Operating instructions

for the system user

Room thermostat
Type UTDB-RF2

VITOTROL 100

5592 620 GB 4/2011

Please keep safe.

For your safety

Please follow these safety instructions closely to prevent accidents and material losses.

Safety instructions explained

Danger
This symbol warns against the risk of injury.

Please note
This symbol warns against the risk of material losses and environmental pollution.

Note
Details identified by the word "Note" contain additional information.

Target group

These operating instructions are for the heating system user.
This unit is **not** designed to be used by persons (including children) with limited bodily, sensory or mental capacities, or lacking experience and/or lacking knowledge, unless they are supervised by a person responsible for their safety, or have received instructions from such a person as to how to use the unit.

Please note
Children should be supervised. Ensure that children do not play with the unit.

Danger
Incorrectly executed work on the heating system can lead to life-threatening accidents.
- Work on gas appliances must only be carried out by a registered gas fitter.
- Work on electrical equipment must only be carried out by a qualified electrician.

If you smell gas

Danger
Escaping gas can lead to explosions which may result in serious injury.
- Do not smoke. Prevent naked flames and sparks. Never switch lights or electrical appliances ON or OFF.
- Close the gas shut-off valve.
- Open windows and doors.
- Remove all people from the danger zone.
- Notify your gas or electricity supplier and your heating contractor from outside the building.
- Shut off the electricity supply to the building from a safe place (outside the building).

5592 620 GB

For your safety (cont.)

If you smell flue gas

Danger
Flue gas can lead to life-threatening poisoning.
- Shut down the heating system.
- Ventilate the boiler room.
- Close all doors in the living space.

In case of fire

Danger
Fire creates the risk of burning and explosions.
- Shut down the heating system.
- Close the shut-off valves of the fuel lines.
- Use a tested fire extinguisher, class ABC.

Boiler room requirements

Please note
Incorrect ambient conditions can lead to damage to the heating system and put the safe operation at risk.
- Ensure ambient temperatures above 0 ºC and below 35 ºC.
- Prevent air contamination by halogenated hydrocarbons (e.g. as contained in paints, solvents or cleaning fluids) and excessive dust (e.g. through grinding/polishing work).
- Avoid continuously high humidity levels (e.g. through frequent drying of washing).
- Never close existing ventilation apertures.

Ancillary components, spare and wearing parts

Please note
Components that are not tested with the heating system may lead to damage to the heating system, or may affect their various functions.
Installation or replacement work must only be carried out by qualified personnel.

5592 620 GB

Index

Where to find the controls
Summary of controls and indicators ... 6
■ Opening the flap ... 6
■ Functions ... 7
■ Symbols on the display ... 7
■ Display backlighting ... 8
How to use the controls ... 8
■ Standard display ... 8
■ Lock out controls ... 9

Central heating
Selecting the operating mode ... 10
■ Heating mode ... 10
■ Frost protection mode ... 12
■ "Manual" (operation with constant room temperature) ... 12
Setting a permanent room temperature ... 13
■ Setting an individual time program ... 13
Changing the room temperature for a few days only ... 15
■ Setting the holiday program ... 15
Changing the room temperature for a few hours only ... 16
■ Making changes with keys ▼/▲ ... 16
■ Setting party mode ... 16
■ Setting economy mode ... 17

DHW heating
Starting and stopping DHW heating ... 18
Selecting the time program ... 18
■ Setting an individual time program ... 20

Further adjustments
Time and date ... 22
Summertime/wintertime ... 22
Selecting the language ... 22
Renaming programs ... 22
Temperature adjustment ... 23
Control characteristics ... 23

Scanning options
Scanning temperatures and further settings ... 25
Scanning time programs ... 25
■ Time program for central heating on the current day for "Prog 1" to "Prog 3" ... 25
Scanning holiday program (if programmed) ... 25

5592 620 GB

Index (cont.)

What to do if...
Rooms are too cold 26
Rooms are too hot 26
There is no hot water 26
flashes in the display 27
Changing the batteries 27
Changing the address code 29

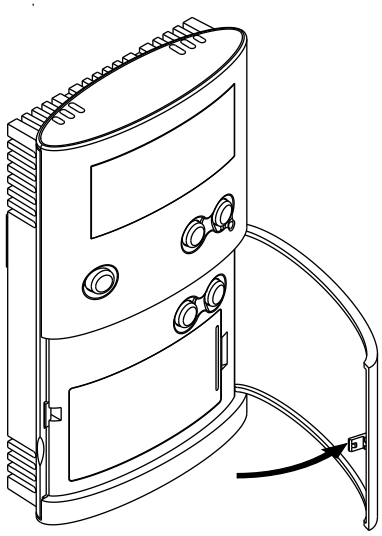
Appendix
Cleaning 30
Energy saving tips 30

