

## 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.

Despite the simple user interface ThermoPlus contains the latest TPI energy saving software and can make a significant contribution to saving energy. ThermoPlus has voltage free contacts and is ideal for use with combi boilers.

- Simple 3 button operation
- LED warm/cool display
- 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



### 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 AC	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	0 °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	1 minute steps
ADJUSTMENTS	
SWITCHED TIME	15 minute steps
ADJUSTMENTS	
OPERATING PERIODS PER DAY	Warm – 3 per day
PROGRAMME SETTINGS	Auto, Standby
OVERRIDE	Instant Warm / Cool
MOUNTING	AS1/PRT1 – Industry Standard 6 pin plate AS2 – Standard wall box fixing