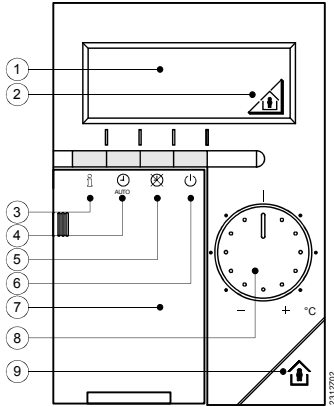


SIEMENS



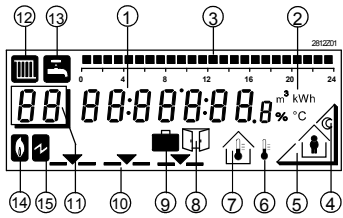
Operating Instructions QAW20

Operating elements



- 1 Display
- 2 Display 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

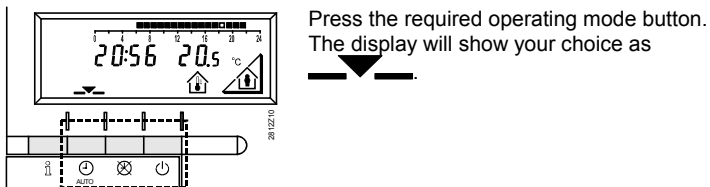


- 1 Digital display, clock
- 2 Units
- 3 Time bar heating program
- 4 Central setback
- 5 Display presence button
- 6 Outside temperature
- 7 Room temperature
- 8 Airing detection
- 9 Holiday function
- 10 Operating mode
- 11 Meter or program line
- 12 Heat cost allocator
- 13 Water meter
- 14 Gas meter
- 15 Electricity meter

Operation

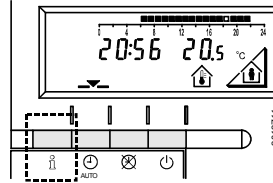
During operation, the unit cover must be closed!

Selecting the operating mode



- Automatic mode**
The heating system operates automatically according to the selected heating program. The program can be temporarily overridden by pressing the presence button.
- Manual operation**
The heating system is operated manually, depending on the choice made with the presence button.
- Standby**
The room unit is switched off, but d.h.w. heating and frost protection are ensured.

Info button



Every time the Info button is pressed, the values listed below will be displayed in successive order.

The room unit continues to operate, independent of the selected display.

- Time of day, room temperature
- Weekday, time of day
- Outside temperature *
- Heat consumption trend
- %

- Current meter readings:
- Heating costs
- Domestic hot water *
- Gas *
- Electricity *
- Other meters *

* Display only if the relevant meters or sensors are connected.

Do not mix up current meter readings with set day values!

Temperature readjustments



If the temperature in your apartment is too high or too low, you can readjust the nominal room temperature by turning the setting knob.

Turning the knob in the direction + increases the nominal room temperature by about 1 °C per graduation.

Turning the knob in the direction - decreases the nominal room temperature by about 1 °C per graduation.

Before making further readjustments, wait some time, allowing the room temperature to adapt.

With the temperature setting knob, you only readjust the nominal room temperature. The reduced room temperature remains unchanged.

Presence button

If you do not use your rooms for longer periods of time, you can reduce the room temperature by pressing the presence button, thus saving heating energy. When your rooms are occupied again, press the presence button again to provide heating.

The choice made is shown on the display:



- Heating to the nominal temperature = **rooms occupied**
- Heating to the reduced temperature = **rooms unoccupied**
- Central temperature setback through the central unit

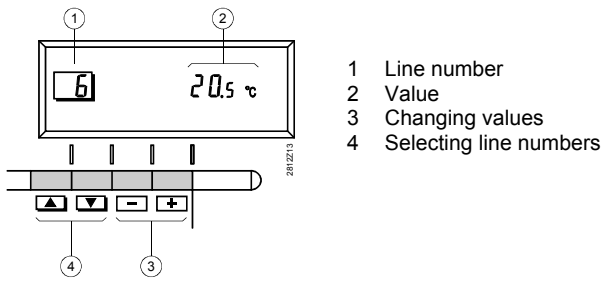
The choice made is

- continuously active in manual operation,
- active in the automatic mode only to the next switching action of the heating program.










Programming

To program the room unit, the unit cover must be open!

As soon as the cover is opened, the display and the button function will change. The framed number indicates the program line that can be selected with the arrow buttons  and .





You can set or display the following values:

- Temperatures  to 
- Heating program  to 
- Weekday and clock  to 
- Set day values 
- Holiday period 
- Resetting to the default values 

Setting the temperatures

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

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

  **Nominal temperature:**
Room temperature during room occupancy times (basic setting).

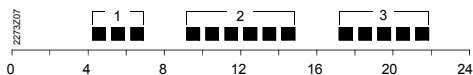
  **Reduced temperature:**
Room temperature during absence or in the night


Heating program

With the heating program, the temperature changeover times can be pre-determined for one week.

The seven-day program consists of a seven-day block (1-7) in which every day uses the same 24-hour program, or single days (1...7) with seven individual 24-hour programs (1 = Monday...7 = Sunday). Each 24-hour program offers three heating periods each of which is defined by a start and an end time.

If you do not use a heating period, let the start and the end times coincide.



 Select the respective day for the heating period. You have the choice of the seven-day block (1-7) and of individual days (1...7) (1 = Monday... 7 = Sunday)

 Start of period 1: Heating to the nominal temperature

 End of period 1: Heating to the reduced temperature


 Start of period 2: Heating to the nominal temperature


 End of period 2: Heating to the reduced temperature



 Start of period 3: Heating to the nominal temperature

 End of period 3: Heating to the reduced temperature

Setting the time of day


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



 For setting the current minute

Press buttons  and , to set the current time of day. Continuous pressing accelerates the display.

If a central unit is used, the room unit's clock will be synchronized with the system's clock and the setting on the room unit locked (display OFF).




Set day values


 Display of the set day values of all connected meters


Press buttons  and , to select the required meter, which the display shows as a symbol.

The set day (billing day) is entered by the heating engineer. On that day, the system updates the set day values.

Holiday function





 For entering the number of days during which you will be absent. The holiday function will be activated by closing the unit cover. The display shows the holiday symbol , the symbol for standby , the day of switching on, on the left (1 = Monday... 7 = Sunday) and the number of days of the holiday period.

 During the holiday period, the room unit is in the standby mode

 On completion of the number of days entered, the room unit will switch to the automatic mode

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




Default values

 To retrieve the default values, press buttons  and  simultaneously for at least 3 seconds. As a confirmation, the display will show .






Caution:


In that case, the following line numbers that have previously been entered will be lost:

- Temperature and time program  to 
- Duration of the holiday period 

Detection of airing

In operating mode , the room unit detects airing if the room temperature falls suddenly.

In that case, the heating will temporarily be switched to standby  and symbol  appears.

The room unit returns to operating mode  when:

- The room temperature rises again
- The operating mode changes
- 45 minutes have elapsed


Central unit

If a central unit is used, the room unit may be affected in the following way:

- Limitation of settings
- Central night setback
- Clock setting locked

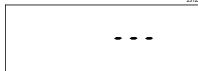
Status displays

Display:




- Clock setting locked, time of day centrally preset
- Programming lock active (to be set by the heating engineer)

Display:



- Room unit faulty

Display:



- External contact active. Do not press operating mode and presence button