RHDRFPRC

RADIO ROOM THERMOSTAT
Special bathroom - Programmable weekly and daily Boost

Overview

Main features

- Room temperature control
- Operating modes selection
- Rapid heating of the room with the Boost
- Wireless transmission by means of radio waves
- Open window detection

Application

- Electric towel heater
- Underfloor heating

Product + points

- **Sober design,** suitable for traditional or contemporary interiors
- **Practical:** the product has a small footprint
- **Wide display screen,** white backlighting
- **Ergonomic setting:** 6 keys for intuitive use

Functional specifications

Use

Desired temperature	Adjustable from +5°C to +30°C
Operating modes	Auto-Comfort, Eco, Frost protection, Prog, Heating on standby mode
Boost function	- **Manual Boost:** temperature setpoint is raised up at maximum during the selected time, adjustable between 10 and 60 minutes by 10 minutes step - **Programmable Boost:** until 2 programmed Boost independently for each day of the week - **Deferred Boost:** to choose the next Boost period start time

Safety	- **Child safety:** keypad locking
	- **Settings safety:**
	  - Restricted settings in respect of a minimum temperature setpoint
	  - Restricted settings in respect of a maximum temperature setpoint

Display screen	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 into a towel heater) 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 modulability

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

Language	English, French, Italian or German
Temperature unit	Degrees Celsius or degrees Fahrenheit
Max. setpoint temperature	**Preset to +28°C,** adjustable from +5°C to +30°C
Min. setpoint temperature	**Preset to +7°C,** adjustable from +5°C to +30°C
Eco temperature decrease	**Preset to -3,5°C,** adjustable from -0,5°C to -7°C

Requires the addition of a 1-channel wireless receiver
Radio transmitter, frequency 868.3 Mhz
Can be used throughout Europe

Sold separately

Frost protection temperature	**Preset to +7°C**, adjustable from +5°C to +12°C
Temperature adjustment	Ambient sensor calibration
Restoring factory settings	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

Control

Control type	On/off - PID

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
Control class and energy contribution	IV according ERP/2009/125/EC and associated regulations
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	RoHS 2011/65/EU, amended by Directives 2015/863/EU and 2017/2102/EU

Applicable standards

RED	2014/53/EU
Safety	EN60730-1 / EN60730-2-7 /EN60730-2-9 / EN62311
EMC	ETSI EN 301489-1 / ETSI EN301489-3
RoHS	EN IEC 63000
RF	ETSI EN300220-2
Manufacturing	On certified site ISO 9001 V2015

This device has an intermittent timer conforming to standard EN 12098-5.

Product codes

Codes	References
RHDRFPRIMHC	Special bathroom programmable weekly boost thermostat

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

Pictures and technical specifications are not contractual and given as an indication. Specifications may change depending on product development. IMHOTEP creation keeps the right to change without notice.