



Digital integrated heating solutions for the

Educational sector

Energy smart, extraordinary warmth

www.rointe.co.uk





Rointe

A leading
brand with
**international
growth**



● Contents

- 05** Our promise to you
- 07** How we can improve your heating
- 09** Energy consumption in the educational sector
- 10** Rointe: The perfect heating solution
- 12** Discover the KYROS radiator
- 13** Discover the D Series radiator
- 15** Complete your system with our accessories
- 17** Complete control - anytime, anywhere
- 18** Success stories



Rointe with you

The European leader in **energy efficient electric heating** for more than 30 years. Our success is guided by our commitment to innovation and quality.



Our promise

- Creating the most innovative, sustainable and intelligent electric heating solutions on the market.
- A complete integrated system, all under a single control.
- Compliance with the most demanding regulations, such as Lot20.
- No maintenance, breakdowns or costly repairs.
- Up to 20 years guarantee on the radiator body plus up to 3 years guarantee on the electrical components.*
- Quick and easy installation.
- Energy efficient products with advanced technology.
- Dedicated customer care with a bespoke 360° service.

* Please check the guarantee conditions on our website at www.rointe.co.uk/guarantee.



How we can improve your heating

The Rointe digital integral system perfectly meets the heating needs of your students, visitors and staff by increasing comfort and helping to **reduce your energy consumption**.

