AURATON Pavo

Instruction manual version 20201130
The document contains information on the safety, installation, and use of the AURATON Pavo.

Weekly, wired thermostat

AURATON Pavo is a weekly, wired thermostat designed to work with a gas or electric heating device.

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ST UV	**8 independent temperatures per day** AURATON Pavo allows you to set up to eight independent temperatures per day with an accuracy of one minute. The user can choose time intervals for different temperatures depending on his/her requirements.
	Calibration of temperature indications (offset) It allows temperature adjustment with a tolerance of ±3°C.
LCD	**Backlit LCD display** Due to a backlit display, we can monitor the operation of the device even in a poorly lit room (3 backlight colours to choose from).

Description of the AURATON Pavo

weekly, wired thermostat

On the right side of the front part of AURATON Pavo you will find a sliding cover. Slide it open to see the buttons. The cover can be removed for battery replacement.
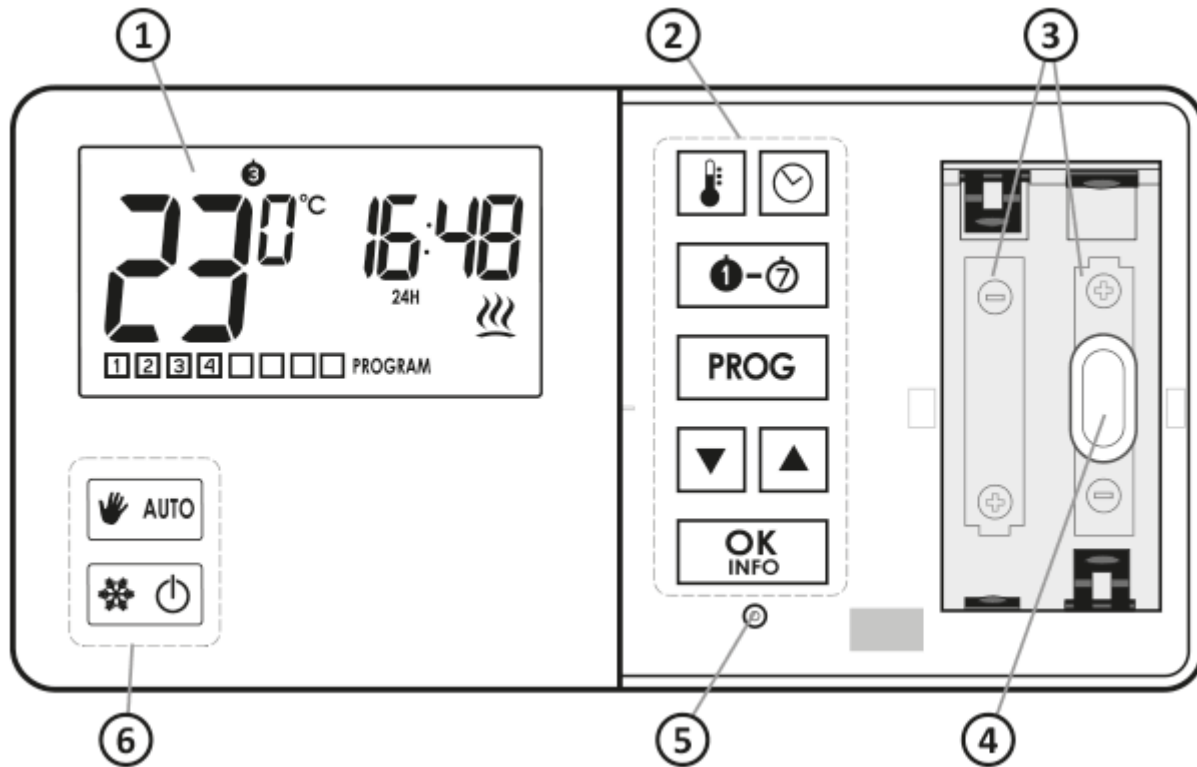
1. LCD display
2. Programming buttons
3. Place for 2 batteries (AA LR6 1.5 V)
4. Mounting hole
5. RESET button
6. Operating mode selection buttons

