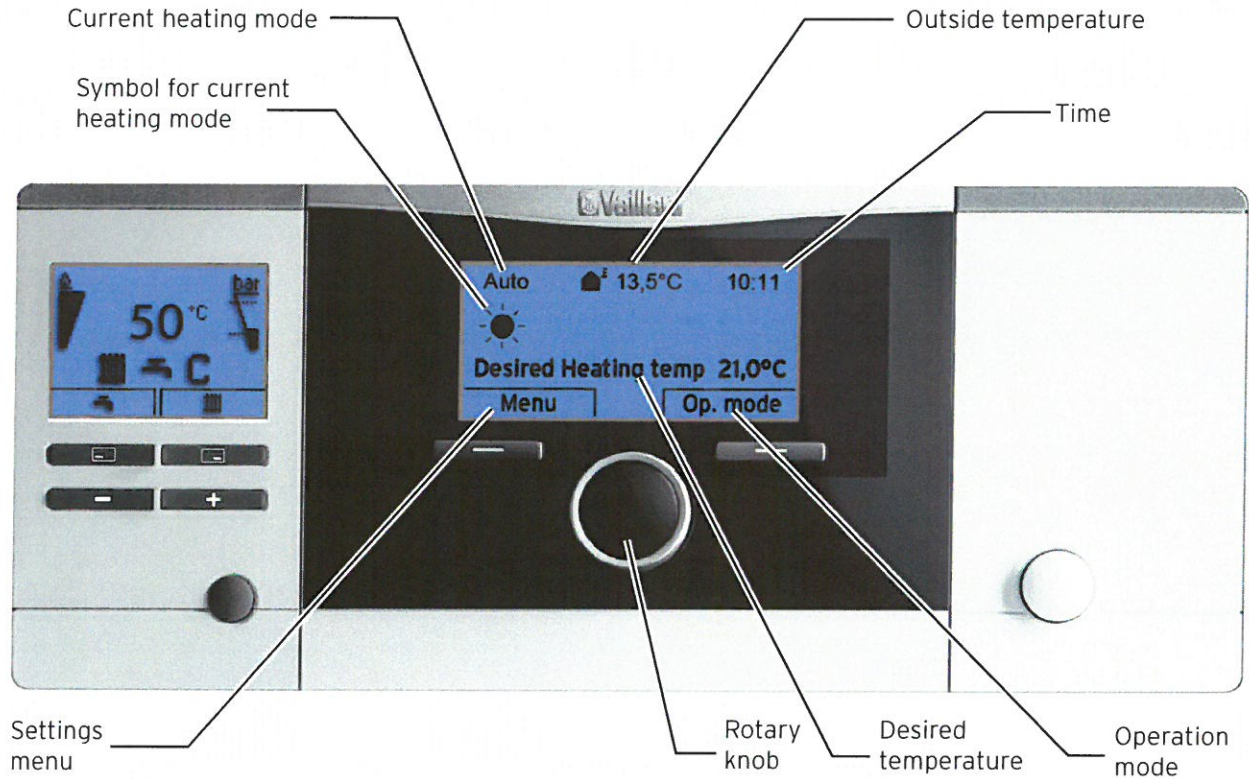


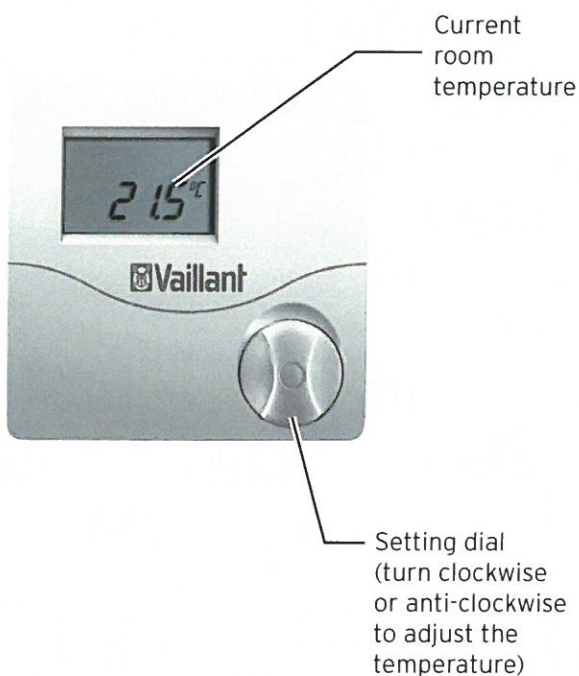
For the operator

# Basic Operating Instructions

## VRC 470 in the boiler



## VR 81 thermostat in the room



## Setting the room temperature

On the VR 81 room thermostat, you can only set the target room temperature. All other settings, e.g. setting operating modes or time windows, can only be made on the VRC 470 controller.

