

HRT4-A, HFT4 and HTT4

Mains Operated Electronic Room Thermostats



This range of purpose designed room thermostats from Horstmann offer the latest energy saving control technology combined with established Horstmann design and manufacturing expertise. This makes them suitable for use in most types of heating system that respond to a 230 volt mains electrical On/Off signal.

They are also perfect partners for use with Horstmann Programmers and Zone valves.

- 230 volt mains operation
- TPI temperature control software
- Standard, Frost and Tamperproof versions
- Easy to install and use

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.

The temperature control accuracy of $\pm 0.5^{\circ}\text{C}$ and different TPI settings – for Gas, Oil and Electric systems – will reduce the temperature swing that normally occurs with older style thermostats. As a consequence these thermostats will help to save energy as the control algorithm allows the boiler to operate in condensing mode for longer periods.



HRT4-A – Room Thermostat

Mains powered, electronic unit with TPI technology for new and replacement installations.
Temperature setting range 5-30 °C



HTT4 – Tamper proof Room Thermostat

A tamper proof version of the HRT4-A for use in public areas or other situations where subsequent temperature adjustment is not required/desirable.

- Internal setting dial
- Temperature setting range 10-30°C



HFT4 – Frost Thermostat

Electronic mains operated frost protection thermostat. Ensures heating will switch on whenever frost conditions are detected.

- Internal setting dial
- Temperature setting range 0-20°C

Specification

POWER SUPPLY	230v 50Hz
CONTACT RATING	3 (1) Amps 230V AC
CONTACT TYPE	Micro-disconnection
POLLUTION DEGREE	Degree 2
TEMPERATURE ACCURACY	+/- 0.5°C (at 21 °C with 0.5 amp load)
TEMPERATURE RANGE	HRT4-A – 5-30°C HTT4 – 10-30°C HFT4 – 0-20°C
CASE MATERIAL	Thermoplastic flame retardant
DIMENSIONS	86 x 86 x 36.25mm
RATED IMPULSE VOLTAGE	Cat 2 – 2500v
ENCLOSURE PROTECTION	IP30
DESIGN STANDARD	EN60730 – 2-9