Display
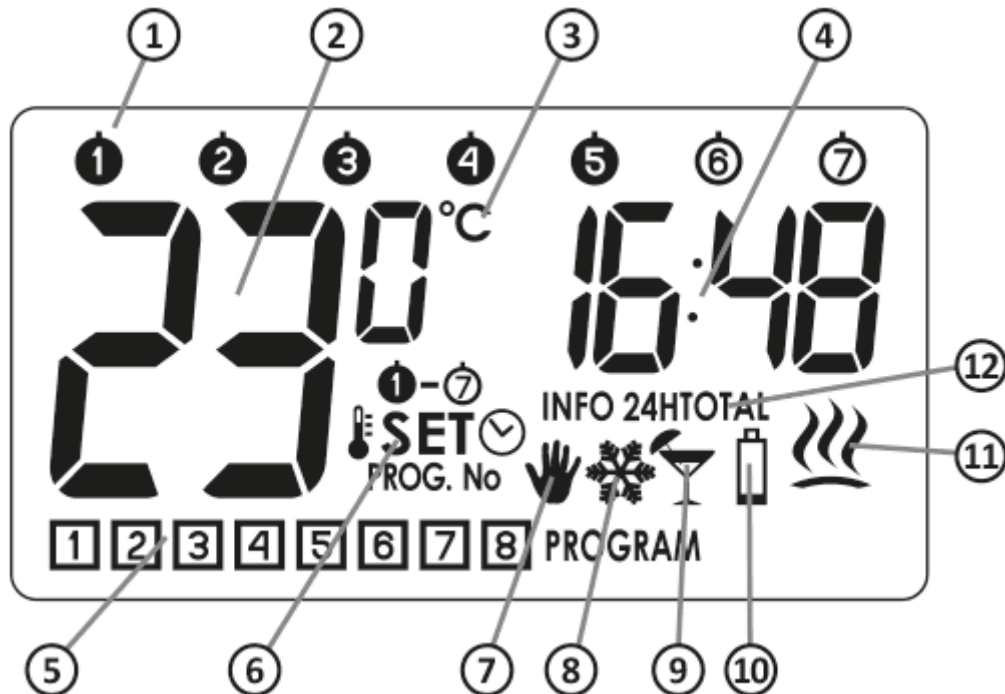
1. **Day of the week** (8) – Indicates what day of the week it is. Each day is assigned a number.
2. **Temperature** – AURATON Pavo displays the temperature of the room in which it is installed in normal operation mode.
3. **Temperature unit** – Tells you that the temperature is displayed in Celsius degrees (°C).
4. **Clock**
   Time is displayed in a 24-hour system.

5. **Program number** (9)

   It shows the total number of stored user-defined programs.

6. **Setting mode indicator (V)**

   The word V appears on the display when the user changes one of the following settings of AURATON Pavo:

W	– temperature
y	– time
x	– day of the week

z   – program

7. **Manual control indicator (V)**

   It indicates the operation of AURATON Pavo in manual mode

8. **Anti-freeze mode indicator (U)**

   It indicates the operation of AURATON Pavo in anti-freeze mode.

9. **Holiday mode indicator (Z)**

   It indicates that AURATON Pavo operates in holiday mode.
   (see chapters: 'Temperature programming' and 'Holiday mode').

10. **Low battery (X)**

    The indicator is visible when the minimum permissible battery voltage level is exceeded. The batteries need to be replaced as soon as possible.

    > **IMPORTANT:**
    > **In order to maintain any programmed parameters, the battery replacement operation should not exceed 30 seconds.**

11. **AURATON Pavo power-on symbol (Y)**

    The segment showing the working status of the device. Visible when the controlled device is switched on.

12. **Information about the work of AURATON Pavo (S):**
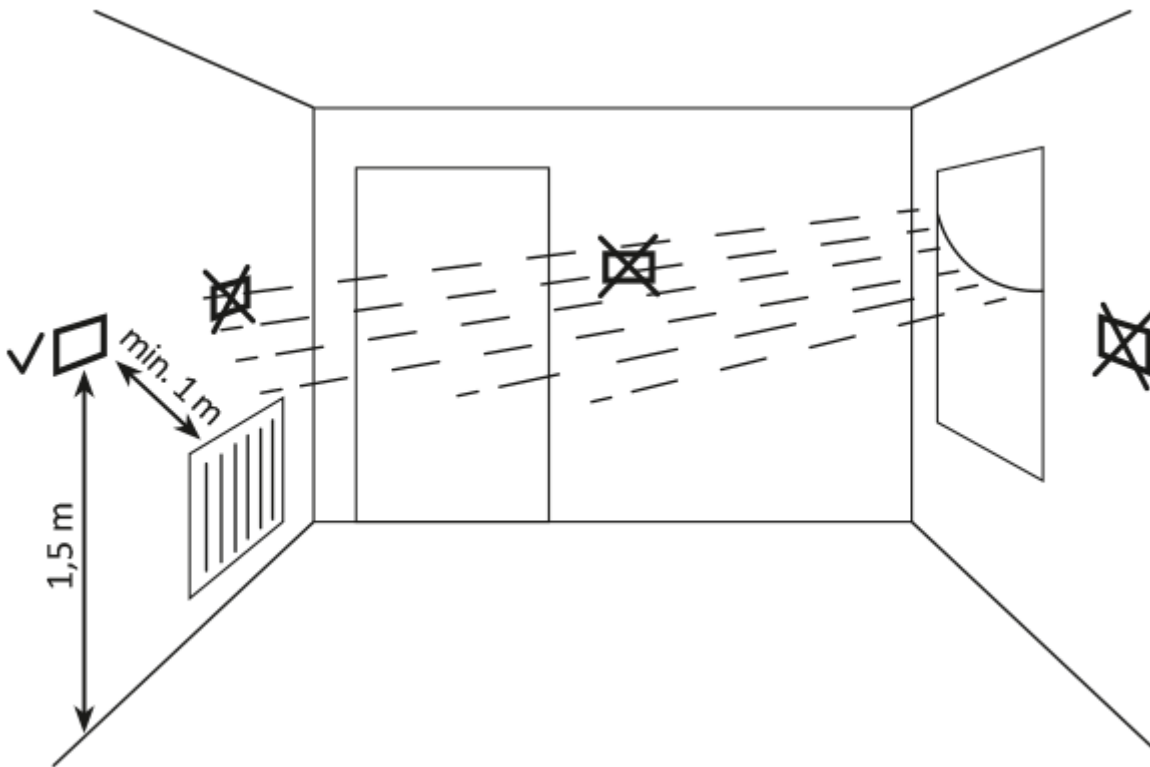
S	– current program settings
t	– relay operation time during the last 24 hours
u	– total operation time of the relay since the start of AURATON Pavo

    > NOTE:
    >
    > The 'RESET' function of AURATON Pavo resets both time meters to zero (t, u)

Choosing the right location for AURATON Pavo

The correct operation of AURATON Pavo is largely influenced by its location. Using the device in a place with no air circulation or a place with direct sunlight may result in incorrect temperature control. AURATON Pavo should be installed on the internal wall of a building (a partition wall), in an environment with free air circulation. You should avoid proximity to heat-emitting devices (TV, heaters, refrigerators) or locations exposed to direct sunlight. The vicinity of doors and exposing AURATON Pavo to possible vibrations may also cause problems with proper operation of the device.

