

# SteamRock II Premium SteamRock II Premium NC

Steam generator for steam rooms



Operating Instructions

Made in Germany



Druck-Nr.: 2902 5126  
Stand: 06/22

# Documentation

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|                         |                             |
|-------------------------|-----------------------------|
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## Original installation instructions EN

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## Characters, symbols and illustrations

|                                                                                     |                                                |
|-------------------------------------------------------------------------------------|------------------------------------------------|
|  | Additional information about an operating step |
|  | Cross-reference to a page                      |
|  | Read instructions                              |
|  | Result of a step                               |
|  | Table title                                    |
|  | Title of figure                                |

## Revision history

| Date         | Version | Description                                                                            |
|--------------|---------|----------------------------------------------------------------------------------------|
| 19 Jan. 2022 | 02.20   | Temperature limit, PFC in case of malfunction, cover sheet: UKCA indicator             |
| 7 Jan. 2022  | 02.10   | Correction of the jumper settings.                                                     |
| 1 Sept. 2021 | 02.00   | Technical modifications to the steam generator, chapter on service completely revised. |
| 1 Dec. 2020  | 01.20   | Chapters Safety, Standards and regulations, and Potential-free contact updated         |
| 1 Apr. 2020  | 01.00   | First version of SteamRock II Premium                                                  |

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# 1

## General safety instructions

### 1.1 Installation and maintenance



The operating instructions are intended for qualified personnel familiar with the laws and regulations applicable to electrical installations at the installation site. Observe the following general safety instructions during set-up and commissioning.

In addition to the instructions listed here, observe the manufacturer's safety and installation instructions provided by the cabin manufacturer and the heater manufacturer.

The operating instructions are also relevant for private and/or commercial operators of steam rooms and/or saunas, who are responsible for setting and checking the steam generator.

#### **Risk to life and limb and risk of fire**

Risk to life and limb from electric shock and fire in the event of improper or faulty electrical connection. This risk also applies following completion of the installation work.

- ▶ The electrical installation of electrical systems or equipment with a fixed mains connection may be performed only by a trained electrician from an authorised electrical company.
- ▶ Observe the stipulations in VDE 0100 part 701.
- ▶ The housing cover of the steam generator must only be removed by a specialist.
- ▶ The system must be disconnected and removed entirely from the mains supply before commencing installation and repair work.

#### **Fire hazard from overheating**

Insufficient ventilation can lead to device overheating and fire.

- ▶ Do not install the control panel and power units in enclosed cabinets or wood panelling.
- ▶ Do not install steam generators in enclosed cabinets or wood panelling.

#### **Damage to the unit**

Corrosive or heavy saline atmospheres damage the contacts in the control unit, in the relay box and in the sensors.

- ▶ The control unit and sensors should not be installed in a corrosive or heavy saline atmosphere.

## General safety instructions

### 1.2 Operating the sauna and steam room

- Risk of electric shock** A risk to life and limb from electric shock and fire arises in the event of improper repair work made to the steam generator. This risk also applies after work is completed.
- ▶ The housing cover must only be removed by a specialist.
  - ▶ Repairs and installations must only be performed by a trained specialist.
  - ▶ The system must be disconnected and removed entirely from the mains supply before commencing repair work.
  - ▶ Use only original spare parts from the manufacturer.
- Risk of fire due to objects on the heater** Objects on the heater can catch fire. The fire can spread to the sauna cabin wood.
- ▶ Do not place objects on the sauna heater.
  - ▶ Prior to commissioning and before starting the heating process, ensure that there are no objects on the heater.
  - ▶ Install a safety cover and program the safety shut-off switch for commercial sauna cabins.
- Operation time in commercial steam rooms** Excessive humidity in the spatial surroundings of the steam room(s) can lead to material damage.
- ▶ In a public steam room, the steam generator must be able to turn itself off after a specific period of time.
  - ▶ The steam generator must be supervised at all times if it does not turn itself off.
  - ▶ Inspect the steam room each time you start the system.

### 1.3 Operator instruction

The operator of the sauna must be instructed in the general safety instructions during commissioning. The operator must be given a copy of the instructions for use.