The current room temperature is displayed on the basic display.

- Turn the setting dial
- The current room temperature disappears. The set target room temperature appears and flashes. You can now change the set target room temperature.
- Turn the control anti-clockwise or clockwise to decrease or increase the target room temperature.
- The basic display reappears after five seconds. The new target room temperature is applied.

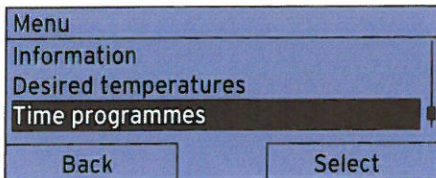


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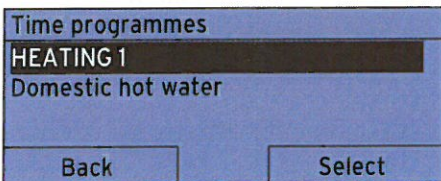
## VRC 470 Operation

### Setting the heating programme

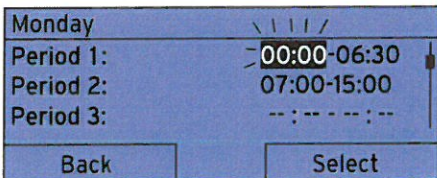
- Press the menu button
- Select 'Time programmes' using the rotary knob



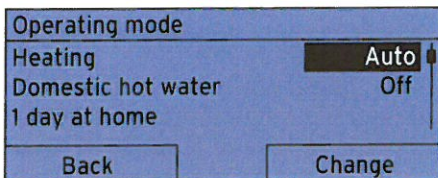
- Select 'HEATING 1'



- Turn the rotary knob to select day or groups of days



- Press 'Select'
- Use the rotary knob to adjust the time
- To operate the programmes press the mode button
- Select 'Automatic mode'



- Press 'Back' to return to the main screen
- The programme will now operate using the set programme and 'Desired temperatures' selected
- The symbols below will be displayed on the main screen

Symbol	Meaning
	Heating mode within a set time period (comfort mode)
	Heating mode outside a set time period (set-back mode)

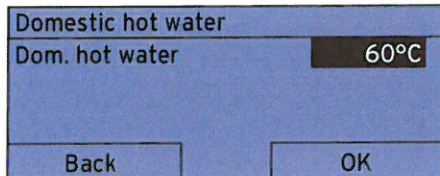
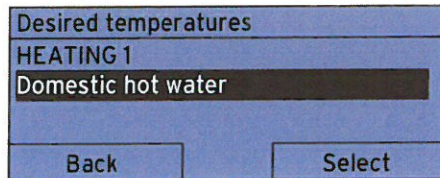
### Setting the hot water programme

The hot water programme is set up in the same way as the heating programme.

- Press the menu button
- Select 'Time programmes'
- Select 'Domestic hot water'
- Follow the steps for setting the heating programme

### Setting the hot water temperature

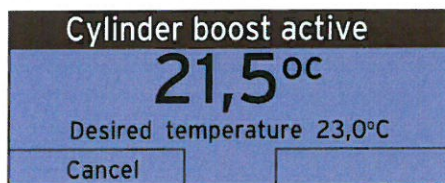
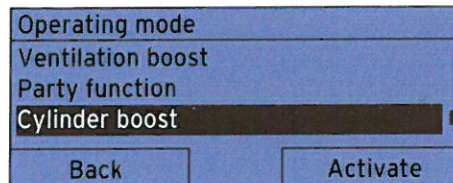
- Press the menu button
- Select 'Desired temperatures'
- Select 'Domestic hot water'



- Use the rotary knob to select the desired DHW temperature
- Press 'OK' to confirm
- Press 'Back' to return to the main screen to override the DHW programme

### Overriding the DHW

- Press the 'Mode' button
- Use the rotary knob to select cylinder boost



### Overview of operating modes

- To change the operating mode press the 'Mode' button
- Use the rotary knob to select the desired function
- Press 'Activate'

Mode	
Heating	Auto - activates the timed program Day - heating on constantly at the desired temperature Set-back - activates the heating continuously at the set-back temperature Summer - heating switched off
Domestic hot water	Off - hot water switched off Day - hot water on constantly Auto - activates the timed program
1 day at home	operates the heating continuously for one day at the desired temperature
Party function	heating and hot water switched on temporarily
Cylinder boost	hot water on outside the time program
System Off active	heating and hot water switched off, frost protection active