Connecting cables to AURATON Pavo

The terminals are located on the back of AURATON Pavo. It is a typical single-pole double-throw relay. In most cases, the NC terminal is not used.
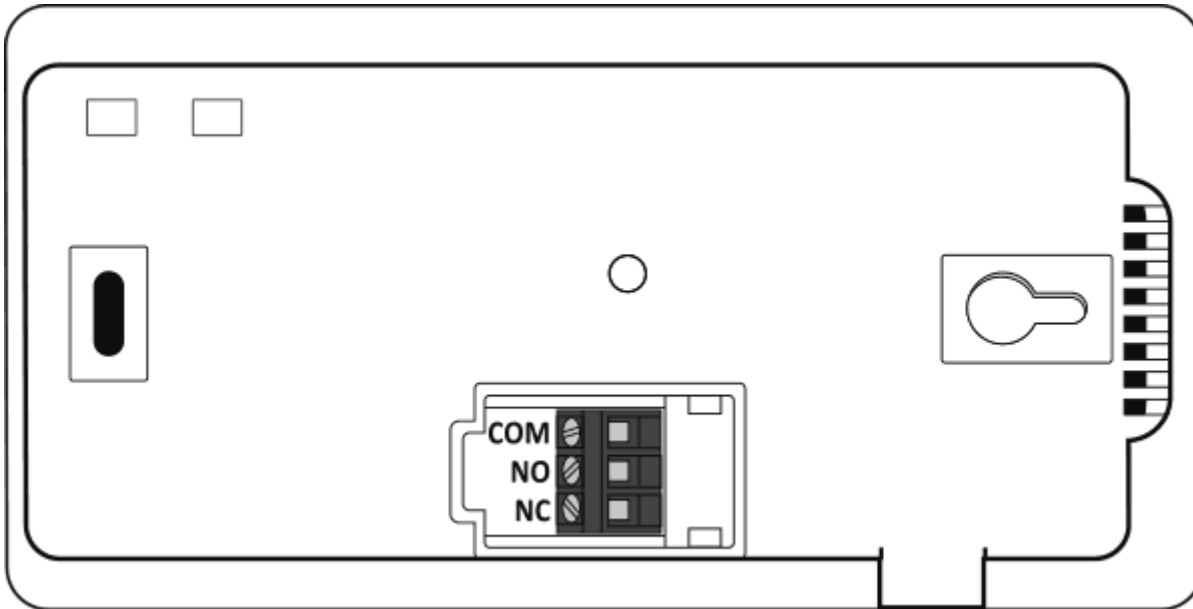
Battery replacement

X

If the low battery symbol (X) appears on the display, it means that the battery level has fallen to the minimum allowable level. Replace the batteries as soon as possible.