Keyword index 31

5592 620 GB

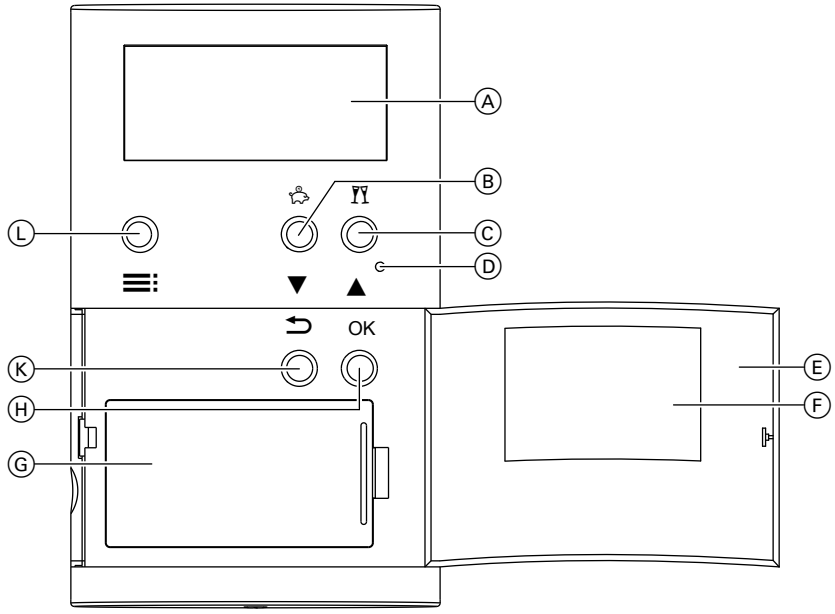
Summary of controls and indicators

Opening the flap



Summary of controls and indicators (cont.)

Functions



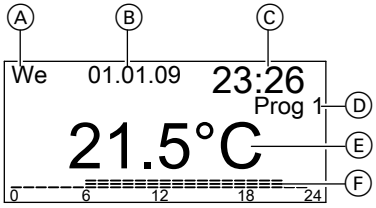
Ⓐ Display
Ⓑ Economy mode (page 17)
or
Change adjustable values ▼
Ⓒ Party mode (page 16)
or
Change adjustable values ▲
Ⓓ Reset
Ⓔ Open flap
Ⓕ Type plate
Ⓖ Battery compartment
Ⓗ Confirmation
Ⓚ 1 step back in the menu
Ⓛ Calling up menu

Symbols on the display

These symbols are not always displayed, but appear subject to the operating condition.

5592 620 GB

Summary of controls and indicators (cont.)



Ⓐ Weekday
Ⓑ Date
Ⓒ Time
Ⓓ Selected time program
Ⓔ Current room temperature
Ⓕ Time program shown as time slot graphic

Heat demand for central heating
Heat demand for DHW heating
Party mode enabled
Economy mode enabled
Manual mode enabled
Holiday program enabled
Frost protection mode enabled
Changing the batteries
Controls locked out

Display backlighting

The backlighting of the display is activated by pressing any key and goes out 15 s after the last key was pressed.

How to use the controls

Standard display

When idle, the display always shows the current room temperature.

- Pressing any key takes you to the operating display.
- Pressing ☰ twice takes you to the menu.
- ⮌ takes you back one step in the menu.
- The menu will automatically close 30 s after the last key was pressed. The standard display will be shown 3 min later.
  Any changes are accepted with **OK**.
  Temperature changes made with keys ▲/▼ are accepted automatically after 5 s.

5592 620 GB

How to use the controls (cont.)

Lock out controls

You can lock the control keys of the Vitotrol 100. To do this, press ▲ and ▼ simultaneously for 5 s. To unlock the keys, press ▲ and ▼ simultaneously again for 5 s.

5592 620 GB

Selecting the operating mode

You can select between the following operating modes:

- Heating mode
  In this operating mode, there are three preset programs available to you (**"Prog 1"** to **"Prog 3"**) (see next chapter).
  Heating alternates with standard room temperature (**"Comfort"**) and two reduced room temperatures (**"Eco"** and **"Reduced"**).
- **"Frost pr."**: Frost protection operation (see page 12)
- **"Manual"**: Operation with a constant room temperature (see page 12)

Heating mode

You can choose from three preset time programs (**"Prog 1"** to **"Prog 3"**).

Note
You can change the time programs in accordance with your individual requirements (see page 13).

