



RT7SD PLUS

7 day mains powered digital room thermostat

NEW

Benefits

- + Dual optimisation feature.
- + Automation: flexible programming and easy modification to combine comfort and savings.
- + Load compensation.
- + Operating modes: Auto, Comfort, Eco, Heating on Standby with frost protection.
- + Quick and easy to install.
- + No batteries required.
- + Suitable for all heating applications.
- + Large and easy to understand display.
- + Backlit display.
- + Easy to turn rotary control.
- + Boost mode for immediate comfort.
- + Energy savings from PID control.
- + Automatic summer/winter change over.
- + 3 years warranty.
- + Program lock capable.



Designed
in France



3 years
warranty



Stylish and
slim



Suitable for all heating
applications



PID technology



Energy class



RT7SD PLUS
online



Automation



Dual optimisation



Load compensation



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 whilst helping you save energy and money. The extra-large LCD screen means that information such as the ambient temperature can be read from across the room and the simple to use rotary dial makes it the perfect for everyone who wants a digital room thermostat that is easy to understand.

The slide control operation and simple programming method means that everyone can set their own convenient schedule. Having the ability to customise each day of the week allows for greater efficiency savings. The dual optimisation feature allows you to optimise 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 optimises 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.

Load compensation:

A control function that measures the gap between what the internal temperature is and what the user wants it to be (setpoint temperature).

The setpoint temperature is achieved by the thermostat operating the boiler so that it uses as much fuel as necessary to close the temperature gap - ensuring that no fuel is wasted and money is saved!



Features

- | No batteries required.
- | 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.



Operating modes easy to select

Technical specifications

- | Power supply: 230V~50/60Hz.
- | Relay outputs: 5(2)A
- | Rated impulse voltage: 4000V.
- | Micro disconnection: Type 1B.
- | Pollution degree: 2.
- | Automatic action: 100,000 cycles.
- | Class II.
- | **Environment:**
 - Operation temperature: 0°C to +40°C.
- Manual temperature setting range: from +5°C to +30°C.
- Storage temperature: from -10°C to +60°C.
- Humidity: 80% at +25°C (without condensation)
- Protection rating: IP30.
- | Manufactured on ISO 9001 V2015 certified site.
- | Standards:

LVD	EMC	RoHS
EN60730-1; EN60730-2-7; EN60730-2-9; EN62311	EN60730-1; EN60730-2-7; EN60730-2-9	EN IEC 630000



Models	References	Designations	Heights (mm)	Widths (mm)	Depths (mm)	Gross weights (Kg)
RT7SDPLUS	RTE7Sd	Mains powered 7 day programmable digital room thermostat	95	120	34	0,3