

# HRT4-A

## Mains operated electronic room thermostat

Mains powered electronic unit, with load compensation for new and replacement installations. Temperature setting range 5-30 °C. This is part of a range of purpose designed room thermostats, offering the latest energy saving control technology combined with established Secure design and manufacturing expertise. This makes them suitable for use in most types of heating systems that respond to a 230V mains electrical On/Off signal.

They are also perfect partners for use with our range of programmers and zone valves. Designed to look good, these thermostats will out perform many older styles of thermostat and can often produce savings in the order of 10% over and above those achieved by traditional units using older technology.

Temperature control accuracy of +/- 0.5°C and different settings (for gas, oil and electric systems) will reduce the temperature swing that normally occurs with older style thermostats.



### Applications

- New installations
- Replacement of old or inefficient thermostats
- System upgrades to add a room thermostat
- Frost protection
- Multi occupancy buildings
- 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

### Benefits

- Easy to install and use
- Peace of mind that thermostat is tamper proof
- Benefits of weather/frost protection
- Reduce temperature swing that normally occurs with older style thermostats
- Increased energy savings

### Features

- Wireless or wired (battery operated) versions
- Load compensation
- Boiler Plus compliant when used with a time control
- Clear back-lit digital display
- Set temperature displayed; actual temperature displayed if dial is pressed
- Temperature range 5-30°C
- Industry standard wall plate
- Standard fixing centres
- Standard, frost and tamper-proof versions
- 7 years no quibbles warranty





## Technical specifications

### Electrical

Power supply	230V 50Hz
Contact rating	3 (1) Amps 230V AC
Contact type	Micro-disconnection

### Environmental

Pollution degree	Degree 2
Temperature accuracy	+/- 0.5°C (at 21 °C with 0.5 amp load)
Temperature range	5-30°C

### Mechanical

Case material	Thermoplastic flame retardant
Dimensions	86 x 86 x 36.25mm
Rated impulse voltage	Cat 2 – 2500V
Enclosure protection	IP30

### Standards

Design standard	EN60730 – 2-9
ERP rating	Class IV (2%)

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