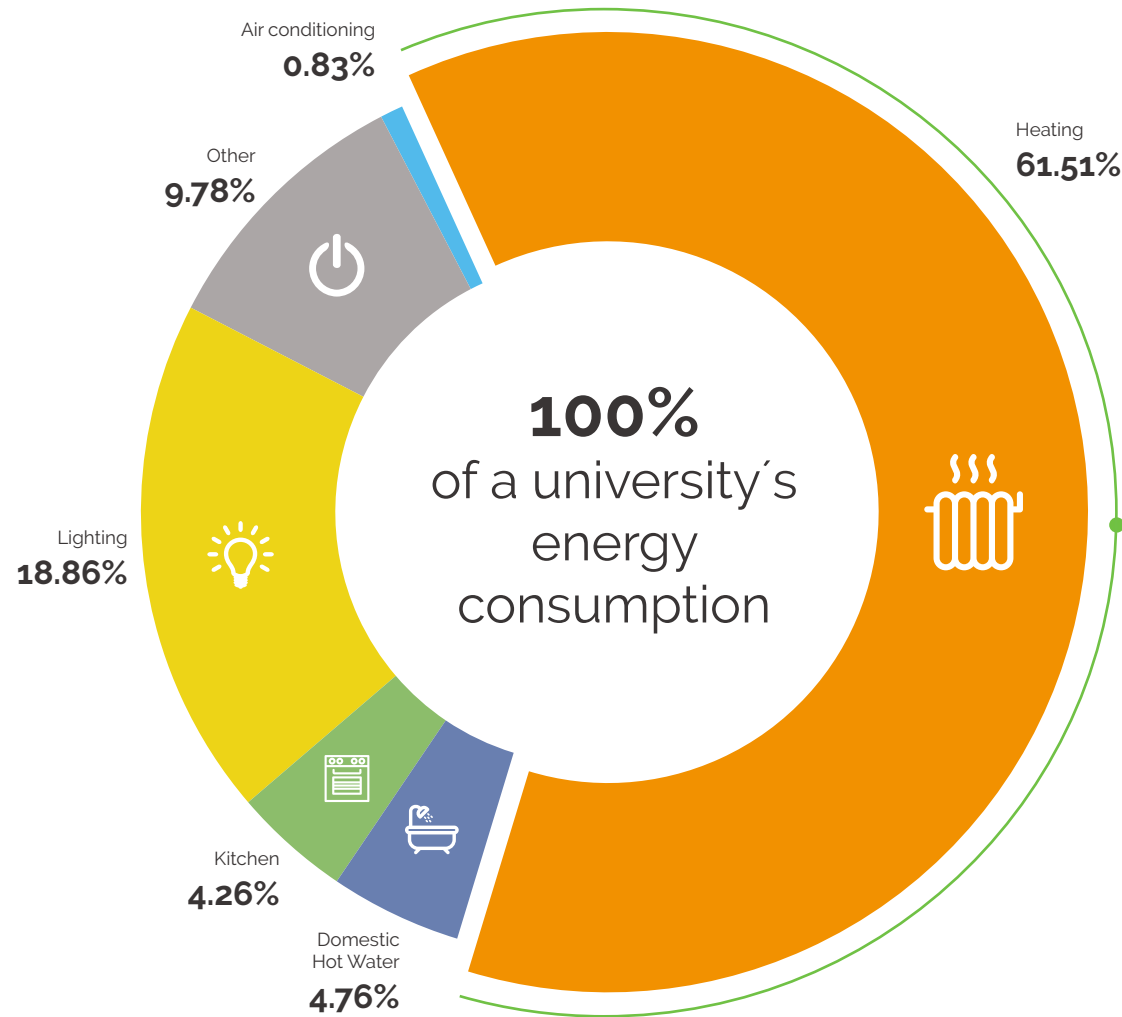


What we can offer

- Improved comfort whilst saving money.
- Heat without air currents.
- Heat dissipation by natural air convection.
- A unique system which keeps humidity and room temperature stable.
- A large range of sizes and finishes.
- Total control, 24/7, for individual products, classrooms, floors, departments or whole buildings.
- A complete heating system including radiators, towel rails and water heaters, along with our new underfloor heating systems.
- Low consumption technology - independently tested and demonstrated in official laboratories.
- Lower surface temperatures eliminating risk of burns.

A diverse group of students is shown in profile, sitting in a lecture hall. They are looking towards the front of the room. The students are of various ethnicities and ages. The background is slightly blurred, showing large windows and greenery outside.

The energy
consumption
**of your
university**



Heating
accounts
for up to
61.51%
of the energy
used in a typical
university

Rointe Digital Integral Heating System: the perfect heating solution

Did you know that Rointe electric radiators heat the space by natural air convection and radiant heat? **This provides a soft and even warmth for your students, staff and visitors.**

What does it do differently?

- Maintains the temperature of a room within $\pm 0.25^{\circ}\text{C}$ variation by predicting the amount of energy required to heat the room.
- Installation without pipes or chimneys. Works without combustion, fumes nor contamination at point-of-use.
- A complete heating system without breakdowns or maintenance costs. Easy and fast installation.
- Uses electricity as the only fuel. Clean, ecological, safe and comfortable energy.
- **Fuzzy Logic Energy Control technology - operates at a non consumption equivalent ratio of more than 60% during its working hours*.**
- Wi-Fi inside technology which allows complete control anytime, anywhere via a computer, tablet, smartphone or laptop.
- True Real Power – A consumption monitor which lets you know the true consumption of the products at any time.
- Energy saving functions such as “USER mode”, which restricts the working temperatures, or “Open Windows” which switches off the product if it detects a sharp drop in the room temperature.
- The products can be locked remotely so they can't be manipulated.
- Has an unnoticeable air speed under 0.1m/s.
- Lower surface temperatures to eliminate risk of burns.

*The figure is obtained subtracting the effective power (38%) from the nominal power (100%). The effective power is the actual power required to heat a room of 12m² with a set temperature of 21° using the exclusive Fuzzy Logic Energy Control technology always under certain parameters and according to the results performed by independent laboratories in a climatic chamber.





Essential range

KYROS

The **energy smart** electric radiator that makes life easier.

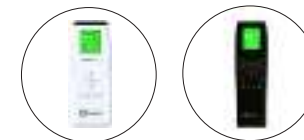


INFRARED



Features

- 4 ready to use pre-installed smart lifestyle programs.
- Optimised design for natural air convection.
- White RAL 9010 finish.
- Low consumption - Fuzzy Logic Energy Control technology.
- Average surface temperature 43°C during stationary period.
- Energy Saving functions - Open Windows, USER mode.
- Infrared communication.
- <0.1 m/s air speed.
- Energy efficiency indicator.
- 1.77" TFT screen with interactive menus.
- Safety thermostat.
- Temperature stability variation of only $\pm 0.25^{\circ}\text{C}$.
- Available in 10 sizes including a new conservatory "short" version for under windows.
- Compatible with AIR and BASIC Control remotes:



Premium range

D Series

The first electric radiator in the world to incorporate a **built-in Wi-Fi module**.