In the time programs, you can change between three temperature values:

- **"Comfort"** (delivered condition: 21 °C)
- **"Eco"** (delivered condition: 19 °C)
- **"Reduced"** (delivered condition: 16 °C)

Preset time programs

Time program 1 – Prog 1

Monday to Friday

Time phase	Start	End	Room temperature
1	06:00	08:00	Comfort
2	08:00	12:00	Comfort
3	12:00	14:00	Comfort
4	14:00	18:00	Comfort
5	18:00	22:00	Comfort
6	22:00	06:00	Reduced

Note
You can change the temperatures in accordance with your individual requirements (see page 13).

1. Open the flap.
2. Press ☰ **twice**.
3. Select the required program with ▼/▲ (e.g. **"Prog 1"**).
4. Confirm with **OK**.
   Heating mode proceeds according to the selected time program.

Selecting the operating mode (cont.)

Saturday and Sunday

Time phase	Start	End	Room temperature
1	07:00	08:00	Comfort
2	08:00	12:00	Comfort
3	12:00	14:00	Comfort
4	14:00	16:00	Comfort
5	16:00	23:00	Comfort
6	23:00	07:00	Reduced

Time program 2 – Prog 2

Monday to Friday

Time phase	Start	End	Room temperature
1	06:00	08:00	Comfort
2	08:00	12:00	Reduced
3	12:00	14:00	Reduced
4	14:00	16:00	Reduced
5	16:00	22:00	Comfort
6	22:00	06:00	Reduced

Saturday and Sunday

Time phase	Start	End	Room temperature
1	07:00	08:00	Comfort
2	08:00	12:00	Comfort
3	12:00	14:00	Comfort
4	14:00	18:00	Comfort
5	18:00	23:00	Comfort
6	23:00	07:00	Reduced

Time program 3 – Prog 3

Monday to Friday

Time phase	Start	End	Room temperature
1	06:00	08:00	Comfort
2	08:00	12:00	Eco
3	12:00	14:00	Comfort
4	14:00	18:00	Eco
5	18:00	23:00	Comfort
6	23:00	06:00	Reduced

Selecting the operating mode (cont.)

Saturday and Sunday

Time phase	Start	End	Room temperature
1	07:00	08:00	Comfort
2	08:00	12:00	Comfort
3	12:00	14:00	Comfort
4	14:00	18:00	Comfort
5	18:00	23:00	Comfort
6	23:00	07:00	Reduced

Frost protection mode

If you do not want to heat the rooms but would like to have frost protection. Central heating starts if the room temperature falls below 5 °C.

Note
*DHW heating is **OFF**.*

1. Open the flap.
2. Press ☰ **twice**.
3. Select **"Frost pr."** with ▼/▲.
4. Confirm with **OK**.
   The display shows ❄, then reverts to the current room temperature.

"Manual" (operation with constant room temperature)

Central heating operates **constantly** with the selected temperature.

1. Open the flap.
2. Press ☰ **twice**.
3. Select **"Manual"** with ▼/▲.
4. Confirm **twice** with **OK**.

   Note
   At this point, you can also start or stop DHW heating during this operating mode (see chapter "DHW heating").

5. Set the required room temperature with ▼/▲ (at least 10 °C).
6. Confirm with **OK**.
   The display shows ✋, then reverts to the current room temperature.

5592 620 GB

Setting a permanent room temperature

You can select the following temperatures:

- Room temperature **"Comfort"** (standard room temperature)
  Setting in the delivered condition: 21 °C
  Setting range: 10 to 40 °C
- Room temperature **"Eco"**
  Setting in the delivered condition: 19 °C
  Setting range: 10 to 40 °C
- Reduced room temperature **"Reduced"**
  Setting in the delivered condition: 16 °C
  Setting range: 10 to 40 °C

1. Open the flap.
2. Press ☰ **twice**.
3. Select **"Settings"** with ▼/▲.
4. Confirm with **OK**.
5. Select **"Tmp settings"** with ▼/▲.
6. Confirm with **OK**.
7. Set the required temperature for **"Comfort"** with ▼/▲.
8. Confirm with **OK**.
9. Set the required temperature for **"Eco"** with ▼/▲.
10. Confirm with **OK**.
11. Set the required temperature for **"Reduced"** with ▼/▲.
12. Confirm with **OK**.

Setting an individual time program

Setting time phases

In the preset time programs **"Prog 1"** to **"Prog 3"**, the day is split into 6 time phases.

However, you can also split the day into less than six time phases:

- For time phase 1, always select **"Time ph. 1"**.
  and
- For the last time phase, always select **"Time ph. 6"**.

