

# SYGMA

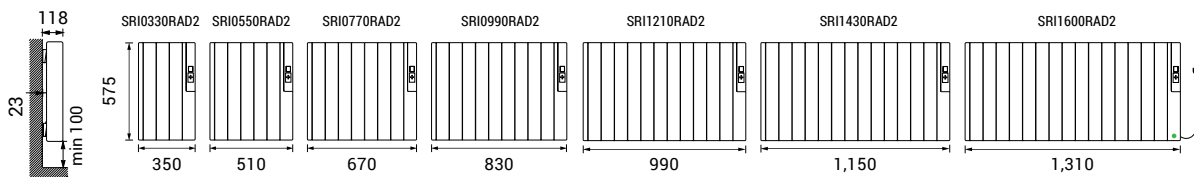
## ELECTRIC RADIATOR WITH THERMAL FLUID

- High-purity 100% recycled aluminium body
- High heat transfer thermal fluid
- Wall-mounted, easy to install
- TFT screen and mechanical keypad
- 24/7 programming
- Compatible with Rointe AIR or BASIC remote controls (sold separately)
- Energy-saving functions: Open Windows
- Energy efficiency tech: Fuzzy Logic Energy Control <sup>1</sup>
- Works with renewable energy sources like solar/PV for sustainable heating
- Guarantee: 10 years body | 3 years electronics



MODEL	SRI0330RAD2	SRI0550RAD2	SRI0770RAD2	SRI0990RAD2	SRI1210RAD2	SRI1430RAD2	SRI1600RAD2
<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>2</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)	575	575	575	575	575	575	575
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	21.9	25.6	30.4
Heats Room Size (m <sup>2</sup> ) <sup>3</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

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<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>4</sup>	± 0.25 °C						
<b>ENERGY SAVING TECHNOLOGIES &amp; FUNCTIONS</b>							
Energy Control Technology <sup>1</sup>	Fuzzy Logic Energy Control - up to 62% less of its nominal power <sup>2</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>5</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>1</sup>	-						
AIH System <sup>1</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						

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<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) 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 9016

