AFRISO-EURO-INDEX GmbH
Lindenstr. 20
D-74363 Güglingen
www.afriso.com

Service AFRISO
Tel. 07135 102 0
service@afriso.de

Installation and Operation Manual

FloorControl RT05
programmable room thermostat

+ Read the manual before using the device!
+ Pay attention to all safety information!
+ Keep the installation and operation manual!

953.011.0090

Contents

1 Explanation of the installation and operation manual

The installation and operation manual is an important part of the delivery. That's why we recommend to:

- Read the installation and operation manual before installing the unit.
- Keep the installation and operation manual throughout the lifecycle of the unit.
- Transfer the installation and operation manual to any subsequent owner or user.

The following references appear in this manual:
“Applies to 230 V version:” and “Applies to battery version:”.
The content in the relevant section of the manual under “Applies to the battery version:” refers only to the Programmable room thermostat FloorControl RT05 for WB01 D-8-24/230, battery-powered (Art. No. 86 020). The content in the relevant section of the manual under “Applies to 230 V version:” refers only to the Programmable room thermostat FloorControl RT05 for the WB01 D-8-230, 230 V AC (Art. No. 86 019).

2 Safety

2.1. Warning Signs

DANGER Shows the nature and source of the hazard.

- Describes what to do to avoid danger

Hazards have 3 levels:

Hazard	Meaning
DANGER	Imminent danger! Failure to comply will result in death or serious injury.
WARNING	Possible danger! Failure to comply may result in death or serious injury.
NOTE	Hazardous situation! Failure to comply may result in slight to medium injury or material damage.

2.2. Intended use

The FloorControl RT05 programmable room thermostat is designed to control (on/off) a heating or cooling device, such as a gas or electric boiler.
The RT05 room thermostat may be connected to the FloorControl WB01 D-8 underfloor heating wiring box to control the floor heating system.
Any use other than those referred to in 2.2 is prohibited.

2.3. Quality control

The design of the FloorControl RT05 programmable room thermostat complies with the current state of the art and technical safety standards. Each device is checked for safety before shipment.

- The product should only be used in an unobjectionable technical condition. Read the installation and operation manual and observe all applicable safety regulations.

Applies to the 230 V version:

WARNING The mains voltage (AC 230 V AC) can cause serious injury or death.

- Do not allow the device to come into contact with water.
- Disconnect the device from the power supply before dismantling the housing.
- Disconnect the device from the power supply before servicing.
- Do not make any modifications to the device.

2.4. Authorised to operate

To avoid operating errors and accidents, make sure that all persons using the device are familiar with its operation and chapter 2 of this manual. Work on electrical circuits should only be carried out by an authorised electrician.

2.5. Product modifications

Changes or modifications made by unauthorised persons may cause hazards and are prohibited for safety reasons.

2.6. Use of additional parts and accessories

The use of inappropriate additional parts and accessories may damage the device.

- Use only original manufacturer's spare parts and accessories.

2.7. Responsibility

The manufacturer is not liable for direct damage or its consequences resulting from inaccurate reading of the installation and operation manual, guidelines and recommendations.
The manufacturer and the seller of the device are not responsible for damages and costs incurred by the user or third parties using the device, in particular for damages resulting from use not in accordance with the intended use indicated in chapter 2.2 of the installation and operation manual, improper or defective connection or maintenance and operation not in accordance with the manufacturer's recommendations.
AFRISO makes every effort to ensure that the information materials do not contain errors. If you find errors or inaccuracies in the following installation and use instructions, please contact us.

3 Description of the device

The FloorControl RT05 programmable thermostat is a compact device with a display that allows precise programmming of the temperature in a room or rooms according to the day and time. The use of FloorControl RT05 in a room provides thermal comfort and reduces unnecessary heat loss.
FloorControl RT05 is available in two versions: battery powered (2xAAA) and supplied with 230 V AC mains voltage.
The FloorControl RT05 room thermostat is dedicated to the FloorControl WB01 D-8 underfloor heating wiring box to control the floor heating system.
The FloorControl RT05 thermostat may be used to control a heating or cooling device, such as a gas or electric boiler.
The RT05 thermostat consists of the main part with display and a rear part for mounting in a mounting box. The rear part can be disconnected by turning it counterclockwise (OPEN arrow). The rear part can be reattached by inserting it into the main part and locking it in place when turned clockwise (CLOSE arrow).

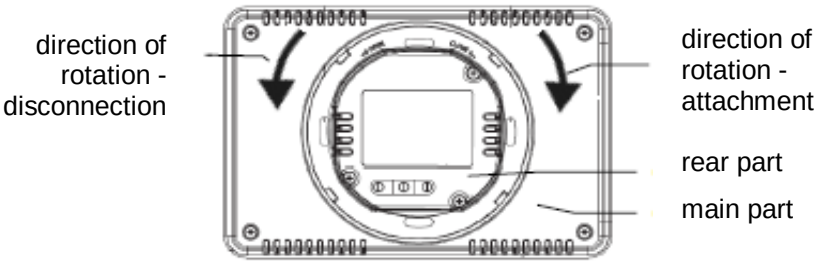


Figure 1: Disconnecting the rear of the thermostat.

