in one” heat pump and storage tank for domestic hot water

Energy classification **A**

Aerothermic system
Maximum energy efficiency



2 models: universal and
exchanger (compatible with
other thermal systems)



Silent system
Low noise emission



5 years guarantee on the tank
+ 2 years on all other parts
(when you register your product)



TECHNICAL INFORMATION

Submerged heating element	✓
Enamelled steel tank	✓
Magnesium anode protector	2 units
PU insulation (50 mm thick)	✓
Automatic defrost system: passive & air	✓
Maximum working pressure (bars)	7
Protection Grade	IPX4
Compressor	Rotary
Centrifugal fan	✓
Ejection outlet diameter (mm)	160
Nominal air capacity	350 m ³ /h
Coolant	R134a
Gas load	900 gr
Energy classification	A

FUNCTIONS

Thermal circuit breaker with auto reset	✓
Temp. maximum - ECO mode	56 °C
Temp. maximum - Comfort mode	70 °C
Boost function	✓

INSTALLATION

Installation position	Vertical
-----------------------	----------

SAFETY

Safety thermostat	✓
Anti-legionella disinfection cycle	✓

REGULATIONS & GUARANTEES

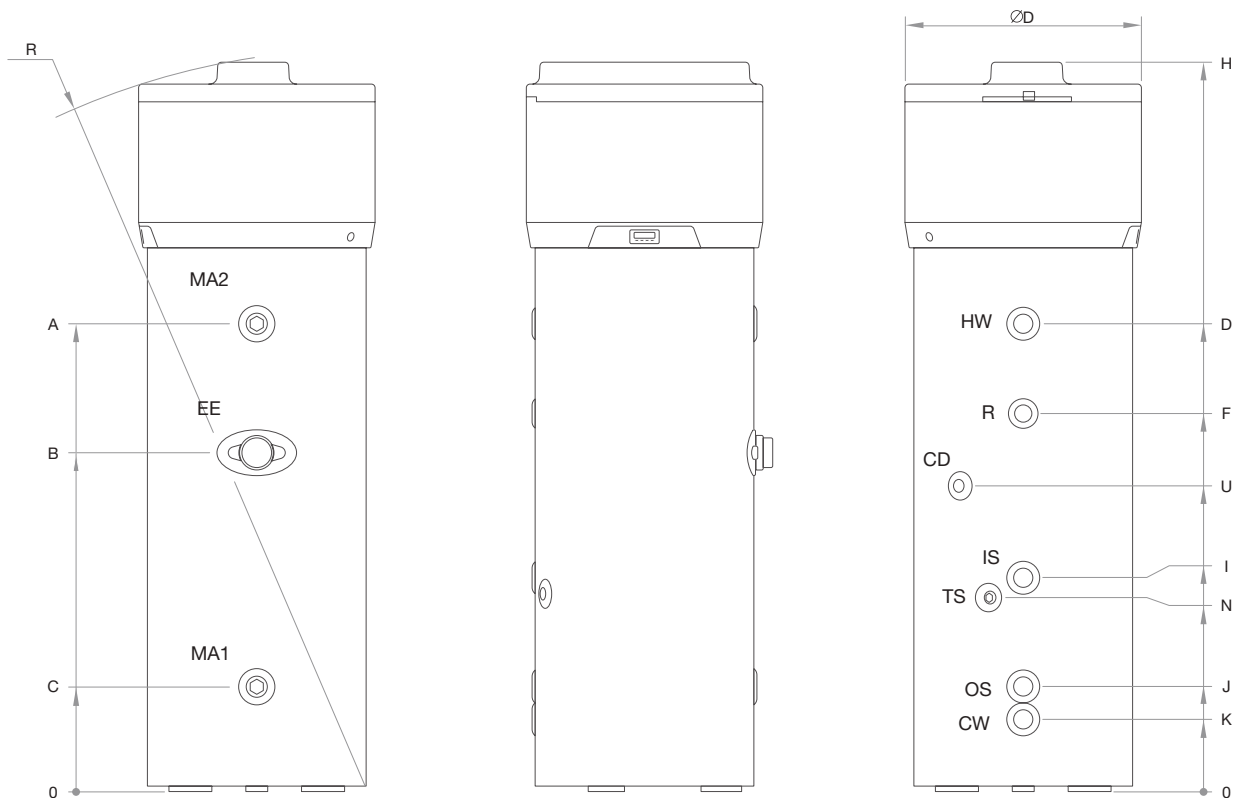
2004/108/CE Electromagnetic comp.	✓
2006/95/CE Low voltage directive	✓
Guarantee on the inner tank	5 years
Guarantee on all other parts	2 years

MODELS	With exchanger		Without exchanger	
	DWI200DHWI4	DWI260DHWI4	DWI200DHW4	DWI260DHW4
Volume (L)	200	260	200	260
Power (V)	1/N/230	1/N/230	1/N/230	1/N/230
Nominal power (W)	1,500	1,500	1,500	1,500
Maximum power absorbed by heat pump (W)	500	500	500	500
Total thermal power (W)	3,100	3,100	3,100	3,100
COP*	2.8	3.1	2.8	3.1
Heating time* (h:min)	07:16	07:16	09:44	09:44
Heating time in Boost Mode** (h:min)	3:48	3:48	4:57	4:57
Heat loss at 65°C (W)***	76	105	76	105
DIMENSIONS				
Diameter (A) x Height (B) - (mm)	650 x 1,714	650 x 2,004	650 x 1,714	650 x 2,004
CHARACTERISTICS				
Empty weight (Kg)	94	110.2	90	91.5
Compatible with flow exchanger	Yes	Yes	No	No
Finishes	White RAL 9016			
EAN CODE	8436045914620	8436045914606	8436045914637	8436045914613

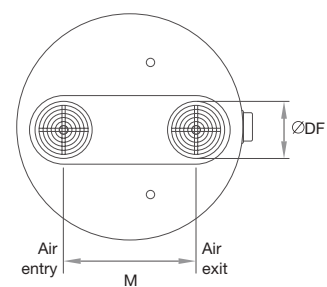
* Temperature of the air absorbed 20°C, temperature of the heat pump environment 20°C, water heated from 10°C to 55°C (according to the UN EN 16147-2011 standard).
** Measurements made according to EN 12897-2006. *** Measurements made according to the EN 16147-2011 standard.

Dalis

Dimensions, connection & installation scheme



CONNECTIONS		With exchanger	Without exchanger
CW	cold water inlet	G 1"	G 1"
HW	hot water outlet	G 1"	G 1"
IS	exchanger input	G 1"	-
OS	exchange output	G 1"	-
TS	temperature sensor	G 1/2"	-
R	recirculation	G 3/4"	G 3/4"
CD	condensed drainage	G 1/2"	G 1/2"



DIMENSIONS	With exchanger		Without exchanger	
	DWI200DHWI4	DWI260DHWI4	DWI200DHW4	DWI260DHW4
H (mm)	1.714	2.004	1.714	2.004
A (mm)	1.000	1.286	1.000	1.286
B (mm)	716	931	716	931
C (mm)	287	287	287	287
D (mm)	1.001	1.268	1.001	1.268
F (mm)	769	1.065	769	1.065
I (mm)	674	674	674	674
J (mm)	287	287	287	287
K (mm)	202	202	202	202
N (mm)	644	644	644	644
U (mm)	769	839	769	839
R (mm)	1.751	2.038	1.751	2.038
M (mm)	380	380	380	380
DF (mm)	160	160	160	160
ØD (mm)	650	650	650	650

Installation kit

for Dalis heat pump and storage tank for domestic hot water



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

COMPATIBILITY

Compatible with Dalis

REGULATIONS & GUARANTEES

Guarantee 2 years



Pressure reducing & relief valve



Tundish



Expansion vessel



MODELS

Compatible with KITW03 200 / 260 L

CHARACTERISTICS

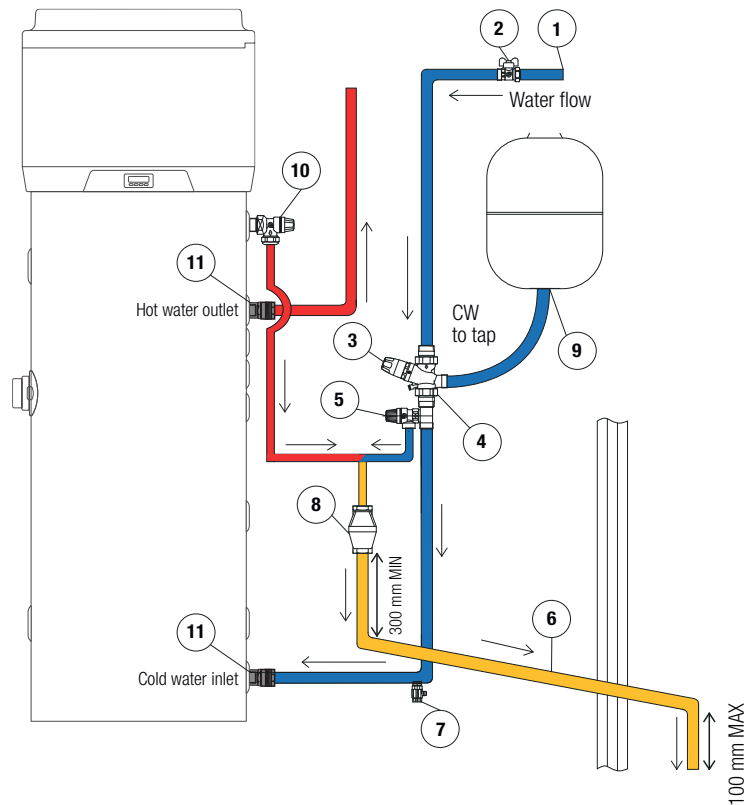
Expansion vessel 18 litres (0.1 Mpa)

Tundish 15 - 25 mm

Pressure reducing valve 0.35 Mpa

Relief valve 0.60 Mpa

EAN CODE 8436045914354



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)**

* 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.

