



RTDRF5



## RADIO COMBINED ROOM THERMOSTAT AND REMOTE-CONTROL

### Special underfloor heating/cooling

### Overview

#### Main features

- Room temperature control
- Operating modes selection Auto, Comfort, Eco, Frost protection
- Heating to cooling and vice-versa switchovers

#### Application

- Underfloor heating / cooling

#### Product + points

- **2 in 1 product:** fonctions of thermostat and remote control in a single product
- **Sober design,** suitable for traditional or contemporary interiors
- **Practical:** the product has a small footprint
- **Wide display screen,** blue backlighting
- **Ergonomics setting:** 6 keys for intuitive use

## Functional specifications

### Use



<b>Desired temperature</b>	Adjustable from +5°C to +30°C, default setting : 21°C
<b>Operating modes</b>	Heating mode: Auto, Comfort, Eco, Frost protection Cooling mode: Confort only
<b>Safety</b>	- <b>Child safety:</b> keypad locking - <b>Settings safety:</b> - Restricted settings in respect of a minimum temperature setpoint - Restricted settings in respect of a maximum temperature setpoint
<b>Display screen</b>	Viewing of settings, of measured and set temperatures, of selected mode, of heating operating or cooling operating, the pairing process, of wireless transmission, keypad locking and of battery status

Fonctions "Thermostat" and "Remote" are separate and may be independantly associated with one or more channels of wireless central control unit

### Installation

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

Pairing with a wireless 1-channel receiver and/or a wireless multi-channel central control unit for underfloor heating/cooling, verification of pairing

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

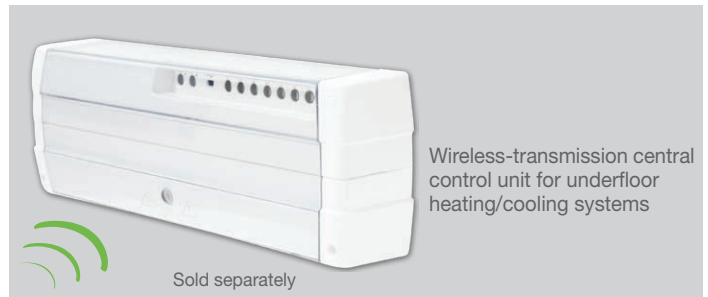


Approved Europe-wide, highly resistant to external sources of interference

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>Temperature adjustment</b>	Ambient sensor calibration
<b>Restoring factory settings</b>	5 secondes minimum to restor factory settings



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

### Applicable directives

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

### Applicable standards

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

## Product codes

Codes	References
RTDRF51MHA	Combined wireless thermostat and remote control, for underfloor heating/cooling system

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