

Operating instructions

SmartControl

MultiControl (incl. Timer-Function)



Contents

1	Introduction	6
1.1	The aim of the document	6
1.2	The way of handling this document	6
1.3	Use of symbols and emphases	6
1.4	Warranty and responsibility	7
2	Safety	7
2.1	Intended use	7
2.2	Safety instructions	7
3	Overview	9
3.1	Control element and menu structure	9
3.2	Symbols	9
3.3	Buttons and control	11
3.3.1	Back-function	11
3.4	Status display	11
3.5	Passive display mode	12
4	Operating and setting	13
4.1	Start display after switching on	14
4.2	Air heaters	14

4.3	Heating set-up	14
4.3.1	Switching on the heater by means of quick start button	14
4.3.2	Switching on the heater through heating menu	15
4.3.3	Temperature set during operation	16
4.3.4	Setting heating mode during operation	16
4.3.5	Adjusting the remaining operation time during functioning	17
4.3.6	Switching off heating	18
4.4	Setting ventilation	18
4.4.1	Switching on ventilation by means of quick start button	19
4.4.2	Setting ventilation through main menu	19
4.4.3	Adjusting the remaining operation time during functioning	20
4.4.4	Setting fan speed during operation	21
4.4.5	Switching off ventilation	21
4.5	Timer programming	22
4.5.1	Creation and activation of timers	22
4.5.2	Deactivation, editing and removal of the programmed timer	26
4.6	Water heater	27
4.7	Heating set-up	27
4.7.1	Switching on the heater by means of quick start button	27
4.7.2	Switching on the heater through heating menu	28
4.7.3	Adjusting the remaining operation time during functioning	29
4.7.4	Switching off heating	30

4.8	Setting ventilation	30
4.8.1	Switching on ventilation by means of quick start button	30
4.8.2	Setting ventilation through the ventilation menu	30
4.8.3	Adjusting the remaining operation time during functioning	31
4.8.4	Switching off ventilation	32
4.9	Timer programming	32
4.9.1	Creating and enabling timers	32
4.9.2	Deactivation, editing and removal of the programmed timer	35
4.9.3	Removing all programmed timers	36
4.10	General settings	37
4.11	Quick start settings of air heaters	37
4.11.1	Setting the heating	37
4.11.2	Setting ventilation	38
4.12	Quick start settings of water heaters	40
4.12.1	Setting heating	40
4.12.2	Setting ventilation	41
4.13	Setting the day of the week	42
4.14	Setting the time	43
4.15	Language settings	44
4.16	Setting the temperature unit	45
4.17	Setting brightness	46
4.18	Setting screen shut-off	46

4.19	Setting day/night illumination	47
4.20	Displaying the system information	50
4.21	Displaying stored error information	51
4.22	Performing reset	52
5	Cleaning	53
6	Error message	53
6.1	Error codes	54
7	Disposal	55
8	Technical support and customer service	55
9	Technical data	55

1 Introduction

1.1 The aim of the document

This instruction manual is a part of the device and it contains information for the user enabling safe use of the device.



All the functions of the heater are explained in the instruction manual. The actual availability of these functions depends on each installed heater and installed additional devices.

If you have any questions please consult the technical support and/or customer service (see chapter “Technical support and customer service”)

1.2 The way of handling this document

- ▶ Before starting to use this heater please read the following instruction manual and heater instruction manual.
- ▶ Please pass the instruction manual on to the later owners and users of this device.
- ▶ Only authorized and skilled personnel can perform an assembly.
- ▶ Please use only original Webasto parts.

1.3 Use of symbols and emphases

An emphasis	Explanation
	WARNING Type and source of danger Effect: Failure to follow the instruction manual guidelines can lead to serious injuries or death ▶ Actions protecting against dangers
✓	The requirement for this operating manual.
▶	Operating manual
	Note
Control element	Name of control elements

1.4 Warranty and responsibility

Webasto company does not take on the responsibility for defects and damaged caused by not following assembly and instruction manual as well as tips contained in them.

The above-mentioned liability exclusion is applicable in particular for:

- Incorrect use
- Repairs which are not performed by Webasto technical support staff
- Use of non-original parts
- Modification of the device without Webasto's consent

2 Safety

2.1 Intended use

Installed control element serves for controlling the heater.

2.2 Safety instructions

Danger of explosion in an area of flammable fumes and dust and hazardous substances (e.g. on the petrol stations, nearby fuel systems, petrol warehouses, coal, timber or corn)

- ▶ Do not turn on and operate the heater.

The danger of poisoning and suffocation caused by the exhaust fumes in the enclosed areas

- ▶ Do not turn on and operate the heater.

Flammables or fluids in the stream of hot air pose the risk of fire

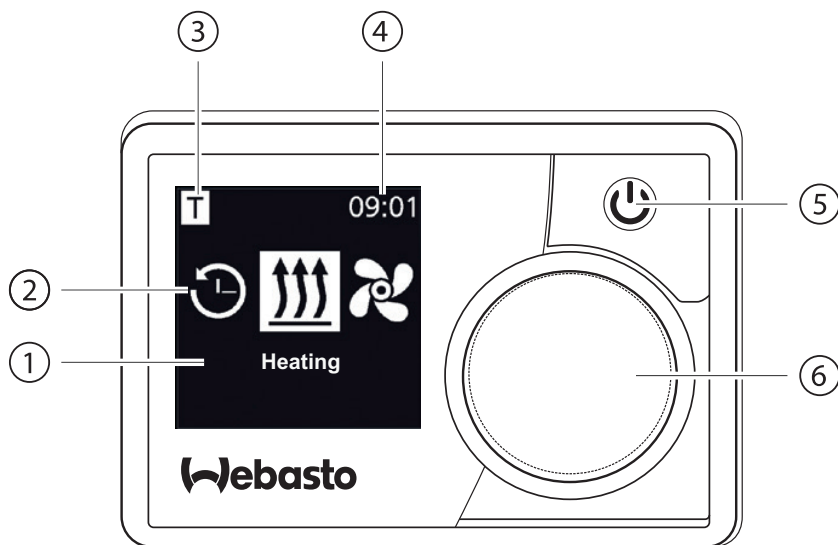
- ▶ Do not block the stream of hot air.

Risk of injuries because of faulty device


- ▶ Do not use the faulty heater.
- ▶ Contact Webasto technical support.

3 Overview





3.1 Control element and menu structure






























- | | |
|----------------------------------|---|
| 1 Menu name | 4 Hour |
| 2 Menu symbol | 5 Quick start button with status display |
| 3 Activated time settings | 6 Control knob |


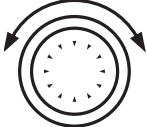
 The following function settings are at the disposal in the main menu: timer, heating, ventilation and settings.

3.2 Symbols

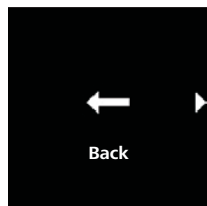
Symbol	Description	Symbol	Description
	Timer		Ventilation
	Heating		Settings

Symbol	Description	Symbol	Description
	Heating-Normal		Heating-Eco
	Heating-Boost		Fan speed (level 1-4)
	Add timer		Activate timer
	Deactivate timer		Delete timer
	Delete all timers		Active timer
	Quick start		Day of the week
	Time		Language
	Temperature unit		Day/Night
	System information		Error information
	Reset		Service required
	To the left		Note
	Back		To the right
	12 hour format		OK
	Undervoltage		ADR

3.3 Buttons and control

Button	Control and function
	Quick start button with status display (backlight)
	Control knob (turn/push button) for selection and confirmation of the selected functions.

3.3.1 Back-function



By means of back-function one can always leave the chosen menu and go to the previous menu level.

3.4 Status display

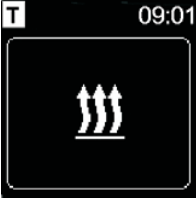





Status of the heater is indicated by means of the colour backlight of the quick start button.

Status	LED backlight	
Heating mode	GREEN	permanent
Ventilation mode	BLUE	permanent
Switched off heater-control element is activated	WHITE	permanent
Error-no heating mode	RED	flashing
Preprogrammed heating mode- control element in stand-by mode*	GREEN	flashing
Preprogrammed ventilation mode- control element in stand-by mode*	WHITE	flashing

* If a user does not make any entry by means of the control element for 60 seconds and the heater is switched off then the control element will go into the stand-by mode (display and LED are switched off).

3.5 Passive display mode

If the heater is activated by other Webasto control element (e.g. by a radio remote control) then MultiControl/SmartControl wake up from the sleep mode and the operation mode is shown on the display by other control element (heating, ventilation). Displayed information depends on the connected heater.

