



ThermoPlus AS1, AS2 & PRT1

Programmable Room Thermostats



Mains and battery powered programmable room thermostats designed for ease of use with a unique 3 button user interface. ThermoPlus allows a high and low temperature setting to be pre-programmed with simple user overrides available for the user.

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

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 (PRT1)
- Frost protection setting



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AS1 & PRT1

AS1 is mains powered for applications where a permanent mains supply is readily available.

PRT1 is identical to the AS1 but with a fixed hypothermia setting of 15C.



AS2

AS2 is battery powered for applications where no mains supply is readily available to operate the unit or an existing thermostat is being replaced.

Additional features include 3 standard AA batteries, 2 years+ battery life and separate clock power back-up. Battery life is conserved by means of an 8 second auto power down mode to all indicator lights.

Specification

Contact rating	3 (1) Amps 230-240V
Contact type	Micro disconnection Voltage Free
Supply	AS1/PRT1 – 230V AC 50Hz AS2 – 3 x AA (LR6) batteries
Reserve battery type	Lithium battery
Pollution degree	Degree 2
Double insulated	Yes
Enclosure protection	IP30
Operating temperature range	°C to 40 °C
Temperature control range	+5 °C to +30 °C
Standby temperature	+5 °C to +10 °C
Case material	Thermoplastic flame retardant
Dimensions	120 x 90 x 32 mm
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	AS1/PRT1 – 6 pin plate As2 – Standard wall box fixing