



RT0 RF



WIRELESS ELECTRONIC ROOM TEMPERATURE THERMOSTAT

Digital control of hydraulic heating

Overview

Main features

- Room temperature control
- Ambient temperature and desired temperature permanently displayed
- Heatup indicator and battery replacement

Application

- Boiler
- Underfloor heating
- Electrical heating

Product + points

- **Sober design**
- **Easy to use:** one knob only for maximum ease of adjustment
- **Wide display screen,** white display
- **Ergonomic settings:** the knob allows precise adjustment

Functional specifications

Use



Desired temperature	Adjustable from +5°C to +30°C
Readability	Large display for optimal readability
Change of batteries	No need to move the product or to use a tool to access to the dedicated area
Heating on demand indicator	Heating on demand indication

Installation

2 fitting options: Wall mounting or on the supplied table stand

The paired receiver can be adapted to a lot of installations thanks to it's output contact:

- Potential free contact
- Can be used in Normally Closed (NC) or Normally Open (NO) positions

Wireless transmission by means of radio waves: Reliability, performance, flexibility and modulability



The wireless aspect means that you can change the lay-out of areas without having to make any changes at all to wiring



2 tilts table stand

Technical specifications

Dimensional and finish specifications

Height	95 mm
Width	120 mm
Depth	29.6 mm (without the wall base)
Color	White Ral 9016
Net weight	195 gr

Power supply

2 x 1.5V AA / LR06 alkaline batteries	Battery life typically 2 years
Associated relay output (receiver)	1 potential free contact - 5(2)A / 24-250V~ 50-60Hz
Connexion of the relay output	By means of clamp terminals for cables with 1 square mm to 1.5 square mm cross-sections

Control

Control type	ON/OFF
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Transmission radio

Operating frequency:	2,4 to 2,48GHz
Maximum range in the home	15m is typical but this varies depending on the building construction
Signal sending	Every 5 minutes, maximum time-lag 1 minute after setpoint temperature has been changed.

Environment

Protection rating	IP30
Class	Class II
Operating temperature	0°C to +40°C
Temperature setting range	+5°C to +30°C
Storage temperature	-10°C to +60°C
Max. humidity level	80% at +25°C (without condensation)

Applicable directives

EMC	2014/53/EU
RoHS	2011/65/EU

Applicable standards

Safety	EN62311
RoHS	EN50581
EMC	EN301489-1 ; EN301489-3
Radio	EN300440-1 ; EN300440-2

Product codes

Codes

RTE0RFNA	Wireless electronic room temperature thermostat with receiver
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References

Product customization (design features) possible. Please contact us.