Installation kit

for Rome & Siena D.H.W. unvented heaters



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

COMPATIBILITY

Compatible with Rome & Siena

REGULATIONS & GUARANTEES

Guarantee 2 years



Pressure reducing & relief valve

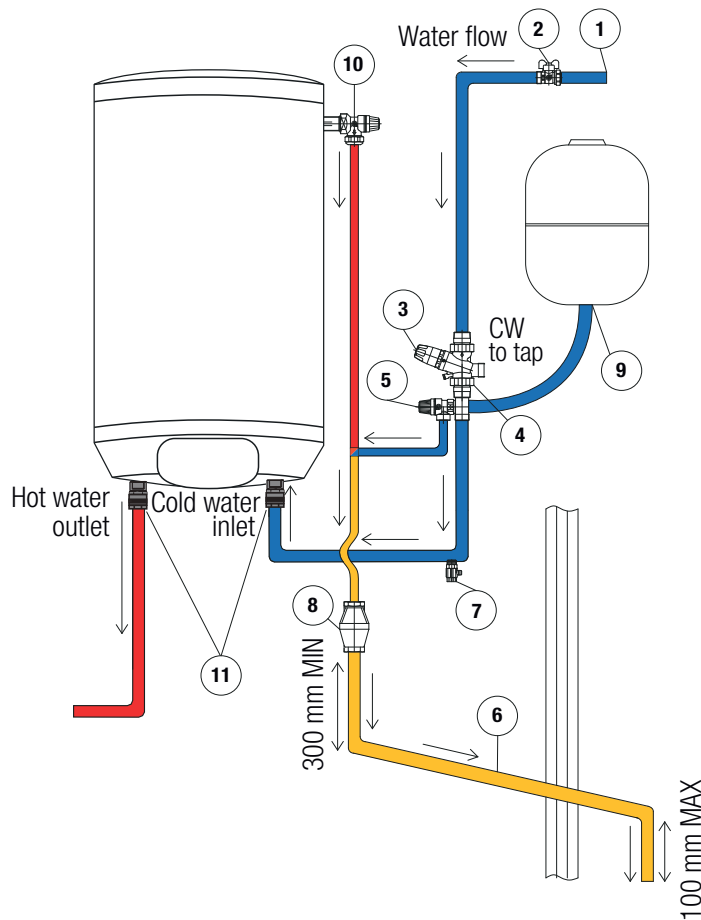


Tundish



Expansion vessel

MODELS	KITKW02
Compatible with	80 - 150 L
CHARACTERISTICS	
Expansion vessel	12 litres (0.1 Mpa)
Tundish	15 - 25 mm
Pressure reducing valve	0.35 Mpa
Relief valve	0.60 Mpa
EAN CODE	8436045914347



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)

* 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.

Installation kit

for Venice instant D.H.W. heaters



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

COMPATIBILITY

Compatible with Venice instant

REGULATIONS & GUARANTEES

Guarantee 2 years



Expansion relief valve



Expansion vessel



Check valve



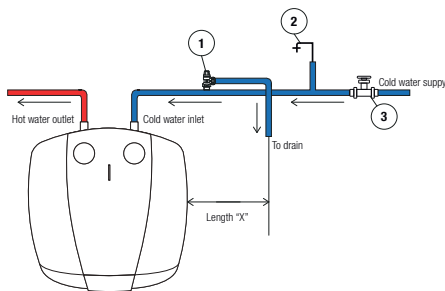
Pressure reducing valve

MODELS	KITW04
Compatible with	10-15 L
CHARACTERISTICS	
Expansion vessel	8 litres (0.1 Mpa)
Expansion relief valve	15 - 25 mm
Check valve	0.35 Mpa
Pressure reducing valve	0.60 Mpa
EAN CODE	8436045912992



Scheme A

When inlet pressure is less than 4 bar and expanded hot water can be accommodated in the pipe work.



MINIMUM LENGTH OF PIPE (X)

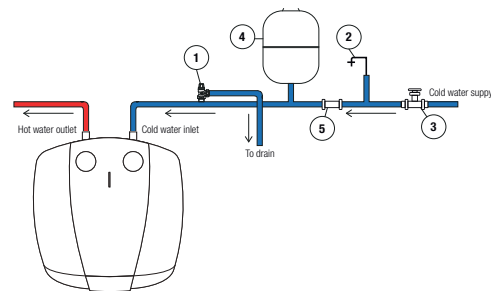
Capacity	15mm pipe	22mm pipe
10 L	2.7 mm	1.2 mm
15 L	4.2 mm	1.8 mm

DETAILS OF THE INSTALLATION

- 1 Expansion relief valve (included)
- 2 Nearest cold water draw off (not supplied)
- 3 Service valve (not supplied)
- 4 Expansion vessel (included)
- 5 Check valve (included)
- 6 Pressure reducing valve (included)

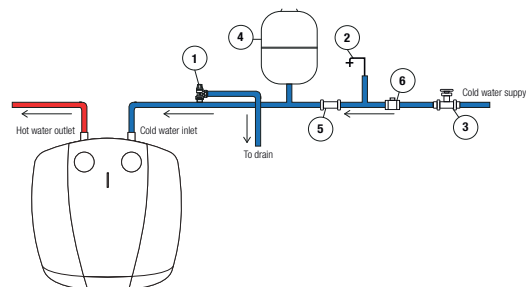
Scheme B

When inlet pressure is less than 4 bar but expanded hot water cannot be accommodated in the pipe work.



Scheme C

When inlet pressure is greater than 4 bar.



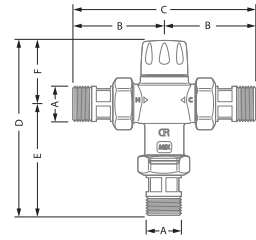
* These images are only for reference. Check the instruction manual or the Building Regulations (PART G) for specific details and accessories required to perform a proper installation. The Rointe water heaters must be installed by an installer with a valid Unvented Water Heaters Installer certification.

Thermostatic valve

for D.H.W. unvented heaters



This accessory is installed at the hot water outlet of the heater and allows mixing with cold water from the supply network. The resulting mixed water is transported at a lower temperature, achieving energy savings and minimising heat loss through the pipeline.



TECHNICAL INFORMATION

Material: anti-acidification chrome alloy	EN 12165 CW602
Shutter	PSU
Springs	Stainless steel

INSTALLATION

Hot and cold water inlet filters	✓
Hot and cold water inlet valves	✓

SAFETY

Regulation lock nut protection	✓
Anti-scald protection	✓

REGULATIONS & GUARANTEES

NF 079 Regulation	✓
Guarantee	2 years

MODELS

KWVA1814

KWVAL1815

DIMENSIONS

A (inches)	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

CHARACTERISTICS

Temperature adjustment range	30÷50°C	
Maximum working pressure - static (bars)	10	
Maximum working pressure - dynamic (bars)	5	
Maximum temperature input	85°C	
Minimum flow rate for stable temperature	4 l/min	6 l/min

EAN CODE	8436045917021	8436045917058
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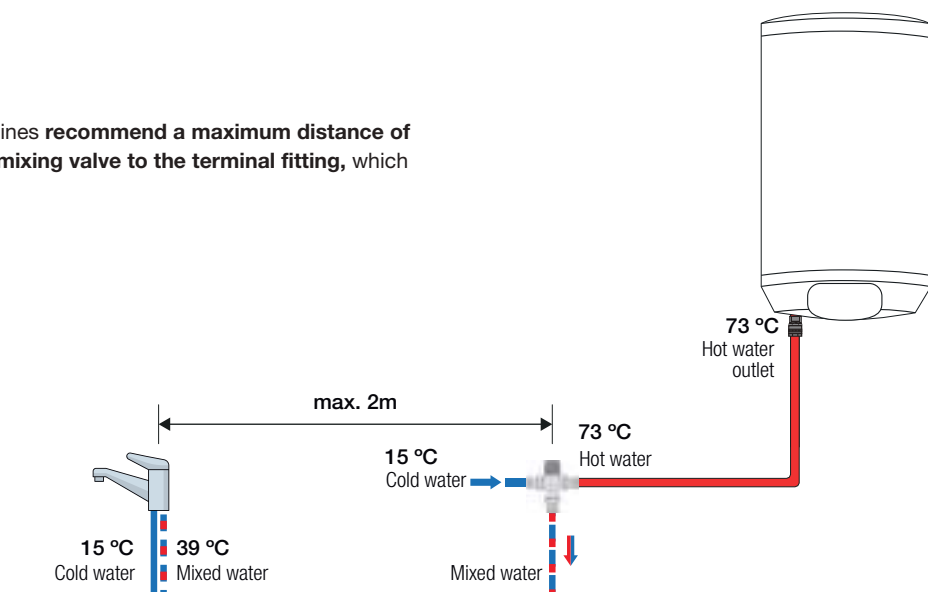
The thermostatic valve increases the volume of hot water available compared to the capacity of the tank (defined as the equivalent volume).

This equivalent volume represents the litres of water available at 39°C, assuming the water inlet temperature is 15°C and the set temperature is 73°C.

Available water without valve (L)	30	50	75	100	150	200
Available water with valve (L)	51	85	125.5	170	250	340

Installation diagram

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.



Support tripod

for D.H.W. unvented heater (Rome & Siena models)



TECHNICAL INFORMATION

Material Metal

REGULATIONS & GUARANTEES

Guarantee 2 years



The floor support tripod kit consists of an easy-to-mount metal tripod, which is designed for larger D.H.W. heater models.

Its installation is highly recommended where wall fixing is not sufficient or cannot guarantee the stability of the heater due to the weight of the product when the tank is 100% full.