Display	Operation mode
	Heating  The passive mode can be deactivated by pressing quick start button. The heater is switched off.
	Ventilation  The passive mode can be deactivated by pressing quick start button. The heater is switched off.
	Heating and ventilation  There is a possibility of combined display of ventilation and heating symbols depending on the connected heater.

4 Operating and setting



WARNING

Danger of explosion caused by the fumes and dust and hazardous substances

Serious burns

- ▶ Switch off the heater on the petrol stations, nearby fuel systems in the area of petrol warehouses, coal, timber or corn.



WARNING

Inhaling poisonous gases in the enclosed rooms

Poisoning and suffocation

- ▶ Never use the heater also in the case of programmed heater in the enclosed rooms, e.g. garages or workshops without exhaust fume extraction system.

In order to make it possible for you to enjoy the full comfort of using Webasto heater you are requested to make yourself familiar with the instruction manual. Questions connected with the assembly and functioning of the device should be addressed to the seller or the installation workshop. They will provide you with reliable and competent advice.

You can also contact one of our offices. You can find address data in the chapter "Technical support and customer service".

Please keep this instruction manual.

Have a nice trip!

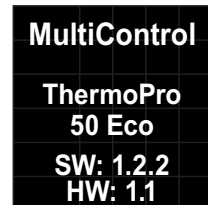
4.1 Start display after switching on



The following information about the connected heater and control element is shown in the start display:

- Name of the connected control element
- Name of the connected heater
- Software version of the connected control element
- Hardware version of the connected control element

The view returns to the main menu after 1.5 seconds.



4.2 Air heaters

4.3 Heating set-up



Three heating modes* can be selected:



Eco (energy saving mode)



Normal (comfort heating)



Boost (rapid heating)

They differ in terms of energy consumption and time during which the set temperature is reached. Eco heating programme needs the least energy. However, it takes more time to reach the set temperature.

* depending on the installed heater.

4.3.1 Switching on the heater by means of quick start button

“Quick start” function enables heating or ventilation by simply pressing the button. In heating mode one can preset heating mode, temperature, operating time. Instruction manual and description of the settings can be found in the chapter “Setting the quick start”.

 In delivery condition this function is preset with the standard values.

✓ Quick start button is programmed for heating.



▶ Press quick start button.



Heating starts functioning.

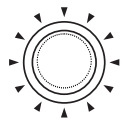
Heating symbol is shown in the display as well as initially set heating temperature.

Quick start button shows green light.



4.3.2 Switching on the heater through heating menu

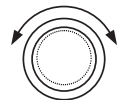
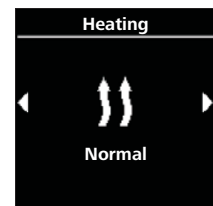
✓ Heating symbol has been selected in the main menu.



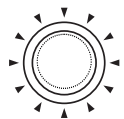
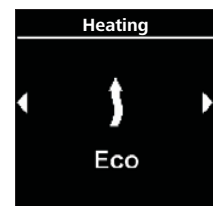
▶ Press the control knob.



Heating mode is shown in the display. If only one heating mode is available then this menu item is not displayed.



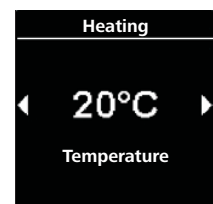
▶ Turn the control knob in order to choose the desired heating mode.

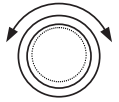


▶ Press the control knob in order to confirm selection.



Heating temperature is shown in the display.




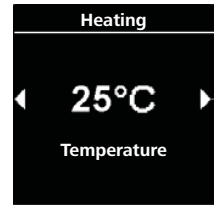


- ▶ Turn the **control knob** in order to choose the desired temperature.



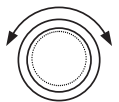
- ▶ Press the **control knob** in order to confirm selection

- ▶  Heating starts functioning.
Heating symbol and selected heating temperature are shown in the display.
Quick start button shows green light.

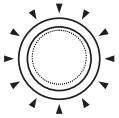


4.3.3 Temperature set during operation

- ✓ The heater is in the heating mode.



- ▶ Turn the **control knob** in order to choose the desired temperature.

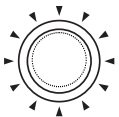


- ▶ Press the **control knob** within 5 seconds in order to confirm selection.

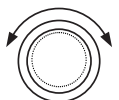


4.3.4 Setting heating mode during operation

- ✓ The heater is in the heating mode.

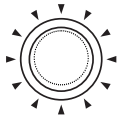


- ▶ Press the **control knob** in order go from temperature selection to heating mode selection.



- ▶ Turn the **control knob** in order to choose the desired heating mode*.



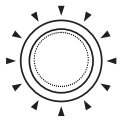


- ▶ Press the control knob within 5 seconds in order to confirm selection.

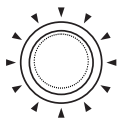
* depending on the installed heater.

4.3.5 Adjusting the remaining operation time during functioning

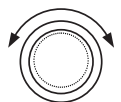
✓ The heater is in the heating mode.



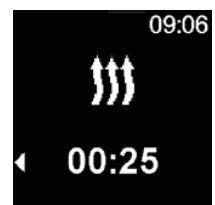
- ▶ Press the control knob in order go from temperature selection to heating mode selection.




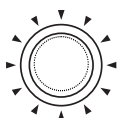
- ▶ Press the control knob in order go from heating mode selection to remaining operation time selection.



- ▶ Turn the control knob in order to adjust remaining operation time.



 By means of turning the control knob in anticlockwise direction one can shorten remaining operation time.
If longer remaining operation time is desired then longer remaining operation time must be reset.



- ▶ Press the control knob within 5 seconds in order to confirm selection.

4.3.6 Switching off heating

✓ The heater is in the heating mode.



▶ Press quick start button.



Display shows the main menu.

Backlight of quick start button changes its colour from green into white colour.



4.4 Setting ventilation



Ventilation function activates only the fan, heating function is still on. First of all, it enables to cool the interior by providing fresh air during air inlet from the outside.



There are four fan speeds available.

They differ in the strength of air flow and in how fast the air exchange takes place.



Fan speed 1



Fan speed 2



Fan speed 3



Fan speed 4

4.4.1 Switching on ventilation by means of quick start button

“Quick start” function enables heating or ventilation by simply pressing the button. In ventilation mode one can initially set fan speed, operating time. Instruction manual and description of the settings can be found in the chapter “Setting the quick start”.

✓ Quick start button is programmed for ventilation.

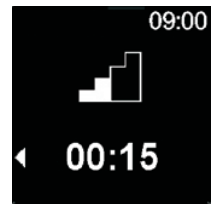


▶ Press quick start button.

💡 Ventilation starts functioning.

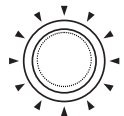
Fan speed and operating time are shown in the display.

Quick start button shows blue light.



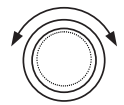
4.4.2 Setting ventilation through main menu

✓ “Ventilation” symbol has been selected in the main menu.

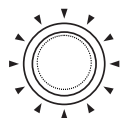


▶ Press the control knob.

💡 The set fan speed is shown in the display.

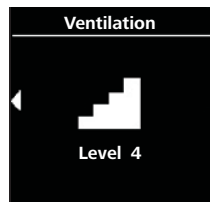
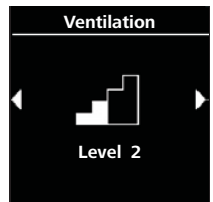


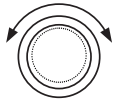
▶ Turn the control knob in order to choose the desired fan speed.




▶ Press the control knob in order to confirm selection.

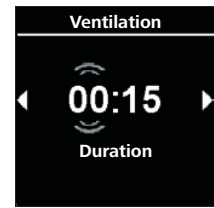
💡 Duration flickers in the display.



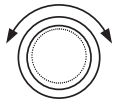


- ▶ Turn the **control knob** in order to choose the desired duration of "an hour".

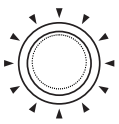
 By means of turning the control knob in clockwise direction one can select and activate maximum duration.



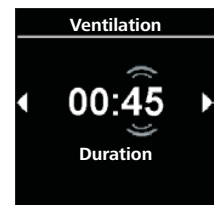
- ▶ Press the **control knob** in order to confirm selection.




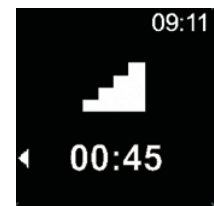
- ▶ Turn the **control knob** in order to choose duration of "a minute".



