

## HEATER CONTROL AND OPERATION



### Switching on the heater

The heater is switched on by pressing the ON/OFF button.



If three lines appear on the display, the buttons are locked.

The buttons can be unlocked by pressing the ON/OFF and MENU buttons simultaneously until all LED segments on the display are lit (as shown in the picture).



The heater is switched on by pressing again the ON/OFF button.



### Starting the heating process

When the heater is switched on, the duration of heating last used is displayed (the default value is 2 hours).

The duration of heating can be changed by using the UP and DOWN buttons, either by repeatedly pressing them briefly or by keeping them depressed longer. The time will change in 30-minute increments.



The target temperature last used can be displayed by pressing the MENU button.



The temperature can be changed by using the UP and DOWN buttons, either by repeatedly pressing them briefly or by keeping them depressed longer.



### Timing of the heating process

The timing setting is displayed by pressing again the MENU button.



The right-hand decimal point on the display is lit as an indication of the fact that the timing setting is displayed.

The setting can be changed by using the UP and DOWN buttons, either by repeatedly pressing them briefly or by keeping them depressed longer. The time will first change in 30-minute increments, and after ten hours, in one-hour increments.



If the timing has been set and the ON/OFF button is pressed, the timing will start first and only after that the actual heating process.



During the timing, the right-hand decimal point on the display is blinking as an indication of the timing being in progress.

The timing setting can be changed during the timing process by using the UP and DOWN buttons, either by repeatedly pressing them briefly or by keeping them depressed longer.



If the timing setting is changed to zero or the ON/OFF button is pressed during the timing process, the timing process ends and the heating process starts immediately.



### Starting the heating

The duration of heating is displayed again by pressing the MENU button one more time. You can now start the heating by pressing the ON/OFF button. The current temperature will be displayed, and the right-hand decimal point on the display is lit as an indication of the heating process being in progress.



The target temperature can be adjusted by using the UP and DOWN buttons. When the target temperature has been adjusted, the current temperature will again be displayed after a while. The remaining heating time is displayed by pressing the MENU button during the heating process.



The heating process can be started by pressing again the MENU button.



The duration of heating can now be changed by using the UP and DOWN buttons, and the current temperature will be displayed when the change has been made. If the duration of heating is changed to zero, the heating stops immediately.



You can enter the menu by pressing the MENU and ON/OFF buttons simultaneously for a while. The abbreviation of the first parameter will be displayed.



### Stopping the heating or timing process

The heater can be turned off by pressing the ON/OFF button for a while during the heating or timing process or any other state.



The current value of the parameter can be displayed by pressing the MENU button.



You can change the parameter value by using the UP and DOWN buttons.



The chosen parameter value can be saved by pressing the MENU button so that the abbreviation of the parameter is again displayed.



### Quick start of the heating process

The heating process can be started quickly by pressing the MENU button. That sets the duration of heating to two hours and the target temperature to the value last used (the default value is 70 °C).



You can leave the menu by pressing the ON/OFF button. This will also switch the heater off.



If three lines appear on the display, the buttons are locked. The buttons can be unlocked by pressing the ON/OFF and MENU buttons simultaneously until all LED segments on the display are lit (as shown in the picture).



Parameter	Abbreviation	Value range	Default value
Button locking	---	on/off	ON

### Error codes

When a known fault situation arises, an error code is displayed. It has one of the following meanings:

Error code	Meaning
E01	The overheating protector has tripped
E02	The thermal sensor is out of order
E03	The thermal sensor is not connected