- Risk of burns and chemical burns** Touching hot parts may lead to skin burns and chemical burns of the skin.
- ▶ The operator must be familiar with the unit's hot parts and be able to identify them.
  - ▶ The operator must be familiar with the settings for the heat output and/or steam supply and understand how it is controlled.

**Risk of poisoning  
from steam**

Descaler can react with other chemicals, which can create poisonous steam.

- ▶ The container for the descaler may only be placed under the steam generator.
- ▶ Never place containers with descaler close to other chemicals.
- ▶ Never place other chemicals close to the container of descaler.

**Operation by  
children or persons  
with reduced mental  
capacity**

Children can be at risk.

- ▶ Children must be supervised to ensure they do not play with the unit.
- ▶ Children under 8 years of age should not operate the sauna cabin and/or steam room.
- ▶ The settings may only be used by children over 8 if they are supervised by an adult.
- ▶ Operation of a sauna cabin and/or steam room must not be started by persons with reduced mental capacity or limited physical or sensory abilities unless they are supervised or unless they have already been instructed in its use and understand the risks.
- ▶ Children and persons who have not received proper instruction must not clean or service the system.

## General safety instructions

### 1.4 Safety levels

Safety instructions and important operating instructions are classified according to ANSI Z535.6. Please familiarise yourself with the following terms and symbols:

#### **WARNING**

##### **Warning**

Indicates a hazardous situation which, if not avoided, could result in death or serious injury.

#### **CAUTION**

##### **Caution**

Indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.

#### **NOTICE**

##### **Notice**

Indicates a hazardous situation which, if not avoided, will result in damage to the unit.

### 1.5 Standards and regulations

For an overview of the standards that were observed during design and construction of the sauna heaters, please refer to the individual product's technical data sheet that can be downloaded from [www.eos-sauna.com](http://www.eos-sauna.com). Local regulations also apply to the installation and operation of heating, sauna, and steam room systems.

## 2

## Identification

This chapter describes the control panel. For a detailed description of the steam generator, please refer to the installation instructions.

The EmoTouch 3 control panel is available in the following colour models:

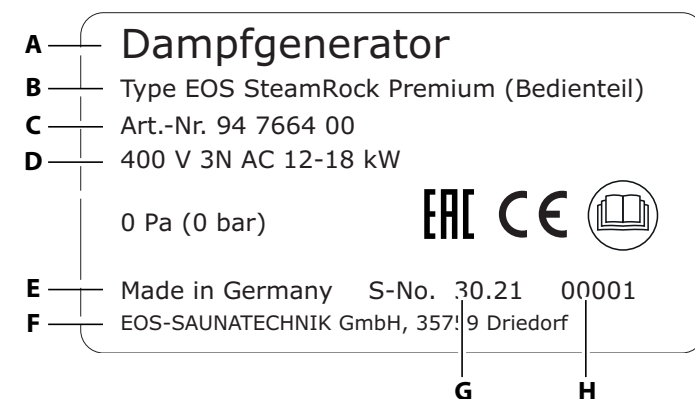
- Black
- White

### 2.1 Information about the EmoTouch 3 control panel

#### Nameplate

Software version R. 2.08 or higher must be installed in the EmoTouch 3 control panel.

The nameplate is attached to the back of the housing.



- |                                                     |                             |
|-----------------------------------------------------|-----------------------------|
| <b>A</b> Name                                       | <b>E</b> Country of origin  |
| <b>B</b> Model                                      | <b>F</b> Manufacturer       |
| <b>C</b> Item number                                | <b>G</b> Manufacturing date |
| <b>D</b> Operating voltage (depending on the model) | <b>H</b> Serial number      |

Nameplate for control panel for SteamRock Premium (example: 12–18 kW)

## Identification

### Requirements for operation and storage

The control unit must be installed outside of the steam room only. The mounting location must meet the following climate condition requirements:

- Ambient temperature: -10°C to +35°C
- Storage temperature: 0°C to 60°C
- Ambient temperature during operation 5°C to 40°C
- Air humidity during operation 30% to 75% rel. air humidity

## 2.2 Intended use

### SteamRock II Premium and SteamRock II Premium NC

The SteamRock II Premium and SteamRock II Premium NC steam generators are designed to produce steam for a steam room. They must only be mounted on a wall.

