



RTARFV

ELECTRONIC ROOM TEMPERATURE THERMOSTAT

Analog control, wireless transmission



Overview

Main features

- Room temperature control
- Wireless transmission by means of radio waves

Application

- Boiler
- Heaters
- Underfloor heating/cooling
- Reversible heat pump
- Electric radiator
- Air conditioning system
- Fans

Product + points

- **Assistance for the partially-sighted - raised reference points**
- **Sober design, suitable for traditional or contemporary interiors**
- **Practical:** the product has a small footprint
- **Excellent ergonomics** when carrying out settings using the rotary knob

Functional specifications

Use



Desired temperature	Adjustable from +7°C to +30°C
Frost protection	Frost protection feature protects a home against freezing, by maintaining a temperature of about 8°C
Child safety	Rotary knob locking restricts changes of temperature settings, in respect of a minimum temperature, a maximum temperature or of a temperature range.
Batteries replacement signal	A specific blinking of the light indicates that batteries are almost empty and then you have to replace it

Installation

2 wall mounting options: on a junction box or salient

Simplicity of the pairing between thermostat and receiver: The transmission of the radio association message is indicated by a lighting indicator

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



Approved Europe-wide, highly resistant to external sources of interference

Signals can go through walls and ceilings

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



Technical specifications

Dimensional and finish specifications

Height	91 mm
Width	84 mm
Depth	27 mm
Color	White RAL 9010
Net Weight	0.13 Kg

Power supply

2 1.5V AAA / LR03 alkaline batteries	Battery life approximately 2 years
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Control

Control type	Controlled by the central control unit or by the 1 channel receiver
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Radio-wave transmission

Frequency	Radio transmitter, frequency 868.3 Mhz. Can be used throughout Europe
Transmission	Every 10 minutes, at the latest 1 minute after a set temperature change

Environment

Protection rating	IP20
Class	Class III
Operating temperature	0°C to +40°C
Temperature setting range	+7°C to +30°C approx.
Storage temperature	-10°C to +50°C
Max. humidity level	85% at +25°C (without condensation)

Applicable directives

RED	2014/53/EU
RoHS	2011/65/EU
DEEE	2012/19/EU

Applicable standards

Safety	EN60730-1 ; EN60730-2-9 ; EN62311
Radio	EN300220-1 ; EN300220-2
EMC	EN301489-1 ; EN301489-3
RoHS	EN50581
Manufacturing	On certified site ISO 9001 V2008

Product codes

Codes

RTARFVIMHB	Sensor analog room temperature thermostat for central RF (wireless) control unit or 1 channel on/off receiver
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References

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