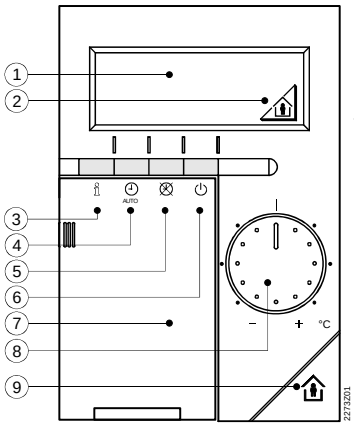
Operating Instructions

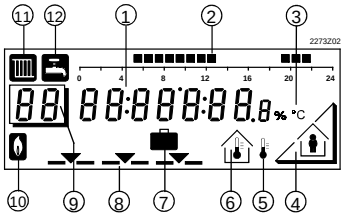
	SET	
1	Nominal temperature	°C
2	Reduced temp	°C
3	D.h.w. temperature	°C
	PROG	
4	Required weekday	1...7 (8)
5	Start	Heating period 1
6	End	
7	Start	Heating period 2
8	End	
9	Start	Heating period 3
10	End	
11	Copy 24-hour program	

Operating elements



1 Display
2 Display of presence button
3 Info button
4 Operating mode button Automatic mode
5 Operating mode button Manual operation
6 Operating mode button Standby
7 Cover
8 Temperature setting knob
9 Presence button

Display

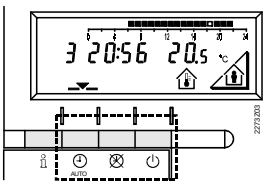


1 Digits, clock
2 Heating program
3 Units (% / °C)
4 Display of presence button
5 Outside temperature
6 Room temperature
7 Holiday function
8 Operating mode
9 Line number / current day
10 Burner ON
11 Heating mode
12 D.h.w. temperature / d.h.w. heating

Operation

During operation, the cover must be closed!

Selecting the operating mode



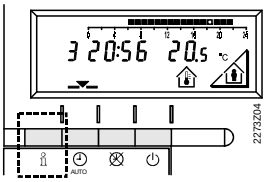
The required operating mode is selected by pressing the respective operating mode button. The selection made is indicated by the symbol ▼.

Automatic mode
The heating operates automatically according to the selected heating program. The program can be temporarily overridden by pressing the presence button.

Manual operation
The heating operates according to the selection made with the presence button.

Standby
The heating is switched off. There is no frost protection for the building.

Info button



When the Info button is pressed, the display shows the following values in consecutive order.
The room temperature controller continues to operate, independent of the selected display.

Weekday, time of day, room temperature

Outside temperature *

D.h.w. temperature *

* *These displays appear only if the respective detector is connected or if the value is transmitted by the boiler temperature controller.*

Temperature readjustment

Before making any room temperature readjustments on the controller, thermostatic radiator valves - if present - must be set to the required temperature!

If it is too warm or too cold in your apartment, you can turn the temperature setting knob to change the nominal room temperature.

If you turn the setting knob toward +, you raise the nominal room temperature by 1 °C per graduation.

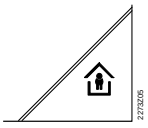
If you turn the setting knob toward -, you lower the nominal room temperature by 1 °C per graduation.

Before making any new readjustments, wait until the room temperature has been reached.

Note:

With the temperature setting knob, you only readjust the nominal room temperature.

Presence button



If you do not occupy your rooms for longer periods of time, you can press the presence button, thus saving heating energy. If your rooms are used, press the presence button again to provide heating.
The display shows the selection made:

Heating to nominal room temperature

Heating to reduced room temperature

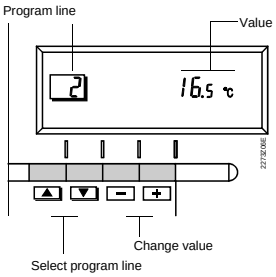
Note:

In manual operation, the selection made acts permanently,

in automatic mode only until the next switching action according to the heating program takes place.

Programming

To program the controller, the cover must be open!



As soon as the cover is opened, both the display and the button function change over. Then, the framed number indicates the program lines that can be selected with the arrow buttons.

You can set or display the following values:

- Temperatures 1 to 3
- Heating program 4 to 11
- Weekday and clock 12 to 14
- Current values 15 to 17
- Duration of holiday period 18
- Resetting to standard values 19

Setting the temperatures

Before making any room temperature readjustments on the controller, thermostatic radiator valves - if present - must be set to the required temperature!