The SteamRock II Premium is suitable for use with private or commercial steam rooms.

The SteamRock II Premium is operated via the EmoTouch 3 control panel, which is included in the scope of delivery.

The SteamRock II Premium NC is used in a multi-cabin installation and controlled by the existing control unit.

### EmoTouch 3 control panel

The EmoTouch 3 control panel is suitable for private and commercial use to control steam rooms and sauna cabins. It must be mounted on a wall.

- The EmoTouch 3 control panel can control up to 8 steam generators and/or sauna cabins.
- Incorrect sizing of the steam generator output is considered improper use.
- An additional circuit breaker is required for a multi-cabin installation with sauna cabins.

## Foreseeable misuse

The following are considered instances of foreseeable misuse:

- The output of the steam generator cannot accommodate the cabin volume.
- The control and sensor cable plugs are plugged in incorrectly.
- The cabin addresses are programmed incorrectly.
- The unit is operated without knowledge of or compliance with the safety instructions.
- Operating, service and maintenance requirements are not observed.
- The unit is operated after technical or other modifications are made to the steam generator.
- The unit is operated by children or persons with reduced mental capacity or by persons who have not been thoroughly instructed in its use.

 General safety instructions,  EN-5

For more information, see the SteamRock II Premium installation instructions.

## 2.3 Water hardness

### NOTICE

#### Damage to the unit

Lime deposits clog the vaporiser tank, slowing down the transfer of heat to the water. This can lead to malfunctions because of overheating and blockages in the drain. An upstream water softening system does not replace regular descaling and regular maintenance.

Non-compliance with these guidelines resulting in damage to the unit renders the warranty void.

- ▶ Check the hardness of the water before installing the unit.
- ▶ In locations where the water is high in calcium carbonate (above 5° dH), a water softening system is recommended.
- ▶ If the level on the hardness scale is 11° dH or above, connecting a water softening system to the steam generator is recommended.
- ▶ A water softening system is required if the steam generator is used commercially.

## Identification

### Water softening guidelines

| Water hardness | Water softening system |
|----------------|------------------------|
| 1–5° dH        | No                     |
| 6–10° dH       | Recommended            |
| 11–15° dH      | Required               |
| 16–20° dH      | Mandatory              |
| > 20° dH       | Mandatory              |

### Conversion table for units of water hardness

|                         |            | °dH     | °e      | °f     | ppm    | mMol/l  |
|-------------------------|------------|---------|---------|--------|--------|---------|
| German degree           | 1° dH =    | 1       | 1.2522  | 1.7848 | 17.848 | 0.17832 |
| British degree          | 1 °e =     | 0.79862 | 1       | 1.4254 | 14.254 | 0.14241 |
| French degree           | 1 °f =     | 0.56029 | 0.70157 | 1      | 10     | 0.1     |
| Russian degree          | 1 °rH =    | 0.140   | 0.176   | 0.251  | 0.146  | 0.025   |
| CaCO <sub>3</sub> (USA) | 1 ppm =    | 0.056   | 0.07    | 0.1    | 1      | 0.01    |
| mMol/l                  | 1 mMol/l = | 5.6077  | 7.0218  | 10.009 | 100.09 | 1       |