The FloorControl RT05 programmable thermostat, battery-powered version (Art. No. 86 020), may be connected to both versions of the WB01 D-8 underfloor heating wiring box (230 V AC - Art. No. 86 013 or 24 V DC - Art. No. 86 014).
The FloorControl RT05 programmable thermostat supplied with 230 V AC mains voltage (Art. No. 86 019) can only be connected to a wiring box supplied with 230 V AC mains voltage (Art. No. 86 013).

3.1. Construction

←	Pressing the button activates weekly or day/night mode. After entering the menu, the button is used to approve the settings and return to the main screen.
−	Pressing the button switches to manual mode and reduces the setpoint temperature. After entering the menu, the button is used to change the settings of individual parameters.
+	Pressing the button switches to manual mode and increases the setpoint temperature. After entering the menu, the button is used to change the settings of individual parameters.
⊞	Press and hold the button to enter the menu. When editing parameters, pressing the button ⊞ will confirm the changes made and move on to editing the next parameter.

Figure 2: Structure and button description of the FloorControl RT05 thermostat

3.2. Dimensions

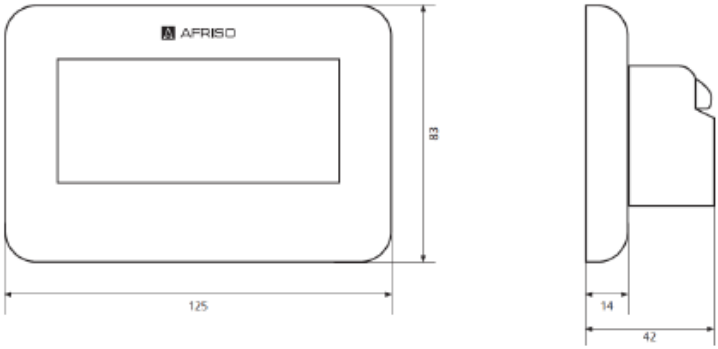


Figure 3: Dimensions of the FloorControl RT05 thermostat

3.3. Operation

The FloorControl RT05 programmable room thermostat is designed to maintain the desired room temperature. When the room temperature drops below the programmed value, the thermostat opens the contact, sending a signal to the heating device or the wiring box of the FloorControl underfloor heating control system to increase it. In cooling mode, the situation is reversed – if the room temperature rises above the programmed value, the thermostat closes the contact, thus sending a signal to the cooling unit to lower it.

The thermostat's advanced software allows it to operate in the following modes:

- weekly mode
  - control on a weekly schedule,
- day/night mode
  - working in a day/night programme,
- manual mode
  - keeping the room temperature setpoint constant.

3.4. Versions

FloorControl RT05 thermostats are available in two versions.

1) FloorControl RT05 programmable room thermostat for WB01 D-8-24/230 box, battery-powered (Art. No. 86 020) – left.

2) FloorControl RT05 programmable room thermostat for WB01 D-8-230 box, 230 V AC (Art. No. 86 019) – right.

RT05 battery RT05 230 V

Figure 4: Versions of FloorControl RT05 programmable thermostats

3.5. Example application diagrams

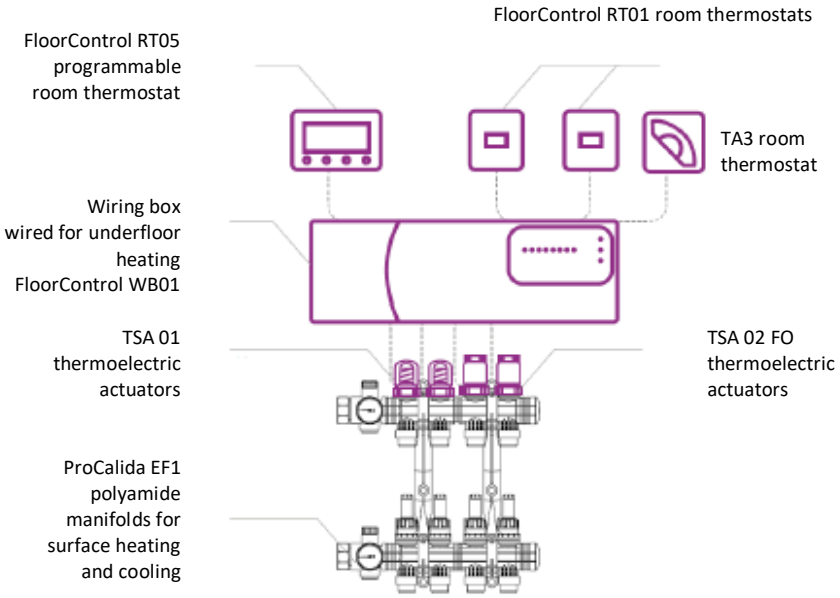


Figure 5: Example application diagram – FloorControl RT05 thermostat connected to FloorControl WB01 wiring box