IMPORTANT:
In order to maintain any programmed parameters, the battery replacement operation should not exceed 30 seconds.
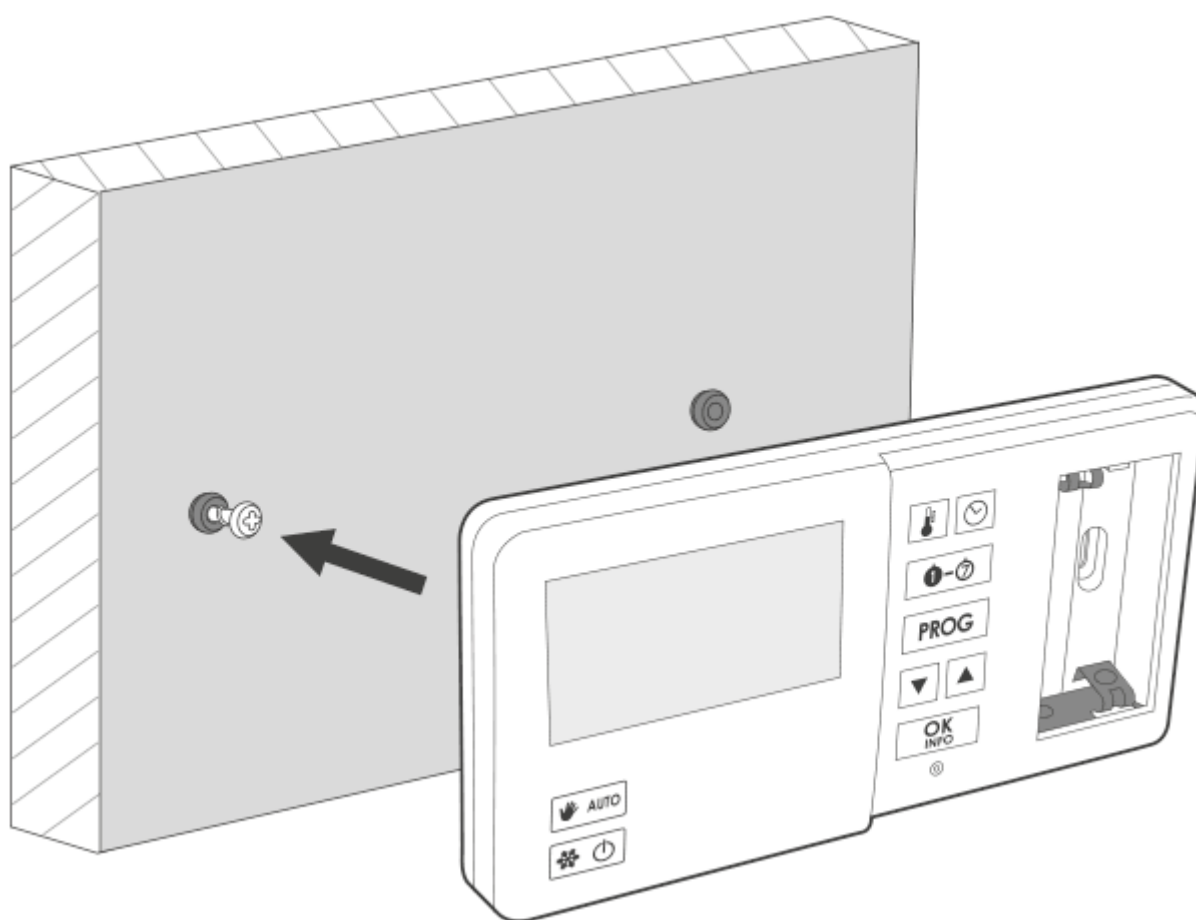
NOTE:
We recommend using alkaline batteries to power AURATON thermostats. Do not use "rechargeable batteries" because their rated voltage is too low.

Mounting AURATON Pavo – the weekly, wired thermostat

In order to mount AURATON Pavo on the wall:

1. Drill two holes 6 mm in diameter in the wall (mark the hole spacing using the template attached to the manual).
2. Insert the wall plugs (included).
3. Tighten the left screw with a 3 mm clearance.
4. Place AURATON Pavo through the screw head and slide to the right (note the keyhole-like opening on the rear cover of AURATON Pavo).

5. Tighten up the right screw so that it holds AURATON Pavo mounted securely.
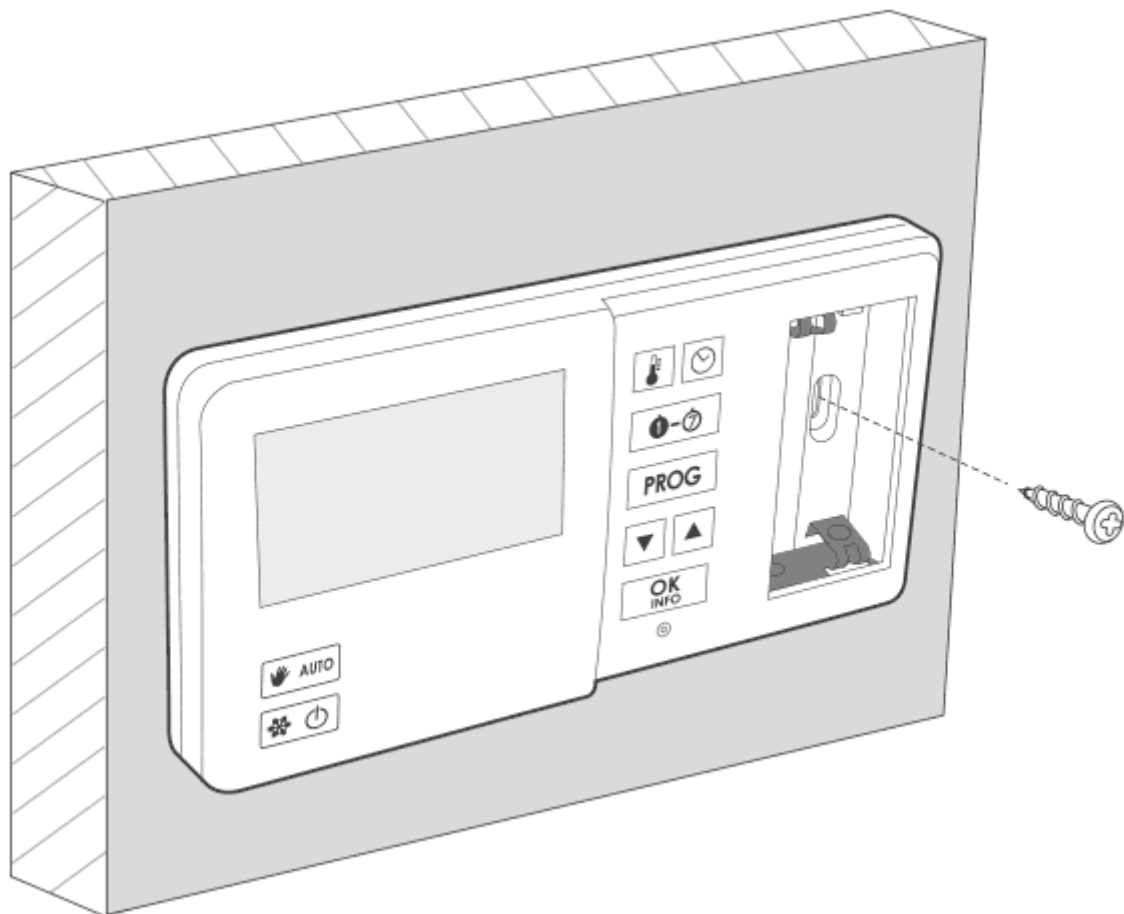
> NOTE:
>
> **In the case of a wooden wall, there is no need to use wall plugs. It is enough to drill holes with a diameter of 2.7 mm (instead of 6 mm) and screw the screws directly into the wood.**

