

# KYROS

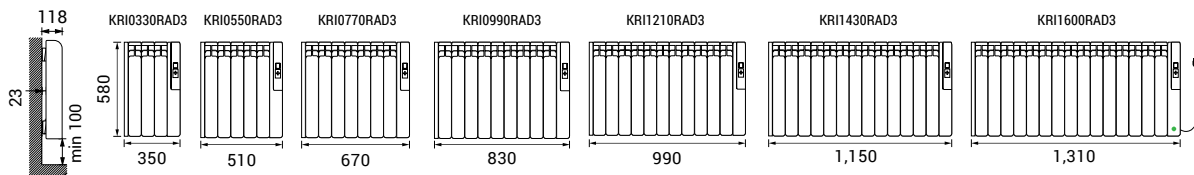
## ELECTRIC RADIATOR WITH THERMAL FLUID

- High-purity 100% recycled aluminium body
- High heat transfer thermal fluid
- Wall-mounted, easy to install
- TFT screen and mechanical keypad
- 24/7 programming with 4 editable pre-installed heating programs
- Compatible with Rointe AIR or BASIC remote controls (sold separately)
- Energy-saving functions: Open Windows, User mode
- Energy efficiency tech: Fuzzy Logic Energy Control
- Works with renewable energy sources like solar/PV for sustainable heating
- Guarantee: 10 years body | 3 years electronics



| MODEL  | KRI0330RAD3    | KRI0550RAD3 | KRI0770RAD3 | KRI0990RAD3 | KRI1210RAD3 | KRI1430RAD3 | KRI1600RAD3 |
|--|----------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>TECHNICAL CHARACTERISTICS</b>               |                |             |             |             |             |             |             |
| No. Heating Elements                           | 3              | 5           | 7           | 9           | 11          | 13          | 15          |
| Nominal Power (W)                              | 330            | 550         | 770         | 990         | 1,210       | 1,430       | 1,600       |
| Effective Power (W) <sup>1</sup>               | 125            | 209         | 293         | 376         | 460         | 543         | 608         |
| Voltage (V)                                    | 220-240        | 220-240     | 220-240     | 220-240     | 220-240     | 220-240     | 220-240     |
| Frequency (Hz)                                 | 50             | 50          | 50          | 50          | 50          | 50          | 50          |
| Current (A)                                    | 1.4            | 2.4         | 3.3         | 4.3         | 5.3         | 6.2         | 7.0         |
| Finish   | White RAL 9016 |             |             |             |             |             |             |
| <b>DIMENSIONS</b>                              |                |             |             |             |             |             |             |
| Height (mm)                                    | 580            | 580         | 580         | 580         | 580         | 580         | 580         |
| Width (mm)                                     | 350            | 510         | 670         | 830         | 990         | 1,150       | 1,310       |
| Depth (mm)                                     | 95             | 95          | 95          | 95          | 95          | 95          | 95          |
| Installed Depth (mm)                           | 118            | 118         | 118         | 118         | 118         | 118         | 118         |
| Weight (kg)                                    | 6.9            | 10.7        | 14.4        | 18.1        | 22.0        | 25.6        | 30.4        |
| Heats Room Size (m <sup>2</sup> ) <sup>2</sup> | up to 4        | up to 6     | up to 9     | up to 11    | up to 14    | up to 16    | up to 19    |

### DIAGRAM



### MATERIALS

|                            |                                       |
|----------------------------|---------------------------------------|
| Body                       | High purity aluminium (100% recycled) |
| Control Panel / End Casing | Fire-proof PC/ABS (non yellowing)     |
| Interior                   | Oil filled                            |
| Heating Technology         | Thermal Fluid tech                    |

### ELECTRONICS

|                        |  |
|------------------------|--|
| Battery                | 3V   |
| Electronic Components  | SMD  |
| Energy Control Element | TRIAC  |
| Temperature Sensor     | NTC High Precision $\pm 0.1^{\circ}\text{C}$ |
| Cable Length           | 1.7 m  |
| Plug                   | UK 3 Pin with 13A fuse                       |

### SAFETY

|  |         |
|--|---------|
| Safety Thermostat & Overheat Detection | ✓       |
| IP Rating                              | IP24    |
| Protection Grade                       | Class I |

