

BELIZE WIFI

WiFi DIRECT

TRF
TRUE REAL POWER



ELECTRIC RADIATOR WITH THERMAL FLUID

- High-purity 100% recycled aluminium body and end-casing
- High heat transfer thermal fluid
- Wall-mounted, easy to install
- Touch control panel with TFT display
- Integrated WiFi (compatible with 2.4 GHz) and smartphone control
- Control temperature, cost & consumption 24/7 from the Rointe Connect app
- Energy-saving functions: Open Windows, Adaptive start, Hotel & User mode
- Energy efficiency tech: Fuzzy Logic Energy Control ¹
- Works with renewable energy sources like solar/PV for sustainable heating
- Guarantee: 10 years body | 3 years electronics



MODEL	BRI0330RAD	BRI0550RAD	BRI0770RAD	BRI0990RAD	BRI1210RAD	BRI1430RAD	BRI1600RAD
TECHNICAL CHARACTERISTICS							
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) ²	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 9010						
DIMENSIONS							
Height (mm)	575	575	575	575	575	575	575
Width (mm)	340	500	660	820	820	980	1,300
Depth (mm)	95	95	95	95	95	95	95
Installed Depth (mm)	118	118	118	118	118	118	118
Weight (kg)	6.9	9.7	13.4	16.1	19.9	22.6	26.4
Heats Room Size (m ²) ³	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 Technolgy	Thermal Fluid tech						
ELECTRONICS							
Battery	Supercap (up to 7 days of programming storage)						
Electronic Components	SMD						
Energy Control Element	TRIAC						
Temperature Sensor	NTC High Precision ± 0.1°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						

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TEMPERATURE							
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 ⁴	± 0.25 °C						
ENERGY SAVING TECHNOLOGIES & FUNCTIONS							
Energy Control Technology ¹	Fuzzy Logic Energy Control - up to 62% less of its nominal power ²						
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	✓						
CONTROLS & INTERFACE							
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 heating app control						
Keypad	Touch Control (5 Buttons)						
WIFI CONTROL & TECHNOLOGIES							
Built-In WiFi (2.4 GHz)	✓						
WiFi Direct ⁵	✓						
Rointe Heating App Control	✓						
Rointe Heating App Platforms	Android, iOS and Web						
Works with Amazon Alexa & Google Assistant	✓						
Control by Geolocation	✓						
True Real Power Consumption meter	✓						
Cost & Consumption control	✓						
Customisable Screen Colour	✓						
Comfort Index ¹	✓						
AIH System ¹	✓						
INSTALLATION							
Mounting	Wall						
Direction	Horizontal						
Supplied With	Plug, Cable, Installation Kit (template, brackets, screws), User Manual						
PACKAGING INFORMATION							
Height (mm)	650	650	650	650	650	650	650
Width (mm)	400	560	720	880	1,040	1,200	1,360
Depth (mm)	150	150	150	150	150	150	150
Gross Weight (kg)	8	11	15	18	22	25	29
GUARANTEE							
Aluminium Body Guarantee	10 years						
Electronic Components Guarantee	3 years						

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APPROVALS, CERTIFICATIONS & CONFORMITIES							
CE				✓			
UKCA				✓			
NF				-			
RoHS				✓			
ERP Ready - LOT20				✓			
ETIM Class					EC000593		
COMPATIBLE ACCESSORIES							
Protective Grill/Cover				✓			
Remote Control (Infrared)				-			
Wheels				✓			

1) Available from Q3/Q4 2023. 2) Values based on the use of patented energy optimisation technology for a temperature of 21°C. Tested by independent laboratories. 3) 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/>. 4) Temperature stabilisation measured over stationary period at 21°C. 5) Compatible with 2.4 GHz. No need for gateways or other connections.

Available
Finishes/Colours



White RAL 9010