Example:
In **"Prog. 3"**, you only want to enable three time phases. **"Comfort"** from 06:00 h to 10:00 h; **"Eco"** from 10:00 h to 22:00 h; and **"Reduced"** from 22:00 h to 06:00 h.
Select **"Time ph. 1"**, **"Time ph. 2"** and **"Time ph. 6"**.
Time phases 3, 4 and 5 are automatically disabled.

For every enabled time phase, the following must be entered:

- Start time
- Stop time
- Temperature (**"Comfort"**, **"Eco"**, **"Reduced"**)

Setting a permanent room temperature (cont.)

You can select time phases for several days (day groups) or for individual days:
- **"MO–SU"** for the same time phases every day of the week
- **"MO–FR"** for the same time phases Monday to Friday
- **"SA–SU"** for the same time phases on Saturday and Sunday
- **"SINGLE DAY"** different time phases for single days

Note
Settings for individual days take priority over settings for several days.

1. Open the flap.
2. Press ☰ **twice**.
3. Select **"Settings"** with ▼/▲.
4. Confirm with **OK**.
5. Select **"Programs"** with ▼/▲.
6. Confirm with **OK**.
7. With ▼/▲ select the program you want to change (e.g. **"Prog 1"**).
8. Confirm with **OK**.
9. With ▼/▲ select **"Heating circuit"**.
10. Confirm with **OK**.
11. Select **"Set"** with ▼/▲.
12. Confirm with **OK**.
13. Select the required group of days/ individual day with ▼/▲.
14. Confirm with **OK**.
15. Select the required time phase or first the required day with ▼/▲.
16. Confirm with **OK**.
17. With ▼/▲ set the required start time, stop time and the temperature, one after the other (e.g.**"Reduced"**).
18. Confirm respectively with **OK**.
19. Proceed as described in points 15 to 18 to set further time phases.

Note
Should gaps be created between the time phases, these are closed automatically by an extension to the previous time phase.

Disabling time phases

To disable a time phase, set the same value for the start and stop times.

Copying a time program

You can copy time programs, for example to make a new time program from another where only minor changes are required.

1. Open the flap.
2. Press ☰ **twice**.
3. Select **"Settings"** with ▼/▲.
4. Confirm with **OK**.
5. Select **"Programs"** with ▼/▲.

5592 620 GB

Setting a permanent room temperature (cont.)

6. Confirm with **OK**.
7. With ▼/▲ select the program you want to change (e.g. **"Prog 1"**).
8. Confirm with **OK**.
9. With ▼/▲ select **"Heating circuit"**.
10. Confirm with **OK**.
11. Select **"Copy from"** with ▼/▲.
12. Confirm with **OK**.
13. Select the program you want to copy with ▼/▲.
14. Confirm with **OK**.
15. Select **"Set"** with ▼/▲ to make the changes.

Changing the room temperature for a few days only

Setting the holiday program

For when you are away, the following energy saving options are available:

- You can shut the central heating down completely by selecting frost protection mode **"Frost pr."** (see page 12).
  or
- You can set central heating to minimum energy consumption (e.g. to prevent your house plants from being damaged by the cold). To do so, select the holiday program "🧳".
  When the holiday program is enabled, the rooms are heated with the reduced room temperature (**"Reduced"**).
  During the holiday program, you can change the reduced room temperature to suit your requirements (see page 13).

Note
*DHW heating is **OFF**.*

1. Open the flap.
2. Press ☰ **twice**.
3. Select **"Holiday"** with ▼/▲.
4. Confirm with **OK**.
5. Select **"ON"** with ▼/▲.
6. Confirm with **OK**.
7. With ▼/▲ select the required day and time for start and end of the holiday program.
8. Confirm respectively with **OK**.

Terminating the holiday program

- The holiday program terminates automatically when the end time has been reached
- If you want to delete the holiday program early:

1. Open the flap.

Changing the room temperature for a few days… (cont.)

2. Press ☰ **twice**.
3. Select **"Holiday"** with ▼/▲.
4. Confirm with **OK**.
5. Select **"OFF"** with ▼/▲.

Changing the room temperature for a few hours only

You can change the room temperature for a few hours without permanently altering the settings.
The modified temperature remains enabled until the next changeover within a program or until the next program change.

If you want to **raise** the room temperature unexpectedly:
- In programs **"Prog 1"** to **"Prog 3"** and **"Manual"**, increase the room temperature with ▲ (see next chapter).
  or
- Press 🍸 to select party mode (only in programs **"Prog 1"** to **"Prog 3"**; see page 16).

If you want to **lower** the room temperature unexpectedly:
- In programs **"Prog 1"** to **"Prog 3"** and **"Manual"**, press ▼ to reduce the room temperature (see next chapter)
  or
- Press 🐷 to select economy mode (only in programs **"Prog 1"** to **"Prog 3"**); see page 17).