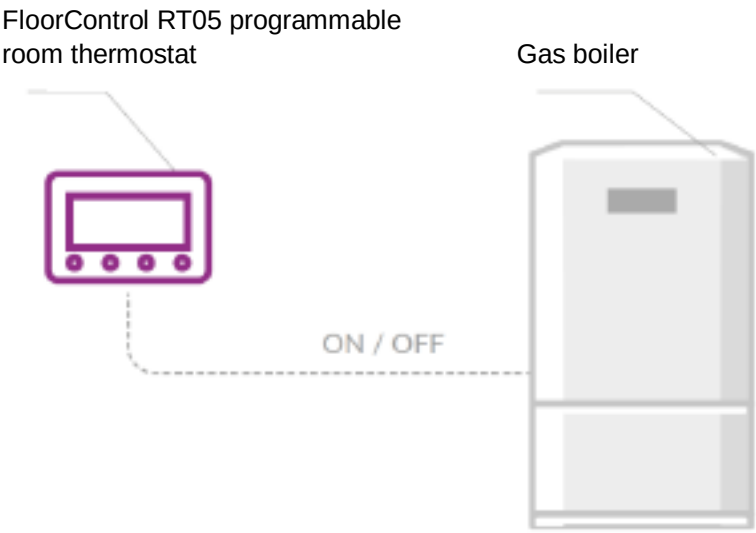


Figure 6: Example application diagram – FloorControl RT05 programmable room thermostat used to control a gas boiler.

3.6. Technical data

Table 1: Technical data for RT05 room thermostats

Parameter/part	Value/description
General specification	
Dimensions (W x H x D)	125x83x42mm
Ambient temperature	5÷50ºC
Temperature setting range	5÷35ºC
Sensor measurement error	+/- 0.5ºC
Modes (programmes)	manual, day/night, weekly
Electrical parameters	
Power supply	Art. No. 86 020: 2xAAA 1.5 V batteries (LR03) Art. No. 86 019: 230 V AC
Load capacity of the contact	1 A/250 V AC

3.7. Approvals, certificates, conformity

RT05 programmable FloorControl room thermostats meet the requirements of Directive 2014/35/EU of the European Parliament and of the Council of 26 February 2014 on the harmonisation of the laws of the Member States relating to the making available on the market of electrical equipment designed for use within certain voltage limits (Official Journal EU L 96, 29.03.2014, page 357) and Directive 2014/30/EU of the European Parliament and of the Council of 26 February 2014 on the harmonisation of the laws of the Member States relating to electromagnetic compatibility (Official Journal EU L 96 of 29.03.2014, page 79), Directive 2009/125/EC establishing a framework for the setting of ecodesign requirements for energy-related products and the Regulation of the Minister of Entrepreneurship and Technology of 24 June 2019 amending the Regulation on essential requirements for restricting the use of certain non-hazardous substances in electrical and electronic equipment implementing Directive (EU) 2017/2102 of the European Parliament and of the Council of 15 November 2017 amending Directive 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment (Official Journal EU L 305, 21.11.2017, p. 8).
Harmonised standards have been used for conformity assessment:
PN-EN IEC 60730-2-9:2019-06, PN-EN 60730-1:2016-10.

4 Transport and storage

NOTE Possible damage to the device during improper transport.

- Do not throw the device.
- Protect against soaking, moisture, dirt and dust.

NOTE Possible damage to the during improper storage.

- Store the device in a dry and clean room.
- Protect against soaking, moisture, dirt and dust.

5 Assembly and start-up

The RT05 thermostat's mounting location must provide protection from the weather. The RT05 thermostat must not be installed outdoors.

The RT05 thermostat is designed for wall mounting using a standard Ø60 mm flush-mounted electrical junction box. It cannot be mounted on a base or placed directly on a finished wall.

NOTE Possible damage to existing installations

- When making openings in walls, special care must be taken not to damage electrical cables or other existing wires.

5.1. Wall mounting

Check whether the wall is strong and thick enough and whether the RT05 thermostat will fit in the place of your choosing. Then place and fix a Ø60 mm electrical box in the opening. Disconnect the rear of the thermostat (see chapter 3) from its main part by slightly turning it counterclockwise. Fix the rear part to the box using the holes A, B or A and B (depending on the type and the method of mounting the electrical box) marked in Figure 7. Snap the main part of the thermostat onto the rear part by slightly turning it clockwise.

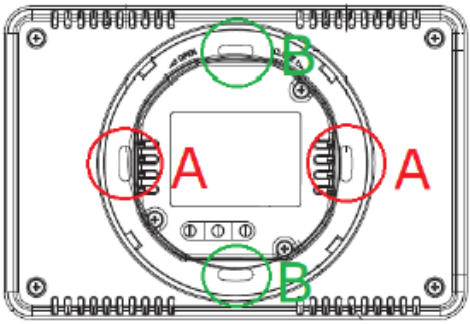


Figure 7: Mounting holes

5.2. First start-up

Before the first start up:

1. Connect the thermostat with the corresponding wiring box WB01 D-8 or heating device according to section 5.3.

Applies to the battery version:

2. Insert the batteries into the rear of the thermostat

Applies to the 230 V version:

2. Connect the power supply according to section 5.3
3. Install the thermostat in the wall in accordance with section 5.1.

