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# FloorControl RT01 D-230 room thermostat

## WARNING!



- Work on electrical circuits should only be carried out by an authorised electrician.
- The mains voltage (AC 230 V AC) can cause serious injury or death.
- Do not allow the device to come into contact with water.
- Before dismantling the housing, disconnect the wiring box or other controlled device from the power supply.
- Do not make any modifications to the device.

## Description of the device

The FloorControl RT01 thermostat is a compact device with a display and built-in temperature sensor that enables precise temperature setting in a single room or multiple rooms. The thermostat is supplied with 230 V AC from the wiring box. The FloorControl RT01 room thermostat is connected to the FloorControl WB01 D-8-230 underfloor heating box to control the floor heating system.

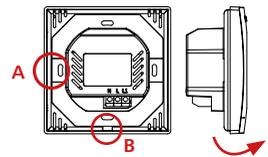


## Compatibility with wiring boxes

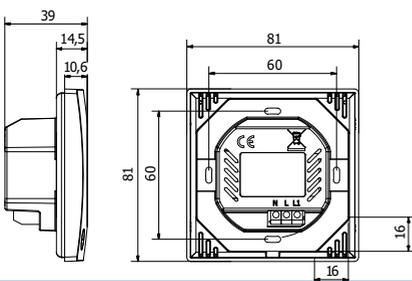
The FloorControl RT01 D-230 thermostat (Art. No. 86 018) can be connected to the WB01 D-8-230 box (power supply 230 V AC - Art. No. 86 013).

## Wall mounting

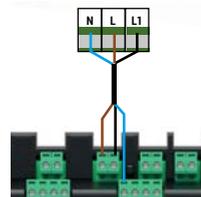
The thermostat's mounting location must provide protection from the weather. The RT01 thermostat is designed for wall mounting using a standard Ø60 mm flush-mounted electrical junction box. The thermostat is fixed to the box through the mounting holes (A) in the back of the housing. The main part of the thermostat should be disconnected from the rear part by slightly lifting the latch (B) at the bottom. Attach the rear part to the mounting box, then insert the main part and snap it into the rear part.



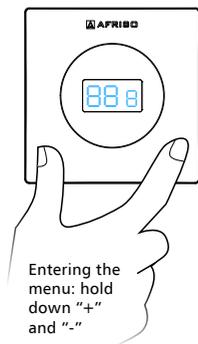
## Dimensions



## Electrical connections with FloorControl WB01 D-8 box



## Operation



H I S

Hysteresis - permissible deviation from setpoint temperature. Hysteresis is to prevent undesirable clocking of the controlled device with small temperature fluctuations. Hysteresis setting is possible in the range of 0.2÷4°C.

C A L

Sensor compensation. Compensation should be carried out if the room temperature measured by the sensor of the RT01 thermostat is significantly different from the actual temperature.

O u T

Switching between heating mode **HE A** and cooling mode **Co o**.

Heating mode:

☀ lights – when the room needs reheating

☀ is invisible – when the room is warmed up

Cooling mode:

☀ flashes – when the room needs to be cooled

☀ is invisible - when the room is chilled

L o c  
O E F

Key lock.

Resetting to factory settings.

## Technical data

Parameter/part	Value/description
General specification	
Dimensions (W x H x D)	81 x 81 x 39 mm
Ambient temperature	5÷50°C
Temperature setting range	5÷35°C
Sensor measurement error	+/- 0.5°C
Electrical parameters	
Power supply	230 V AC
Load capacity of the contact	1 A/250 V AC
Power consumption	max 0.5 W
Permissible cable type	3x0,5 mm <sup>2</sup>

## Decommissioning, scrapping



1. Disconnect the power supply from the device.

2. Remove the device.

3. In order to protect the environment, the decommissioned appliance must not be disposed of with unsorted household waste. The device must be delivered to a suitable disposal point.

RT01 thermostats are made of recyclable materials.

## Guarantee

The manufacturer gives 36 months guarantee for the device from the date of purchase from AFRISO sp. z o.o..

The guarantee becomes void as a result of arbitrary alterations or installation not in accordance with this installation and operation manual.

## Customer satisfaction

For AFRISO, customer satisfaction is the most important thing. If you have any questions, suggestions or problems with the product, please contact us.

## Addresses

The addresses of companies representing the AFRISO group worldwide can be found at [www.afriso.com](http://www.afriso.com).