

# Operating instructions for the system user

# VIESSMANN

Remote control for one heating circuit



## VITOTROL 300



## 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.



#### **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 qualified 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.

- Never smoke. Prevent naked flames and sparks. Never switch electrical lights or equipment 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 local heating contractor from outside the building.
- Shut off the electricity supply to the building from a safe place (outside the building).

### If you smell flue gas



#### **Danger**

Flue gas can lead to life-threatening poisoning.

- Shut down the heating system.
- Vent the boiler room.
- Close all doors in the living space.

## For your safety (cont.)

### 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 °C and below 35 °C.
- 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 which are not tested with the heating system may lead to damage to the heating system, or may affect their various functions. Installation or replacement must only be carried out by qualified personnel.

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## Your remote control unit is set up at the factory

The remote control unit has been pre-set at the factory to "Heating and DHW", i.e. the system delivers DHW and central heating (if a DHW cylinder is installed).

- Between **06:00 and 22:00 h**, the system delivers central heating at the standard room temperature
- Between **05:30 and 22:00 h**, the DHW is boosted to the set temperature (if a DHW cylinder is installed). The DHW circulation pump is switched ON (if connected to the control unit).

- Between **22:00 and 06:00 h**, the system delivers central heating at the reduced room temperature (set to 3 °C, frost protection).
  - Between **22:00 and 05:30 h**, the DHW cylinder temperature will not be boosted.
  - Day and time (CET), as well as summer/winter time changeover are implemented automatically
- You may change the standard settings preset at the factory in accordance with personal requirements.

### Note

*All data will be retained in case of power failure.*

## Operating information

The Vitotrol 300 remote control unit enables the following adjustments to be made from the living space:

- Standard room temperature
- Reduced room temperature
- DHW temperature
- Operating and holiday program
- Time phases for central heating
- Time phases for DHW heating
- Time phases for the DHW circulation pump (if installed)
- Date and time

The standard room temperature can only be selected at the Vitotrol 300.

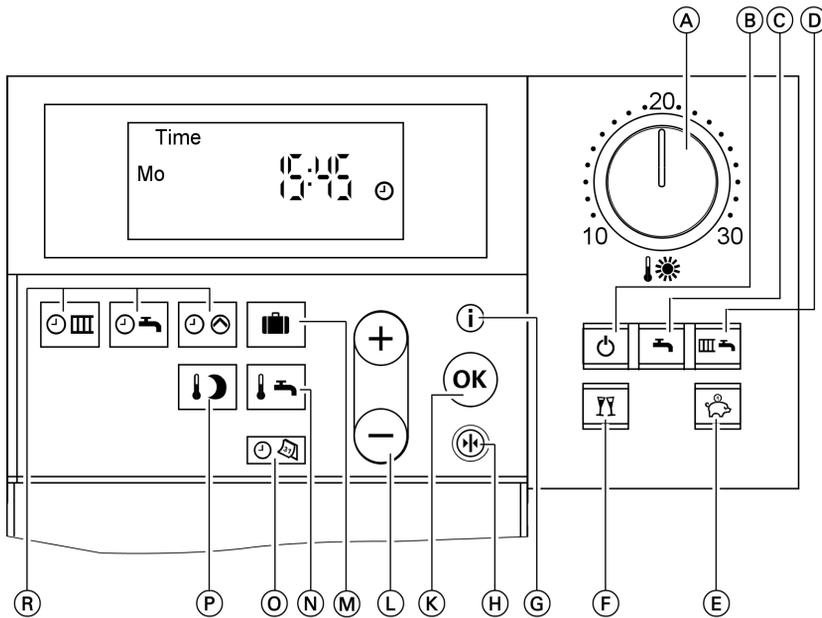
All other settings are transmitted from the Vitotrol 300 to the Vitotronic control unit and vice-versa. Always the **latest** adjustments apply to your heating circuit.

If the batteries supplied are fitted, the illumination is switched ON after pressing any key and is switched OFF again approx. 30 seconds after the last key activation.

The display shows "**Without function**", if adjustments cannot be made at the remote control unit, e.g. because of corresponding programming by your heating contractor.

## Summary of controls and indicators

### Functions



- |   |  |
|---|--|
| (A) Standard room temperature (see page 11) | (K) Confirmation                           |
| (B) Standby mode                            | (L) Setting values                         |
| (C) DHW                                     | (M) Holiday program (see page 14)          |
| (D) Heating and DHW                         | (N) DHW temperature (see page 17)          |
| (E) Economy mode (see page 15)              | (O) Time/date (see page 22)                |
| (F) Party mode (see page 16)                | (P) Reduced room temperature (see page 12) |
| (G) Information (see page 22 to 24)         | (R) Time programs (see page 12 and 18)     |
| (H) Standard setting (see page 23)          |  |

### Symbols in the display

These symbols are not permanently displayed, but appear subject to the system version and the operating state.

