USER MANUAL

Type OCC4/OCD4

English

Contents

Introduction

The thermostat can switch on your heating system at predetermined times on different days of the week. For each day of the week, you can set individual temperatures for 4 different periods, called events. Lowering the temperature when the home is unoccupied will reduce your energy costs without reducing comfort.

The thermostat comes with a default schedule suitable for most homes. Unless you change the settings, the thermostat will operate in compliance with the default schedule.

Furthermore, the thermostat features an adaptive function that automatically changes heating period start times so as to ensure that the required temperature is reached at the set time. After three days the adaptive function has learned when the heating must be switched on.
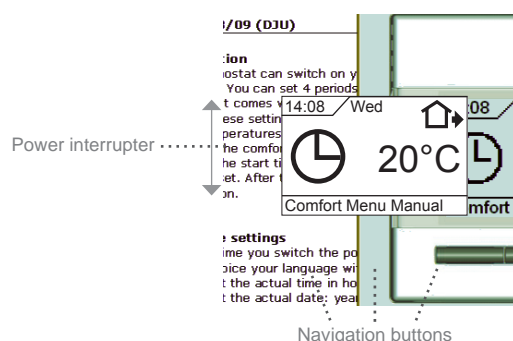
First time settings

The first time you switch the interrupter ON "**I**", language, time and date must be set. The menu will automatically guide you through the process.

- Choose your language with the Up and Down buttons and confirm with **OK**.

- Set the actual hour and press the **OK** button. Then set the minutes. Press **OK**.
- Set the actual date: year, month and day. Confirm the settings with the **OK** button.

The thermostat is now ready for use and will control your heating in accordance with the pre-programmed 4-event schedule, see **Factory settings**.

Power interrupter

Navigation buttons

General operation

The interrupter button allows you to turn the thermostat on "**I**" and off "**0**" by sliding the button up and down. When the thermostat is switched off "**0**", the relay disengages. All settings, including time and date, will be remembered.

The thermostat is intuitively operated using the navigation buttons. The function of each button is indicated above the button in the display.

Back

In various parts of the menus and submenus you will find the **Back** menu item.

Use **Back** to return to the last step.

Exit

Returns to initial dispay.

Operation mode

The thermostat features three different modes of temperature control:

Auto mode

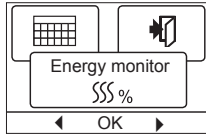⊘ Select Auto if you want the temperature to be controlled automatically via the 4-event schedule.

Manual mode

Select the required 4-event schedule and confirm with **OK**.
For instructions on programming the time and temperature for the 4-event schedule, see **4-event settings**.

Energy monitor
Allows you to view energy consumption for the past 2 days, 30 days or 365 days.
Press **OK** for the chosen period. The value in per cent (%) shows the relative amount of time the heating has been on. The following figure is the cost for the selected period. To ensure correct calculation, check the settings for currency, price per kWh and load.
Currency: Press **OK** and chose the required currency. Confirm with **OK**.
Cost/unit: Press **OK** and set the actual cost of electricity. The cost must be entered per kWh. Press **OK**.
Load: Press **OK** and enter the connected heating power. The value must be in watt (W). Press **OK**. Leave the menu by pressing **Exit**.
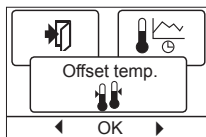
Engineer settings
The Engineer settings menu contains the following options:
- Offset temperature
- Adaptive function
- Application
- Temperature scale
- Language
- Factory reset
- Information

Offset temperature
If the actual measured temperature does not corresponding to the thermostat value, you can adjust the thermostat by offsetting the temperature.
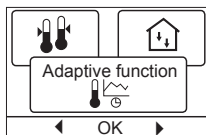Press **OK** and enter the value of the measured temperature. Confirm with **OK**.

Adaptive function
Ensures that the required temperature has already been reached when you get up in the morning or come home from work. After just a few days, the adaptive function will have automatically calculated when the heating must be turned on.
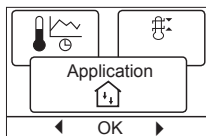Press **OK** and set the function to **On**. Confirm with **OK**.

Application
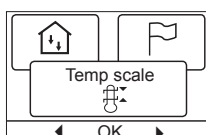Set the type of regulation used.
There are 3 options:
Floor reg. :   The thermostat regulates floor temperature only. A floor sensor must be connected.
Room reg. :   The thermostat regulates room temperature only.
Room/limit :   The thermostat regulates room temperature with min. and max. limits for floor temperature. A floor sensor must be connected.
Regulator :   The thermostat functions as a simple regulator and no sensors are used. The setting is a percentage.
Press **OK** and select the required application. Confirm with **OK**.

Temperature scale
Allows you to set the temperature range within which the thermostat can be set. It is then only possible to set a temperature within this range in auto, comfort and manual mode.
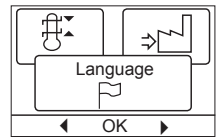
Press **OK** to highlight **Min** temperature. Use the up or down button to select the minimum permissible temperature. Press **OK** and select the maximum permissible temperature. Confirm the settings with **OK**.

Language
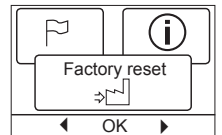Allows the language used on the display to be changed.
Press **OK** and select the required language. Confirm with **OK**.
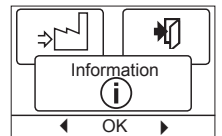
Factory reset
Allows factory settings to be restored. Your personal settings will be lost, see **Factory settings**.
Press **OK** and choose **Reset** in the menu. Confirm with **OK**.

Information
Displays the thermostat software version.

Back
In various parts of the menus and submenus you will find the **Back** menu item.
Use **Back** to return to the last step.

Exit
Returns to initial dispay.

Error messages
If a fault or error occurs, the thermostat will display an error code as follows:
E0: Internal failure. The thermostat is defective. Replace thermostat.
E1: Internal sensor defective or short-circuited.
E2: External sensor defective or short-circuited.
E5: Internal overheating. Inspect the installation.

Factory settings

Preset schedule

Day 1-5			
Event	**Time**	**With floor sensor**	**With room sensor**
Day	06:00-08:00	25°C	20°C
Out	08:00-16:00	20°C	15°C
Home	16:00-22:30	25°C	21°C
Night	22:30-06:00	20°C	15°C
Day 6-7			
Event	**Time**	**With floor sensor**	**With room sensor**
Day	08:00-23:00	25°C	21°C
Night	23:00-08:00	20°C	15°C

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