5.3. Electrical connections

Make sure that the power supply is disconnected and secured against accidental switching.

Observe health and safety regulations and other accident prevention regulations. All applicable national legislation must also be complied with. Applies to the 230 V version:

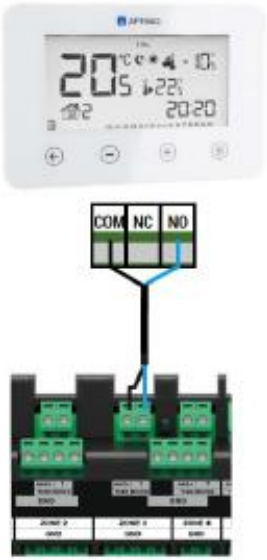
The FloorControl RT05 room thermostat is connected to 230 V AC.

WARNING Do not allow the thermostat and electrical cables to come into contact with water.

5.3.1. Connections to the WB01 D-8 box

Only one room thermostat can be assigned to a given zone on the FloorControl WB01 D-8 box.

Make the connections to the box as shown in Figure 8, 9 or 10, depending on your version.



Applies to the battery version:
Figure 8: Electrical connection of thermostat RT05 with WB01 D-8-24V box

Applies to the battery version:
Figure 9: Electrical connection of thermostat RT05 with WB01 D-8-230V box

Applies to the 230 V version:
Figure 10: Electrical connection of thermostat RT05 with WB01 D-8-230V box

5.3.2. Compatibility with WB01 D-8 wiring boxes

The 230V version of RT05 thermostat can be connected only to the WB01-D8-230V box, while the battery version can be connected both to the WB01-D8-230 box and to the WB01-D8-24 box. To properly recognize your thermostat version refer to section 3.4.

5.3.3. Connections to other heating devices

The RT05 thermostat can be used to control (on/off) other heating or cooling device such as a gas boiler. To control other heating devices, we recommend using the battery version of FloorControl RT05 programmable thermostat (see section 3.4).

Such a connection should be made in accordance with the manual of the heater you want to control.

For most gas boilers, control is by potential-free contact. This contact is previously bridged. You should:

1. Remove the bridge (the element shorting the two control contacts).
2. Connect the two wires in place of the bridge.
3. Connect the wire to the thermostat connections according to the following diagram.

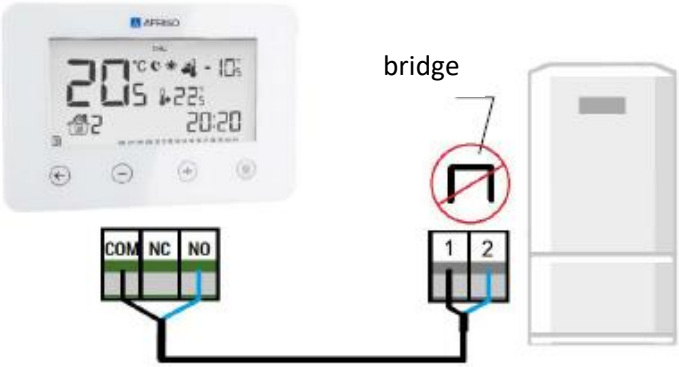


Figure 11: Example of electrical connection of RT05 thermostat with a gas boiler

6 Operation of FloorControl RT05 thermostat

6.1. Main screen

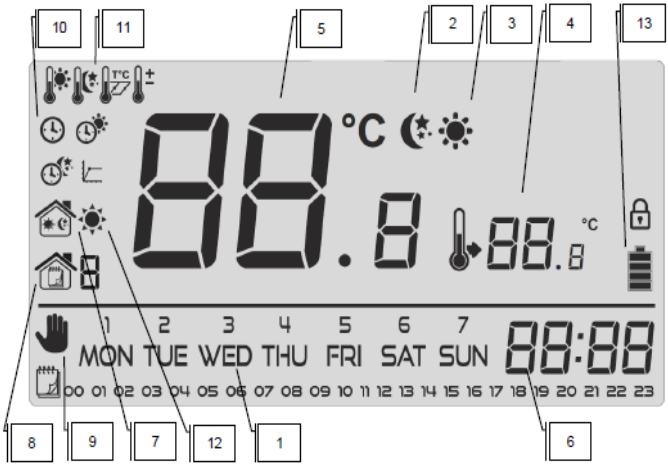


Figure 12: The main screen and its icons.

1 – Day of the week
2 – Active energy-saving temperature
3 – Active comfort temperature
4 – Setpoint temperature
5 – Measured temperature
6 – Hour
7 – Day/night mode active
8 – Weekly mode active
9 – Manual mode active
10 – Clock settings , Day from... , Night from..
11 – Comfort temperature , Energy-saving temperature Temperature sensor compensation , Hysteresis setting
12 – Heating/cooling status icon
In heating mode:
when the desired temperature is reached in the room
the icon looks like this: ,

when the desired temperature is not reached in the room, the “sunshine” flashes (pulsating).
In cooling mode:
when the desired temperature is reached in the room
the icon has only 4 rays (looks like this: ), when the desired temperature is not reached in the room
the rays are displayed alternately this way:

and this:  (spinning).
Applies to the battery version:
13 – Battery level
To replace the battery, disconnect the main part of the thermostat from the rear part – see chapter 3.