Flashing displays indicate that modifications can be made.

Where to find the controls

## Summary of controls and indicators (cont.)

	Risk of frost		DHW heating enabled
	Central heating with standard room temperature		Cylinder pump running, DHW heating enabled
	Central heating with reduced room temperature		DHW heating via solar heating system
	Heating circuit pump running		Burner in operation
			Time adjustment and display
	Mixer "Open"		Radio clock reception (only with radio clock module, accessories)
	Mixer "Close"		

## Starting the DHW heating and the heating circuit

You want to heat your rooms and make DHW available.

Press  for "Heating and DHW".

- Central heating will be implemented with standard or reduced room temperature (frost protection) according to the set time program.

Standard setting:

From 06:00 to 22:00 h standard room temperature; otherwise reduced room temperature.

- DHW heating (if a DHW cylinder is installed) is enabled and the DHW circulation pump (if installed) is ON according to the selected time program.

Standard setting:

From 05:30 to 22:00 h, DHW is boosted to the set temperature, and the DHW circulation pump is switched ON.

- Heating circuit frost protection active.

## Stopping the DHW heating and the heating circuit

You do not want to heat any rooms or provide DHW.

Press  for "Standby mode".

- Central heating is inactive for that heating circuit.
- No DHW heating.
- Heating circuit frost protection active.

### Note

*The circulation pumps are briefly started every 24 hours to prevent them from seizing up.*

## Starting DHW heating only

You do not wish to heat any rooms, but you want to provide DHW.

Press  for "DHW only".

## Start-up/shutdown

### Starting DHW heating only (cont.)

- Central heating is inactive for that heating circuit.
- DHW heating (if a DHW cylinder is installed) is enabled and the DHW circulation pump (if installed) is ON in accordance with the selected time program.  
Standard setting:  
From 05:30 to 22:00 h, DHW is boosted to the set temperature, and the DHW circulation pump is switched ON.
- Heating circuit frost protection active.

#### **Note**

*The heating circuit pump is briefly started automatically every 24 hours to prevent it from seizing up.*

### Stopping DHW heating

You want to heat your rooms but not have DHW available.

1. Press  for "Heating and DHW".
  2. Delete the time phases for DHW heating (see page 20).  
**or**  
Set the DHW temperature to 10 °C (see page 17).
- Central heating will be implemented with standard or reduced room temperature (frost protection) according to the set time program.  
Standard setting:  
From 06:00 to 22:00 h standard room temperature; otherwise reduced room temperature.

- No DHW heating.
- Heating circuit frost protection active.

#### **Note**

*The cylinder primary pump is briefly started automatically every 24 hours to prevent it from seizing up.*

## Setting a permanent room temperature

Observe the following points if your heating circuit should provide central heating:

1. "Heating and DHW"  must be selected for the heating circuit.

Check:

 must be illuminated, otherwise press .

2. Rotary selector "🌞" enables you to select the standard room temperature (for day) (see page 11) and with  the reduced room temperature (for night) (see page 12).

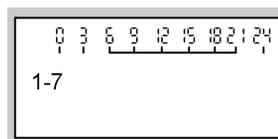
3. The timing of when the heating circuit delivers central heating with standard or reduced room temperature depends on the settings of the time program (four possible time phases) for the respective day.

- If no time phases are selected, central heating will be enabled for the whole day at the reduced room temperature.

- If one or several time phases are selected, central heating with standard room temperature will be active for those times.

Check:

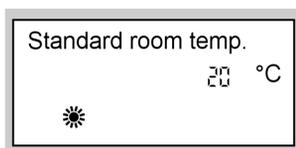
Press and hold down  +  simultaneously; a time slot graphic shows the selected time phases.



For changing the time program, see page 12.

## Adjusting the standard room temperature

Select the required temperature for the "Normal room temperature" with rotary selector "🌞".



Adjusting the room temperature

## Setting a permanent room temperature (cont.)

### Selecting the reduced room temperature

Press the following keys:

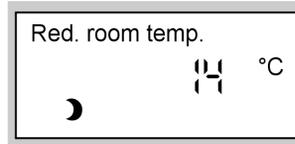
1.  for "**Reduced room temperature**"; the current temperature flashes.