## 3

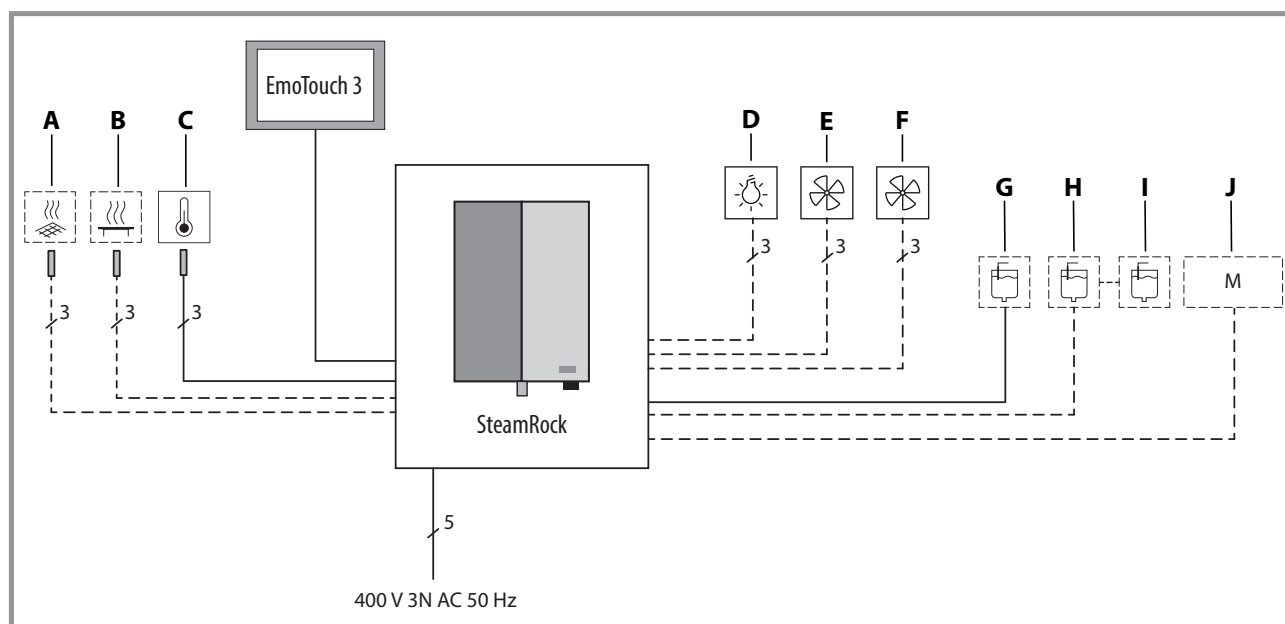
### Description of the control panel

The EmoTouch 3 control panel is designed to control up to 8 steam rooms, infrared cabins, and/or sauna cabins. In a mixed installation scenario, one relay box for each sauna cabin is required. It is controlled via the control panel.

The EmoTouch 3 control panel can be used in both private and commercial operation. The following configurations are possible during installation:

- Eight cabins, each with one vaporiser or one sauna heater
- One steam room with 1–4 steam generators and 4 other cabins with steam generators or sauna cabins.
- Two steam rooms with 1–4 steam generators.
- One steam room with 1–8 steam generators.

Along with the temperature sensor and the level sensor for the descaler (both required), various add-on modules can be connected in the steam room and controlled via EmoTouch 3.



- |                                        |                         |                                                                 |
|----------------------------------------|-------------------------|-----------------------------------------------------------------|
| <b>A</b> Sensor for floor heating      | <b>D</b> Cabin lighting | <b>G</b> Level sensor for descaler (required)                   |
| <b>B</b> Sensor for bench heating      | <b>E</b> Fan 1          | <b>H</b> Essence container with level sensor 1                  |
| <b>C</b> Temperature sensor (required) | <b>F</b> Fan 2          | <b>I</b> Essence container 2, level indicator above container 1 |
| ----- Optional                         |                         | <b>J</b> Add-on modules                                         |