6.2. Operating modes

The FloorControl RT05 room thermostat can operate in one of the three operating modes described below (Chapters 9.2.1 to 9.2.3).

6.2.1. Manual mode

In manual mode, the temperature is set directly from the main screen.

Use the  and  buttons to set it.

Manual mode is activated automatically by pressing one of these buttons.
When manual mode is activated, it becomes the current mode only until the nearest programmed setpoint temperature change of the previously active mode.
Example: It's 5:10pm. The weekly mode is active with a comfort temperature of 22ºC and a programmed energy-saving temperature change to 19ºC at 11:00pm. When you press and set the temperature to 24ºC, manual mode is activated as the current mode. The temperature of 24ºC will be maintained until 11:00pm, when it will change to 19ºC and return to weekly mode.

The current operation of manual mode as active mode is indicated by the icon  .

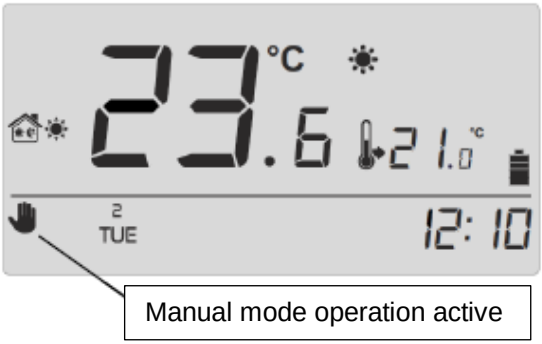


Figure 13: Example of the main screen during manual operation.

Manual mode can be deactivated by pressing .

6.2.2. Day/night

In day/night mode, the desired temperature depends on the time. The user enters a separate setpoint temperature for day (comfort temperature) and night (energy-saving temperature) and the exact times when the controller will start the day (time with comfort temperature) and night (time with energy-saving temperature).

To activate the day/night mode, press and the icon will appear on the screen.

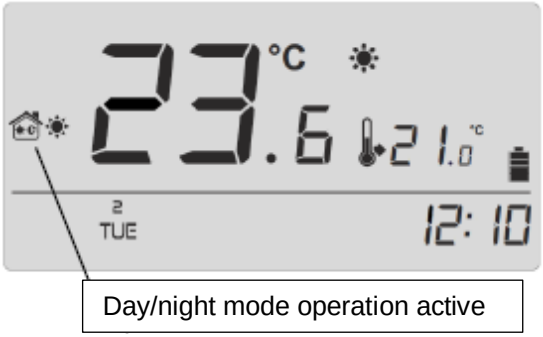


Figure 14: Example of the main screen during day/night operation.

6.2.3. Weekly mode

In the weekly mode, the user determines at which times and on which days comfort temperature will be maintained, and on which it will switch to energy-saving.
FloorControl RT05 programmable room thermostat allows 9 different programmes.
The programmes are divided into 3 main groups:
programmes 1÷3
By selecting programme 1, 2 or 3, daily settings are made for all days of the week at once.
Example: Comfort temperature of 21ºC was set from 5pm to 10pm, and energy-saving temperature of 19ºC from 10pm to 5pm the following day. As a result, the RT05 thermostat will maintain 19ºC at 3:40pm regardless of the day of the week.
programmes 4÷6
By selecting programme 4, 5 or 6, daily settings are made separately for working days (Monday-Friday) and the weekend (Saturday-Sunday).
Example: A comfort temperature of 21ºC was set from 5pm to 10pm, and energy-saving of 19ºC from 10pm to 5pm the following day on working days; comfort temperature of 21ºC was set from 8am to 11pm, and energy-saving of 19ºC from 11pm to 8am on the weekend. As a result, the RT05 thermostat will maintain 19ºC at 3:40pm on working days and 21ºC at the same time on Saturday and Sunday.
programmes 7÷9
By selecting programme 7, 8 or 9, the daily settings are made separately for each day of the week.
Example: You can set independent hours of comfort and energy-saving temperature separately for each day. On Wednesday, the comfort temperature can be set between 5pm and 10pm, on Friday between 4pm and midnight, and on Saturday between 7am and midnight.

The weekly mode is activated by pressing  which results in the icon  appearing on the home screen.

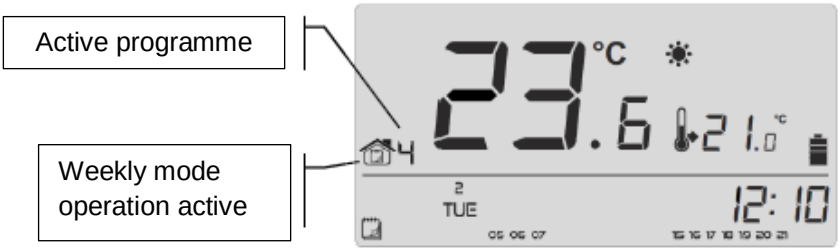


Figure 15: Example of the main screen during weekly operation.

At the bottom of the screen, the hours for which the comfort temperature is assigned are displayed. For the remaining hours, invisible on the screen, energy-saving temperature is assigned (Figure 16).