**Note**

When setting the reduced room temperature to 3 °C, "**Frost protection**" will be displayed.

2.  for the required temperature.

3.  to confirm; the temperature no longer flashes and is saved.



### Setting time programs (switching times)

- For central heating, up to four changes per day between standard and reduced room temperature can be programmed (four time phases).
- At the factory, **time phase 1** is set for every day from 06:00 to 22:00 h, i.e. during that time, all rooms are heated to the standard room temperature.
- You can set identical time programs for every day or for each day of the week **individually**.

When setting time programs, bear in mind that your heating system requires some time to heat the rooms to the required temperature. For time program steps, see page 12. For a sequence of steps to delete a time phase, see page 13.

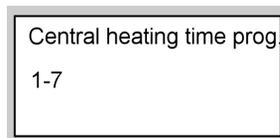
Press the following keys:

1.  for "**Heating time program**".

**Note**

If you want to terminate the time programming early, press  again and confirm with .

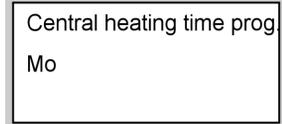
2.  until "**1-7**" is displayed, if you want to set up the same time phases for every day



or

### Setting a permanent room temperature (cont.)

3.  $\text{OK}/(-)$  until "Mo", "Tu" etc. is displayed, if you want to set up different time phases for the day displayed.



**Note**

If different time phases are set for individual days and you want to return to identical time phases for every day, press  $\text{OK}$  when "1-7" is displayed. All time phases are returned to their original condition.

4.  $\text{OK}$  to confirm; "Heating timer 1" will then be displayed.

**Note**

Press  $(+)$  if you want to skip a time phase.

### Deleting time phases

Press the following keys:

1.  $\text{OK}$  for "Heating time program".
2.  $\text{OK}$  until the required "Heating cycle OFF" is displayed.

5.  $\text{OK}$  to confirm; "Heating cycle 1 ON" will then be displayed.

6.  $\text{OK}/(-)$  for the heating phase starting point.

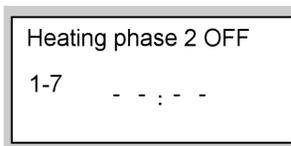
7.  $\text{OK}$  to confirm; "Heating cycle 1 OFF" will then be displayed.

8.  $(+)/(-)$  for the heating phase end point.

9.  $\text{OK}$  to confirm; "Heating cycle 2 ON" will then be displayed.

10. Proceed for adjusting the start and end of heating phases 2 to 4 as described under steps 6 to 9.

3.  $(-)$  until "- - : - -" is displayed for the end time.



4.  $\text{OK}$  to confirm, until the current time is displayed.

## Changing the room temperature for a few days only

The following energy saving options are available for times when you are not at home:

- You can switch central heating OFF completely (see "Switching OFF the heating circuit and DHW heating" on page 9)  
or
- You can set central heating to minimum energy consumption (e.g. to prevent your houseplants from being damaged by frost). For this, select the "**Holiday program**" .
  - When "**Heating and DHW**"  is selected, all heating circuits are heated with the selected reduced room temperature (see page 12) during the holiday program, but there will be **no** DHW heating.
  - When "**DHW only**"  has been selected, **only** frost protection for the boiler and the DHW cylinder is provided during the holiday program.

## Setting a holiday program

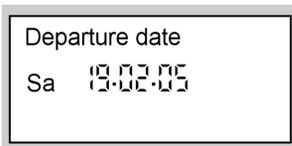
### Note

The boiler and heating circuit control unit Vitotronic is set so that the holiday program applies to all heating circuits in the heating system. If you want to make changes, contact your local heating contractor.

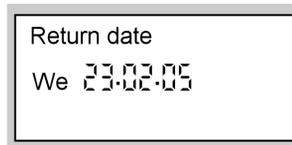
The holiday program starts at 00:00 h following the day of your departure and ends at 00:00 h on the day of your return, i.e. the permanently set time program is enabled on the day of departure and the day of return.

Press the following keys:

1.  for "**Holiday program**".
2.  for "**Departure date**" (the current date is displayed).
3.  for the date of the required departure day.



4.  to confirm; "**Return date**" (a date following that of the departure day) will be displayed.
5.  for the date of the required return day.



6.  to confirm.

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

7. The room temperature during the holiday program is the selected reduced room temperature (see page 12).

If you want to change this temperature:

- Press .
- Select the required value with .
- Press  to confirm; the temperature no longer flashes and is now saved.

