

Electronic Room Thermostats

SRT322

Our new, purpose-designed room thermostat uses the latest wireless communications and energy-saving control technology, combined with our established design and manufacturing expertise.

Z-Wave two-way low-power radio technology means that SRT322 can be easily integrated into an existing control system, without the need for any cabling or complicated programming. Time proportional-integral (TPI) control technology saves energy while providing consistent comfort levels.

SRT322 is battery powered and its receiver has volt-free contacts, making it ideal for use with combination ('combi') boilers. Each SRT322 is supplied with a receiver unit.



Application

- Domestic gas or oil-fired central heating and hot water systems
- Control of underfloor heating systems
- Combi boiler control
- Zone control
- New systems
- Replacement of conventional room thermostats

Benefits

- Reduces heating costs and provides dependable comfort throughout the home.
- Extra energy savings when used with condensing boilers
- Wireless technology avoids disruptive wiring
- Can be used in new or existing installations

Features

- Z-Wave interoperable two-way mesh radio networking technology
- Time proportional-integral (TPI) energy-saving software
- Temperature setting range +5 °C to +30 °C
- Volt-free contacts
- Battery life in excess of 2 years, using 2 x AA-size cells
- Low battery indicator light
- Energy-saving display backlight
- Standard-size wall plate

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Technical specifications

Electrical

| | |
|----------------|---|
| Contact type | Micro-disconnection changeover (Receiver) |
| Contact rating | 3 (1) A, 230V AC, 50 Hz |
| Supply | 2 x AAA-size alkaline cells (Thermostat) |

Performance

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|----------------------|-----------------|
| Set temperature | +5 °C to +30 °C |
| Temperature accuracy | ± 0,5 °C |

Compliance

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|-----------|--------------|
| Standards | EN 60730-2-9 |
|-----------|--------------|

Z-Wave communications

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|---------------------|---------|
| Operating Frequency | 868 MHz |
|---------------------|---------|

Mechanical

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|------------------------|-------------------------------|
| Dimensions (W x H x D) | 86 x 86 x 36.25 mm |
| Weight | 0.38 kg (approx.) |
| Enclosure | Flame-retardant thermoplastic |
| Mounting | Industry standard wall plate |

Environmental

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|--------------------|----------------------------------|
| Ingress protection | IP 30 |
| Insulation class | Double insulated |
| Temperature | 0 °C to +40 °C (operating range) |
| Pollution degree | 2 |

Ordering information

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|--------|-------------------------------------|
| SRT322 | Wireless electronic room thermostat |
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