Making changes with keys ▼/▲

1. Press ▼/▲.
   The current set temperature will be displayed.
2. Set the required temperature with ▼/▲.
3. The value is accepted automatically after approx. 5 s.

Setting party mode

In party mode, the room temperature is increased automatically to 21 °C.
During party mode, you can change the room temperature to suit your requirements.

Note
*DHW heating is **ON**.*

1. Press 🍸 for approx. 5 s.
   The display shows 🍸.

5592 620 GB

Changing the room temperature for a few hours… (cont.)

2. You can change the temperature with ▼/▲.

3. The value is accepted automatically after approx. 5 s.

Setting economy mode

In economy mode, the current room temperature is reduced automatically by 2 °C.
You can also set economy mode during reduced mode **"Eco"** and **"Reduced"**. The lowest room temperature in economy mode is 10 °C.

Note
*DHW heating is **OFF**.*

1. Press for approx. 5 s.
   The display shows .

2. With ▼/▲ you can also change the temperature.

3. The value is accepted automatically after approx. 5 s.

Terminating economy mode
- Economy mode ends automatically the next time the heating program changes over
- If you want to terminate economy mode early, press again for approx. 5 s.

Terminating party mode
- Party mode ends automatically the next time the program changes over.
- If you want to terminate party mode early, press again for approx. 5 s.

Starting and stopping DHW heating

1. Open the flap.
2. Press ☰ **twice**.
3. Select **"Manual"** with ▼/▲.
4. Confirm with **OK**.
5. With ▼/▲, select **"ON"** or **"OFF"** for **"DHW"**.
6. Confirm with **OK**.

Selecting the time program

You can choose between three preset time programs. They are saved in the programs**" Prog 1"** to **"Prog 3"** (see page 10).
In the time programs, there is a change-over between operating modes **"Enable"** and **"Block"**.

Note
You can change the time programs in accordance with your individual requirements (see page 20).

Preset time programs

Time program 1 – Prog 1

Monday to Friday

Time phase	Start	End	Operating mode
1	05:30	08:00	Enable
2	08:00	12:00	Enable
3	12:00	14:00	Enable
4	14:00	18:00	Enable
5	18:00	22:00	Enable
6	22:00	05:30	Block

Saturday and Sunday

Time phase	Start	End	Operating mode
1	06:30	08:00	Enable
2	08:00	12:00	Enable
3	12:00	14:00	Enable
4	14:00	16:00	Enable
5	16:00	23:00	Enable
6	23:00	06:30	Block

Selecting the time program (cont.)

Time program 2 – Prog 2

Monday to Friday

Time phase	Start	End	Operating mode
1	05:30	08:00	Enable
2	08:00	12:00	Block
3	12:00	14:00	Block
4	14:00	15:30	Block
5	15:30	22:00	Enable
6	22:00	05:30	Block

Saturday and Sunday

Time phase	Start	End	Operating mode
1	06:30	08:00	Enable
2	08:00	12:00	Enable
3	12:00	14:00	Enable
4	14:00	18:00	Enable
5	18:00	23:00	Enable
6	23:00	06:30	Block

Time program 3 – Prog 3

Monday to Friday

Time phase	Start	End	Operating mode
1	05:30	08:00	Enable
2	08:00	12:00	Block
3	12:00	14:00	Block
4	14:00	15:30	Block
5	18:00	22:00	Enable
6	22:00	05:30	Block

Saturday and Sunday

Time phase	Start	End	Operating mode
1	06:30	08:00	Enable
2	08:00	12:00	Enable
3	12:00	14:00	Enable
4	14:00	18:00	Enable
5	18:00	23:00	Enable
6	23:00	06:30	Block

5592 620 GB

Selecting the time program (cont.)

Setting an individual time program

Setting time phases

In the preset time programs **"Prog 1"** to **"Prog 3"**, the day is split into 6 time phases.

For every enabled time phase, the following must be entered:
- Start time
- Stop time
- Operating modes **"Enable"**, **"Block"**

You can select time phases for several days (day groups) or for individual days:
- **"MO–SU"** for the same time phases every day of the week
- **"MO–FR"** for the same time phases Monday to Friday
- **"SA–SU"** for the same time phases on Saturday and Sunday
- **"SINGLE DAY"** different time phases for single days

Note
Settings for individual days take priority over settings for several days.

