

ThermoPlus PRT1

Programmable room thermostats

PRT1 are mains-powered programmable room thermostats with a fixed hypothermia setting of 15°C, designed for ease of use, with a unique three button user interface. ThermoPlus allows a high and low temperature setting to be pre-programmed with simple user overrides available.

ThermoPlus has voltage-free contacts and is ideal for use with combi boilers.



Applications

ThermoPlus can be used with most types of heating system where a simple user interface is beneficial, such as for the elderly and vulnerable.

- Control of most domestic gas or oil-powered central heating systems
- Control of additional heating zones
- Combination ('combi') boilers
- Control of solid-fuel heating systems
- Replacement of existing thermostats

Benefits

- Simple user settings
- Accessibility features for non-sighted users
- Safeguard against hypothermia and frost

Features

- Simple 3-button operation
- Colour coded, bright LED Warm/Cool display and Braille markings on the main override buttons
- Preset clock
- Automatic BST/GMT time change
- Preset or custom heating profiles
- Back-lit LCD display
- Audible and tactile feedback
- Fixed hypothermia protection
- Frost protection
- 7 years no quibbles warranty





Technical specifications

Electrical

| | |
|----------------------|----------------------------------|
| Contact rating | 3 (1) Amps 230-240V |
| Contact type | Micro disconnection Voltage-free |
| Reserve battery type | Lithium battery |
| Supply | 230V AC 50Hz |

Environmental

| | |
|-----------------------------|-----------------|
| Pollution degree | Degree 2 |
| Double insulated | Yes |
| Enclosure protection | IP30 |
| Operating temperature range | 0°C to 40 °C |
| Temperature control range | +5 °C to +30 °C |
| Standby temperature | +5 °C to +10 °C |

Mechanical

| | |
|---------------|-------------------------------|
| Case material | Thermoplastic flame retardant |
| Dimensions | 120 x 90 x 32mm |

Features

| | |
|----------------------------|--------------------------|
| Display | Liquid crystal, back-lit |
| Clock | 24-hour |
| Displayed time adjustments | 1-minute steps |
| Switched time adjustments | 15-minute steps |
| Operating periods | Warm – 3 per-day |
| Programme settings | Auto, Standby |
| Override | Instant Warm/Cool |
| Mounting | 6-pin plate |

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