Figure 16: Hours for which comfort temperature is assigned.

7 Navigating through the menu and editing parameters

Navigating through the menu, editing parameters and operating all functions is carried out using the ⊕, ⊖, ⏎ and ▦ buttons. To edit individual parameters, press ▦ . Pressing ▦ scrolls through thermostat functions. The currently edited parameter will be expressed graphically by a flashing icon, the others will be greyed out. In order to change the parameter setting, use the buttons ⊕ and ⊖. . After changing the parameter, approve it with ▦ (the change is confirmed and you are forwarded to the next parameter) or with ⏎ (confirmation and return to the main screen).

7.1. Menu diagram

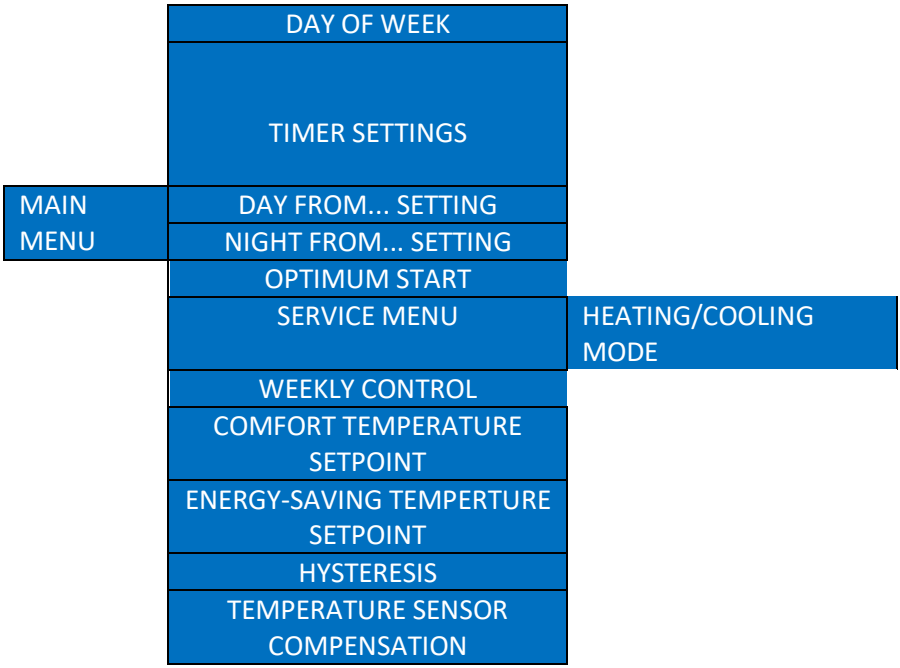


Figure 17: Block diagram of RT05 thermostat menu

7.2. Day of the week

The current day of the week is set from the menu level by pressing ⊕ or ⊖ until the current day of the week is displayed. The days of the week are numbered from 1 (Monday) to 7 (Sunday).

Confirm the selection by pressing ⊞ (confirm and edit the next parameter) or by pressing ↩ (confirm and return to the main menu).

Figure 18: Editing the current day of the week

7.3. Hour

To set the current time, after entering the menu, press until the clock setting screen appears. Use or to set the hour and minutes.

Confirm the selection by pressing (confirm and edit the next parameter) or by pressing (confirm and return to the main menu).

Figure 19: Setting the current time

7.4. Day from…

The “Day from...” is used to determine the start time of the daytime. In the day/night mode, the RT05 thermostat maintains a comfortable temperature during the daytime.

To set this parameter, press until the “Day from...” setting screen appears (Figure 20). Use or to set the hour and minute of the start of the day (comfort temperature time). Confirm the selection by pressing (confirm and edit the next parameter) or by pressing (confirm and return to the main menu).

Figure 20: Defining the start time of the daytime

7.5. Night from…

The “Night from...” is used to determine the start time of the night-time. The RT05 thermostat maintains an energy-saving temperature during the night-time for the set day/night mode.

To set this parameter, press  until the “Night from...” setting screen appears (Figure 21).

Use  or  to set the hour and minute of the start of the day (comfort temperature time).

Confirm the selection by pressing  (confirm and edit the next parameter) or by pressing  (confirm and return to the main menu).

Figure 21: Defining the start time of the night-time

7.6. Optimum Start

“Optimum Start” is a heating/cooling control algorithm. It is based on monitoring how quickly the heating/cooling installation of the house/apartment is able to raise/lower the room temperature. The RT05 room thermostat uses this information to run heating/cooling in advance to reach the set temperatures.

"Optimum start" is maintenance-free and reacts to any changes affecting the efficiency of the heating system.

Example 1: New, more efficient radiators are installed. After the changes, the room heats up faster, the "Optimum start" system will recognize the change at the next programmed change from energy-saving to comfort temperature and in the next cycle will delay the activation of the heating, reducing the time needed to reach the set temperature.

Example 2: The house has undergone a thermal modernisation. The room heats up faster, the "Optimum start" system will recognise the change at the next programmed change from energy-saving to comfort one and will delay the activation of the heating in the next cycle, reducing the time needed to reach the set temperature.