- ▶ Press the **control knob** in order to confirm selection.

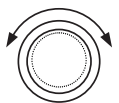


 Ventilation starts functioning.
Fan speed and selected duration are shown in the display.
Quick start button shows blue light.




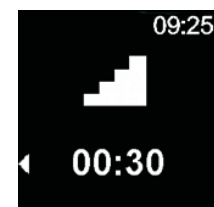
4.4.3 Adjusting the remaining operation time during functioning

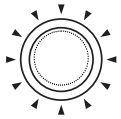
✓ The heater is in the ventilating mode.



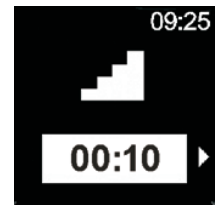
- ▶ Turn the **control knob** in order to adjust the desired remaining operation time.

 By means of turning the control knob in anticlockwise direction one can shorten remaining operation time. If the longer remaining operation time is desired then the longer operation time must be reset.



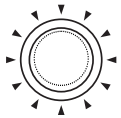


- ▶ Press the control knob within 5 seconds in order to confirm selection.

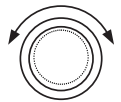
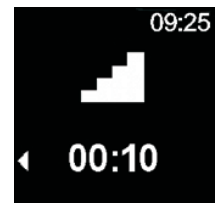


4.4.4 Setting fan speed during operation

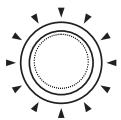
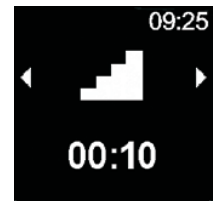
- ✓ The heater is in the ventilating mode.



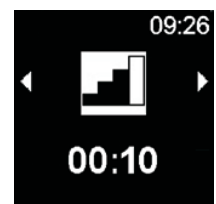
- ▶ Press the control knob in order go from remaining operation time selection to fan speed selection.



- ▶ Turn the control knob in order to choose fan speed.



- ▶ Press the control knob within 5 seconds in order to confirm selection.



4.4.5 Switching off ventilation

- ✓ The heater is in the ventilating mode.



- ▶ Press quick start button.

 Display shows the main menu.

Backlight of quick start button changes its colour from blue into white colour.



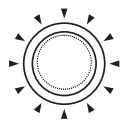
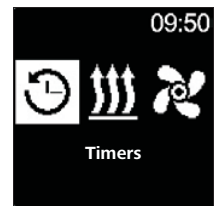
4.5 Timer programming


 This function is available for control element of MultiControl.

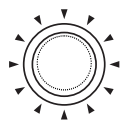
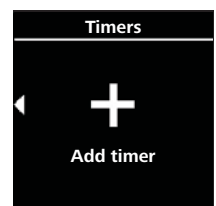
There is a possibility of programming the time settings 7 days in advance. The heater switches on automatically at the programmed time. There is a possibility of saving up to 3 time settings per day and altogether up to 21 time settings. Depending on the used variant of MultiControl device and application case (e.g. in a car, in a truck, on the boat, etc.), the number of actively available timers can fluctuate. There are maximum 21 active timers available.

4.5.1 Creation and activation of timers

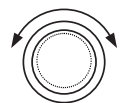
- ✓ Time and current day of week are set.
- ✓ The heater is switched off.
- ✓ "Timer" symbol has been selected in the main menu.



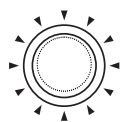
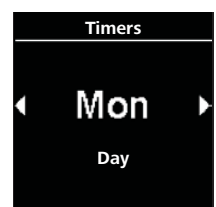
- ▶ Press the control knob.
 "Add timer" message (in no timer has been saved yet) appears in the display.



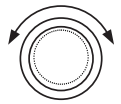
- ▶ Press the control knob in order to add new timer.



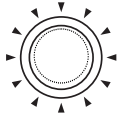
- ▶ Turn the control knob in order to choose "Day".



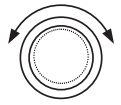
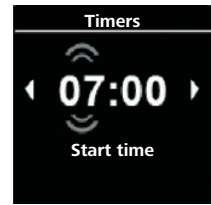
- ▶ Press the control knob in order to confirm selection.



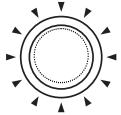
- ▶ Turn the control knob in order to choose the switch-on time of "an hour".



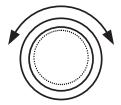
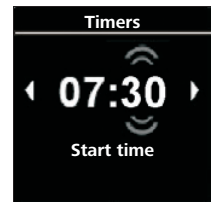
- ▶ Press the control knob in order to confirm selection.



- ▶ Turn the control knob in order to choose switch-on time of "a minute".



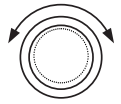
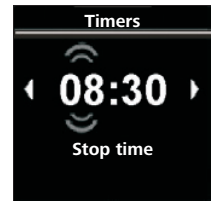
- ▶ Press the control knob in order to confirm selection.



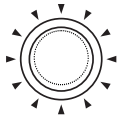
- ▶ Turn the control knob in order to choose the switch-off time of "an hour".



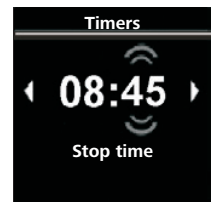
- ▶ Press the control knob in order to confirm selection.



- ▶ Turn the control knob in order to choose switch-off time of "a minute".

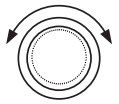


- ▶ Press the control knob in order to confirm selection.



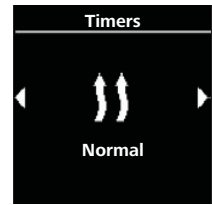
In respect to the desired operation modes ("heating" or "ventilation") one should set the desired temperature ("heating" operation mode) or fan speed ("ventilation" operation mode).

- ✓ One should set the timer for "heating" operation mode.

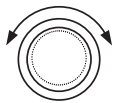


► Turn the **control knob** in order to choose the desired heating mode.

💡 Options available: Eco (power saving mode), normal (comfort heating), Boost (rapid heating).

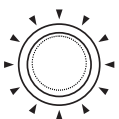
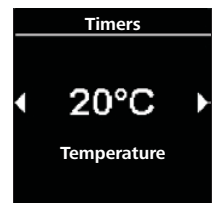


► Press the **control knob** in order to confirm selection.



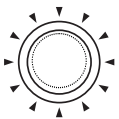
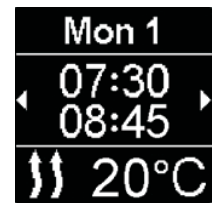
► Turn the **control knob** in order to choose the desired temperature.

💡 Temperature range: 5 - 35°C, 41 - 95°F.



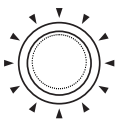
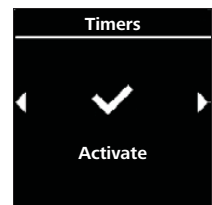
► Press the **control knob** in order to confirm selection.

💡 The programmed timer is saved and shown in the display.



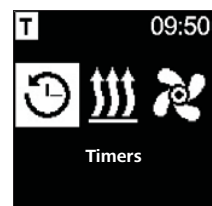
► Press the **control knob** in order to activate the programmed timer.

💡 "Activate" message appears in the display.

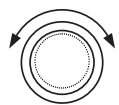


► Press the **control knob** in order to confirm selection.

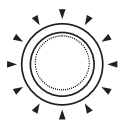
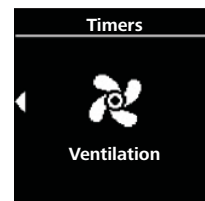
💡 Numbering of timers is established according to programming sequence. Activated time setting is marked by white bars. "T" symbol appears in the main menu. Quick start button flashes green when timer together with heating is active but the display is off.



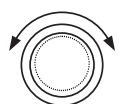
✓ One should set the timer for “ventilation” operation mode.



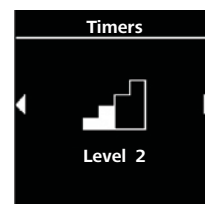
▶ Turn the **control knob** in order to choose the desired “Ventilation” mode.



▶ Press the **control knob** in order to confirm selection.



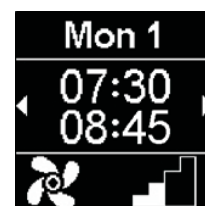
▶ Turn the **control knob** in order to choose the desired fan speed.



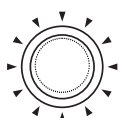
💡 Options available: Fan speed 1-4.