Turning AURATON Pavo on for the first time

After inserting the batteries correctly into the battery compartment, the LCD screen will display all the segments for a second (display test) and then the software version number.
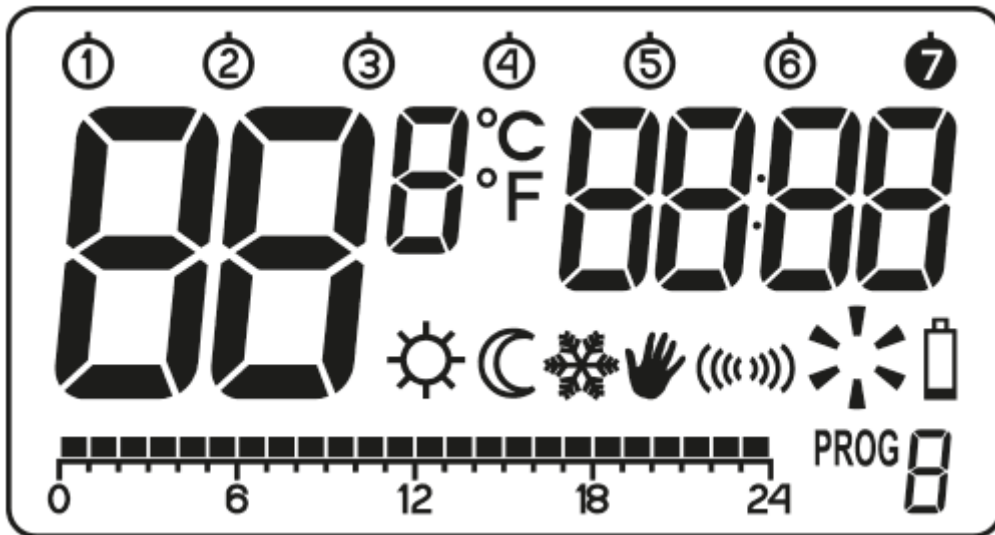
After a while, AURATON Pavo will automatically go to the hour setting. An item flashing on the screen indicates that it is currently in editing mode. Use the bc buttons to set the desired hour and confirm the setting with the j button.

AURATON Pavo will go to the minute setting. Use the bc buttons again to set the desired minute value and confirm the setting by pressing the j button.

A flashing day of the week symbol appears in the upper left corner. Use the bc buttons to set the desired day and confirm the selection with the j. button. AURATON Pavo will enter its normal operating mode.

1 – Monday
2 – Tuesday
3 – Wednseday
4 – Thursday
5 – Friday
6 – Saturday
7 – Sunday

Setting the clock

To set the clock:

1. Press and hold the m button until the display shows the icon indicating that the thermostat has entered the y, time setting mode and the hour segment starts flashing.

2. Use the bc buttons to set the correct hour.
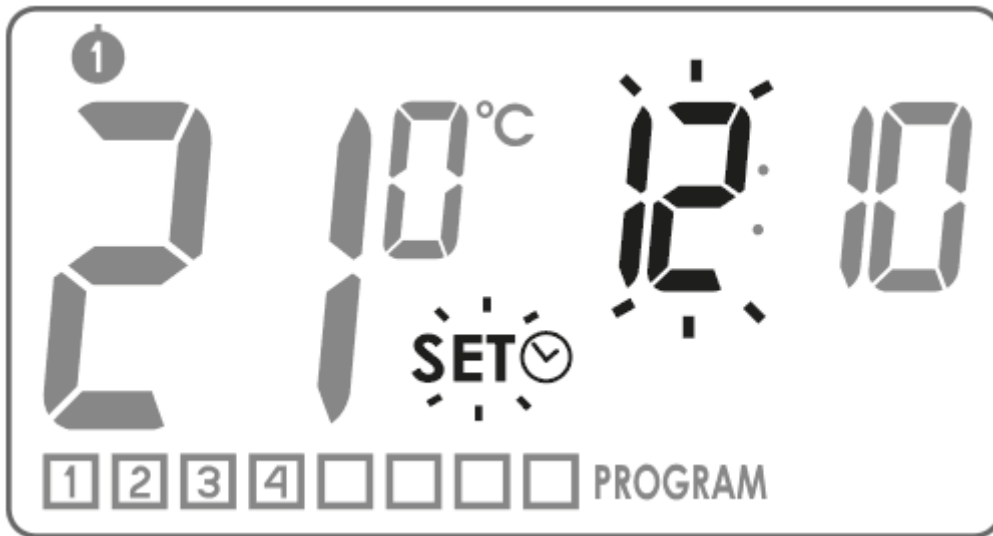
3. Press the j or m button. The minute segment starts flashing. Use the bc buttons to set the desired minute value.

