

# Heating management

Wireless smart digital room thermostats



# RT7RFPLUS

Smart digital room thermostat with automation and optimization features

NEW

## Benefits

- + Dual optimization feature.
- + Automation: flexible programming and easy modification to combine comfort and savings.
- + Available in white (RT7RFPLUS) and also in black (RT7RFBPLUS).
- + Quick and easy to install, no cable to install, which means no decorative repair or flooring to disturb.
- + Suitable for all heating applications.
- + Large and easy to understand display.
- + Easy to turn rotary control.
- + Boost mode for immediate comfort.
- + Energy savings from PID control.
- + Reliable RF transmission, the ideal solution in home renovation: reliability, performance and easy to install.
- + Signal Strength Test Feature.
- + Heating indication at thermostat and RF receiver.
- + RF receiver has built in temperature watchdog for additional frost protection.
- + Service interval capable.

RT7RFPLUS AVAILABLE IN  
Black Version



Designed  
in France



3 years  
warranty



Stylish and  
slim



Suitable for all heating  
applications



PID technology



Energy class



RT7RFPLUS  
online



Automation



Dual optimization



Easy to install



Table stand



Easy to use



Wireless

## In a few words ...

This digital room thermostat has been designed for easy operation and is intended to make your life easier and help you save energy and money. The extra large LCD and ambient temperature digits mean that the display can be read from across the room and the simple rotary dial makes it the perfect for everyone who wants a digital thermostat that is easy to understand.

The slide control operation and simple programming method means that everyone can set their own convenient schedule for each day of the week. Having the ability to customise each day of the week allows for greater efficiency savings. The dual optimization feature allows you to optimize your programming by favouring comfort or savings. This digital thermostat is just one of a range of products that can provide the right solution for controlling your heating system in an easy and efficient way, whether it is a new installation or an improvement to an existing one.

## Boiler Plus compliant features

### Automation:

- Single day or multiday programming.
- Programmable comfort periods.

### Dual optimization:

**OPTI ECO or OPTI COMFORT, we design smart products to make your life easier. Optimize your programming by favouring comfort or savings:**

Depending on various parameters: room inertia, ambient temperature, desired temperature, the thermostat calculates and optimizes the programming for each heating period whether set to Comfort or Savings (Eco):

- **In OPTI ECO mode** the thermostat's inbuilt algorithm optimises in order to guarantee maximum energy savings throughout the ECO programme. In this mode, a slight drop in the temperature level at the beginning and end of the ECO period is allowed to maximize energy savings.
- **In OPTI COMFORT mode** the processor within the device starts the boiler operation at the optimum time to achieve the set point temperature at the start of the occupancy period without sacrificing comfort. The thermostat's inbuilt algorithm optimises in order to guarantee maximum energy savings throughout the COMFORT programme.



**boiler+**  
compliant

## Features

- White backlit display.
- Room temperature control.
- Operating modes: Auto, Comfort, Eco, Heating on Standby with frost protection.
- Boost function for 1 hour: temporary Comfort temperature.
- Programme lock.
- Service interval function.
- Two choices of installation: Wall-mounted or on a table stand.



2 tilts table stand



Wireless receiver



Operating modes easy to select

## Technical specifications

- White plastic housing RAL 9016.
- 2x AA (LR6) batteries supplied - 2 years typical life.
- Wall mounting plate and table stand supplied.
- Type of control:**
  - 2 point switching (ON/OFF).
  - PID (Proportional Integral Derivative).
  - Relay output on receiver: 5(2)A.
- Radio frequency: 2401.5MHz ~ 2477.5MHz.
- Environment:**
  - IP30.
  - Operating temperature: 0°C to +40°C.
  - Setpoint temperature: +5°C to +30°C.
  - Storage temperature: from -10°C to +60°C.

- Humidity: 80% at +25°C (without condensation).

- Manufactured on ISO 9001 V2015 certified site.

- Standards:

- Transmitter:

R&TTE Safety	R&TTE - EMC	R&TTE - RF	RoHS
EN62311	ETSI EN301489-1 ; ETSI EN301489-3	ETSI EN300440	EN50581

- Receiver:

R&TTE Safety	R&TTE - EMC	R&TTE - RF	RoHS
EN60730-1 ; EN62479	ETSI EN301489-1 ; ETSI EN301489-17	ETSI EN300440	EN50581



Models	References	Designations	Heights (mm)	Widths (mm)	Depths (mm)
RT7RFPLUS	RTE7RFC	Wireless 7 day programmable digital room thermostat	95	120	27
RT7RFBPLUS	RTE7RFB	Wireless 7 day programmable digital room thermostat - black version	95	120	27