Installation of the support tripod does not mean it should not be mounted to the wall as explained in the product installation manual.

MODEL	TPKW001
DIMENSIONS	
Height (mm)	625
Width (mm)	530
COMPONENTS	
Legs (units)	x 3
Braces (units)	x 6
Plastic base (units)	x 1
CHARACTERISTICS	
Finishes	White RAL 9016
Maximum supported weight (kg)	260
EAN CODE	8436045914323

Universal wall support

for D.H.W. unvented heater (Rome & Siena models)



This accessory allows you to take advantage of existing holes and plugs when replacing an old thermos with the Rome and Siena D.H.W. unvented heater models, avoiding the need to drill the wall again. It allows easy and safe assembly / disassembly at the time of installation and maintenance interventions. Compatible with Rome and Siena D.H.W. heaters.

TECHNICAL INFORMATION

Material Metal

REGULATIONS & GUARANTEES

Guarantee 2 years



MODEL	KWSPTI01
CHARACTERISTICS	
Finishes	White RAL 9016
DIMENSIONS	
Height (mm)	80
Width (mm)	470
EAN CODE	8436045910445



Remote controls

Air Control

Remote control with two way infrared communication

The Air Control remote control is compatible with all models in the D Series and Rome ranges.



TECHNICAL INFORMATION

Material (casing)	PC/ABS
Transmitting range (m)	3
Reception range (m)	1
Batteries	2 x 1.5 AAA

FUNCTIONS

Adjust screen brightness	✓
Manual / Automatic function	✓
Erase programming memory	✓
Remote product lock	✓
Display nominal and effective power	✓
24/7 programmings	✓

INSTALLATION

Wall bracket	✓
--------------	---

REGULATIONS & GUARANTEES

Guarantee	2 years
-----------	---------

MODELS	WHITE SOFT TOUCH BLACK	ACMI120 ACMIB120
DIMENSIONS		
Width x height x depth (mm)		54 x 177 x 21
Installed depth with wall bracket (mm)		25
CHARACTERISTICS		
Weight (g)		115
Finishes	White RAL 9010, Soft Touch Black	
EAN CODE		
	WHITE SOFT TOUCH BLACK	8436045914279 8436045914552



Basic Control

Remote control with infrared communication

The Basic Control remote control is compatible with all models in the Kyros, Sygma and Siena ranges.



TECHNICAL INFORMATION

Material (casing)	PC/ABS
Transmitting range (m)	3
Batteries	2 x 1.5 AAA

FUNCTIONS

4 buttons with preprogramming	✓
Manual / Automatic function	✓
Erase programming memory	✓
Remote product lock	✓
Display nominal and effective power	✓
24/7 programmings	✓

REGULATIONS & GUARANTEES

Guarantee	2 years
-----------	---------

MODEL

BCMI100

DIMENSIONS

Width x height x depth (mm)	58 x 155 x 16
-----------------------------	---------------

CHARACTERISTICS

Weight (g)	98
Finishes	White RAL 9010
EAN CODE	8436045915863

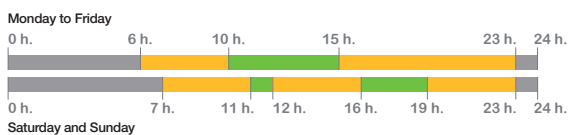
Pre-installed programming

The Basic Control remote control has 4 buttons with 4 editable pre-installed programs, ready to be used. Simply by pressing a button, you can select the program that best suits your lifestyle, keeping your installation perfectly programmed and adjusted to your actual heating needs.

These pre-programs are also installed as standard in the radiators and towel-rails of the Kyros range.



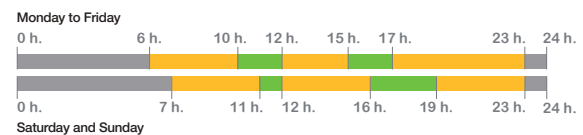
Common lifestyle



● No programming ● ECO mode ● Comfort mode



Split shift



● No programming ● ECO mode ● Comfort mode



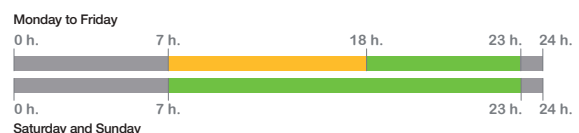
Home life



● No programming ● ECO mode ● Comfort mode



Office worker



● No programming ● ECO mode ● Comfort mode



Underfloor heating

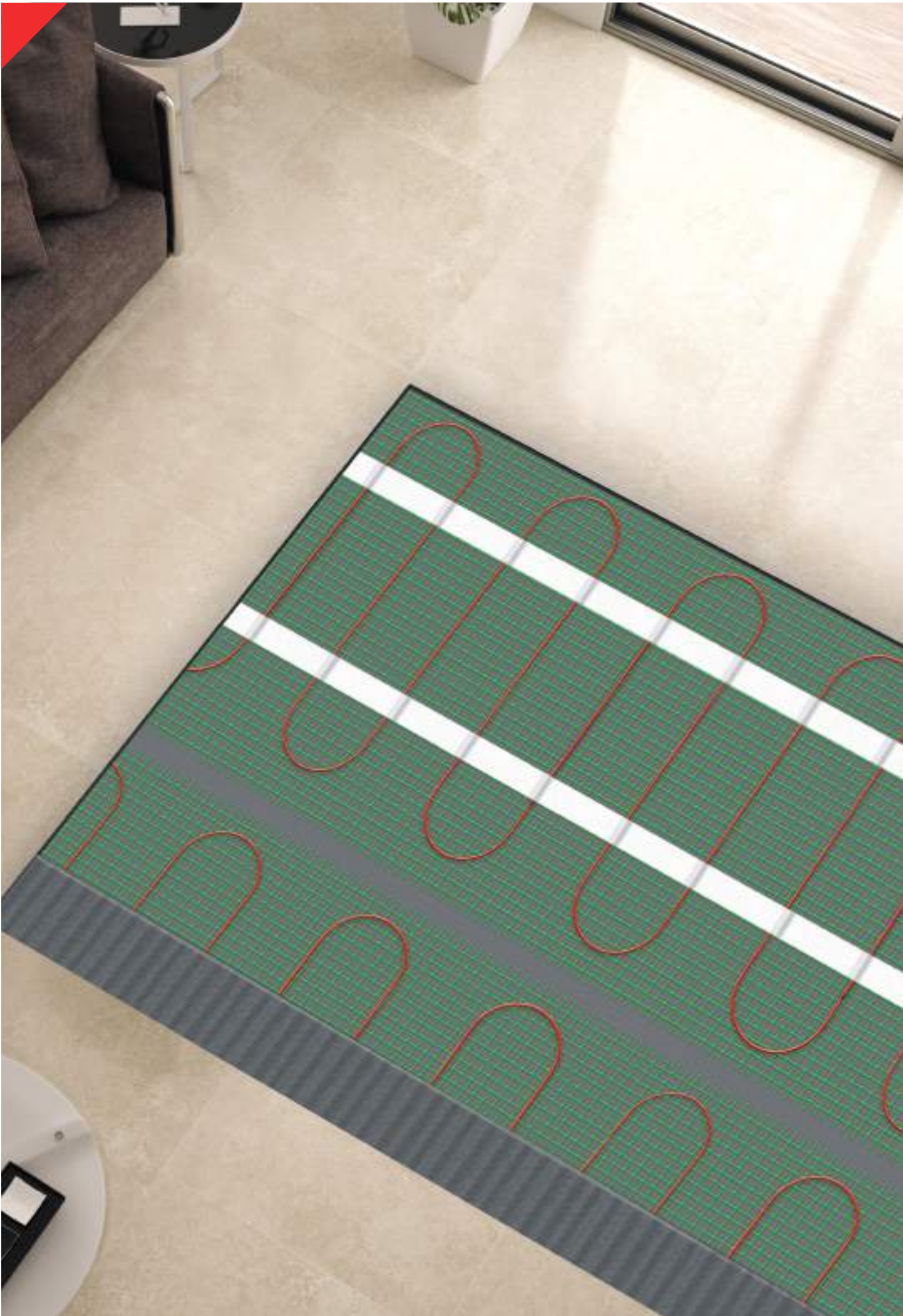
Invisible heating systems

MODELS

Three solutions available for: ceramic/tiled flooring and wood/laminate/parquet/linoleum/vinyl/carpet flooring



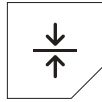




Atria

Ultra-thin system for ceramic flooring

230V IPX7  



Ultra-thin system
Diameter cable only 2 mm



Repositionable mesh with full surface adhesive that is adaptable to uneven floors

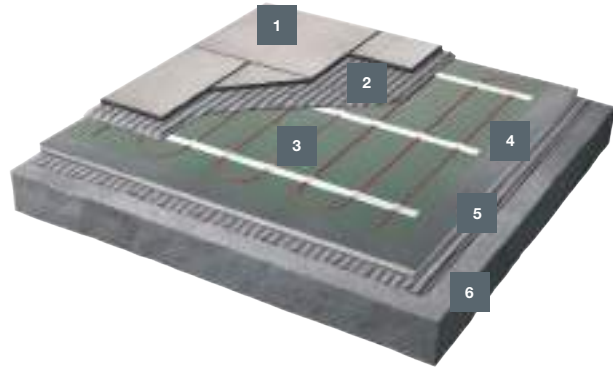


10 years guarantee on the heating mesh and wiring
(when you register your product)



If the mesh is damaged during installation, we will replace it for free (see conditions on page 78)

- 1 Ceramic floor
- 2 Flexible adhesive cement
- 3 Heating mesh
- 4 Insulation plates
- 5 Flexible adhesive
- 6 Subfloor



TECHNICAL INFORMATION

Voltage (V)	220-240 V
Height of mesh with cable (mm)	3
Heating cable diameter (mm)	2
Multi-core dual biconductor cable	✓
Power cable - coldtail (mm)	3,000
Power	150W/m ²
Internal insulation: EFTE fluoropolymer	✓
External insulation: EFTE fluoropolymer	✓
Floor protection: copper braid	✓
Spacing between cables (mm)	80
Protection Grade	IPX7
Width of mesh (mm)	500

INSTALLATION

Insulation panels available ✓

REGULATIONS & GUARANTEES

2004/108/CE Electromagnetic comp.	✓
2006/95/CE Low voltage directive	✓
UE 2015/1188 ECODESIGN (ERP)	✓
Guarantee on the heating mesh & wiring	10 years
Replacement guarantee (cond. page 78)	✓

*Roite underfloor heating systems comply with the UE 2015/1188 ECODESIGN Directive when they are installed with the ST.2 or CT.2 thermostats.