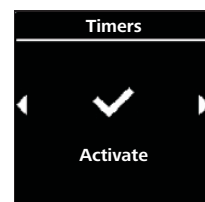
▶ Press the **control knob** in order to confirm selection.



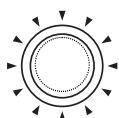
💡 The programmed timer is saved and shown in the display.



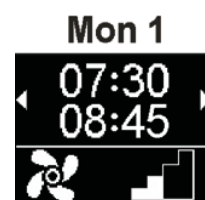
▶ Press the **control knob** in order to activate the programmed timer.



💡 “Activate” message appears in the display.



▶ Press the **control knob** in order to confirm selection.

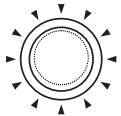


💡 Activated time setting is marked by white bars. “T” symbol appears in the main menu.

Quick start button flashes white when timer together with ventilation is active but the display is off.

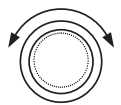
4.5.2 Deactivation, editing and removal of the programmed timer

✓ "Timer" symbol has been selected in the main menu.

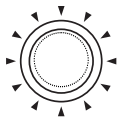


▶ Press the control knob.

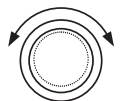
💡 The stored timers appear in the display. Timers are arranged in chronological order according to days/hours. Next active timer is displayed as the first one.



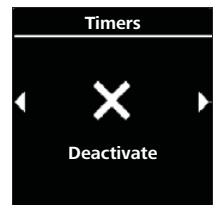
▶ Turn the control knob in order to choose the desired "Timer".



▶ Press the control knob in order to confirm selection

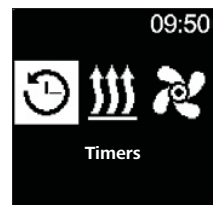


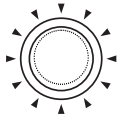
▶ Turn the control knob in order to choose operation (activate/deactivate/edit/delete).



Remove all programmed timers.

✓ "Timer" symbol has been selected in the main menu.

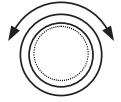




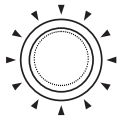
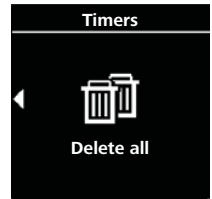
- ▶ Press the control knob.



The stored timers appear in the display.



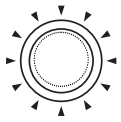
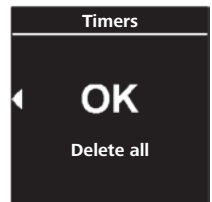
- ▶ Turn the control knob clockwise until “Delete all” message is shown in the display.



- ▶ Press the control knob in order to confirm selection.



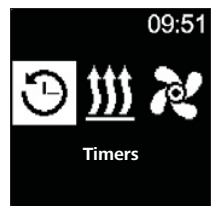
“OK” is shown in the display.



- ▶ Press the control knob in order to confirm selection.



All programmed timers have been removed. The main menu is shown in the display.



4.6 Water heater

4.7 Heating set-up

4.7.1 Switching on the heater by means of quick start button

“Quick start” function enables heating or ventilation by simply pressing the button. Operation time can be initially set. Instruction manual and description of the settings can be found in the chapter “Setting the quick start”.

- ✓ Quick start button is programmed for heating.



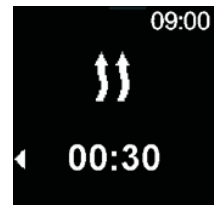
- ▶ Press quick start button.



Heating starts functioning.

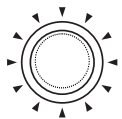
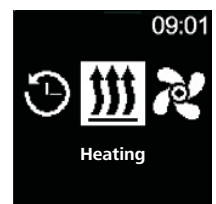
Heating symbol and preset remaining operation time appear in the display.

Quick start button shows green light.



4.7.2 Switching on the heater through heating menu

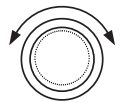
- ✓ Heating symbol has been selected in the main menu.



- ▶ Press the control knob.



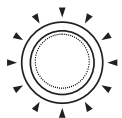
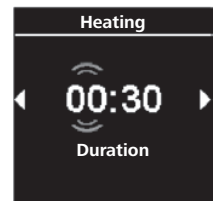
Operation time flickers in the display.



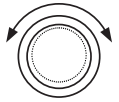
- ▶ Turn the control knob in order to choose the duration of "an hour".



By means of turning the control knob in a clockwise direction one can select and activate maximum duration.



- ▶ Press the control knob in order to confirm selection.



- ▶ Turn the **control knob** in order to choose duration of "a minute".



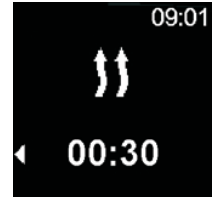
- ▶ Press the **control knob** in order to confirm selection.



Heating starts functioning.

Heating symbol and preset remaining operation time appear in the display.

Quick start button shows green light.

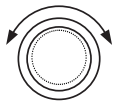


4.7.3 Adjusting the remaining operation time during functioning

- ✓ The heater is in the heating mode.



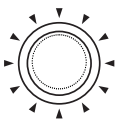
During use the remaining operation time can be only reduced. One cannot make any changes from the minimum duration which amounts to 10 minutes. Increasing the operation time is possible only after performing switching off and restarting the device earlier.



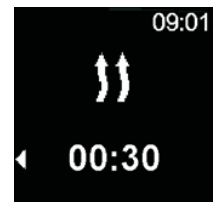
- ▶ Turn the **control knob** in order to adjust the desired remaining operation time.



By means of turning the control knob in anticlockwise direction one can shorten remaining operation time.



- ▶ Press the **control knob** within 5 seconds in order to confirm selection.



4.7.4 Switching off heating

- ✓ The heater is in the heating mode.



- ▶ Press quick start button.



The main menu appears in the display.

Backlight of quick start button changes its colour from green into white colour.



4.8 Setting ventilation

4.8.1 Switching on ventilation by means of quick start button

“Quick start” function enables heating or ventilation by simply pressing the button. Operation time can be preset. Instruction manual and description of the settings can be found in the chapter “Setting the quick start”.

- ✓ Quick start button is programmed for ventilation.



- ▶ Press quick start button.



Ventilation starts functioning.

Ventilation symbol and the remaining operation time appear in the display.

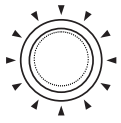
Quick start button shows blue light.



4.8.2 Setting ventilation through the ventilation menu

- ✓ “Ventilation” symbol has been selected in the main menu.

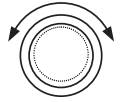




- ▶ Press the control knob.



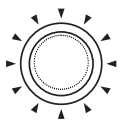
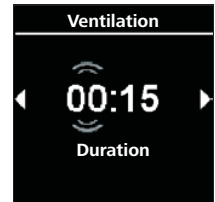
Operation time flickers in the display.



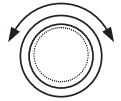
- ▶ Turn the control knob in order to choose the duration of "an hour".



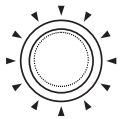
By means of turning the control knob in a clockwise direction one can select and activate maximum duration.



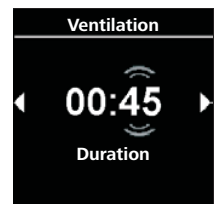
- ▶ Press the control knob in order to confirm selection.



- ▶ Turn the control knob in order to choose duration of "a minute".



- ▶ Press the control knob in order to confirm selection.



Ventilation starts functioning.

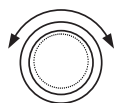
Ventilation symbol and the remaining operation time appear in the display.



Quick start button shows blue light.

4.8.3 Adjusting the remaining operation time during functioning

- ✓ The heater is in the ventilating mode.



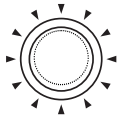
- ▶ Turn the control knob in order to adjust the desired remaining operation time.



By means of turning the control knob in an anticlockwise direction one can shorten the remaining operation time.

If longer remaining operation time is desired then longer remaining operation time must be reset.





- ▶ Press the control knob within 5 seconds in order to confirm selection.



4.8.4 Switching off ventilation

- ✓ The heater is in the ventilating mode.



- ▶ Press quick start button.



- The main menu appears in the display. Backlight of quick start button changes its colour from blue into white colour.



4.9 Timer programming



This function is available for control element of MultiControl.

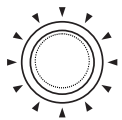
There is a possibility of programming the time settings 7 days in advance. The heater switches on automatically at the programmed time. There is a possibility of saving up to 3 time settings per day and altogether up to 21 time settings.