### Note

*This change generally applies for the reduced room temperature and must be modified again, if required, after the holiday program ends.*

### Terminating the holiday program

- The holiday program terminates automatically on the day of return.
- Press  again, if you want to terminate the holiday program early and confirm "**Delete? Yes**" with .

## Changing the room temperature for a few hours only

The following functions enable you to change the room temperature for a few hours, without permanently altering your settings.

- To save energy, you can reduce the standard room temperature with "**Energy saving mode**"  (see page 15).
- You want to heat spontaneously with the standard room temperature and provide DHW. For this, select "**Party mode**"  (see page 16).

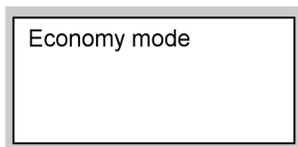
## Setting economy mode

In economy mode, the standard room temperature will be reduced automatically.

Adjusting the room temperature

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

Press  for "Energy saving mode mode".



### Terminating economy mode

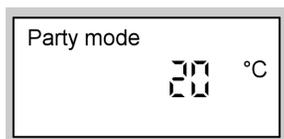
- The economy mode ends automatically with the next changeover to central heating with reduced room temperature.
- If you want to terminate economy mode early, press  again; the key illumination extinguishes.

## Setting party mode

- Central heating will be enabled at any temperature you select (party temperature).
- The DHW will be boosted to the set temperature.
- The DHW circulation pump is switched ON.

Press the following keys:

1.  for "Party mode"; the party temperature flashes.



2.  for the required temperature, if you want to change the room temperature.

3.  to confirm; the temperature no longer flashes and is saved.

### Terminating party mode

- Party mode ends automatically with the next changeover to central heating with standard room temperature, but no later than after 8 hours.
- If you want to terminate party mode early, press  again; the key illumination extinguishes.

## Selecting constant DHW heating

### Note

The boiler and heating circuit control unit Vitotronic is set so that the DHW heating settings apply to all heating circuits in the heating system.

If you want to make changes, contact your local heating contractor.

Observe the following points if you want to enable DHW heating:

1. "Heating and DHW"  or "DHW only"  must be selected for the heating circuit.

Check:

 or  must be illuminated, otherwise press  or .

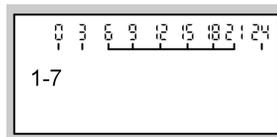
### Note

You can select the DHW temperature (see page 17).

2. When DHW heating with the selected temperature is enabled for the heating circuit and when the DHW circulation pump (if installed) runs, depends on the settings of both time programs  or  (each with four possible time phases) for the respective day.

Check:

- Press and hold down  +  simultaneously; a time slot graphic shows the time phases selected for DHW heating.
- Press and hold down  +  simultaneously; a time slot graphic shows the time phases selected for DHW circulation pump.



For changing the time programs, see from page 18.

## Setting the DHW temperature

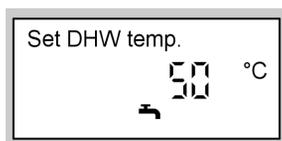
Press the following keys:

1.  for "DHW temp.setpt." (set DHW temp.); the current temperature will flash.
2.  for the required temperature.

## Selecting DHW heating

### Selecting constant DHW heating (cont.)

3.  to confirm; the temperature no longer flashes and is saved.



## Setting time programs (switching times)

### Heating system without DHW circulation pump

Observe the information on page 17.

- DHW heating can be activated/deactivated up to four times per day (four time phases).
- **Automatic mode** (factory setting)  
DHW heating is enabled in parallel to the central heating time program of the first available heating circuit, but starts 30 min earlier (from 05:30 to 22:00 h).
- **Individual time programs**  
You can also set up individual time programs if you do not wish to operate in automatic mode.

You can select **identical** time programs for every day or **individual** programs for each day.

When setting time programs, bear in mind that your heating system requires some time to heat the DHW cylinder to the required temperature.

For time program steps, see page 19.

For a sequence of steps to delete a time phase, see page 20.

### Heating system with DHW circulation pump

Observe the information on page 17.

- The DHW circulation pump transports hot water through a circuit between the DHW cylinder and the draw-off points to deliver DHW to the taps as quickly as possible.
- The DHW heating and the DHW circulation pump can be enabled/disabled up to four times per day (four time phases).
- **Automatic mode** (factory setting)

The DHW heating and the DHW circulation pump are enabled in parallel to the central heating time program of the first available heating circuit of your heating system; however they commence 30 min. earlier (from 05:30 to 22:00 h).

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## Selecting constant DHW heating (cont.)