THERMOSTAT CONTROL

ST.2

Digital, programmable thermostat



CT.2

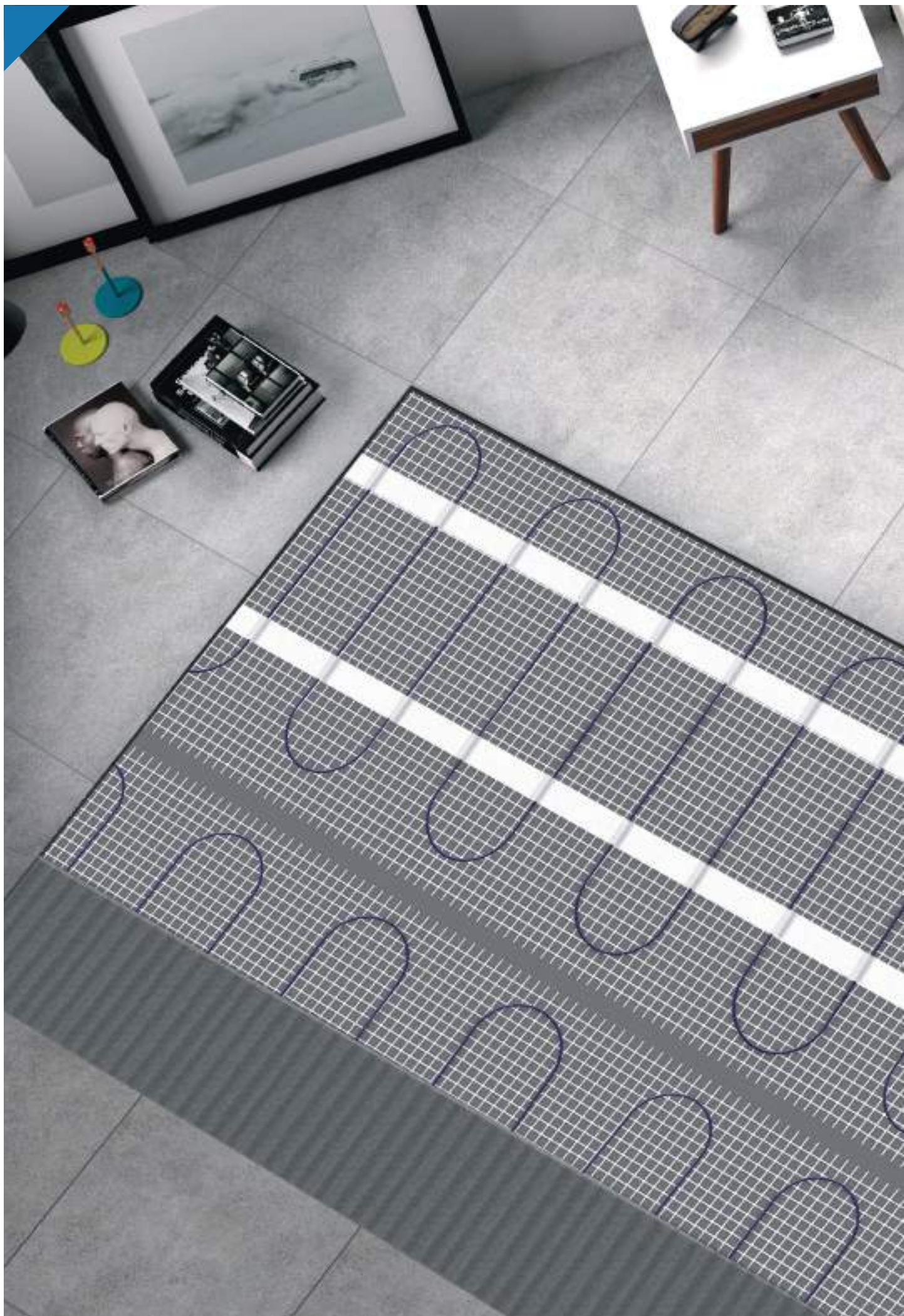
Digital, intelligent thermostat with Wi-Fi



Compatible with Roite Connect app



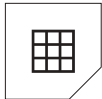
MODELS	SURFACE (M ²)	WIDTH X LENGTH (M)	POWER (W)	AMPS (A)	RESISTANCE (Ω)	EAN CODE
MSIECT010	1	2 x 0.5	150	0.65	353	8436045918383
MSIECT015	1.5	3 x 0.5	225	0.98	235	8436045918390
MSIECT020	2	4 x 0.5	300	1.30	176	8436045918406
MSIECT025	2.5	5 x 0.5	375	1.63	141	8436045918413
MSIECT030	3	6 x 0.5	450	1.96	118	8436045918420
MSIECT035	3.5	7 x 0.5	525	2.28	101	8436045918437
MSIECT040	4	8 x 0.5	600	2.61	88	8436045918444
MSIECT045	4.5	9 x 0.5	675	2.93	78	8436045918451
MSIECT050	5	10 x 0.5	750	3.26	71	8436045918468
MSIECT060	6	12 x 0.5	900	3.91	59	8436045918475
MSIECT070	7	14 x 0.5	1,050	4.57	50	8436045918482
MSIECT080	8	16 x 0.5	1,200	5.22	44	8436045918491
MSIECT090	9	18 x 0.5	1,350	5.87	39	8436045918505
MSIECT100	10	20 x 0.5	1,500	6.52	35	8436045918512
MSIECT110	11	22 x 0.5	1,650	7.17	32	8436045918529
MSIECT120	12	24 x 0.5	1,800	7.83	29	8436045918536



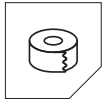
230V IPX7 CE RoHS

Milos

System for ceramic flooring



Resistant and flexible mesh with cable diameter of only 3.5 mm



Secure with adhesive bands included in the mesh

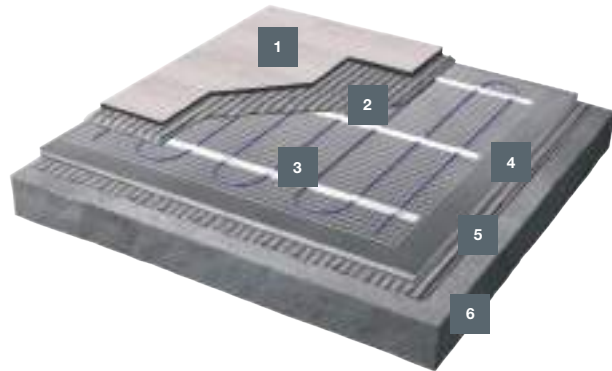


10 years guarantee on the heating mesh and wiring
(when you register your product)



If the mesh is damaged during installation, we will replace it for free (see conditions on page 78)

- 1 Ceramic floor
- 2 Flexible adhesive cement
- 3 Heating mesh
- 4 Insulation plates
- 5 Flexible adhesive
- 6 Subfloor



TECHNICAL INFORMATION

Voltage (V)	220-240 V
Height of mesh with cable (mm)	5
Heating cable diameter (mm)	3.5
Multi-core dual biconductor cable	✓
Power cable - coldtail (mm)	3,000
Power	150W/m ²
Internal insulation: EFTE fluoropolymer	✓
External insulation: EFTE fluoropolymer	✓
Floor protection: copper braid	✓
Spacing between cables (mm)	80
Protection Grade	IPX7
Width of mesh (mm)	500

INSTALLATION

Insulation panels available ✓

REGULATIONS & GUARANTEES

2004/108/CE Electromagnetic comp.	✓
2006/95/CE Low voltage directive	✓
UE 2015/1188 ECODESIGN (ERP)	✓
Guarantee on the heating mesh & wiring	10 years
Replacement guarantee (cond. page 78)	✓

*Roite underfloor heating systems comply with the UE 2015/1188 ECODESIGN Directive when they are installed with the ST.2 or CT.2 thermostats.