Depending on the used variant of MultiControl device and application case (e.g. in a car, in a truck, on the boat, etc.), the number of actively available timers can fluctuate. There are maximum 21 active timers available.

4.9.1 Creating and enabling timers

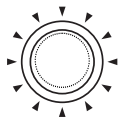
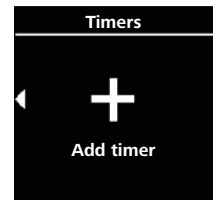
- ✓ Time and current day of week are set.
- ✓ The heater is switched off.

✓ "Timer" symbol has been selected in the main menu.



▶ Press the control knob.

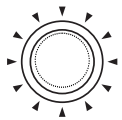
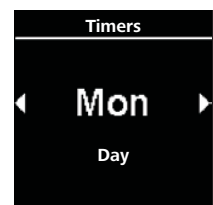
💡 "Add timer" message (if no timer has been saved yet) appears in the display.



▶ Press the control knob in order to add new timer.



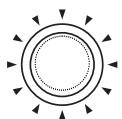
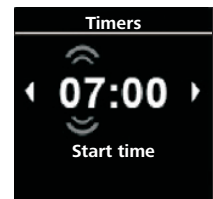
▶ Turn the control knob in order to choose "Day".



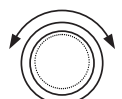
▶ Press the control knob in order to confirm selection.



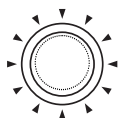
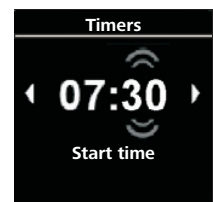
▶ Turn the control knob in order to choose the start time of "an hour".



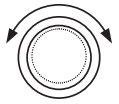
▶ Press the control knob in order to confirm selection.



▶ Turn the control knob in order to choose the start time of "a minute".



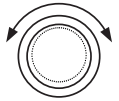
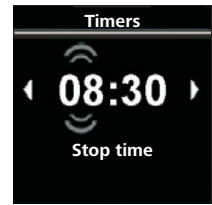
▶ Press the control knob in order to confirm selection.



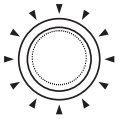
▶ Turn the control knob in order to choose the stop time of “an hour”.



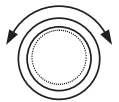
▶ Press the control knob in order to confirm selection.



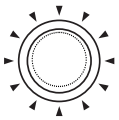
▶ Turn the control knob in order to choose the stop time of “a minute”.



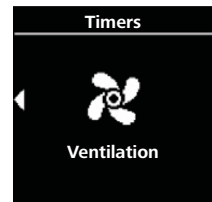
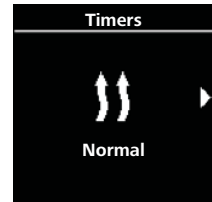
▶ Press the control knob in order to confirm selection.




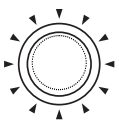
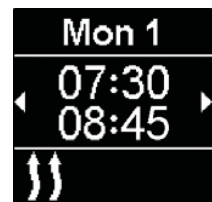
▶ Turn the control knob in order to choose the desired operation mode (“heating” or “ventilation”).




▶ Press the control knob in order to confirm selection.

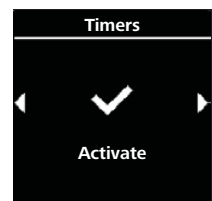


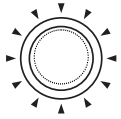
 The programmed timer is saved and shown in the display.




▶ Press the control knob in order to activate the programmed timer.

 “Activate” message appears in the display.

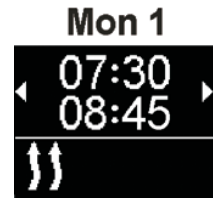




- ▶ Press the **control knob** in order to confirm selection.

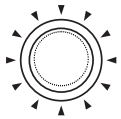
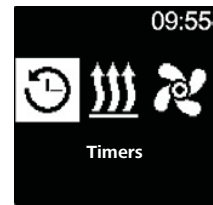
 Numbering of timers is established according to programming sequence. Activated time setting is marked by white bars. "T" symbol appears in the main menu. Quick start button flashes green when timer together with heating is active but the display is off.

Quick start button flashes blue when timer together with ventilation is active but the display is off.




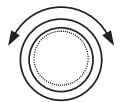
4.9.2 Deactivation, editing and removal of the programmed timer

✓ "Timer" symbol has been selected in the main menu.

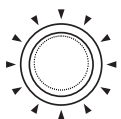


- ▶ Press the **control knob**.

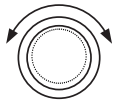
 Stored timers appear in the display. Timers are arranged in chronological order according to days/ hours. Next active timer is displayed as the first one.



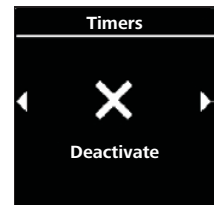
- ▶ Turn the **control knob** in order to choose the desired "Timer".



- ▶ Press the **control knob** in order to confirm selection.

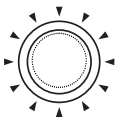


- ▶ Turn the control knob in order to choose operation (activate/deactivate/edit/delete).

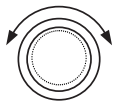


4.9.3 Removing all programmed timers

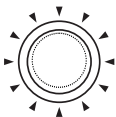
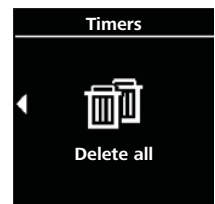
- ✓ "Timer" symbol has been selected in the main menu.



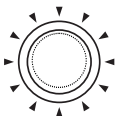
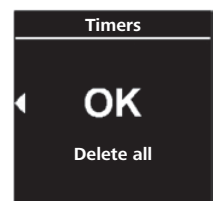
- ▶ Press the control knob.
 - 💡 The stored timers appear in the display.



- ▶ Turn the control knob clockwise until "Delete all" message is shown in the display.



- ▶ Press the control knob in order to confirm selection.
 - 💡 "OK" is shown in the display.



- ▶ Press the control knob in order to confirm selection.
 - 💡 All programmed timers have been removed. The main menu is shown in the display.

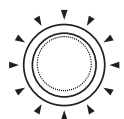


4.10 General settings

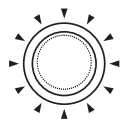
4.11 Quick start settings of air heaters

4.11.1 Setting the heating

✓ "Settings" symbol has been selected in the main menu.



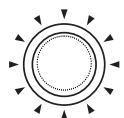
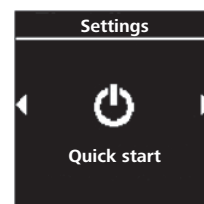
▶ Press the control knob.



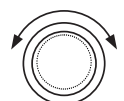
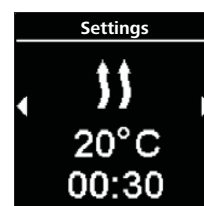
▶ Press the control knob in order to choose "Quick start" submenu.



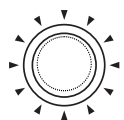
Heating mode appears in the display.



▶ Press the control knob in order to confirm selection.



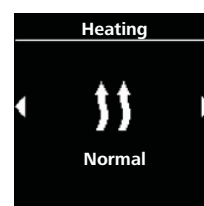
▶ Turn the control knob in order to choose the desired heating mode*.

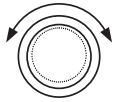


▶ Press the control knob in order to confirm selection.

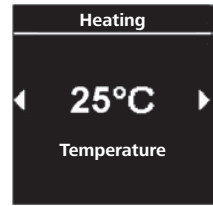


Temperature appears in the display.





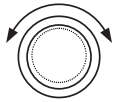
- ▶ Turn the **control knob** in order to choose the desired temperature.



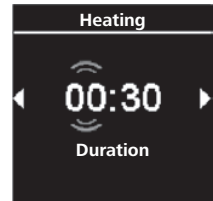
- ▶ Press the **control knob** in order to confirm selection.



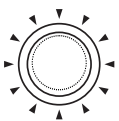
Duration flickers in the display.



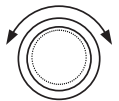
- ▶ Turn the **control knob** in order to choose the duration of "an hour".



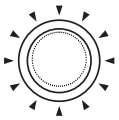
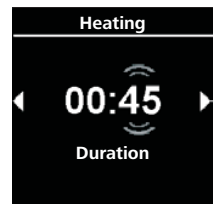
By means of turning the control knob in a clockwise direction one can select and activate maximum duration.



- ▶ Press the **control knob** in order to confirm selection.