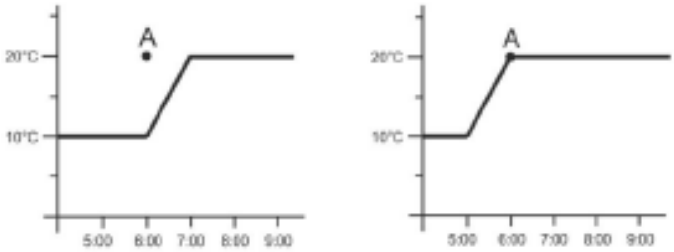


Figure 22: To the left, there is a room temperature graph without the Optimum Start algorithm, to the right there's one using Optimum Start.

Summary: With Optimum Start switched off , the moment the energy-saving temperature changes to comfort (point A in the diagram) is the moment the room starts heating.

With Optimum Start switched on , the moment the energy-saving temperature changes to comfort (point A in the diagram) is the moment when the comfort temperature is reached.

Example: At 6:00am, the temperature is to be changed from energy-saving (10°C) to comfort (20°C). With the Optimum Start switched off, at 6am the room will start heating and the temperature will start rising to 20°C at 7am. With the Optimum start switched on, the temperature will start rising as early as 5am, reaching 20°C at exactly 6am.

The accuracy of the Optimum Start algorithm depends on many factors, and deviations may occur with changing external and internal conditions.

“Optimum start” is activated or deactivated by pressing until the “Optimum start” setting screen appears (Figure 23) . Use or to switch the “Optimum start” module on or off.

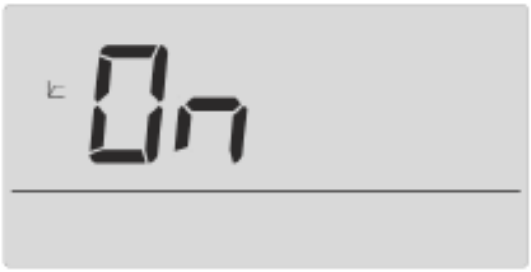


Figure 23: Optimum start algorithm on

Confirm the selection by pressing (confirm and edit the next parameter) or by pressing (confirm and return to the main menu).

7.7. Service menu

Selected functions of the FloorControl RT05 thermostat are hidden in the code-protected service menu.

To make changes to the service menu settings, press until the service menu setting screen appears. Enter the code for the service menu using and after selecting the correct first digit of the code, confirm the selection by holding down the button until the next digit of the code starts blinking. Do the same with the next two digits.

Figure 24: Service menu entry screen

The code for the service menu is 215.

7.7.1. Switching between heating and cooling modes

The RT05 thermostat can be used to control both heating and cooling. The modes are marked with the following symbols:

Use of the thermostat for heating is indicated by the icon

Use of the thermostat for cooling is indicated by the icon

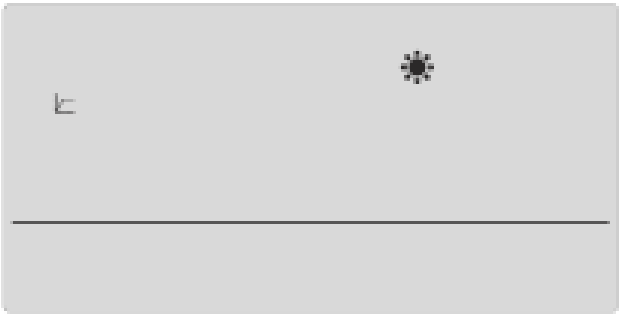


Figure 25: Thermostat RT05 heating/cooling mode selection screen.

Confirm the selection by pressing (confirm and exit to the main menu).

7.8. Weekly programme

The weekly programme setting menu is used to change the current weekly programme and to modify individual weekly programmes. The operation of the weekly mode is described in section 6.2.3.

7.8.1. Selection of the current weekly programme

When the weekly mode is activated (see sections 3 and 6.2.3), the current programme will start. To select the current programme from the 9 available (see chapter 6.2.3 for programme details), press until the weekly programme setting screen appears (Figure 26).

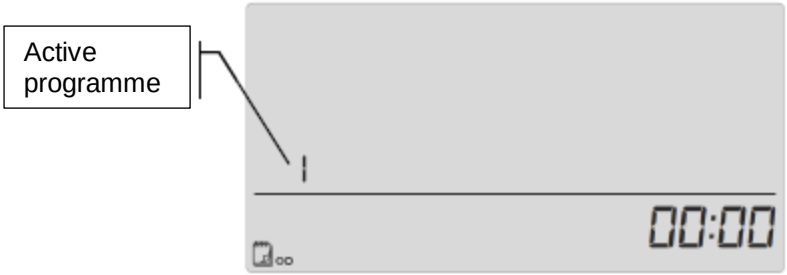


Figure 26: Choosing the active weekly programme

Holding down the button will activate the selection screen for the current weekly programme. Each time you press the button again, the programme changes. When the number of the programme you are expecting appears, press . The RT05 thermostat will return to the main menu and the selected programme will be confirmed as active.