THERMOSTAT CONTROL

ST.2

Digital, programmable thermostat



CT.2 WiFi

Digital, intelligent thermostat with Wi-Fi



Compatible with Roite Connect app



MODELS	SURFACE (M ²)	WIDTH X LENGTH (M)	POWER (W)	AMPS (A)	RESISTANCE (Ω)	EAN CODE
MSIPVC010	1	2 x 0.5	150	0.65	353	8436045918550
MSIPVC015	1.5	3 x 0.5	225	0.98	235	8436045918567
MSIPVC020	2	4 x 0.5	300	1.30	176	8436045918574
MSIPVC025	2.5	5 x 0.5	375	1.63	141	8436045918581
MSIPVC030	3	6 x 0.5	450	1.96	118	8436045918592
MSIPVC035	3.5	7 x 0.5	525	2.28	101	8436045918604
MSIPVC040	4	8 x 0.5	600	2.61	88	8436045918611
MSIPVC045	4.5	9 x 0.5	675	2.93	78	8436045918628
MSIPVC050	5	10 x 0.5	750	3.26	71	8436045918635
MSIPVC060	6	12 x 0.5	900	3.91	59	8436045918642
MSIPVC070	7	14 x 0.5	1,050	4.57	50	8436045918659
MSIPVC080	8	16 x 0.5	1,200	5.22	44	8436045918666
MSIPVC090	9	18 x 0.5	1,350	5.87	39	8436045918673
MSIPVC100	10	20 x 0.5	1,500	6.52	35	8436045918680
MSIPVC120	12	24 x 0.5	1,800	7.83	29	8436045918703



230V IPX7 CE RoHS



Erko

System for wood, laminte, vinyl, linoleum and carpet flooring



Aluminium coated system for greater heat dissipation in soft flooring



Easy to install

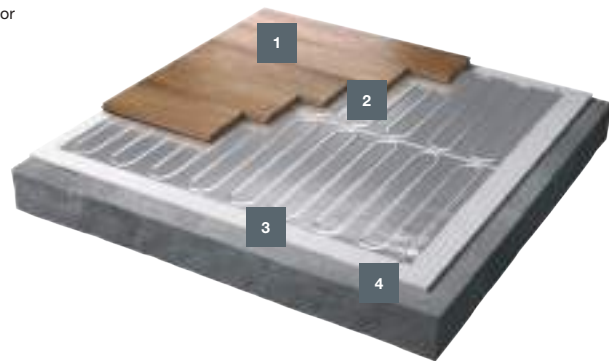


10 years guarantee on the heating mesh and wiring
(when you register your product)



If the mesh is damaged during installation, we will replace it for free (see conditions on page 78)

- 1 Flooring
- 2 Heating film
- 3 Lower insulation blanket
- 4 Subfloor



TECHNICAL INFORMATION

Voltage (V)	220-240 V
Heating sheet thickness (mm)	1
Multi-core dual biconductor cable	✓
Power cable - coldtail (mm)	3,000
Power	140W/m ²
Insulating cover: EFTE fluoropolymer	✓
Earth protection: aluminium case	✓
Spacing between cables (mm)	50
Protection Grade	IPX7
Width of sheet (mm)	500

INSTALLATION

Insulation panels available	✓
Optional protection system available	✓

REGULATIONS & GUARANTEES

2004/108/CE Electromagnetic comp.	✓
2006/95/CE Low voltage directive	✓
UE 2015/1188 ECODESIGN (ERP)	✓
Guarantee on the heating mesh & wiring	10 years
Replacement guarantee (cond. page 78)	✓

*Roite underfloor heating systems comply with the UE 2015/1188 ECODESIGN Directive when they are installed with the ST.2 or CT.2 thermostats.

THERMOSTAT CONTROL

ST.2

Digital, programmable thermostat



CT.2 WiFi

Digital, intelligent thermostat with Wi-Fi



Compatible with Roite Connect app



MODELS	SURFACE (M ²)	WIDTH X LENGTH (M)	POWER (W)	AMPS (A)	RESISTANCE (Ω)	EAN CODE
MSIWFH010	1	2 x 0.5	140	0.60	378	8436045918727
MSIWFH015	1.5	3 x 0.5	210	0.90	252	8436045918734
MSIWFH020	2	4 x 0.5	280	1.20	189	8436045918741
MSIWFH030	3	6 x 0.5	420	1.80	126	8436045918758
MSIWFH040	4	8 x 0.5	560	2.40	94	8436045918765
MSIWFH050	5	10 x 0.5	700	3.00	76	8436045918772
MSIWFH060	6	12 x 0.5	840	3.70	63	8436045918789
MSIWFH070	7	14 x 0.5	980	4.30	54	8436045918796
MSIWFH080	8	16 x 0.5	1,120	4.90	47	8436045918802
MSIWFH090	9	18 x 0.5	1,260	5.50	42	8436045918819
MSIWFH100	10	20 x 0.5	1,400	6.10	38	8436045918826
MSIWFH120	12	24 x 0.5	1,680	7.30	32	8436045918833



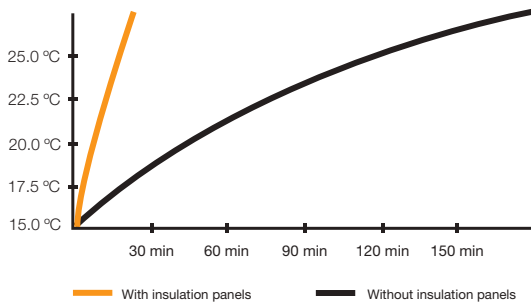
Insulation panels

insulation for underfloor heating: ceramic flooring (Atria & Milos)



These insulation panels are composed of a waterproof sheet made of extruded polystyrene, covered on both side with fiberglass mesh inserted inside a fine cement mortar. They act as an insulation barrier, reflecting heat upwards towards the floor surface.

- Increase in energy efficiency
- Strong, flexible and can be cut to size
- Water and sound proof
- High thermal insulation



TECHNICAL INFORMATION

Surface (m ²)	0.75
Density (kg/m ³)	36
Thermal conductivity (W/mK)	0.027
Compressive strength (kg/cm ²)	3
Water absorption (capillary vessel)	0
Class	O
Reaction to fire	B1

REGULATIONS & GUARANTEES

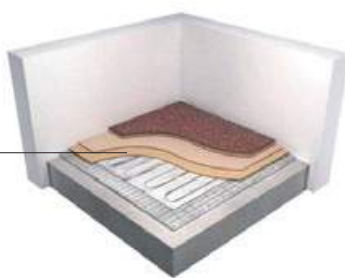
Guarantee	2 years
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MODEL	THICKNESS X WIDTH X LENGTH (CM)	UNITS	WEIGHT (KG)	U VALUE (M2. K/W)	EAN CODE
ASCI06	0.6 x 60 x 120	1	1.95	4.5	8436045918840

Protection system



for underfloor heating when installing in linoleum, vinyl & carpet flooring (Erko)



Upper lining system consisting of two sheets with a thin layer of adhesive that allows them to be fixed to each other for maximum stability.

Provides a stable subfloor

Only 7mm thick, it is suitable for all types of soft flooring (laminated, wood, vinyl, linoleum and carpet).

Heating mesh protection

Protects heating mesh from possible damage.

MODELS	THICK X WIDTH X LENGTH (CM)	UNITS/BOX	EAN CODE
ASLIDO	Top plate 0.4 x 60 x 120	4	8436045918864
	Bottom plate 0.3 x 60 x 120	4	

Insulation system



for underfloor heating when installing in wooden & laminated flooring (Erko)



An insulation barrier, situated between the subfloor and the heating mesh. It reflects the heat upwards and is also waterproof.

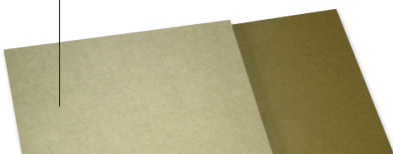
Resistance to heat loss

Increases the energy efficiency of underfloor heating.

Light and thin

Only 6mm thick and made of polyethylene and aluminium.

MODELS	THICK X LENGTH (CM)	SURFACE (M ²)	EAN CODE
ASLIU025	0.6 x 120	2.5	8436045918871
ASLIU050	0.6 x 120	5.0	8436045918888
ASLIU100	0.6 x 120	10	8436045918895
ASLIU250	0.6 x 120	25	8436045918901



Digital thermostats

ST.2

Digital, programmable thermostat

IP20 CE  

Easy to use interface with intuitive design



Rapid configuration



24/7 programming with up to 6 periods per day



2 years guarantee



TECHNICAL INFORMATION

Voltage (V)	220-240v
Maximum load (W)	3,600
Sensor: ground probe NTC 10K (3 m)	✓
Sensor: air probe (ambient temperature)	✓

FUNCTIONS

Manual / Automatic / Anti-frost function	✓
24/7 programming	✓
Programming periods per day	6
Weekly programming modes (day)	5+2, 6+1, 7

REGULATIONS & GUARANTEES

Guarantee	2 years
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MODELS

TSETI02

DIMENSIONS

Width x height x depth (mm)	86 x 90 x 43
Screen size (mm)	45 x 50
Installed depth (mm)*	30

CHARACTERISTICS

Weight (g)	499
Finishes	Black
EAN CODE	8436045911056

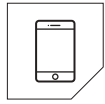
* Requires an electrical enclosure box with 35 mm depth. Not included.



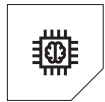
CT.2

Smart digital thermostat with Wi-Fi connection

IP21   



Control using the Rointe Connect app



Self-learning mode



Control expense and actual consumption of your underfloor heating system



2 years guarantee



TECHNICAL INFORMATION

Voltage (V)	220-240v
Maximum load (W)	3.600 W
Sensor: ground probe NTC 10K (3 m)	✓
Sensor: air probe (ambient temperature)	✓

FUNCTIONS

Holiday mode	✓
Manual / Automatic / Anti-frost function	✓
Pre-installed programs	✓
24/7 programming	✓

REGULATIONS & GUARANTEES

Guarantee	2 years
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MODELS

TSMTIB2

TSMTIW2

DIMENSIONS

Width x height x depth (mm)	110 x 90 x 18	110 x 90 x 18
Screen size (mm)	72 x 54	72 x 54
Installed depth (mm)*	35	35

CHARACTERISTICS

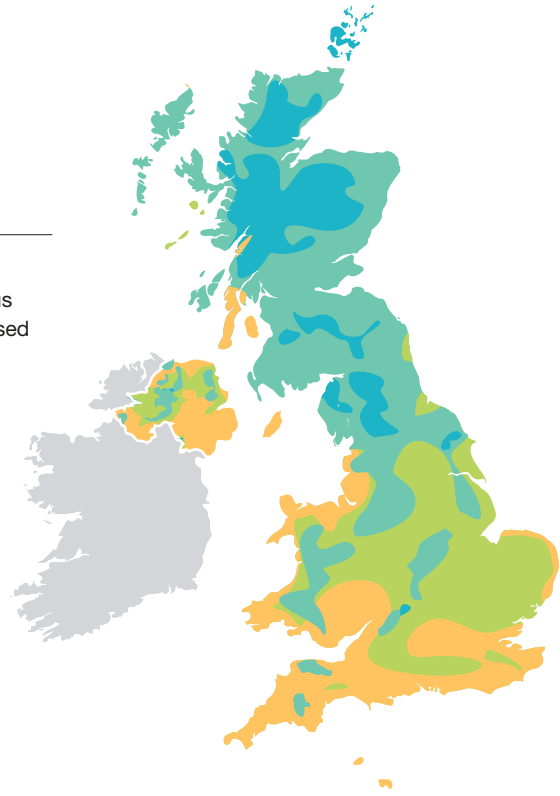
Weight (g)	240	240
Finishes	Black	White
EAN CODE	8436045913388	8436045911186

* Requires an electrical enclosure box with 35 mm depth. Not included.