1. Open the flap.
2. Press ☰ **twice**.
3. Select **"Settings"** with ▼/▲.
4. Confirm with **OK**.
5. Select **"Programs"** with ▼/▲.
6. Confirm with **OK**.
7. With ▼/▲ select the program you want to change (e.g. **"Prog 1"**).
8. Confirm with **OK**.
9. With ▼/▲ select **"Domestic hot water"**.
10. Confirm with **OK**.
11. Select **"Set"** with ▼/▲.
12. Confirm with **OK**.
13. Select the required group of days/ individual day with ▼/▲.
14. Confirm with **OK**.
15. Select the required time phase or first the required day with ▼/▲.
16. Confirm with **OK**.
17. With ▼/▲ set the required start time, stop time and the operating mode, one after the other (e.g. **"Block"**).
18. Confirm respectively with **OK**.
19. Proceed as described in points 15 to 18 to set further time phases.

Note
Should gaps be created between the time phases, these are closed automatically by an extension to the previous time phase.

Selecting the time program (cont.)

Disabling time phases

To disable a time phase, set the same value for the start and stop times.

Copying a time program

You can copy time programs, for example to make a new time program from another where only minor changes are required.

1. Open the flap.
2. Press ☰ **twice**.
3. Select **"Settings"** with ▼/▲.
4. Confirm with **OK**.
5. Select **"Programs"** with ▼/▲.
6. Confirm with **OK**.
7. With ▼/▲ select the program you want to change (e.g. **"Prog 1"**).
8. Confirm with **OK**.
9. With ▼/▲ select **"Domestic hot water"**.
10. Confirm with **OK**.
11. Select **"Copy from"** with ▼/▲.
12. Confirm with **OK**.
13. Select the program you want to copy with ▼/▲.
14. Confirm with **OK**.
15. Select **"Set"** with ▼/▲ to make the changes.

5592 620 GB

Time and date

1. Open the flap.
2. Press ☰ **twice**.
3. Select **"Settings"** with ▼/▲.
4. Confirm with **OK**.
5. Select **"Standard settings"** with ▼/▲.
6. Confirm with **OK**.
7. Select **"Date - time"** with ▼/▲.
8. Confirm with **OK**.
9. With ▼/▲ select the current day and time.
10. Confirm respectively with **OK**.

Summertime/wintertime

The changeover from summer to wintertime and vice-versa is automatic. You can disable the automatic changeover.

1. As described on page 22 select **"Date - Time"**.
2. With **OK** select **"Summertime ON"**.
3. Select **"OFF"** with ▼/▲.
4. Confirm with **OK**.

Selecting the language

1. Open the flap.
2. Press ☰ **twice**.
3. Select **"Settings"** with ▼/▲.
4. Confirm with **OK**.
5. Select **"Standard settings"** with ▼/▲.
6. Confirm with **OK**.
7. Select **"Language"** with ▼/▲.
8. With ▼/▲ select the required language.
9. Confirm with **OK**.

Renaming programs

You can individually rename programs **"Prog 1"** to **"Prog 3"**. The designation is limited to 5 characters.

1. Open the flap.
2. Press ☰ **twice**.

Renaming programs (cont.)

3. Select **"Settings"** with ▼/▲.
4. Confirm with **OK**.
5. Select **"Programs"** with ▼/▲.
6. Confirm with **OK**.
7. With ▼/▲ select the program you want to rename (e.g. **"Prog 1"**).
8. Confirm **twice** with **OK**.
9. Select **"Rename"** with ▼/▲.
10. Confirm with **OK**.
11. Enter the required characters on line **"New name"** with ▼/▲.
12. Confirm respectively with **OK**.

Temperature adjustment

The displayed room temperature can deviate from the actual room temperature if your Vitotrol 100 is installed in an unfavourable position, e.g. on an external wall or near a chimney. You can correct this temperature deviation with a compensator.

Example:
The room temperature displayed by the Vitotrol 100 is 2 °C higher than the actual room temperature. The correction is then –2 °C.

1. Open the flap.
2. Press ☰ **twice**.
3. Select **"Settings"** with ▼/▲.
4. Confirm with **OK**.
5. Select **"Service"** with ▼/▲.
6. Confirm with **OK**.
7. With **OK** select the required value to be set for **"Ctrller offset"**.
8. Set the required value with ▼/▲.
9. Confirm with **OK**.
10. Exit the menu with ⮌.

Control characteristics

The hysteresis controller is factory-set. The hysteresis value influences the start and stop times for "Heating" or "Not heating".

Example:
Set room temperature: 21 °C
Hysteresis: 0.6 °C (delivered condition).
Setting range: 0.2 to 1.0 °C.
Heating stops as soon as the actual room temperature exceeds 21.3 °C.
Heating starts as soon as the actual room temperature falls below 20.7 °C.

5592 620 GB

Control characteristics (cont.)

You can change the control characteristics by changing the hysteresis value. Select a lower value if your system responds too slowly.