### ■ Individual time programs

You can also set up individual time programs if you do not wish to operate in automatic mode.

You can select **identical** time programs for every day or **individual** programs for each day.

- Also, activating the DHW circulation pump is only sensible for those times when DHW is actually drawn.

The following explains the setting up of a time program using DHW heating  as an example. Proceed the same for the DHW circulation pump  time program.

When setting time programs, bear in mind that your heating system requires some time to heat the DHW cylinder to the required temperature.

For time program steps, see page 19.

For a sequence of steps to delete a time phase, see page 20.

### Setting automatic mode (if required)

Press the following keys:

1.  for "DHW time program".
2.  for "Automatic?", if "Automatic?" is not yet displayed.
3.  to confirm.

### Setting up an individual time program

Press the following keys:

1.  for "DHW time program".
4.  until "1-7" is displayed, if you want to set up the same time phases for every day

#### Note

If you want to terminate the time programming **early**, press  again and confirm with .

2.  for "Individual?", if "Individual?" is not yet displayed.
3.  to confirm.

DHW time prog.

1-7

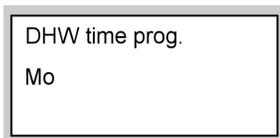
or



## Selecting DHW heating

### Selecting constant DHW heating (cont.)

5.  $\oplus/\ominus$  until "**Mo**", "**Tu**" etc. is displayed, if you want to set different time phases for the displayed day.



#### Note

If different time phases are set for individual days and you want to return to identical time phases for every day, press  $\text{OK}$  when "1-7" is displayed.

All time phases are returned to their original condition.

6.  $\text{OK}$  to confirm; "**DHW timer 1**" will then be displayed.

#### Note

Press  $\oplus$  if you want to skip a time phase.

### Deleting time phases

Press the following keys:

1.  $\text{OK}$  for "**DHW time program**".
2.  $\text{OK}$  until the required "**DHW cycle OFF**" is displayed.

7.  $\text{OK}$  to confirm; "**DHW cycle 1 ON**" will then be displayed.

8.  $\oplus/\ominus$  for DHW phase starting point.

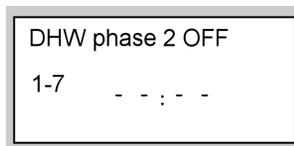
9.  $\text{OK}$  to confirm; "**DHW cycle 1 OFF**" will be displayed.

10.  $\oplus/\ominus$  for DHW phase end point.

11.  $\text{OK}$  to confirm; "**DHW cycle 2 ON**" will then be displayed.

12. Proceed for adjusting the start and end of DHW time phases 2 to 4 as described under steps 8 to 11.

3.  $\ominus$  until "- : - : -" is displayed for the end time.



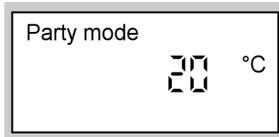
4.  $\text{OK}$  to confirm, until the current time is displayed.

## Selecting DHW heating for a few hours only

The following functions enable you to heat DHW for several hours, without permanently altering your settings. For this, select "**Party mode**" . During party mode, the DHW circulation pump is active and central heating operates with the party temperature. Set the party temperature to 4 °C, if you require no central heating (e.g. in summer).

Press the following keys:

1.  for "**Party mode**"; the party temperature flashes.



2.  for the required temperature, if you want to change the room temperature.

3.  to confirm; the temperature no longer flashes and is saved.

### Ending party mode

- Party mode ends automatically with the next changeover to central heating with standard room temperature, but no later than after 8 hours.
- If you want to terminate party mode early, press  again; the key illumination extinguishes.

## Selecting DHW heating only once

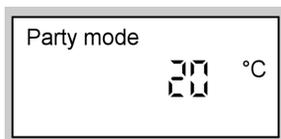
The following function enables you to heat DHW once, without permanently altering your settings. For this, select "**Party mode**" .

### Preconditions:

- Not in "**Standby mode**"  and not in the "**Holiday program**" 
- The DHW temperature must be below the set value (see page 17)

Press the following keys:

1.  for "**Party mode**".



2.  to confirm; DHW heating will begin.

3. After approx. 10 s, press  again; the key illumination extinguishes.

## Further adjustments

### Setting the time and date

Date and time are factory-set and may be changed manually.

Press the following keys:

1.  for "Time".
2.  for the required time.



3.  to confirm; "Datum" (date) is displayed.
4.  for the required date.

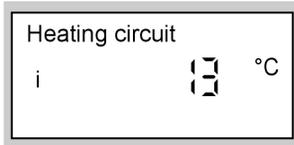


5.  to confirm.