7.8.2. Weekly program configuration

The weekly program is used to determine the hours during the whole week in which the comfort temperature is to apply and those in which the energy-saving temperature will apply.
Depending on the selected programme you can: programmes 1÷3
Assign one daily setting for all days of the week; programmes 4÷6
Assign a daily setting for working days and weekends separately; programmes 7÷9
Assign a setting separately for each day of the week.

For examples, see section 6.2.3.

To edit the weekly programme, press until the weekly programme setting screen appears (Figure 26).
Then:
1) Select the programme you want to edit.

Turn on the weekly programme settings screen by holding down .

Each time you press the button again, the programme changes. When the programme number appears for which you want to change the settings, you can start programming the schedule.

2) Select day of the week

If you edit programme settings number 1, 2 or 3, you cannot select the day of the week. In these programmes, the schedule setting for one day is repeated daily, regardless of the day of the week.
If you edit programme settings number 4, 5 or 6, you can edit the settings separately for working days and the weekend (Saturday, Sunday). Select the day of the week by pressing .
If you edit programme settings number 7, 8 or 9, you can choose each day of the week separately. Select the day by pressing .

3) Set individual hours with comfort and energy-efficient temperature
The RT05 thermostat screen displays the currently edited time. To assign comfort temperature, press , to select energy-saving temperature press . The RT05 thermostat automatically goes on to edit the next hour.

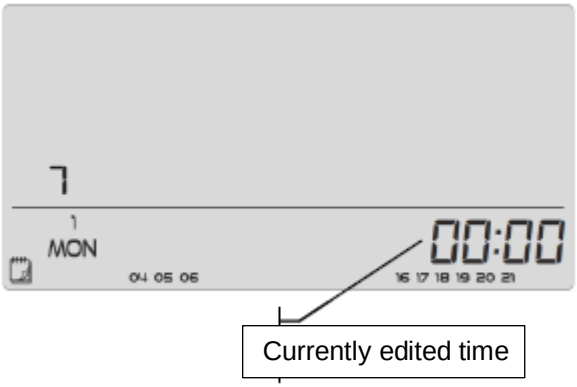


Figure 27: Editing individual hours

The already configured weekly programme schedule is displayed at the bottom of the screen. It can be read as follows: if an hour is displayed, it means that a comfort temperature has been assigned to it, if an hour is invisible, it means that an energy-saving temperature has been assigned to it.
Example:
According to the above screen (Figure 27), programme schedule number 7 for Monday is as follows:

Midnight-3:59am – energy-saving temperature
4am-6:59am – comfort temperature
7am-3:59pm – energy-saving temperature

4pm-9:59pm – comfort temperature
10pm-11:59pm – energy-saving temperature

In order to finish editing a given weekly programme hold down . This will confirm the changes made and transition to the next programme.

Pressing will confirm the changes made, set this program as current and exit to the home screen.

7.9. Comfort temperature

The set comfort temperature is applicable in weekly and day/night mode.

The comfort temperature is symbolised by the icon

To set it, press until the comfort temperature edit screen appears. The comfort temperature edit screen is also marked with the icon . Use or to set the selected temperature.

Confirm the selection by pressing (confirm and edit the next parameter) or by pressing (confirm and return to the main menu).

7.10. Energy-saving temperature

The set energy-saving temperature is applicable in weekly and day/night mode.

The energy-saving temperature is symbolised by the icon

To set it, press until the comfort temperature edit screen appears. The energy-saving temperature edit screen is also marked with the icon . Use or to set the desired temperature.

Confirm the selection by pressing (confirm and edit the next parameter) or by pressing (confirm and return to the main menu).

7.11. Hysteresis

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

Example:

The temperature is set at 22°C. Hysteresis was set to 0.6°C. The RT05 thermostat will start to give information about underheating of the room after the temperature drops to 21.4°C.

To set hysteresis, press ⊞ until the hysteresis edit screen appears. Use ⊕ or ⊖ to set the desired deviation.

Figure 28: Setting hysteresis value

Confirm the selection by pressing ⊞ (confirm and edit the next parameter) or by pressing ← (confirm and return to the main menu).

7.12. Sensor compensation

Compensation is carried out during installation or after prolonged use of the thermostat. Compensation should be carried out if the room temperature measured by the internal sensor of the RT05 thermostat is significantly different from the actual temperature.
Compensation range: -10ºC to +10ºC with accuracy every 0.1ºC.
Please note that an ordinary home thermometer is not a precision measurement device and should not be used as a basis for sensor compensation. For example, the electronic thermometer AFRISO TM7 may be used for that purpose.

To set compensation, press ⊞ until the sensor compensation screen appears. Use ⊕ or ⊖ to set desired corrections.

Figure 29: Temperature sensor compensation screen

Confirm the selection by pressing ⊞ (confirm and edit the next parameter) or by pressing ⊖ (confirm and return to the main menu).

8 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. FloorControl RT05 programmable thermostats are made of recyclable materials.

9 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.

10 Guarantee

Product warranty in accordance with the general conditions of sale and delivery. The guarantee becomes void as a result of arbitrary alterations or installation not in accordance with this installation and operation manual.