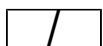4. Confirm the setting with the j or m button.

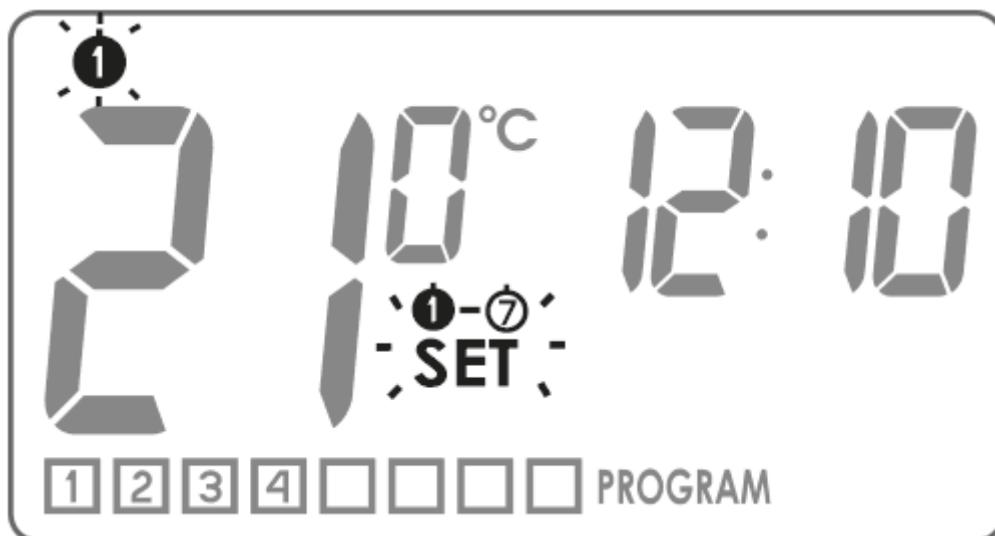**Selecting the day of the week**

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To set the day of the week:

1. Press the

   ☐/☐

   button. One of the digits symbolising the relevant day of the week X, will start flashing on the display.

2. Use the bc buttons to select the correct day of the week.

3. Confirm the above settings with the j or m.

LO HI temperature

If the ambient temperature is below 5°C, the display will show **„LO”.**

If the ambient temperature is above 35°C, the display will show **„HI”.**

Programming

The AURATON Pavo memory stores up to eight weekday programs, eight Saturday programs and the same number of Sunday programs. This allows exceptionally precise planning of the temperature in the building depending on the time of day.

Factory programs (to be modified)

1 2 3 4 5

weekdays
prog.
start
time
temperature
1

2

3

4
6:00
8:30
15:00
23:00
21 °C
20 °C
21 °C
19 °C

6

saturdays
prog.
start
time
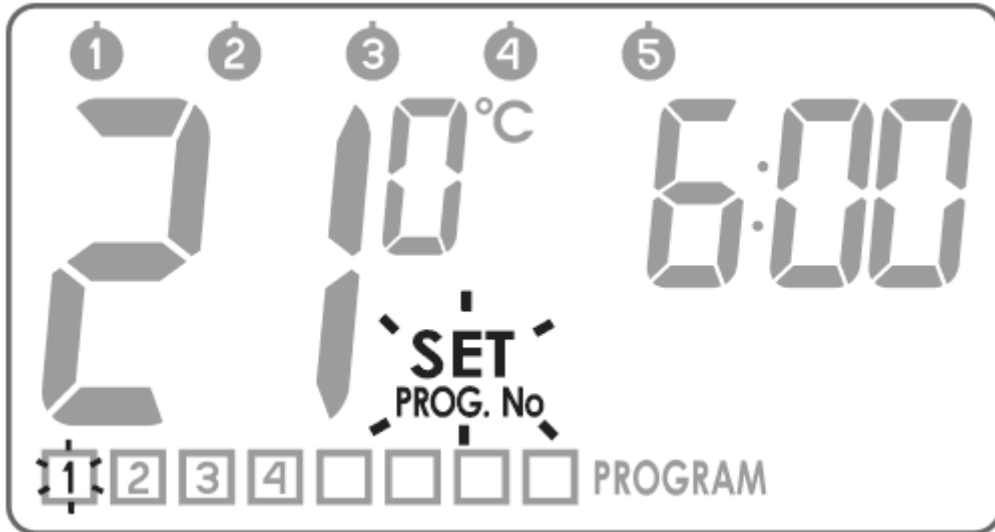temperature
1

2
6:00
23:00
21 °C
19 °C

7

sundays
prog.
start
time
temperature
1

2
6:00
23:00
21 °C
19 °C

To start programming:

Press and hold the ⱨ button until the z segment starts flashing on the display.

1. Program selection

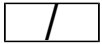Use the bc buttons to select the desired program number 9, to be assigned the following parameters:
– the temperature to be controlled,
– the day of the week on which it is to operate,
– the start **time**.