- ▶ Turn the **control knob** in order to choose the duration of "a minute".



- ▶ Press the **control knob** in order to confirm selection.

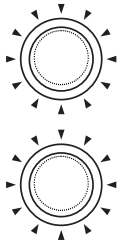


Quick start button is configured by means of the appropriate settings.


4.11.2 Setting ventilation

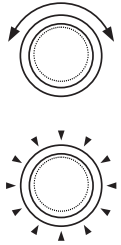
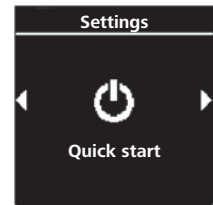
- ✓ "Settings" symbol has been selected in the main menu.






- ▶ Press the control knob.
- ▶ Press the control knob in order to choose "Quick start" submenu.

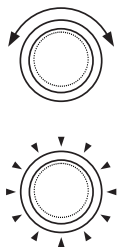
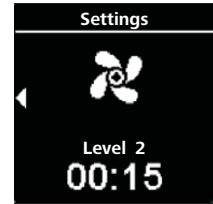
 Heating mode appears in the display.



- ▶ Turn the control knob in order to choose the desired "Ventilation" mode.

- ▶ Press the control knob in order to confirm selection.

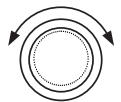
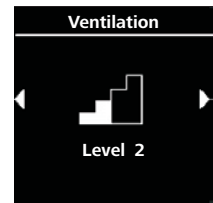
 Four fan speeds appear in the display.




- ▶ Turn the control knob in order to choose the desired fan speed.

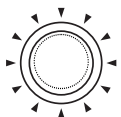
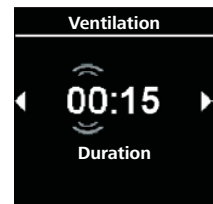
- ▶ Press the control knob in order to confirm selection.

 Duration flickers in the display.

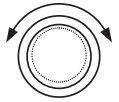


- ▶ Turn the control knob in order to choose the duration of "an hour".

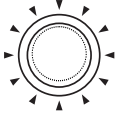
 By means of turning the control knob in a clockwise direction one can select and activate maximum duration.




- ▶ Press the control knob in order to confirm selection.

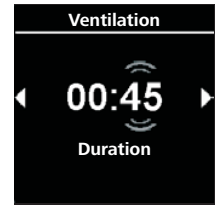


- ▶ Turn the control knob in order to choose the duration of "a minute".



- ▶ Press the control knob in order to confirm selection.

 Quick start button is configured by means of the appropriate settings.



4.12 Quick start settings of water heaters

4.12.1 Setting heating

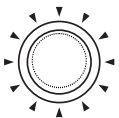
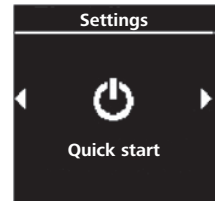
✓ "Settings" symbol has been selected in the main menu.



- ▶ Press the control knob.
- ▶ Press the control knob in order to choose "Quick start" submenu.

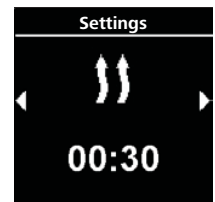


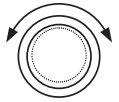
 Heating mode appears in the display.



- ▶ Press the control knob in order to confirm selection.

 Duration flickers in the display.



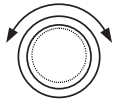


- ▶ Turn the control knob in order to choose the duration of "an hour".

💡 By means of turning the control knob in a clockwise direction one can select and activate maximum duration.



- ▶ Press the control knob in order to confirm selection.



- ▶ Turn the control knob in order to choose the duration of "a minute".



- ▶ Press the control knob in order to confirm selection.

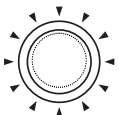
💡 Quick start button is configured by means of the appropriate settings.



4.12.2 Setting ventilation

💡 "Ventilation" function is not available in all water heaters.

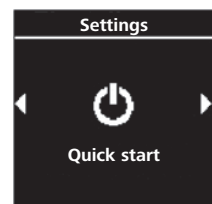
✓ "Settings" symbol has been selected in the main menu.

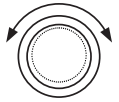


- ▶ Press the control knob.
- ▶ Press the control knob in order to choose "Quick start" submenu.

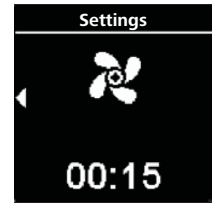


💡 Heating mode appears in the display.



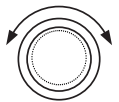


- ▶ Turn the **control knob** in order to choose the desired "Ventilation" mode.

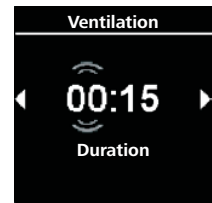



- ▶ Press the **control knob** in order to confirm selection.

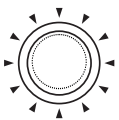
 Duration flickers in the display.



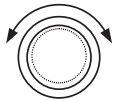
- ▶ Turn the **control knob** in order to choose the duration of "an hour".



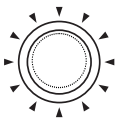
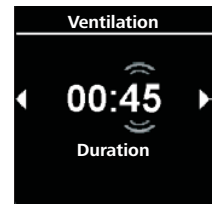
 By means of turning the control knob in a clockwise direction one can select and activate maximum duration.




- ▶ Press the **control knob** in order to confirm selection.



- ▶ Turn the **control knob** in order to choose the duration of "a minute".

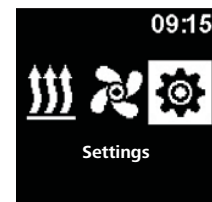


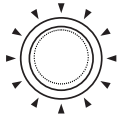
- ▶ Press the **control knob** in order to confirm selection.

 Quick start button is configured by means of the appropriate settings.

4.13 Setting the day of the week

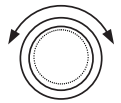
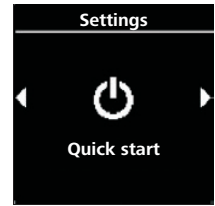
- ✓ "Settings" symbol has been selected in the main menu.



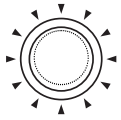


▶ Press the control knob.

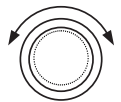
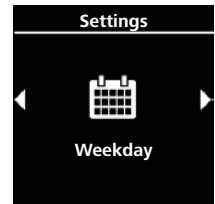
💡 "Quick start" symbol is shown in the display.



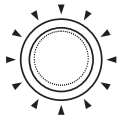
▶ Turn the control knob in order to choose the desired "Day" symbol.



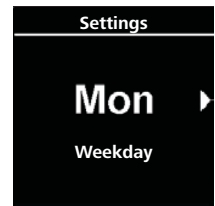
▶ Press the control knob in order to confirm selection.



▶ Turn the control knob in order to choose the desired "Day".

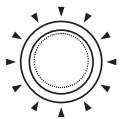
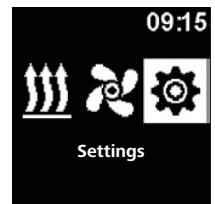


▶ Press the control knob in order to confirm selection.



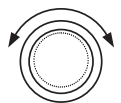
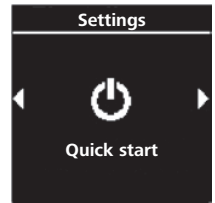
4.14 Setting the time

✓ "Settings" symbol has been selected in the main menu.

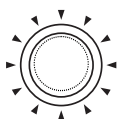


▶ Press the control knob.

💡 "Quick start" symbol is shown in the display.

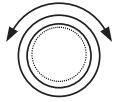


▶ Turn the control knob in order to choose the desired "time".

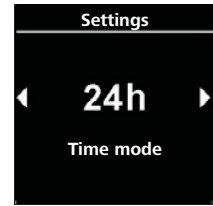


▶ Press the control knob in order to confirm selection.





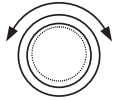
- ▶ Turn the control knob in order to choose the desired time format (12/24).



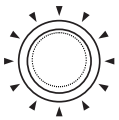
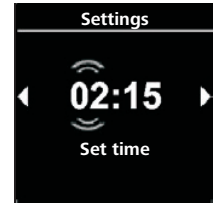
- ▶ Press the control knob in order to confirm selection.



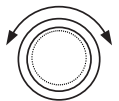
Hour flickers in the display.