1. Open the flap.
2. Press ☰ **twice**.
3. Select **"Settings"** with ▼/▲.
4. Confirm with **OK**.
5. Select **"Service"** with ▼/▲.
6. Confirm with **OK**.
7. Set the required hysteresis value with ▼/▲.
8. Confirm **twice** with **OK**.
9. Exit the menu with ⮌.

5592 620 GB

Scanning temperatures and further settings

1. Press ☰.

   The display shows the following details:
   - Weekday
   - Date and time
   - Current program
   - Current room temperature

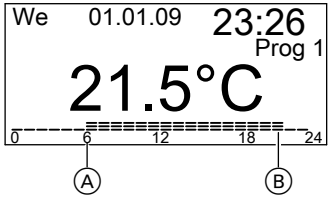
2. Call up the current set temperature with ▼/▲.

Scanning time programs

Time program for central heating on the current day for "Prog 1" to "Prog 3"

The display shows the time phases for the current day on a time slot graphic.

Example:



Central heating from 06:00 Ⓐ to 22:00 h Ⓑ with standard room temperature (**"Comfort"**) and central heating from 22:00 to 06:00 h with reduced room temperature (**"Reduced"**).

Scanning holiday program (if programmed)

1. Open the flap.
2. Press ☰ **twice**.
3. Select **"Holiday"** with ▼/▲.
4. Confirm with **OK**.
   Start and end of the set holiday period are displayed.

Rooms are too cold

Cause	Remedy
Vitotrol 100 is incorrectly set up.	Check settings and correct if required: ■ Program (see page 10) ■ Room temperature (see page 13) ■ Time (see page 22)
The wireless connection to the boiler control unit is faulty.	Change the address code (see page 29).

Note
For further causes, see the boiler operating instructions.

Rooms are too hot

Cause	Remedy
Vitotrol 100 is incorrectly set up.	Check settings and correct if required: ■ Program (see page 10) ■ Room temperature (see page 13) ■ Time (see page 22)
The wireless connection to the boiler control unit is faulty.	Change the address code (see page 29).

Note
For further causes, see the boiler operating instructions.

There is no hot water

Cause	Remedy
The Vitotrol 100 is incorrectly set up.	Check settings and correct if required: ■ Starting DHW heating (see page 18) ■ Program (see page 20) ■ Operating mode (see page 18) ■ Time (see page 22)
The wireless connection to the boiler control unit is faulty.	Change the address code (see page 29).

5592 620 GB

There is no hot water (cont.)

Note
For further causes, see the boiler operating instructions.

▬ flashes in the display

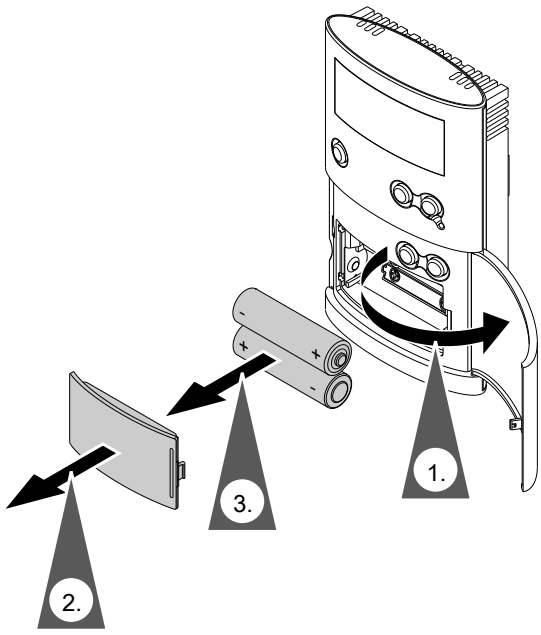
Cause	Remedy
The batteries are spent.	Change the batteries (see next chapter). The Vitotrol 100 has a power reserve of 3 min. If you replace the batteries within this time, all set details will be retained. After the power reserve has been exceeded, carry out a reset (see next chapter). ***Note*** *If the batteries are not changed, the display switches off.* *Central heating and DHW heating are carried out according to the settings on the boiler control unit.*

Changing the batteries

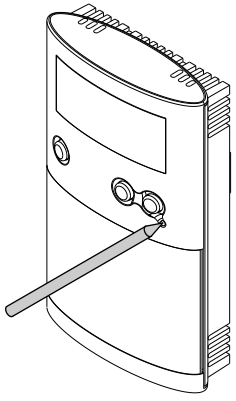
Disposal
Batteries/rechargeable batteries should not be disposed of in domestic waste. Always dispose of spent batteries/ rechargeable batteries via an authorised collection site.

