



RHDRFB

## ADVANCED ELECTRONIC ROOM TEMPERATURE THERMOSTAT

### Digital-control, wireless transmission control with Boost Overview



#### Main features

- Room temperature control
- Operating modes selection
- Quick heating of your bathroom using the Boost feature
- Wireless transmission by radio-waves

#### Application

- Electric towel heaters
- Ventilation device
- Underfloor heating

#### Product + points

- **Sober design**, suitable for traditional or contemporary interiors
- **Practical**: the product has a small footprint
- **Wide display screen**, blue backlighting
- **Ergonomic settings**: 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>	Auto, Comfort, Eco, Frost protection, Standby mode
<b>Boost function</b>	- <b>Adjustable between 10 and 60 minutes by 1 minute step</b> - <b>A maximum room temperature limit automatically stop the Boost</b>
<b>Safety</b>	- <b>Child safety</b> : keypad locking - <b>Safety settings</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, the pairing process, of wireless transmission, keypad locking and of battery status

### Installation

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

Pairing with a wireless 1-channel receiver (integrated to a towel heater and or ventilation device), 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

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

### Advanced settings

<b>Language</b>	English, French, Italian or German
<b>Temperature unit</b>	Degrees Celsius or degrees Fahrenheit
<b>Selection of max. mode for the towel heater</b>	Towel heater is under "normal" and under "Boost" heating control
<b>Selection of min. mode for the towel heater</b>	Towel heater is under "Boost" heating control only, for energy saving
<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

### Expert settings

<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 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	RoHS 2011/65/EU, amended by Directives 2015/863/EU and 2017/2102/EU

### Applicable standards

Safety	EN62311
Radio	EN300220-2
EMC	EN301489-1 ; EN301489-3
RoHS	EN IEC 63000
Manufacturing	On certified site ISO 9001 V2015

## Product codes

### Codes

RHDRFBIMHA	Digital-control sensor probe thermostat, wireless transmission, with Boost, white, for towel heater, ventilation device or heating/cooling system
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### References

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