Rointe thermal coefficient

The R.T.C (Rointe thermal coefficient) is a coefficient developed by us that calculates the number of elements necessary for a property, based upon the square metres and geographical climate.



Project & Technical Studies department

Here at Rointe, we have a dedicated team that provides expert advice to all our installers and wholesalers.

Made up of specialised engineers, our Project & Technical Studies department personally calculate the number of elements necessary for each installation, according to your heating needs.

With this service, we provide our clients with a free and bespoke technical study to help you choose which Rointe electric heating system is right for you.

By using this calculation, we can determine the appropriate sizing to obtain the most balanced consumption.

$$\frac{\text{CLIMATIC ZONE COEFFICIENT}}{\text{HEATING ELEMENT PERFORMANCE COEFFICIENT}} = \text{R.T.C.}$$

To calculate the required electric radiators, we need to distinguish between m^2 and m^3 . For ceilings with a height lower than 3 metres, we use the R.T.C. (m^2). For ceilings with a height higher than 3 metres, we use the R.T.C. (m^3).

$$\text{R.T.C.} \times \text{m}^2 = \text{NECESSARY ELEMENTS}$$

$$\text{R.T.C.} \times \text{m}^3 = \text{NECESSARY ELEMENTS}$$

Climate	Climatic Coefficient		Height less than 3 m	Height more than 3 m
			R.T.C. (m^2)	R.T.C. (m^3)
Mild	436 BTU/h m^2	139 BTU/h m^3	0.75 elements/ m^2	0.23 elements/ m^3
Cold	476 BTU/h m^2	159 BTU/h m^3	0.80 elements/ m^2	0.26 elements/ m^3
Very Cold	516 BTU/h m^2	179 BTU/h m^3	0.85 elements/ m^2	0.30 elements/ m^3
Extra Cold	556 BTU/h m^2	198 BTU/h m^3	0.90 elements/ m^2	0.33 elements/ m^3

For example, to calculate the R.T.C. of a "Cold" climatic zone:

$$\frac{476 \text{ BTU/h } \text{m}^2}{595 \text{ BTU/h } \text{m}^2} = 0.80 \text{ elements}/\text{m}^2$$



Sizing: electric radiators



In the following tables, you can find examples of calculations for both ceiling heights of less than / more than 3 metres, depending on the number of elements, area and climatic zone.

Our recommendations for **correct sizing**

In the case of stairs and corridors, where there is a high risk of heat loss, we recommend to **increase the results by 15%**.

For kitchens and rooms with more furniture and a higher than usual temperature, we recommend to **reduce the results by 10%**.

Avoid placing obstacles/objects near the radiator and distribute the radiators evenly. If a room of 21 m² requires 18 elements, the ideal scenario is to place 2 radiators of 9 elements with an equal distance between them.

RADIATORS WITH ODD ELEMENTS

Reference table for **D Series, Kyros & Sygma (standard height radiators)**

Calculation m² - ceiling height less than 3 metres

Climate	MILD	COLD	VERY COLD	EXTRA COLD
Kcal/h m ²	436 BTU/h m ²	476 BTU/h m ²	516 BTU/h m ²	556 BTU/h m ²
R.T.C.	0.75 elem. / m ²	0.80 elem. / m ²	0.85 elem. / m ²	0.90 elem. / m ²
3 elem.	Up to 4 m ²	Up to 4 m ²	Up to 4 m ²	Up to 3 m ²
5 elem.	Up to 7 m ²	Up to 6 m ²	Up to 6 m ²	Up to 6 m ²
7 elem.	Up to 10 m ²	Up to 9 m ²	Up to 8 m ²	Up to 8 m ²
9 elem.	Up to 12 m ²	Up to 11 m ²	Up to 11 m ²	Up to 10 m ²
11 elem.	Up to 15 m ²	Up to 14 m ²	Up to 13 m ²	Up to 12 m ²
13 elem.	Up to 18 m ²	Up to 16 m ²	Up to 15 m ²	Up to 15 m ²
15 elem.	Up to 20 m ²	Up to 19 m ²	Up to 18 m ²	Up to 17 m ²

Calculation m³ - Ceiling height more than 3 metres

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

Reference table for **Kyros conservatory & Sygma conservatory (reduced height radiators)**

Calculation m² - ceiling height less than 3 metres

11 elem.	Up to 9 m ²	Up to 8 m ²	Up to 7 m ²	Up to 7 m ²
13 elem.	Up to 10 m ²	Up to 9 m ²	Up to 9 m ²	Up to 8 m ²
15 elem.	Up to 12 m ²	Up to 11 m ²	Up to 10 m ²	Up to 9 m ²

Calculation m³ - Ceiling height more than 3 metres

Up to 27 m ³	Up to 24 m ³	Up to 21 m ³	Up to 19 m ³
Up to 32 m ³	Up to 28 m ³	Up to 25 m ³	Up to 22 m ³
Up to 37 m ³	Up to 32 m ³	Up to 29 m ³	Up to 26 m ³



How does Fuzzy Logic Energy Control work?

Fuzzy Logic Energy Control is the new low consumption technology, developed exclusively by Rointe's R+D+I Department.

This innovative technology improves the energy management required to maintain a stable temperature, by accurately analysing thermal variations **with an accuracy of $\pm 0.25^{\circ}\text{C}$** . Together with high purity aluminium and biodegradable thermal fluid, our low consumption technologies transfer heat to the atmosphere in the most efficient way for your warmth and comfort.

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

Energy optimisation

Fuzzy Logic Energy Control predicts the amount of energy needed at each moment, until the setpoint temperature has been reached. It will then proportionally reduce the energy demand required to maintain the desired temperature, smoothing the initial curve by lowering the peak temperature.

Temperature stabilisation

Once the room has reached the temperature set in the heating product (in this case 21°C), the Fuzzy Logic Energy Control technology generates micro cuts in the energy consumption of the heating element, to keep the temperature stable within a thermal variation of only $\pm 0.25^{\circ}\text{C}$ (of the stationary period).

Fuzzy Logic Energy Control technology obtains an **equivalent non consumption coefficient of:**

62%

and an **equivalent consumption coefficient of:**

38%

EQUIVALENT CONSUMPTION COEFFICIENT

¿What is it?

The equivalent consumption coefficient is a parameter that we use to **calculate the effective power (average power of use) of our radiators based on their nominal power.**

NOMINAL POWER



EQUIVALENT CONSUMPTION COEFFICIENT



EFFECTIVE POWER

Using 100% of the nominal power to heat to 21°C

How is it obtained?

In tests carried out in the Center for Testing, Innovation and Services (CEIS) laboratory, our 1,430 W radiator was tested with Optimizer Energy Plus, the first energy optimisation technology patented by Rointe.

These tests concluded that to maintain a room at 21°C with a variation of only $\pm 0.25^{\circ}\text{C}$ for a period of 24 hours, a Rointe radiator needed an average of only 572 W, or 40% of its nominal power.

This percentage is what we define as the equivalent consumption coefficient.

How Fuzzy Logic Energy Control improves the efficiency:

We wanted to further improve the energy efficiency, therefore our R+D+I Department improved the Optimizer Energy Plus algorithm, paving the way for the new Fuzzy Logic Energy Control technology.

In a comparative test, carried out in our climatic chamber by the Technological Center for Energy & Environment and under the same conditions, the latest Fuzzy Logic Energy Control technology showed that it was able to save an extra 6% of the electric power and further **reduce the equivalent consumption coefficient to 38%.**

Calculation example for an 80m² home

Estimated calculation of an 80 m² home with D Series radiators, in a cold climatic zone, programmed for 12 hours day/night with a set temperature of 21°C.

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

ROOM	M ²	R.T.C.	N° ELEMENTS	PRODUCT	NOMINAL POWER	EQ. COEFF. CONSUMPTION	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
Hallway	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
Total	80 m²		63	7	6,880 W	38%	2,614.40 W

D Series radiator: effective power calculation

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

NOMINAL POWER	EQ. COEFF. CONSUMPTION	EFFECTIVE POWER			
6,880 W ×	38%	2.61 kW =			
EFFECTIVE POWER	HEATING TIME	RATE (£/KWH)	DAILY COST	MONTHLY COST	
2.61 kW ×	12 h	£ 0.12 / kWh =	£ 3.76	£ 112.94	

$$£ 112.94 / 80 \text{ m}^2 = £ 1.41/\text{m}^2/\text{month}^*$$

*Result obtained by dividing the monthly cost obtained in the above example among the m² of the house. Remember that these are approximate calculations and should be considered as such. For correct sizing, it is necessary to carry out a personalised and detailed Technical Study of an installation by an Official Rointe Installer.



8

reasons to work with Rointe



Free Technical Studies

We have a team of specialised engineers who will personally calculate the amount of elements needed for each space, according to your actual heating needs. This personalised study is the reference guide that guarantees optimal functioning of your Rointe heating system.