For a program not yet set, dashes are displayed in the temperature and hour segments.
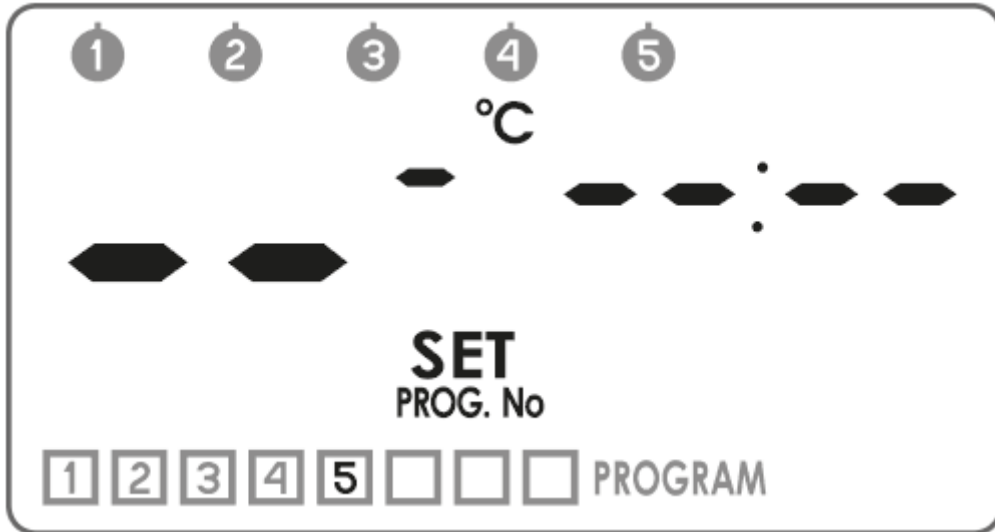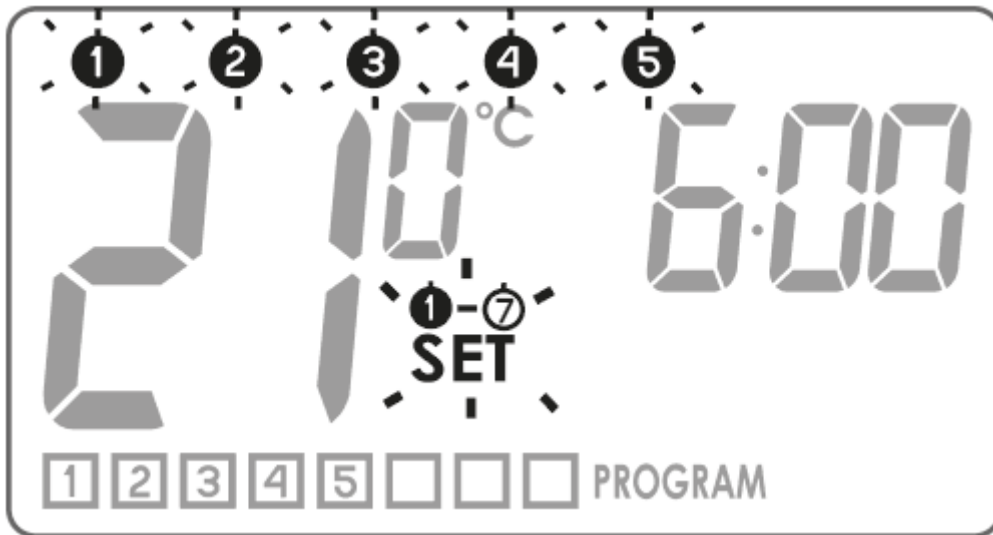
2. Assigning a day to the program

Press the

button to select the days to be assigned to the program. The day of the week segment will start flashing in the top part of the display. Using the bc buttons, you can assign the program to:
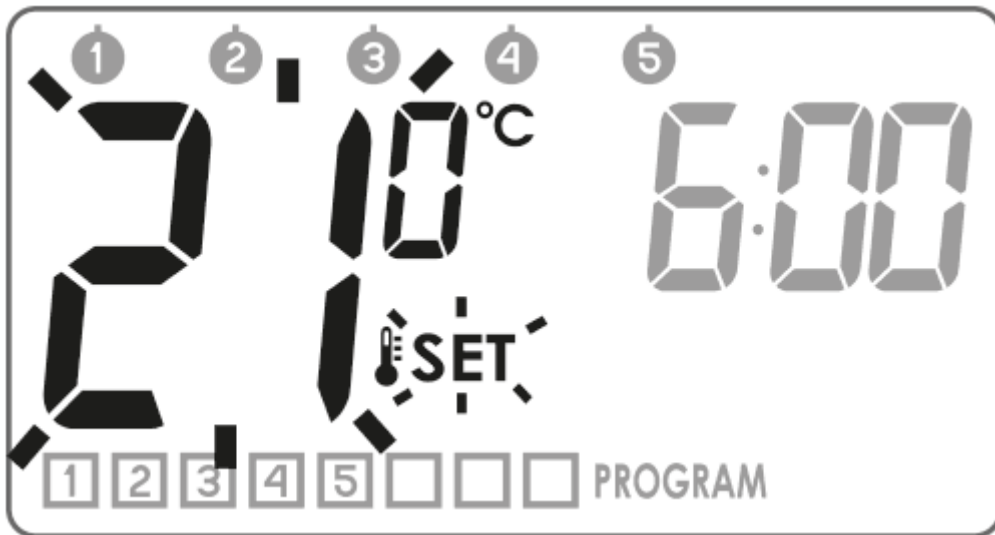
12345 – weekdays

6 – Saturdays

7 – Sundays

Confirm the selection with the j button. The Z segment and the program number being edited will start flashing again on the display.