INFRARED



e·life
technology

wifiinside



Features

- Wireless communication via Wi-Fi and infrared.
- Optimised design for natural air convection.
- Up to 30 RAL colours available.
- Low consumption - Fuzzy Logic Energy Control technology.
- Average surface temperature 43°C during stationary period.
- Energy Saving functions - Open Windows, USER mode.
- 100% slimline aluminium body.
- <0.1 m/s air speed.
- 1.77" TFT screen with interactive menus.
- Highly sensitive control panel.
- Safety thermostat.
- Temperature stability variation of only $\pm 0.25^{\circ}\text{C}$.
- Control, cost and consumption statistics via Rointe Connect.
- Compatible with BASIC Control remote and Rointe Connect app:



Radiator comparison



ESSENTIAL RANGE · KYROS

PREMIUM RANGE · D Series

Up to 62% non consumption ratio*

Up to 62% non consumption ratio*

	ESSENTIAL RANGE · KYROS	PREMIUM RANGE · D Series
Low consumption	Up to 62% non consumption ratio*	Up to 62% non consumption ratio*
Dissipation via natural air convection	●	●
High quality aluminium	●	●
Product with aluminium end panels	-	●
High quality thermal fluid	●	●
Energy-saving functions	●	●
Exclusive SMD electronics	●	●
Infrared control	●	●
Compatible with Rointe remote controls	●	●
Built-in Wi-Fi module	-	●
Compatible with Rointe Connect App	-	●
E-Life technology	-	●
Real-time consumption meter	-	●
Available in different RAL finishes	-	●
Touch screen control panel	-	●
4 pre-installed lifestyle smart programs	●	-
Complete control 24/7	●	●
Possibility to lock control panel	●	●
1.77" TFT screen	●	●
Digital safety thermostat	●	●
20 years guarantee on aluminium and 3 years on electronics	●	●
Available in 7 different element sizes	●	●
Available in conservatory size version	●	-

*The figure is obtained subtracting the effective power (38%) from the nominal power (100%). The effective power is the actual power required to heat a room of 12m² with a set temperature of 21° using the exclusive Fuzzy Logic Energy Control technology always under certain parameters and according to the results performed by independent laboratories in a climatic chamber.

Radiator accessories, **protective grills**

A protective system **exclusively designed** for Rointe radiators.

Why should you choose to install

- No contact with radiator surface.
- Foreign objects cannot be inserted into the radiator components.
- Eliminates risk of burns.
- Available for every Rointe radiator size including the new KYROS conservatory version.
- Available in White RAL 9010 or Graphite finish.
- Installation recommended for schools, colleges, universities, nurseries and other educational buildings to protect students.



The Rointe D Series premium range lets you **control the heating products of an entire building, a whole floor or classroom, or each product individually, anytime anywhere**

D Series and
**Rointe
Connect app**

Complete control from your computer or smartphone



A heating system...

- That you can control easily anytime, anywhere by computer, smartphone, tablet or laptop.
- That includes real time consumption reports that can be viewed by day, month or year.
- With individual control via Wi-Fi for each classroom, floor, department or building.
- With an energy efficiency of more than 60% of its nominal power**.
- With the ability to configure different kWh prices for each hour of the day.
- That will send notifications and recommendations direct to your device.
- That allows remote locking at any time to prevent misuse.



Android 4.0 or higher. iOS 8.0 or higher.
*Please consult a WiFi professional to ensure premise WiFi network has full operational capabilities with our system.



Real success stories



Manchester University

Manchester · England



The University of Manchester



Different heating requirements for classrooms and dormitories **in Cheam School**

- “We can independently program each heater according to the needs of each room and the comfort of the children.”

“In addition the remote lock function on the remote control prevents tampering with the settings and enables our maintenance team to quickly and efficiently set the temperature and timings for all the heaters simultaneously”

Cheam School

Headley · England



Cheam School

Where traditional values meet modern thinking.



A new world of efficient heating solutions. Discover more at:
www.rointe.co.uk



Talk to our team of professionals today. Experts in large projects and ready to help design your Rointe Digital Integral Heating System according to your needs.

Rointe Projects Department
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