Marketing and sale material

Do you need a catalogue? Do you want to exhibit with an installed product? Are you going to distribute brochures in your area of influence? Our marketing department offers complete solutions and advertising packages that will help you sell more Rointe heating products and projects.



Rointe 360° Service

Here at Rointe, we have three specialised departments to offer you, the client, a global service tailored to your needs to provide you with the best heating solution:

- Commercial support including Pre-Sale and Projects
- Technical Support
- After-sales service



National network of experts

Our commitment to offering you the best service means, that at your disposal, we have a national network of heating experts ready to accompany you on site visits. They can share their knowledge of Rointe and our products with you to help you close sales and deals.



Vocational training

In our new, free courses and training you will discover first hand the technical components of each of our products, their characteristics and how they differ to help your knowledge and expertise. Do you want to conduct in-store or business training? No problem, just contact our Commercial Department and we will organise a training day for you.



Rointe Club for installers

The Rointe Club for official installers offers exclusive benefits designed just for you. Join our club and be part of a winning team!

Learn all the advantages of becoming an Official Rointe Installer and take advantage of our special offers and promotions at www.rointe.co.uk.



After-sales service

Our objective is to offer you a personal experience. Therefore, we have our own department dedicated to after-sales. They can help resolve incidents, answer your questions or provide you with technical information that you might need after an installation.



Maximum guarantees

At Rointe, we care about quality. Therefore, all our production processes are subject to constant quality control and are manufactured from 100% European components. You can enjoy reliable products with the longest guarantees on the market for complete peace of mind.

	MODEL	ELEMENTS	POWER	COLOUR	EAN CODE	T.P.
RADIATOR D Series White	DIW0330RAD	3	330 W	White RAL 9016	8436045913708	£ 352
	DIW0550RAD	5	550 W	White RAL 9016	8436045913715	£ 446
	DIW0770RAD	7	770 W	White RAL 9016	8436045913722	£ 558
	DIW0990RAD	9	990 W	White RAL 9016	8436045913739	£ 637
	DIW1210RAD	11	1,210 W	White RAL 9016	8436045913746	£ 707
	DIW1430RAD	13	1,430 W	White RAL 9016	8436045913753	£ 783
	DIW1600RAD	15	1,600 W	White RAL 9016	8436045913760	£ 874
RADIATOR D Series Graphite	DIB0330RAD	3	330 W	Graphite	8436045913777	£ 373
	DIB0550RAD	5	550 W	Graphite	8436045913784	£ 473
	DIB0770RAD	7	770 W	Graphite	8436045913791	£ 591
	DIB0990RAD	9	990 W	Graphite	8436045913807	£ 675
	DIB1210RAD	11	1,210 W	Graphite	8436045913814	£ 750
	DIB1430RAD	13	1,430 W	Graphite	8436045913821	£ 830
	DIB1600RAD	15	1,600 W	Graphite	8436045913838	£ 926
RADIATOR Kyros	KRI0330RAD3	3	330 W	White RAL 9010	8436045917256	£ 276
	KRI0550RAD3	5	550 W	White RAL 9010	8436045917263	£ 350
	KRI0770RAD3	7	770 W	White RAL 9010	8436045917270	£ 438
	KRI0990RAD3	9	990 W	White RAL 9010	8436045917287	£ 500
	KRI1310RAD3	11	1,210 W	White RAL 9010	8436045917294	£ 555
	KRI1430RAD3	13	1,430 W	White RAL 9010	8436045917300	£ 614
	KRI1600RAD3	15	1,600 W	White RAL 9010	8436045917317	£ 685
RADIATOR Kyros conservatory	KRI1100RADC3	11	1,100 W	White RAL 9010	8436045915894	£ 514
	KRI1300RADC3	13	1,300 W	White RAL 9010	8436045915900	£ 568
	KRI1500RADC3	15	1,500 W	White RAL 9010	8436045915917	£ 634

	MODEL	HEIGHT	POWER	COLOUR	EAN CODE	T.P.
TOWEL RAIL D Series White	DTI030SEW	843 mm	300 W	White RAL 9016	8436045913920	£ 423
	DTI045SEW	1,161 mm	450 W	White RAL 9016	8436045913937	£ 476
	DTI060SEW	1,475 mm	600 W	White RAL 9016	8436045913944	£ 519
	DTI075SEW	1,797 mm	750 W	White RAL 9016	8436045913951	£ 576
TOWEL RAIL D Series Graphite	DTI030SEB	843 mm	300 W	Graphite	8436045913883	£ 493
	DTI045SEB	1,161 mm	450 W	Graphite	8436045913890	£ 616
	DTI060SEB	1,475 mm	600 W	Graphite	8436045913906	£ 690
	DTI075SEB	1,797 mm	750 W	Graphite	8436045913913	£ 759
TOWEL RAIL D Series Chrome	DTI030SEC	843 mm	300 W	Chrome	8436045913845	£ 535
	DTI045SEC	1,161 mm	300 W	Chrome	8436045913852	£ 686
	DTI060SEC	1,475 mm	450 W	Chrome	8436045913869	£ 796
	DTI075SEC	1,797 mm	600 W	Chrome	8436045913876	£ 921
TOWEL RAIL Kyros White	KTI030SEB3	900 mm	300 W	White RAL 9016	8436045917379	£ 277
	KTI050SEB3	1,300 mm	500 W	White RAL 9016	8436045917386	£ 353
	KTI075SEB3	1,700 mm	750 W	White RAL 9016	8436045917393	£ 399
	KTI100SEB3	1,900 mm	1,000 W	White RAL 9016	8436045917409	£ 440
TOWEL RAIL Kyros Chrome	KTI030SEC3	900 mm	300 W	Chrome	8436045917331	£ 442
	KTI050SEC3	1,300 mm	300 W	Chrome	8436045917348	£ 569
	KTI075SEC3	1,700 mm	500 W	Chrome	8436045917355	£ 710
	KTI100SEC3	1,900 mm	750 W	Chrome	8436045917362	£ 764

	MODEL	CAPACITY	POWER	ENERGY CLASS	EAN CODE	T.P.
D.H.W. HEATER ROME Connected, white	RWI080DHW4	80 L	2,400 W	B	8436045913074	£ 438
	RWI150DHW4	150 L	2,400 W	B	8436045913531	£ 631
D.H.W. HEATER SIENA Basic, white	SWI080DHW4	80 L	2,400 W	B	8436045913555	£ 408
	SWI150DHW4	150 L	2,400 W	B	8436045913135	£ 601
	MODEL	CAPACITY	POWER	ENERGY CLASS	EAN CODE	T.P.
D.H.W. COMPACT VENICE Top outlet	VWI010DHW4	10 L	1,500 W	B	8436045913159	£ 166
	VWI015DHW4	15 L	1,500 W	B	8436045913166	£ 185
D.H.W. COMPACT VENICE Bottom outlet	VWI010DHWU4	10 L	1,500 W	B	8436045913616	£ 166
	VWI015DHWU4	15 L	1,500 W	B	8436045913623	£ 185
D.H.W. INSTANT CAPRI	CWI700DHWU4	4 L / minute	7,000 W	A	8436045914583	£ 164
	CWI800DHWU4	4.6 L / minute	8,000 W	A	8436045914590	£ 173
HEAT PUMP DALIS with exchanger	DWI200DHW4	200	1,500 + 500 W	A	8436045914620	£ 3,234
	DWI260DHW4	260	1,500 + 500 W	A	8436045914606	£ 4,017
HEAT PUMP DALIS without exchanger	DWI200DHW4	200	1,500 + 500 W	A	8436045914637	£ 3,032
	DWI260DHW4	260	1,500 + 500 W	A	8436045914613	£ 3,049

	MODEL	COMPATIBLE WITH	HEIGHT	COLOUR	EN CODE	T.P.
REMOTES AIR & BASIC CONTROL	ACMI120	D Series + Rome	177 mm	White RAL 9010	8436045914279	£ 135
	ACMIB120	D Series + Rome	177 mm	Soft Touch Black	8436045914552	£ 150
	BCMI100	Kyros, Sygma + Siena	155 mm	White RAL 9010	8436045915856	£ 85

	MODEL	COMPATIBLE WITH	COLOUR	EAN CODE	T.P.
GRILLS RADIATOR D Series White	RDW0550	DIW0330RAD / DIW0550RAD	White RAL 9016	8436045915993	£ 97
	RDW0770	DIW0770RAD	White RAL 9016	8436045916006	£ 107
	RDW0990	DIW0990RAD	White RAL 9016	8436045916013	£ 118
	RDW1210	DIW1210RAD	White RAL 9016	8436045916020	£ 131
	RDW1430	DIW1430RAD	White RAL 9016	8436045916037	£ 143
	RDW1600	DIW1600RAD	White RAL 9016	8436045916044	£ 145
GRILLS RADIATOR D Series Graphite	RDB0550	DIB0330RAD / DIB0550RAD	Graphite	8436045916068	£ 103
	RDB0770	DIB0770RAD	Graphite	8436045916075	£ 113
	RDB0990	DIB0990RAD	Graphite	8436045916082	£ 125
	RDB1210	DIB1210RAD	Graphite	8436045916099	£ 139
	RDB1430	DIB1430RAD	Graphite	8436045916105	£ 152
	RDB1600	DIB1600RAD	Graphite	8436045916112	£ 154
GRILLS RADIATOR Kyros	RKY0550	KRI0330RAD3 / KRI0550RAD3	White RAL 9010	8436045914392	£ 89
	RKY0770	KRI0770RAD3	White RAL 9010	8436045914408	£ 97
	RKY0990	KRI0990RAD3	White RAL 9010	8436045914415	£ 107
	RKY1210	KRI1310RAD3	White RAL 9010	8436045914422	£ 119
	RKY1430	KRI1430RAD3	White RAL 9010	8436045914439	£ 131
	RPK1600	KRI1600RAD3	White RAL 9010	8436045914446	£ 133
GRILLS RADIATOR Kyros conservatory	RKY1100	KRI1100RADC3	White RAL 9010	8436045914453	£ 110
	RKY1300	KRI1300RADC3	White RAL 9010	8436045914460	£ 120
	RKY1500	KRI1500RADC3	White RAL 9010	8436045914477	£ 130