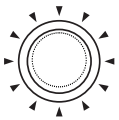
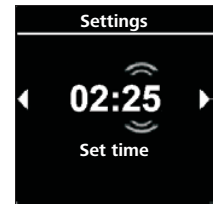
- ▶ Turn the control knob in order to choose "an hour".



- ▶ Press the control knob in order to confirm selection.



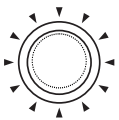
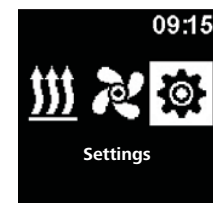
- ▶ Turn the control knob in order to choose "a minute".



- ▶ Press the control knob in order to confirm selection.

4.15 Language settings

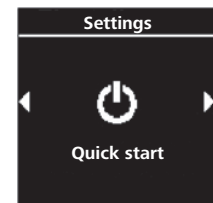
- ✓ "Settings" symbol has been selected in the main menu.

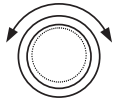


- ▶ Press the control knob.

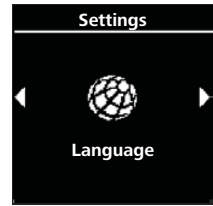


"Quick start" symbol is shown in the display.

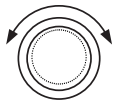




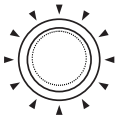
- ▶ Turn the control knob in order to choose the desired "Language" symbol.



- ▶ Press the control knob in order to confirm selection.



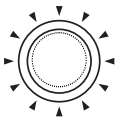
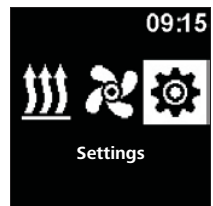
- ▶ Turn the control knob in order to choose the desired "language".



- ▶ Press the control knob in order to confirm selection.

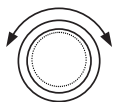
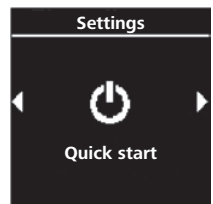
4.16 Setting the temperature unit

✓ "Settings" symbol has been selected in the main menu.

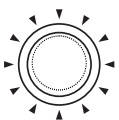
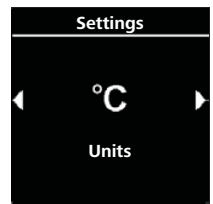


- ▶ Press the control knob.

💡 "Quick start" symbol is shown in the display.

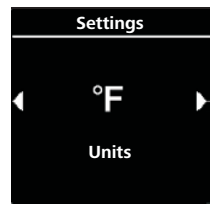


- ▶ Turn the control knob in order to choose the desired "Units" symbol.



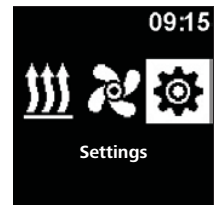
- ▶ Press the control knob in order to choose the temperature unit.

💡 This setting is taken over without confirmation.



4.17 Setting brightness

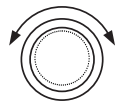
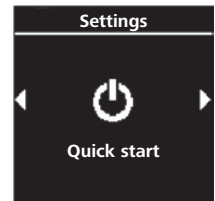
✓ "Settings" symbol has been selected in the main menu.



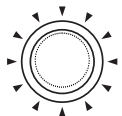
▶ Press the control knob.



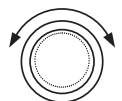
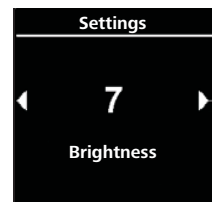
"Quick start" symbol is shown in the display.



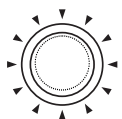
▶ Turn the control knob in order to choose the desired "Brightness" symbol.



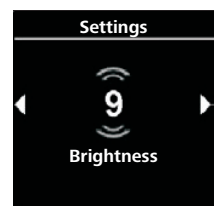
▶ Press the control knob in order to confirm selection.



▶ Turn the control knob in order to choose the desired value.

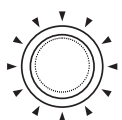


▶ Press the control knob in order to confirm selection.



4.18 Setting screen shut-off

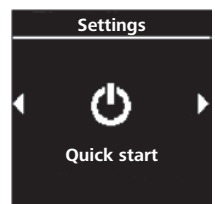
✓ "Settings" symbol has been selected in the main menu.

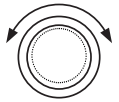


▶ Press the control knob.

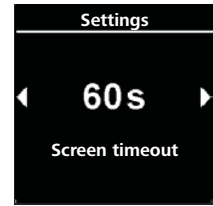


"Quick start" symbol is shown in the display.

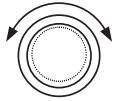




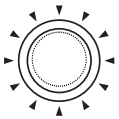
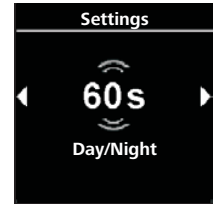
▶ Turn the control knob in order to choose the desired "Screen timeout" symbol.



▶ Press the control knob in order to confirm selection.



▶ Turn the control knob in order to choose the desired time or "Auto" mode.



▶ Press the control knob in order to confirm selection.



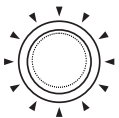
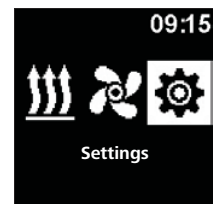
After selecting „Auto“ mode the screen does not switch off during active heating/ventilation. If no heater is active then while setting "Auto" the screen switches off after 10 seconds.

4.19 Setting day/night illumination



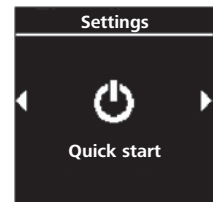
In the case of the screen illumination you can select between the day and night illumination. If „Off“ option is selected then the general setting of brightness level is activated with no distinction between the day and night.

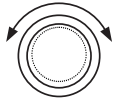
✓ "Settings" symbol has been selected in the main menu.



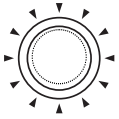
▶ Press the control knob.

▶ "Quick start" symbol is shown in the display.



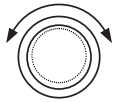
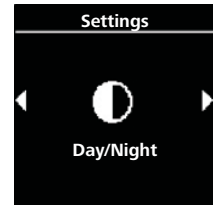


- ▶ Turn the **control knob** in order to choose the desired "Day/Night" symbol.




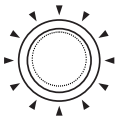
- ▶ Press the **control knob** in order to confirm selection.

 "Off" option is preset.




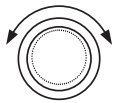
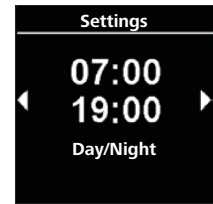
- ▶ Turn the **control knob** in order to set the value for the start of the day, the end of the day, brightness during a day, brightness at night.

 Preset time for a day is shown in the display.



- ▶ Press the **control knob** in order to confirm selection.


 "An hour" for the start of the day flickers in the display.

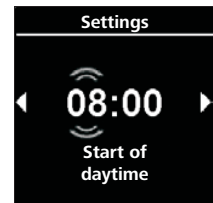


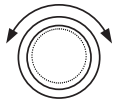
- ▶ Turn the **control knob** in order to choose the desired start of the day "an hour".



- ▶ Press the **control knob** in order to confirm selection.

 Time of "a minute" for the start of the day flickers in the display.

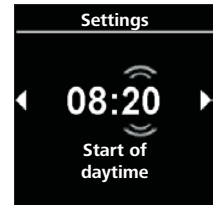





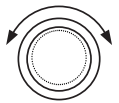
- ▶ Turn the **control knob** in order to choose the desired start of the day "a minute".



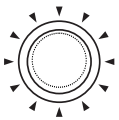
- ▶ Press the **control knob** in order to confirm selection.



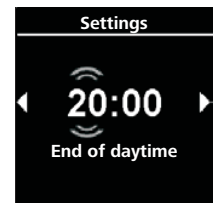
 Time of "an hour" for the end of the day flickers in the display.




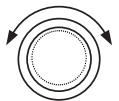
- ▶ Turn the **control knob** in order to choose the desired end of the day "an hour".



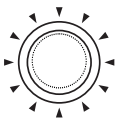
- ▶ Press the **control knob** in order to confirm selection.



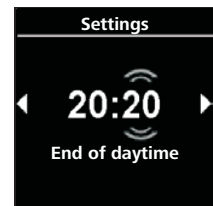
 Time of "a minute" for the end of the day flickers in the display.



