



HORSTMANN



HRT4-A, HFT4 and HTT4 Mains Operated Electronic Room Thermostats

This new 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

**Horstmann.
Together,
we're in control.**

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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

Thermostat specifications HRT4-A/HTT4/HFT4

POWER SUPPLY
230v 50Hz

CONTACT RATING
3(1) Amps at 230V AC

TEMPERATURE ACCURACY
+/- 0.5°C
(at 21° C with 0.5 amp load)

CONTACT TYPE
Micro disconnection

DIMENSIONS
86 x 86 x 36.25mm

POLLUTION CONTROL
Degree2

DESIGN STANDARD
EN60730 – 2-9

TEMPERATURE RANGE;
HRT4-A 5-30°C
HTT4 10-30°C
HFT4 0-20°C

RATED IMPULSE VOLTAGE
Cat 1 - 1500v

ENCLOSURE PROTECTION
IP30

Designed to look good, these thermostats will outperform 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 +/- 0.5°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.

As these units are all mains powered, a simple 3 wire connection is required. This comprises a live and neutral input and a switched live output to the equipment being controlled (excluding earthing arrangements).



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