# KYROS

## ELECTRIC RADIATOR WITH THERMAL FLUID

| MODEL   | KRI0330RAD3   | KRI0550RAD3 | KRI0770RAD3 | KRI0990RAD3 | KRI1210RAD3 | KRI1430RAD3 | KRI1600RAD3 |
|---|---|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>TEMPERATURE</b>                                |   |             |             |             |             |             |             |
| Manual Adjust Temperature                         | 7 to 30°C   |             |             |             |             |             |             |
| Temperature modes                                 | Off, Anti-Frost, Eco, Comfort   |             |             |             |             |             |             |
| Anti-Frost Temperature                            | 7°C   |             |             |             |             |             |             |
| Eco Range Temperature                             | 7.5 to 18.5°C   |             |             |             |             |             |             |
| Comfort Range Temperature                         | 19 to 30°C  |             |             |             |             |             |             |
| Ambient Temperature Stability <sup>3</sup>        | ± 0.25 °C   |             |             |             |             |             |             |
| <b>ENERGY SAVING TECHNOLOGIES &amp; FUNCTIONS</b> |   |             |             |             |             |             |             |
| Energy Control Technology                         | Fuzzy Logic Energy Control - up to 62% less of its nominal power <sup>1</sup> |             |             |             |             |             |             |
| Programming                                       | 24/7  |             |             |             |             |             |             |
| Preset Heating Programs                           | ✓   |             |             |             |             |             |             |
| Adaptive Start                                    | -   |             |             |             |             |             |             |
| Open Windows                                      | ✓   |             |             |             |             |             |             |
| User mode   | ✓   |             |             |             |             |             |             |
| Hotel mode  | -   |             |             |             |             |             |             |
| Presence Detector                                 | -   |             |             |             |             |             |             |
| Pilot Wire  | Only when specifically ordered  |             |             |             |             |             |             |
| Programming modes                                 | Manual/Automatic  |             |             |             |             |             |             |
| Consumption Meter                                 | ✓   |             |             |             |             |             |             |
| <b>CONTROLS &amp; INTERFACE</b>                   |   |             |             |             |             |             |             |
| Operation Via Rointe Heating App                  | -   |             |             |             |             |             |             |
| Operation Via Remote Control                      | ✓   |             |             |             |             |             |             |
| Operation Via Control Panel                       | ✓   |             |             |             |             |             |             |
| Screen  | 1.77" TFT   |             |             |             |             |             |             |
| Interactive Menus                                 | ✓   |             |             |             |             |             |             |
| Control Panel Lock                                | Via control panel   |             |             |             |             |             |             |
| Remote Control Lock                               | Via Rointe AIR or BASIC remote control  |             |             |             |             |             |             |
| Keypad  | Mechanical  |             |             |             |             |             |             |
| <b>WIFI CONTROL &amp; TECHNOLOGIES</b>            |   |             |             |             |             |             |             |
| Built-In WiFi (2.4 GHz)                           | -   |             |             |             |             |             |             |
| WiFi Direct <sup>4</sup>                          | -   |             |             |             |             |             |             |
| Rointe Heating App Control                        | -   |             |             |             |             |             |             |
| Rointe Heating App Platforms                      | -   |             |             |             |             |             |             |
| Works with Amazon Alexa & Google Assistant        | -   |             |             |             |             |             |             |
| Control by Geolocation                            | -   |             |             |             |             |             |             |
| True Real Power Consumption meter                 | -   |             |             |             |             |             |             |
| Cost & Consumption control                        | -   |             |             |             |             |             |             |
| Customisable Screen Colour                        | -   |             |             |             |             |             |             |
| Comfort Index <sup>5</sup>                        | -   |             |             |             |             |             |             |
| AIH System <sup>5</sup>                           | -   |             |             |             |             |             |             |
| <b>INSTALLATION</b>                               |   |             |             |             |             |             |             |
| Mounting  | Wall  |             |             |             |             |             |             |
| Direction   | Horizontal  |             |             |             |             |             |             |
| Supplied With                                     | Plug, Cable, Installation Kit (template, brackets, screws), User Manual       |             |             |             |             |             |             |
| <b>PACKAGING INFORMATION</b>                      |   |             |             |             |             |             |             |
| Height (mm)                                       | 650   | 650         | 650         | 650         | 650         | 650         | 650         |
| Width (mm)  | 400   | 560         | 720         | 890         | 1,050       | 1,200       | 1,360       |
| Depth (mm)  | 150   | 150         | 150         | 150         | 150         | 150         | 150         |
| Gross Weight (kg)                                 | 8   | 12          | 16          | 20          | 24          | 28          | 33          |
| <b>GUARANTEE</b>                                  |   |             |             |             |             |             |             |
| Aluminium Body Guarantee                          | 10 years  |             |             |             |             |             |             |
| Electronic Components Guarantee                   | 3 years   |             |             |             |             |             |             |

# KYROS

ELECTRIC RADIATOR WITH THERMAL FLUID

| MODEL   | KRI0330RAD3 | KRI0550RAD3 | KRI0770RAD3 | KRI0990RAD3 | KRI1210RAD3 | KRI1430RAD3 | KRI1600RAD3 |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>APPROVALS, CERTIFICATIONS &amp; CONFORMITIES</b> |             |             |             |             |             |             |             |
| CE  |             |             |             | ✓           |             |             |             |
| UKCA  |             |             |             | ✓           |             |             |             |
| NF  |             |             |             | -           |             |             |             |
| RoHS  |             |             |             | ✓           |             |             |             |
| ERP Ready - LOT20                                   |             |             |             | ✓           |             |             |             |
| ETIM Class  |             |             |             |             | EC000593    |             |             |
| <b>COMPATIBLE ACCESSORIES</b>                       |             |             |             |             |             |             |             |
| Protective Grill/Cover                              |             |             |             | ✓           |             |             |             |
| Remote Control (Infrared)                           |             |             |             | ✓           |             |             |             |
| Wheels  |             |             |             | ✓           |             |             |             |

1) Values based on the use of patented energy optimisation technology for a temperature of 21°C. Tested by independent laboratories. 2) In a cold climate zone classified by Rointe. Please use the Rointe online calculator for more accurate calculations according to location and room parameters: <https://rointe.com/uk/calculate-heating/>.

3) Temperature stabilisation measured over stationary period at 21°C. 4) Compatible with 2.4 GHz. No need for gateways or other connections. 5) Available from Q3/Q4 2023.

Available  
Finishes/Colours



White RAL 9016

