



RT7 SD



MAINS POWERED WIRED PROGRAMMABLE ELECTRONIC ROOM TEMPERATURE THERMOSTAT

Digital control of hydraulic heating

Overview

Main features

- Room temperature control
- Permanent display of the ambient temperature, desired temperature, the active mode, time, current day
- Boost : Comfort Mode is activated for 1h
- Dual optimization feature

Application

- Boiler
- Underfloor heating

Product + points

- **Sober design**
- **Easy to use:** one knob only for maximum ease of adjustment
- **Wide display screen:** white display
- **Ergonomic settings:** the knob allows precise adjustment

Functional specifications

Use



Desired temperature	Adjustable from +5°C to +30°C, by 0,5°C step
Programming	One pre registered program totally customizable for each day with 3 adjustable comfort periods
Temporary change of temperature setting	No need to modify programs to change the temperature setpoint temporarily
Readability	Large display for optimal readability
Heating on demand indicator	Heating on demand indication
Mechanical safety system dedicated to settings	The closure of the compartment is only possible if the parameter setting buttons are positioned correctly, which limits the risk of from errors due to mishandling

Installation

Installation on wall plate supplied

Easy connection via screw terminals integrated into the wall plate

Can be adapted to a lot of installations thanks to it's changeover type output contact, potential-free normally open (NO) or normally closed (NC)

Advanced settings

Temperature unit	Degrees Celsius
Time display	On 12 or 24 hours
Temperature adjustment	Ambient sensor calibration
Program lock	In order to control the energy spending and comfort the following functions are limited: <ul style="list-style-type: none"> - Program modifications - Temporary change of temperature set point - Comfort mode activation - Boost activation
Restoring factory settings	Of all parameters



Technical specifications

Dimensional and finish specifications

Height	95 mm
Width	120 mm
Depth	34 mm (without the wall base)
Color	White Ral 9016
Net weight	270g

Power supply

Power supply	230V mains supply
Relay output	1 potential free contact, μ 5(2) A 230V ~
Connexion of the relay output	By means of clamp terminals for cables with 1 square mm to 1.5 square mm cross-sections

Control

Control type	PID (Proportional Integral Derivative) or On/Off, adjustable
--------------	--

Environment

Protection rating	IP30
Class	Class II
Operating temperature	0°C to +40°C
Temperature setting range	+5°C to +30°C
Storage temperature	-10°C to +60°C
Max. humidity level	85% at +25°C (without condensation)

Product codes

Codes

References

RTE7SIMHD	Mains powered wired programmable electronic room temperature thermostat
-----------	---

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