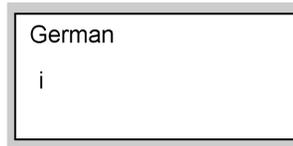
### Language selection

Press the following keys:

1.  "Heating circuit" is displayed.



2.  for the required language.



3.  to confirm.

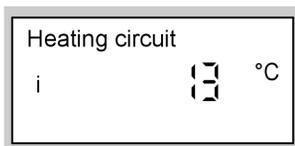
### Changing the standard display

If you require a different display than that of the current time.

## Changing the standard display (cont.)

Press the following keys:

1. **i** for "Heating circuit".



2. **+/-** for the required display.

3. **OK** to confirm.

The following displays are available for selection:

- Outdoor temperature
- Supply temperature\*<sup>1</sup>
- Boiler temperature
- DHW temperature\*<sup>1</sup>
- Return temperature\*<sup>1</sup>
- Room temperature
- Flue gas temperature\*<sup>1</sup>
- Time
- Datum (date)

## Adjusting the display contrast

Press **OK** and simultaneously adjust the contrast with **+** or **-**.

## Restoring the standard settings

It is possible to simultaneously reset all changed values for the heating circuit to the factory settings.

For this, press **\***.

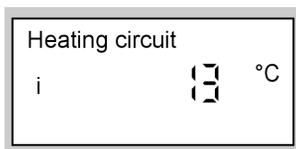
\*<sup>1</sup>Only if the corresponding sensor is installed.

## Scanning temperatures

Subject to the connected components and settings you have made, you can scan the current temperatures and operating conditions.

Press the following keys:

1. **i** for "Heating circuit".



2. **+/-** for further scanning of the list.

3. **OK** to end scanning.

Order in which temperatures and operating conditions may be scanned:

- **Heating circuit A1/M1**, remote control acts on heating circuit A 1 or M 1
- **Heating circuit M2**, remote control acts on heating circuit M 2
- **Heating circuit M3**, remote control acts on heating circuit M 3
- **Holiday program** – if one has been entered
  - **Departure date**
  - **Return date**
- **Outdoor temperature**
- **Boiler temperature**
- **Supply temperature**, for heating circuit with mixer
- **Room temperature**
- **Ext. room t.setpt.** (ext. set room temp.) if an external hook-up has taken place (see page 30)
- **Flue gas temperature** – if a flue gas sensor is connected
- **DHW temperature** – DHW temperature
- **DHW temperature 1** – DHW temperature, if two cylinder temperature sensors are connected
- **DHW temperature 2** – DHW temperature, if two cylinder temperature sensors are connected
- **Solar DHW temp.** – DHW temperature with solar operation
- **Collector temp.** – in conjunction with a solar heating system
- **Burner\*1** – burner hours run
- **Burner stage 1** – burner stage 1 hours run
- **Burner stage 2** – burner stage 2 hours run
- **Burner cycles\*1**
- **Consumption\*1** – fuel consumption, subject to the relevant settings having been made by your contractor
- **Solar energy** – display in kWh, in conjunction with a solar heating system
- **Time**
- **Datum (date)**
- **Burner ON/OFF**
- **Burner stage 1 ON/OFF**
- **Burner stage 2 ON/OFF**
- **DHW pump ON/OFF**

\*1 To reset to "0": Press **↵** and confirm with **OK**.

### Scanning temperatures (cont.)

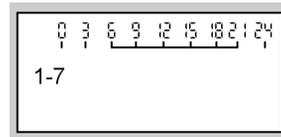
- **Recirc. pump ON/OFF** – DHW circulation pump
- **Heating circuit pump ON/OFF**
- **Solar pump ON/OFF** – in conjunction with a solar heating system
- **Solar pump ...h** – solar circuit pump hours run, in conjunction with a solar heating system
- **Mix. valve Open/Close**, for a heating circuit with mixer
  - ▼ ≙ Close
  - ▲ ≙ Open
- **Language** (confirm with )

### Scanning time programs

Press the following keys:

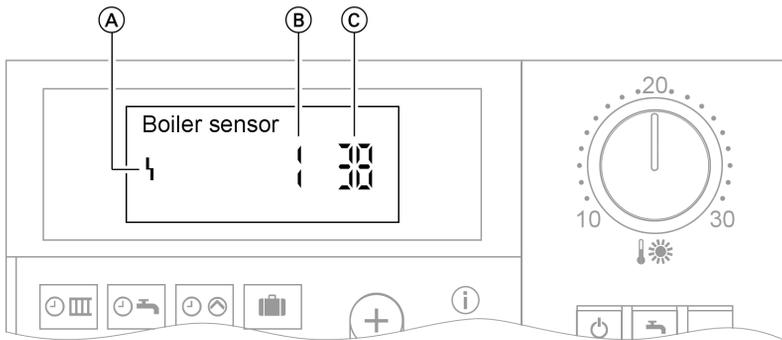
1.  +  for heating and DHW time program  
**or**
2.  +  for DHW time program  
**or**

3.  +  for DHW circulation pump time program  
press and hold down simultaneously; a time slot graphic shows the selected time phases.