In automatic mode, the controller switches between nominal and reduced room temperature according to the heating program.

In manual operation, the the temperatures are switched by pressing the presence button.

1 Nominal room temperature:
Temperature used during room **occupancy** (basic setting)

2 Reduced room temperature:
Temperature used during **absence** or at night

3 D.h.w. temperature:
Required d.h.w. temperature

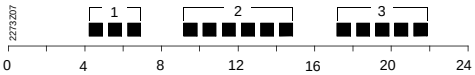
Heating / D.h.w. program

With the heating program, you can predetermine the temperature switchover times for one week.

The weekly program consists of seven 24-hour programs. One 24-hour program may include up to three heating periods each of which is defined by a start and an end time.

The 24-hour program no. 8 is intended for d.h.w. applications (can only be enabled by the heating engineer).

If you do not require a certain heating period, you need to enter the same time of day as the start and the end time.



4 Select the required weekday for the heating period
(1 = Monday … 7 = Sunday / 8 = d.h.w. program)

5 Start of heating period 1: heating to nominal temperature

6 End of heating period 1: heating to reduced temperature

7 Start of heating period 2: heating to nominal temperature

8 End of heating period 2: heating to reduced temperature

9 Start of heating period 3: heating to nominal temperature

10 End of heating period 3: heating to reduced temperature

11 Copy a 24-hour program

[+] When pressing this button, the current heating program is copied to the next day.

[−] When pressing this button, the current heating program is copied to the previous day.

As a confirmation, the following day will be displayed.

Setting the time of day

12 For setting the current weekday
(1 = Monday / 7 = Sunday)

13 For setting the correct hour

14 For setting the correct minute.
Each time a full hour is reached, the display switches to the next hour

With [−] and [+], you set the correct time of day. Permanent pressing of these buttons accelerates the display.

Current values

15 Display and setting of heating curve slope

16 Display of actual boiler temperature

17 Display of current burner output and of current operating mode
(= space heating / = d.h.w. heating)

Holiday function

18 For entering the number of days during which you will be absent.

The display shows the holiday symbol ( ), the first day of the holiday period on the left (1 = Monday / 7 = Sunday), and the number of days of the holiday period on the right.

Note:

During the holiday period, the controller switches to standby.

At the end of the holiday period, the controller switches to automatic mode.

The holiday function can be cancelled by pressing any of the operating mode buttons.

Default values

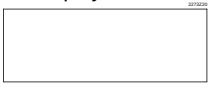
19 To retrieve the default values, press [−] and [+] for at least 3 seconds. As a confirmation, the display shows ¦.

Caution!
In that case, the values of the following line numbers that have previously been entered will be lost!

- Temperature and time program 1 to 10
- Duration of holiday period 18

Status indications

No display:

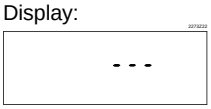


- No voltage present at the BMU
- Faulty connection between room temperature controller and BMU
- Room temperature controller and BMU are not compatible
- Room unit faulty

Display:

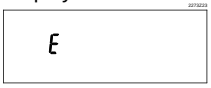
- Programming lock active

Display:



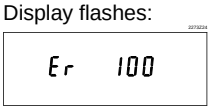
- No detector present or detector faulty

Display:

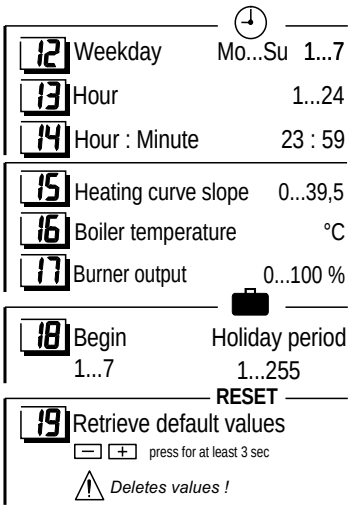


- Remote telephone switch (external contact) is active

Display flashes:



- BMU indicates a fault. The respective error code (here: 100) is displayed. For details, please refer to the relevant documentation or contact your service engineer


12 Weekday Mo...Su 1...7
13 Hour 1...24
14 Hour : Minute 23 : 59
15 Heating curve slope 0...39,5
16 Boiler temperature °C
17 Burner output 0...100 %
18 Begin 1...7
Holiday period 1...255
RESET
19 Retrieve default values
press for at least 3 sec
Deletes values !