



RTDRFEL

## RADIO ROOM THERMOSTAT

### Special electric heating



### Overview

#### Main features

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

#### Application

- Electric radiator

#### Product + points

- **Sober design**, suitable for traditional or contemporary interiors
- **Practical**: the product has a small footprint
- **Wide display screen**, blue backlighting
- **Ergonomic settings**: 4 keys for intuitive use
- **Control algorithm** specially designed to electric heating

## Functional specifications

### Use



<b>Desired temperature</b>	Adjustable from +5°C to +30°C, default setting : 21°C
<b>Safety</b>	<ul style="list-style-type: none"> <li>- <b>Child safety</b>: keypad locking</li> <li>- <b>Settings safety</b>: <ul style="list-style-type: none"> <li>- Restricted settings in respect of a minimum temperature setpoint</li> <li>- Restricted settings in respect of a maximum temperature setpoint</li> </ul> </li> </ul>
<b>Display screen</b>	Viewing of settings, of measured and set temperatures, the pairing process, of wireless transmission, keypad locking and of battery status

### Installation

**2 fitting options:** on a junction box or salient

Pairing with one or several wireless 1-channel receiver integrated into a radiator, verification of pairing

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



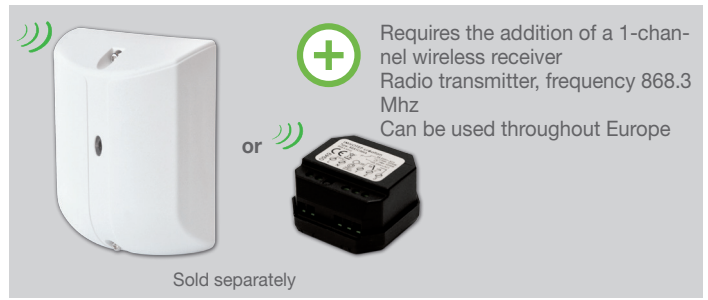
Approved Europe-wide, highly resistant to external sources of interference  
Signals can go through walls and ceilings

### Advanced settings

<b>Language</b>	English, French, Italian or German
<b>Temperature unit</b>	Degrees Celsius or degrees Fahrenheit
<b>Max. setpoint temperature</b>	<b>Preset to +30°C</b> , adjustable from +5°C to +30°C
<b>Min. setpoint temperature</b>	<b>Preset to +5°C</b> , adjustable from +5°C to +30°C
<b>Restoring factory settings</b>	5 secondes minimum to restor factory settings

### Réglages experts

<b>Temperature adjustment</b>	Ambient sensor calibration
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## Technical specifications

### Dimensional and finish specifications

Height	99 mm
Width	90 mm
Depth	23 mm
Color	White RAL 9010
Net weight	0,2 Kg

### Power supply

2 1.5V AAA / LR06 alkaline batteries	Battery life approximately 2 years
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### Control

Control type	On/off
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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	+5°C to +30°C
Storage temperature	-10°C to +50°C
Max. humidity level	80% at +25°C (without condensation)

### Applicable directives

R&TTE	1999/05/EC
RoHS	2011/65/EU
DEEE	2012/19/EU
EMC	2004/108/EC
LVD	2006/95/EC

### Applicable standards

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

## Product codes

Codes	References
RTDRFELIMHA	Radio digital-control room thermostat - special electric heating

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