

RHDRFPR



RADIO PROGRAMMABLE ROOM THERMOSTAT

Digital panel with back-light, weekly programming suitable to the installation location, opened window detection

Overview

Main features

- Ambient temperature control
- Operating modes selection
- Control type selection
- Weekly programming suitable to the installation location
- Wireless transmission by means of radio waves
- Automatic opened window detection

Application

- Under floor heating
- Electric heating
- Electric towel rail

Benefits

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

ECOdesign 2018
compliant

Functional specifications

Use	
Setting temperature	Adjustable from +10°C to +30°C
Operating modes	Auto (programming), Comfort, Eco, Frost protection,
All rooms excluding bathroom (living room, dining room, bedrooms, kitchen)	<ul style="list-style-type: none"> - Manual Super Comfort feature : The temperature setpoint is increased by 2°C during a period adjustable between 20 minutes and 2 hours. - Integrated weekly programming: 6 preset and customizable weekly programmes
Bathroom use	<ul style="list-style-type: none"> - Instant Boost : The temperature setpoint is raised up at maximum during the selected period adjustable between 10 and 60 minutes by 10 minutes step - Weekly programmable Boost: until 2 programmed Boost independently for each day of the week
Opened window detection	Automatic switching to Frost protection mode when a significant drop in temperature is detected
Safety	<ul style="list-style-type: none"> - Child anti-tamper: keypad locking - Settings safety: <ul style="list-style-type: none"> - 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 choices of installation : 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

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 +30°C , adjustable from +15°C to +30°C



Blue backlit display



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

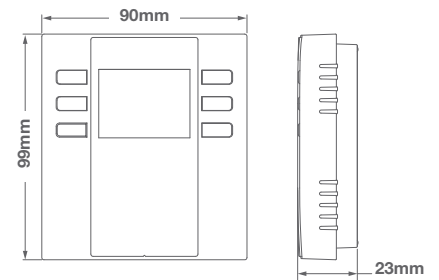
sold separately

Min. setpoint temperature	Preset to +10°C , adjustable from +10°C to +19°C
Eco temperature decrease	Preset to +18°C , adjustable from Comfort-1K to Comfort -5K
Frost protection temperature	Preset to +7°C , adjustable from +5°C to +15°C
Temperature adjustment	Ambient temperature sensor adjustment
Reset: return to 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
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	Living room use	ON/OFF or PID (Proportional Integral Derivative)
	Bathroom use	ON/OFF

Radio-wave transmission

Frequency	Émetteur radio 868.3 Mhz. Utilisable partout en Europe
Transmission	Toutes les 10 minutes, 1 minute maximum après changement de consigne

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% to +25°C (without condensation)

Applicable directives

RED	2014/53/EU
RoHS	2011/65/EU

Applicable standards

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

Product code

Code	Description
RHDRFPRIMHB	Weekly programmable room thermostat

Product customization (style, features) possible. Please contact us.