	MODEL	MAXIMUM WEIGHT	LENGTH	COLOUR	EAN CODE	T.P.
RACK TOWEL RAIL	RSRW002	1 kg	410 mm	White RAL 9016	8436045916983	£ 60
	RSRB002	1 kg	410 mm	Graphite	8436045916990	£ 65
	RSRC002	1 kg	410 mm	Chrome	8436045917089	£ 65
HANGERS TOWEL RAIL	RSHW002	2 kg	70 mm	White RAL 9016	8436045917010	£ 25
	RSHB002	2 kg	70 mm	Graphite	8436045917041	£ 30
	RSHC002	2 kg	70 mm	Chrome	8436045917027	£ 30

	MODEL	CONNECTION	FLOW	MATERIAL	EAN CODE	T.P.
THERMOSTATIC MIXING VALVE	KWVAL1814	1/2 "	4 L / minute	Steel	8436045917021	£ 88
	KWVAL1815	3/4 "	6 L / minute	Steel	8436045917058	£ 98

	MODEL	MAXIMUM WEIGHT	HEIGHT	COLOUR	EAN CODE	T.P.
SUPPORT TRIPOD	TPKW001	260 kg	625 mm	White	8436045914323	£ 80

	MODEL	HEIGHT	WIDTH	COLOUR	EAN CODE	T.P.
UNIVERSAL SUPPORT	KWSPT01	80 mm	470 mm	White	8437007080445	£ 20

	MODEL	COMPATIBLE WITH	MATERIAL	EAN CODE	T.P.	
INSTALLATION KITS	KITKW02	Rome + Siena	80 L / 150 L	Various	8436045914347	£ 152
	KITKW03	Dalis	200 / 260 L	Various	8436045914354	£ 170
	KITW04	Venice	10 L / 15 L	Various	8436045912992	£ 135



	MODELS	HEATING AREA (M ²)	POWER	EAN CODE	T.P.
UNDERFLOOR HEATING Atria Ceramic floors	MSIECT010	1	150 W	8436045918383	£ 82
	MSIECT015	1.5	225 W	8436045918390	£ 108
	MSIECT020	2	300 W	8436045918406	£ 121
	MSIECT025	2.5	375 W	8436045918413	£ 148
	MSIECT030	3	450 W	8436045918420	£ 175
	MSIECT035	3.5	525 W	8436045918437	£ 197
	MSIECT040	4	600 W	8436045918444	£ 215
	MSIECT045	4.5	675 W	8436045918451	£ 239
	MSIECT050	5	750 W	8436045918468	£ 264
	MSIECT060	6	900 W	8436045918475	£ 312
	MSIECT070	7	1,050 W	8436045918482	£ 358
	MSIECT080	8	1,200 W	8436045918491	£ 393
MSIECT090	9	1,350 W	8436045918505	£ 423	
MSIECT100	10	1,500 W	8436045918512	£ 460	
MSIECT110	11	1,650 W	8436045918529	£ 487	
MSIECT120	12	1,800 W	8436045918536	£ 530	
UNDERFLOOR HEATING Mios Ceramic floors	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	£ 160
	MSIPVC045	4.5	675 W	8436045918628	£ 178
	MSIPVC050	5	750 W	8436045918635	£ 190
	MSIPVC060	6	900 W	8436045918642	£ 226
	MSIPVC070	7	1,050 W	8436045918659	£ 251
	MSIPVC080	8	1,200 W	8436045918666	£ 259
MSIPVC090	9	1,350 W	8436045918673	£ 273	
MSIPVC100	10	1,500 W	8436045918680	£ 284	
MSIPVC120	12	1,650 W	8436045918703	£ 325	
UNDERFLOOR HEATING Erko Wood, laminate, vinyl, linoleum and carpet floors	MSIWFH010	1	1,800 W	8436045918727	£ 60
	MSIWFH015	1.5	210 W	8436045918734	£ 71
	MSIWFH020	2	280 W	8436045918741	£ 90
	MSIWFH030	3	420 W	8436045918758	£ 131
	MSIWFH040	4	560 W	8436045918765	£ 161
	MSIWFH050	5	700 W	8436045918772	£ 190
	MSIWFH060	6	840 W	8436045918789	£ 225
	MSIWFH070	7	980 W	8436045918796	£ 252
	MSIWFH080	8	1,120 W	8436045918802	£ 286
	MSIWFH090	9	1,260 W	8436045918819	£ 317
	MSIWFH100	10	1,400 W	8436045918826	£ 351
	MSIWFH120	12	1,680 W	8436045918833	£ 411
INSULATION PANEL					
MODEL	UNITS	THICKNESS	DIMENSIONS	EAN CODE	T.P.
ASCI06	1	6 mm	600 x 1,200 mm	8436045918840	£ 13
UPPER LINING					
MODEL	UNITS PER BOX	THICKNESS	DIMENSIONS	EAN CODE	T.P.
ASLIDO	4 per box	Top plate 4 mm Bottom plate 3 mm	600 x 1,200 mm	8436045918864	£ 104
INSULATION BARRIER					
MODEL	THICKNESS	SURFACE (M ²)	EAN CODE	T.P.	
ASLIU025	6 mm	2.5	8436045918871	£ 23	
ASLIU050	6 mm	5	8436045918888	£ 48	
ASLIU100	6 mm	10	8436045918895	£ 90	
ASLIU250	6 mm	25	8436045918901	£ 214	
ST.2 THERMOSTAT					
MODEL	PROGRAMMING	COLOUR	PROTECTION GRADE	EAN CODE	T.P.
TSETI02	24/7	Black	IP33	8436045911056	£ 55
CT.2 THERMOSTAT					
MODEL	PROGRAMMING	COLOUR	PROTECTION GRADE	EAN CODE	T.P.
TSMTIW2	24/7	White	IP32	8436045911186	£ 156
TSMTIB2	24/7	Black	IP32	8436045913388	£ 169

Prices, models and details correct (except misprint) at time of printing (July 2018).



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

- 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.
- 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.
- 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:

- under the Health and Safety at work Act 1974 as amended or any regulations orders or directions made thereunder.
- Resulting from any breach of the Customer's obligations under this terms and conditions.
- 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.

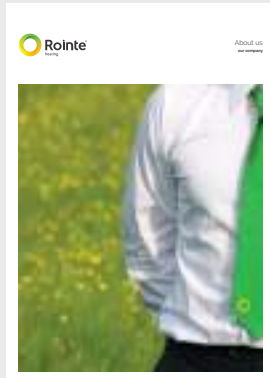
NOTE: Rointe reserves the right to modify the configuration and presentation of the contents included within this publication. The images published in this publication may not exactly match the final installed product.

NOTE: ROINTE reserves the right to modify the presentation and configuration of the contents included in this publication. The images of the products may not correspond to the final product installed (some images do not reflect the wiring, supports and water intakes and pipes necessary for the product to work correctly).

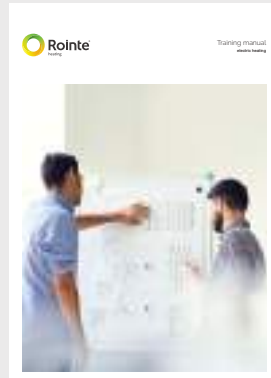
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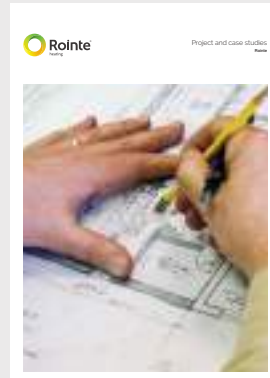
Monday to Friday from 7.30 am to 5.30 pm.



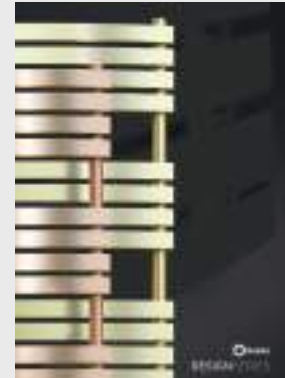
Corporate brochure



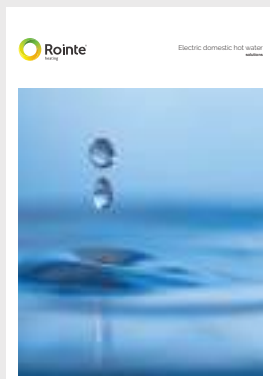
Training manual



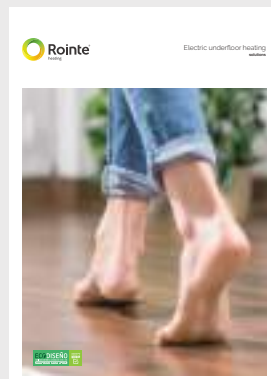
Projects & case studies



Special finishes



Electric D.H.W. solutions



Electric underfloor heating solutions



On-line calculation App

Specific documentation

Rointe offers a wide range of heating solutions perfect for all types of users. In addition to this brochure, we have more publications with specific information per product and / or type of user. You can request them by calling 0203 321 5928 or sending an e-mail to sales@rointe.co.uk.

On-line calculation App

We have an on-line application that allows you to get an estimative study of any installation by introducing its location, desired products, number of rooms and the m² of the installation. Go to www.rointe.co.uk/calculate-your-needs/ and discover it!



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