boiler plus compliant

RT7PLUS

Smart digital room thermostat with automation and optimisation features

RT7PLUS AVAILABLE IN
Black Version

Benefits

+ **Dual optimisation feature.**
+ **Automation: flexible programming and easy modification to combine comfort and savings.**
+ Available in white (RT7PLUS) and also in black (RT7BPLUS).
+ Quick and easy to install.
+ 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.
+ Wired version, ideal for new build or thermostat replacement.
+ Wireless (RF) versions available.
+ Service interval capable.
+ Load compensation.
+ Program lock capable.
+ Automatic summer/winter change over.

Designed in France	3 years warranty	Stylish and slim	Suitable for all heating applications	PID technology	Energy class

RT7PLUS online

Automation Dual optimisation Easy to install Easy to use Wired

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 optimisation 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 optimisation:
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.

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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.
- Automatic summer/winter change over.
- Programme lock.
- Service interval function.
- Load compensation.

Operating modes easy to select

Technical specifications

- White plastic housing RAL 9016.
- 2x AA (LR6) batteries supplied - 2 years typical life.
- Wall mounting plate supplied.
- **Type of control:**
  - 2 point switching (ON/OFF).
  - PID (Proportional Integral Derivative) .
  - Relay output: 5(2)A.
- **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:

LVD	EMC	RoHs
EN60730-1; EN60730-2-9; EN62311	EN60730-1; EN60730-2-9	EN50581

CE

Models	References	Designations	Heights (mm)	Widths (mm)	Depths (mm)	Gross weights (Kg)
RT7PLUS	RTE7d	Wired 7 day programmable digital room thermostat	95	120	29,6	0,3
RT7BPLUS	RTE7Bd	Wired 7 day programmable digital room thermostat - black version	95	120	29,6	0,3