4. For changing the time programs, see page 12 and 18.

## Scanning fault displays



(A) Fault symbol

(B) Fault number

(C) Fault code

Any fault in the heating system will be shown in the display. You can check the fault code at the display and then notify your heating contractor accordingly. This allows the heating contractor to better prepare for the service call and may save additional travelling costs.

Press the following keys:

1. (i) for troubleshooting.
2. (+)/(-) to display further faults, if several faults exist.
3. (OK) to "**Acknowledge**" all fault messages.
4. (+)/(-) for "**Yes**" or "**No**".  
With "**Acknowledge ?**  
**Yes**" you confirm that you have noted the fault.

5. (OK) to confirm.

To recall fault codes press the following keys:

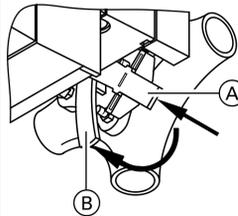
1. (OK) approx. 2 s.
2. (+)/(-) for the acknowledged fault.

### **Note**

*If the fault has not been rectified, the fault message will be redisplayed at 7:00 h on the following day.*

### Rooms are too cold

Cause	Remedy
The remote control unit is incorrectly adjusted	Check and correct settings, if required: <ul style="list-style-type: none"> <li>■ The heating circuit must be switched ON (see page 11)</li> <li>■ Room temperature (see page 11)</li> <li>■ Time (see page 22)</li> </ul>
Only when operating with DHW cylinder: DHW priority (🔥🕒 is displayed)	Wait until the DHW cylinder has been heated up (🕒 is extinguished from the display)
Heating system fault: "Fault" is displayed	Check the type of fault and notify your local heating contractor
In conjunction with the mixer circuit: Mixer motor faulty	Unlock motor lever (A) and manually adjust the mixer lever (B) (e.g. to "5"). Contact your local heating contractor.



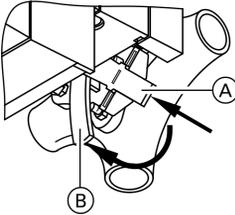
### Rooms are too hot

Cause	Remedy
Remote control incorrectly adjusted	Check and correct settings, if required: <ul style="list-style-type: none"> <li>■ Room temperature (see page 11)</li> <li>■ Time (see page 22)</li> </ul>
Control unit fault or outside temperature sensor/boiler water temperature sensor faulty: "Fault" is displayed	Check the type of fault and notify your local heating contractor



What to do if...

### Rooms are too hot (cont.)

Cause	Remedy
<p>In conjunction with the mixer circuit: Mixer motor faulty</p>	<p>Unlock motor lever (A) and manually adjust the mixer lever (B) (e.g. to "5"). Contact your local heating contractor.</p> 

### There is no hot water

Cause	Remedy
<p>Remote control incorrectly adjusted</p>	<p>Check and correct settings, if required:</p> <ul style="list-style-type: none"> <li>■ DHW heating must be switched ON (see page 17)</li> <li>■ DHW temperature (see page 17)</li> <li>■ Time (see page 22)</li> </ul>
<p>Heating system fault: "Fault" is displayed</p>	<p>Check the type of fault and notify your local heating contractor</p>
<p>Cylinder primary pump is faulty</p>	<p>Contact your local heating contractor</p>

### The DHW is too hot

Cause	Remedy
Remote control incorrectly adjusted	Check and correct the DHW temperature, if required (see page 17)
Sensor fault	Contact your local heating contractor

### "Fault" flashes at the display

Cause	Remedy
Heating system fault	Check the type of fault and notify your local heating contractor

### "Service" is displayed

Cause	Remedy
The time for a service has been reached	Arrange for your local heating contractor to service your heating system

### "Without function" is displayed

Cause	Remedy
No function is allocated to the key you have pressed	—

What to do if...

### "External control" is displayed

Cause	Remedy
The heating program set at the control unit was changed over by an external device	No action required. The heating program changeover was manually selected.