3. Assigning temperature to the program

Press the n button to assign a temperature to the program. The temperature setting segment will start flashing on the display W. Use the bc buttons to set the desired temperature.
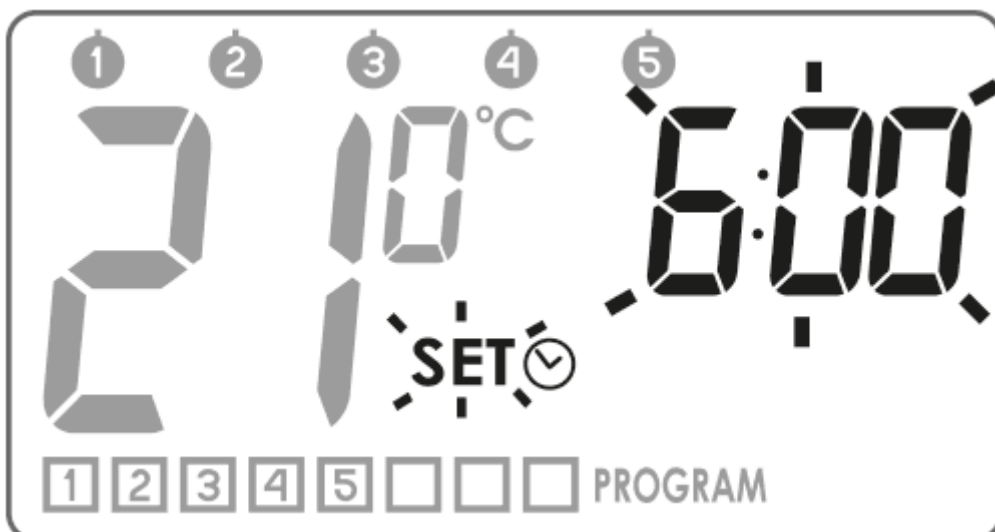
Confirm the selection with the j button.segment and the program number being edited Z will start flashing again on the display.

4. Assigning the start time to the program

Press the m button. The hour segment will start flashing on the display. y. Use the bc buttons to set the start time of the program.
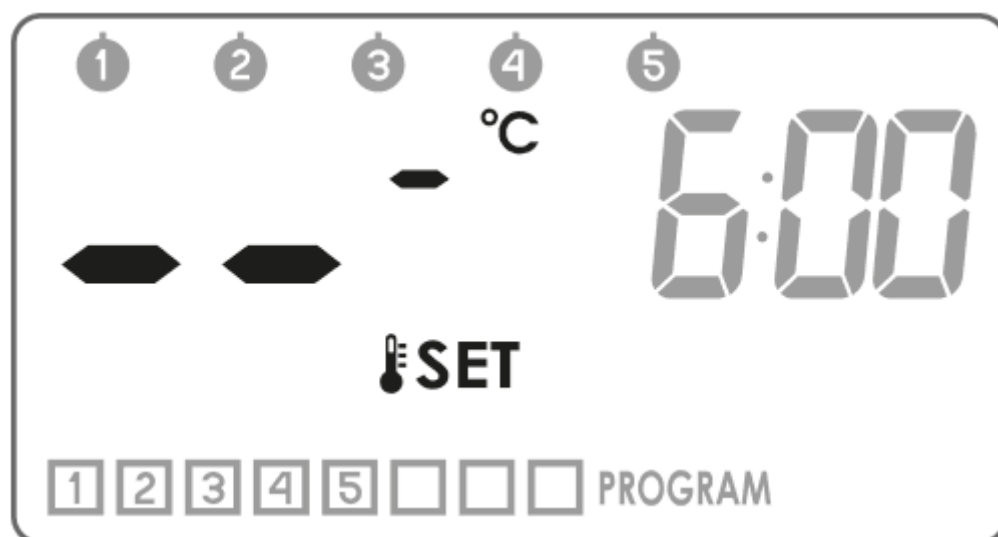
Confirm the selection with the j button. segment and the program number being edited will z start flashing again on the display.

Repeat the procedure for consecutive programs. Confirm the above settings with the ʝ button.

Deleting a program

To delete the program selected, set 'dashes' in the temperature field.

Notes:

1. Programs with the same numbers but assigned to different days may have completely different settings. For example, program 1 on Saturday can start at 8:00 and program 1 on Sunday can start at 10:00.

2. Days from 1 to 5 (Monday to Friday) have the same programs.

3. For the same day of the week, **the next edited program should start at least a minute later than the previous one.** Otherwise, AURATON Pavo will renumber the programs to preserve the chronology of the temperature settings.

4. For the selected day of the week, the temperature programming period must not exceed 24

hours – the last program can start no later than a minute before the first one.
5. If all programs are inactive, AURATON Pavo remains turned off.

Programming the manual, holiday and anti-freeze temperatures

AURATON Pavo allows you to programme 3 types of temperature:

- Manual temperature (V) – in the range of 5 to 30°C
- Holiday temperature (Z) – in the range of 5 to 30°C
- Anti-freeze temperature (U) – in the range of 4 to 10°C

To set one of the above temperatures:

1. Press and hold the n button until the temperature segment starts flashing W with the symbol of the type of temperature being edited.

2. Pressing the n button again will toggle between the types of temperature being edited.

3. Use the bc buttons to set the desired temperature value in the type of temperature being edited.

4. After setting all the types of temperature, confirm the settings with the j button.

Factory seting