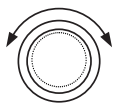
- ▶ Turn the **control knob** in order to choose the desired end of the day "a minute".



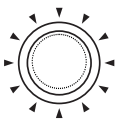
- ▶ Press the **control knob** in order to confirm selection.



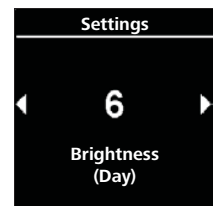
 "Day" brightness level appears in the display.



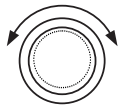
- ▶ Turn the **control knob** in order to choose the desired brightness level "day".



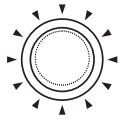
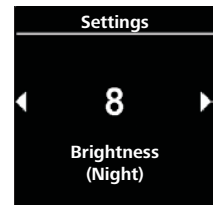
- ▶ Press the **control knob** in order to confirm selection.




 "Night" brightness level appears in the display.

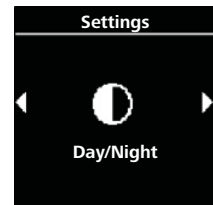


- ▶ Turn the **control knob** in order to choose the desired brightness level "night".



- ▶ Press the **control knob** in order to confirm selection.

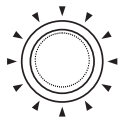
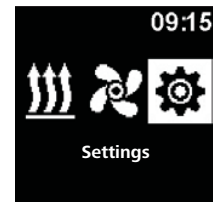
- ▶  "Day/night" brightness level appears in the display. The selected values have been saved. Day/night illumination is activated.



4.20 Displaying the system information

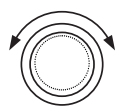
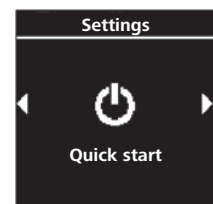
There are data in the system information regarding software status and control element status and the name of the connected heater.

- ✓ "Settings" symbol has been selected in the main menu.

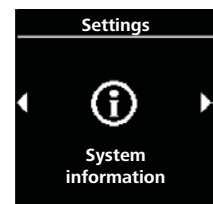


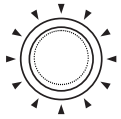
- ▶ Press the **control knob**.

- ▶  "Quick start" symbol is shown in the display.



- ▶ Turn the **control knob** in order to choose the desired "System information" symbol.

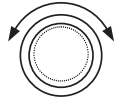
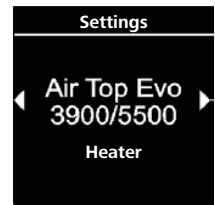




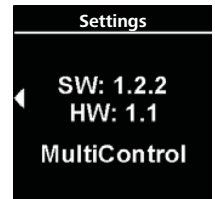
- ▶ Press the control knob in order to confirm selection.



The heater name is shown in the display.



- ▶ Turn the control knob in order to switch between the names of the heater and information regarding control element (the name of the control element, status of software and equipment).

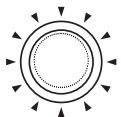


4.21 Displaying stored error information

If heaters and other connected components show malfunctioning then such error information codes) is saved and displayed here. Current error information is additionally marked with “!” symbol.

When an error occurs, error information must be confirmed by pressing the control knob. The main menu is displayed once again only after confirmation.

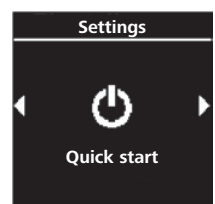
- ✓ “Settings” symbol has been selected in the main menu.

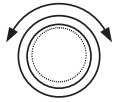


- ▶ Press the control knob.

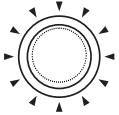


“Quick start” symbol is shown in the display.




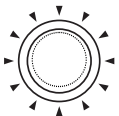
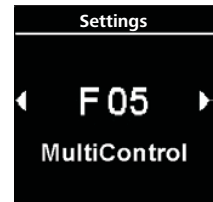


- ▶ Turn the control knob in order to choose the desired "Error information" symbol.



- ▶ Press the control knob in order to confirm selection.

 Error message (-s) is (are) shown in the display. If there is no error message then „OK.“ appears in the display. If there are more error messages then all the messages can be displayed by turning the control knob.



- ▶ Press the control knob in order to return to submenu.

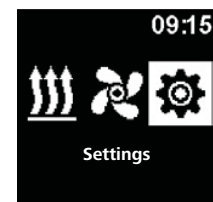
4.22 Performing reset

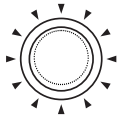
As for reset option, all settings are restored to factory settings (standard settings are configured by a service technician) except a day of a week and an hour.



Note: All personal settings are reset to default values. This procedure cannot be cancelled.

- ✓ "Settings" symbol has been selected in the main menu.

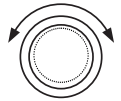
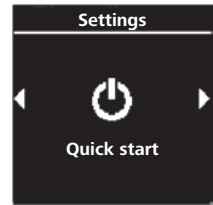




- ▶ Press the control knob.



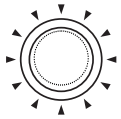
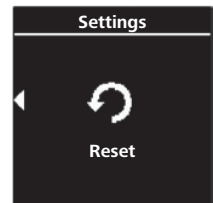
“Quick start” symbol is shown in the display.



- ▶ Turn the control knob in order to choose the desired “Reset” symbol.



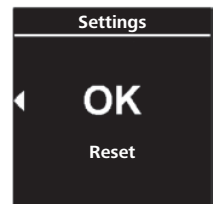
“OK” is shown in the display.



- ▶ Press the control knob in order to confirm selection.



Then the restart is performed.



5 Cleaning

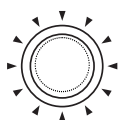
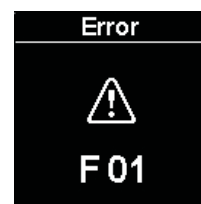
- ▶ In order to clean the control element you should use only soft lint-free cloth. No moisture can enter the housing. You cannot use window pane cleaning agents, household cleaners, sprays, solvents, cleaning agents containing alcohol and scouring agents for cleaning.

6 Error message



Error messages regarding the heater will be displayed starting from “F” marking and they are in the appropriate description of the heater. Error messages regarding the control element are displayed by means of „T” symbol. Further information concerning error information are provided in “Error code” chapter.

- ✓ Error message is shown in the display.



- ▶ Press the control knob in order to confirm error message.



Error message is stored in error memory. If error message is not confirmed then it will be displayed during each restart/waking up from the stand-by mode.

6.1 Error codes

- ▶ If error message appears in the display, please contact the technical support/customer service.



NOTE:

Inspections and repairs can only be carried out by trained personnel!

Examples of error messages for control elements:

Code	Description
T84	<p>Undervoltage (supply voltage is below 8V)</p> <ul style="list-style-type: none"> ▶ Charge the battery and check car electrical installation.
Te4	<p>Defective LED status</p> <ul style="list-style-type: none"> ▶ Contact technical support/customer service.
Te5	<p>Temperature sensor failure (temperature sensor in MultiControl/Smart-Control is damaged)</p> <ul style="list-style-type: none"> ▶ Contact technical support/customer service.

Code	Description
Teb	<p>Wrong time (internal clock chip of MultiControl/SmartControl device lost its time)</p> <ul style="list-style-type: none"> ▶ In case of voltage interruption amounting to more than 8 minutes: Enter date/hour again. ▶ In case an error appears without voltage interruption: Contact technical support/customer service.
Tec	<p>Jamming control knob (control knob pressed longer than 10 seconds).</p> <ul style="list-style-type: none"> ▶ Contact technical support/customer service.

7 Disposal

Control elements cannot be thrown to household waste.

- ▶ You are requested to obey the local regulations concerning disposal of the electronic products.

8 Technical support and customer service

Do you have any technical questions or problem with the device?

National phone numbers of our representatives are provided on the following web site: www.webasto.com.

9 Technical data

Operating voltage range: 12 V to 24 V

Permissible ambient temperature:

- Operation: -40 °C to +75 °C
- Storehouse: -40 °C to +90 °C



At temperatures below -20 °C protective function of control element display is active. Display and background illumination are switched off, heating status is indicated by status of LED diode. The heater can be tuned on and off by quick start button without any limits.

In multilingual versions the German language is binding.

Webasto Thermo & Comfort SE
Postfach 1410
82199 Gilching
Germany

Visiting Address:
Friedrichshafener Str. 9
82205 Gilching
Germany

Internet: www.webasto.com

The telephone number of each country can be found in the Webasto service center leaflet or the website of the respective Webasto representative of your country.