- Use only alkaline batteries, 1.5 V Mignon alkaline cells, type LR6/AA that do not contain noxious substances.
- Never use rechargeable batteries.
- Replace **both** batteries every 18 months.

Changing the batteries (cont.)



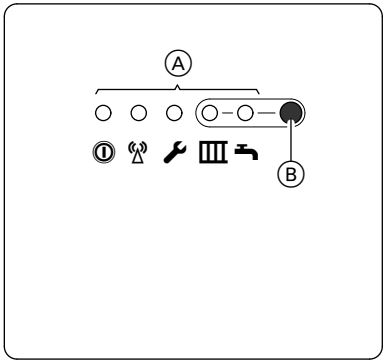
Reset



Press the reset button with a suitable instrument. After a reset, re-enter the language, time and date.

Changing the address code

Wireless receiver on the boiler



Ⓐ LED

1. Press Ⓑ on the wireless receiver for approx. 10 s until LED flashes.
2. Open the flap of the Vitotrol 100.
3. Press **twice**.
4. Select **"Settings"** with ▼/▲.
5. Confirm with **OK**.
6. Select **"Service"** with ▼/▲.
7. Confirm **three times** with **OK**.
8. Select **"Address code"** with ▼/▲.
9. Confirm with **OK**.
   After approx. 30 s the display shows **"Transmitting"**.
   The transfer takes approx. 30 s.
   During the transfer, LED flashes briefly.

Once the address code is recognised, the LEDs go out; otherwise repeat the procedure.

5592 620 GB

Cleaning

The equipment can be cleaned with a commercially available domestic cleaning agent (non-scouring).

Energy saving tips

Use the Vitotrol 100 setting options:

- Do not overheat your rooms.
  Every degree of room temperature reduction saves up to 6% of your heating bills.
  Never set your room temperature higher than 20 °C (see page 13).
- Select the program that meets your current requirements:
  – For short absences (e.g. shopping trips), select **"Economy mode"** (see page 17).
  As long as economy mode is activated, the room temperature is reduced and DHW heating is off.
  – If you are going away, set the **"Holiday program"** (see page 15).
  As long as the holiday program is activated, the room temperature is reduced and DHW heating is off.
  – If you don't want to heat the rooms and you don't require DHW for an extended period, select operating mode **"Frost pr."** (see page 12).

Further recommendations:

- Correct ventilation/airing.
  Briefly open windows fully and at the same time close the thermostatic radiator valves.
- Close roller shutters (if installed) at dusk.
- Set thermostatic valves correctly.
- Never cover radiators or thermostatic valves.
- Controlled DHW consumption: A shower generally uses less energy than a full bath.

5592 620 GB

Keyword index

C
Cleaning....30
Constant central heating (constant heating mode)....12
Constant heating mode (constant central heating)....12
Control characteristics....23
Controls and display elements....7

D
Display backlighting....8
Display symbols....7

E
Economy mode....7
■ Setting....17
■ Terminating....17
Energy saving....15, 30

F
Frost protection mode....12

H
Heating mode....10
Holiday....15
Holiday program
■ Scanning....25
■ Setting....15
■ Terminating....15

I
Individual time program setting
■ DHW heating....20

L
Language....22
Lock out controls....9

M
Manual mode....12

N
No hot water....26

O
Operating mode selection
■ Central heating....10
■ DHW heating....18

P
Party mode....7
■ Setting....16
■ Terminating....17
Program name....22

S
Setting an individual time program
■ Central heating....13
Settings
■ Scanning....25
Setting time phases
■ Central heating....13
Standard display....8
Symbols on the display....7

T
Temperature adjustment....23
Temperatures
■ Changing permanently....13
■ Changing temporarily....16
■ Scanning....25
Time and date....22
Time phases, disabling....14, 21
Time phases, setting
■ DHW heating....20
Time program, copying....14, 21
Time program for DHW heating, selecting....18
Time programs, scanning....25
Troubleshooting....26
Type plate....7

W
Wall adjustment....23
Water too cold....26

5592 620 GB

Applicability

CE

Your contact

Contact your local contractor if you have any questions regarding the maintenance and repair of your system. You may, for example, find local contractors on the internet under www.viessmann.com.

Viessmann Werke GmbH&Co KG
D-35107 Allendorf
Telephone: +49 6452 70-0
Fax: +49 6452 70-2780
www.viessmann.com

Viessmann Limited
Hortonwood 30, Telford
Shropshire, TF1 7YP, GB
Telephone: +44 1952 675000
Fax: +44 1952 675040
E-mail: info-uk@viessmann.com

Printed on environmentally friendly, chlorine-free bleached paper

5592 620 GB Subject to technical modifications.