### "Ext.program" is displayed

Cause	Remedy
The selected heating program has been changed over by the Vitocom 100 communication interface and can be changed manually, which cancels the external changeover	—

### "Ext.room t.setpt." is displayed

Cause	Remedy
A set room temperature was hooked up via the Vitocom 300 communication interface. You can modify the standard room temperature via rotary selector "⚡"; this cancels the external hook-up.	—

## The display illumination has failed

Cause	Remedy
Battery flat	Replace the battery (see page 31) <b>Disposal</b> Batteries/rechargeable batteries should not be disposed of in domestic waste. Always dispose of spent batteries/rechargeable batteries via an authorised recycling sites.

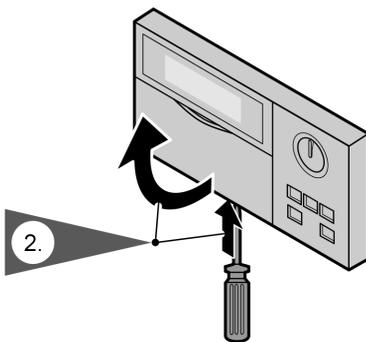
## Changing batteries

1. Switch OFF the main ON/OFF switch at the control unit.



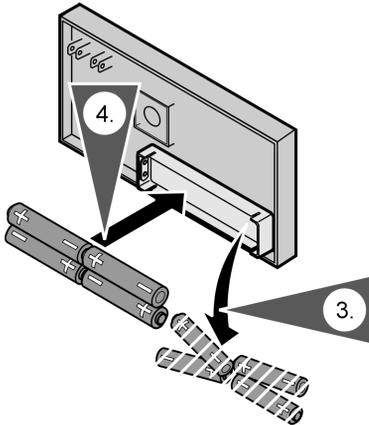
Operating instructions of the Vitotronic boiler and heating circuit control unit

2. Unclip the top part of the remote control.



What to do if...

## Changing batteries (cont.)

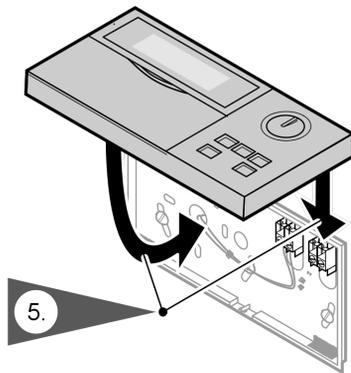


3. Remove the batteries from the back.

**Note**

*Never touch the PCB (electrostatic discharge).*

4. Insert the batteries according to the diagram.  
Never use dangerous alkaline-manganese batteries, type MICRO-LR03 (AAA).



5. Position the top part and snap it into place.

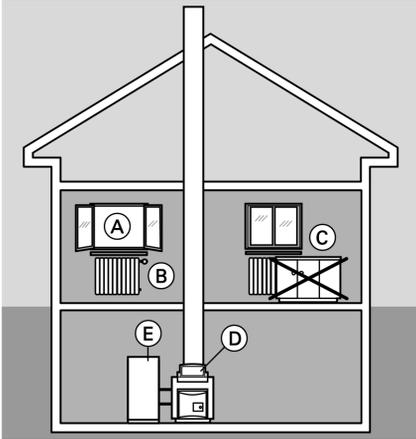
## Cleaning

All devices may be cleaned with a commercially available domestic cleaning agent (non scouring).

## Energy saving tips

### Energy saving tips

With the following steps, you can save additional energy.



- **Correct ventilation/airing.**  
Briefly open windows (A) fully and at the same time close thermostatic radiator valves (B).
- **Never overheat the living space.**  
Endeavour to achieve a room temperature of 20 °C; every degree of room temperature reduction saves up to 6% of your heating bills.
- **Close roller shutters** (where installed) at dusk.
- **Set thermostatic valves (B) correctly.**
- **Never cover radiators (C) or thermostatic valves (B).**
- **Utilise the setting options offered by control unit (D) and the remote control.**
- **Controlled DHW consumption:** A shower generally uses less energy than a full bath.
- **Adjust the DHW temperature of DHW cylinder (E).**

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## Applicability

For heating systems with weather-compensated boiler and heating circuit control units and Vitotrol 300

Part no. 7179 060

## Your contact

Contact your local heating contractor if you have any questions regarding the maintenance and repair of your heating system. You may, for example, find local heating contractors on the internet under [www.viessmann.de](http://www.viessmann.de).

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Printed on environmentally friendly,  
chlorine-free bleached paper



5592 460 GB Subject to technical modifications.