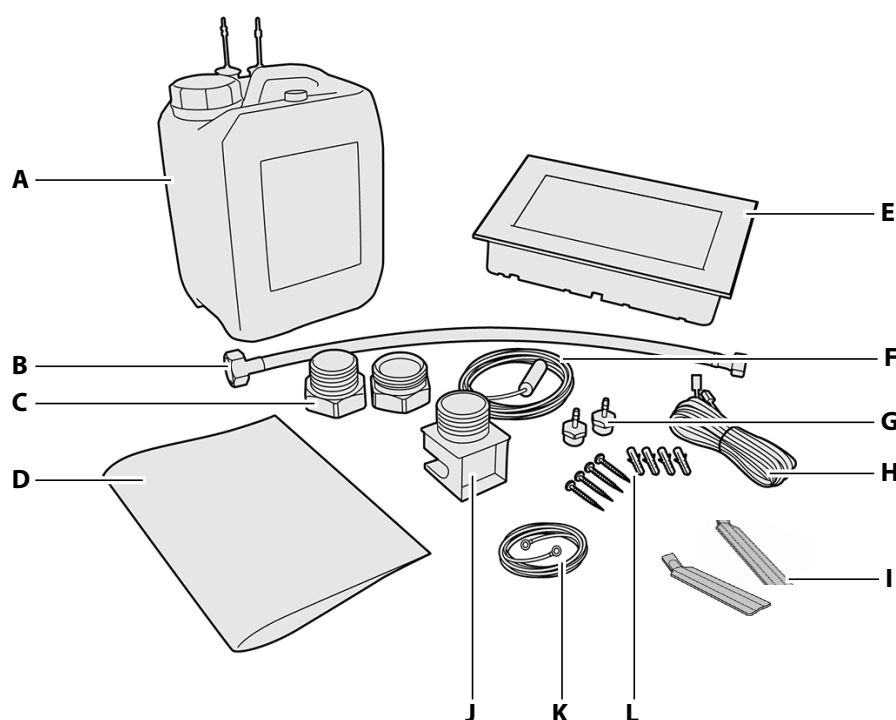
Example – connection diagram for steam room

The add-on modules are set for each cabin and controlled individually.

## Description of the control panel

### 3.1 Scope of delivery

In addition to the SteamRock II Premium vaporiser, the scope of delivery also includes the following:



- |                                                                                                                   |                                                                                                                              |
|-------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| <b>A</b> 5 l descaler container with level sensor                                                                 | <b>G</b> 2 brass injection nozzles for essence                                                                               |
| <b>B</b> 0.5 m connecting hose for 3/8"–3/4" water connection                                                     | <b>H</b> 5 m connecting hose from control panel to steam generator                                                           |
| <b>C</b> 2 piece 1 1/4" brass union on 35 mm for mounting the steam pipe                                          | <b>I</b> 2 removal tools for the EmoTouch 3 control panel (contained only in the scope of delivery for SteamRock II Premium) |
| <b>D</b> Installation and operating Instructions                                                                  | <b>J</b> Steam outlet, 1 1/4" external thread                                                                                |
| <b>E</b> EmoTouch 3 control panel with housing (contained only in the scope of delivery for SteamRock II Premium) | <b>K</b> 1 m red cable with O-clamps for connecting two essence containers                                                   |
| <b>F</b> Temperature sensor incl. 5 m connecting hose                                                             | <b>L</b> Four 5x40 screws with four F6 anchors for installing the steam generator on the wall                                |

 SteamRock II Premium scope of delivery

The following are also mounted on the steam generator:

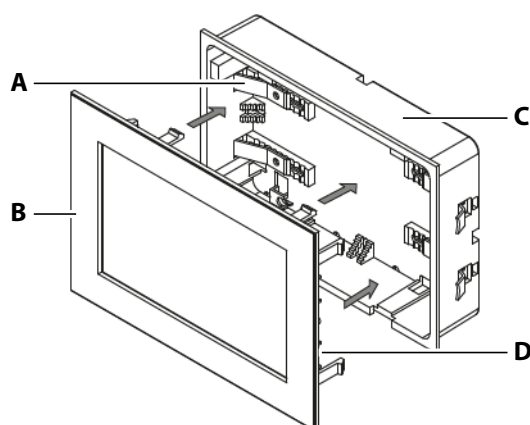
- 1.5 m white hose for descaler
- 2 pieces 1.5 m red hose for essence
- 2 spare fuses for main circuit board (enclosed)
- 1 m white connecting cable for descaler level probe
- 1 m red connecting cable for essence level probe

## Accessories (optional)

| Accessories                                                              | Item no. |
|--------------------------------------------------------------------------|----------|
| