

# RT320BT

## Hardwired Digital Room Thermostat

### About this product...

The SALUS RT320BT is a modern, hardwired room thermostat designed to deliver precise and efficient temperature control for hydronic heating systems. Featuring a sleek, slim design with a glossy white finish, it blends easily into contemporary interiors. The RT320BT offers manual and frost protection modes, as well as Bluetooth connectivity for local app control, allowing users to conveniently adjust settings and create schedules from their smartphones. Engineered for reliability, it provides accurate temperature readings and user-friendly operation, making it an affordable yet high-performance solution for modern heating applications.



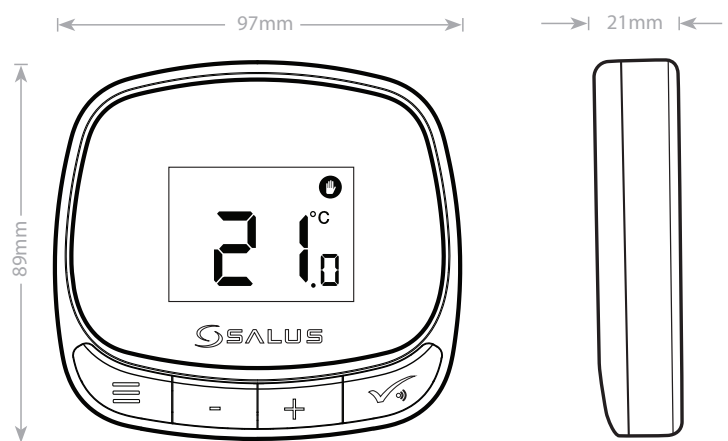
### Features

- **Bluetooth Local Control** – Connect via the Salus app to adjust settings, and create schedules directly from your smartphone.
- **Precise Temperature Regulation** – Offers accurate control with customizable ITLC (LC)/Span options for different heating systems.
- **Modern Glossy Design** – Sleek, slim profile with a high-quality white finish for a clean and elegant look.
- **Multiple Operating Modes** – Includes Manual, Auto (schedule via app), and Frost Protection modes for flexible comfort control.
- **Easy Installation** – Hardwired setup, suitable for boiler heating systems, with simple wall mounting.
- **User-Friendly Interface** – Large, clear 4x3 cm display with intuitive front buttons for quick adjustments.
- **5 Years Warranty**

### Specification

<b>Power Supply</b>	4 x AAA Batteries
<b>Mounting Options</b>	Wall Mounted
<b>Operating Temperature</b>	0°C to +50°C
<b>Storage Temperature</b>	-20°C to +60°C
<b>Dimensions (W x H x D)</b>	97mm x 89mm x 21mm
<b>Guarantee</b>	5 Years Warranty

### Dimensions



## RT320BT Hardwired Digital Thermostat - Technical Data

### Electrical and Mechanical Specifications

<b>Display Type</b>	TN display, 40mm x 30mm dimensions
<b>Display Resolution</b>	0.1°C or 0.5°C (default 0.5°C)
<b>Temperature Measurement Range</b>	0-45°C
<b>Displayed Temperature Range</b>	0-45°C
<b>Temperature Accuracy</b>	±1.0°C (maximum)
<b>Setpoint Range</b>	5-35°C
<b>Operating Temperature</b>	0°C to +50°C
<b>Storage Temperature</b>	-20°C to +60°C
<b>Operating Humidity</b>	5%-95% RH (non-condensing)
<b>Control Type</b>	TPI/Span algorithm (3, 6, or 9 cycles per hour)
<b>Relay Output</b>	0-230V, 3(1)A relay
<b>Contact Type</b>	COM-NO-NC (changeable via parameter P7)
<b>Operating Modes</b>	Manual, Auto (Schedule defined only via Bluetooth), Frost Protection, Off
<b>Frost Protection Temperature</b>	Adjustable 5.0°C-17.0°C (default 5.0°C)
<b>Display Backlight</b>	Active on button press; 60s active screen
<b>Firmware Update Port</b>	Physical port available for local firmware updates
<b>Compliance</b>	CE and UKCA certification-ready



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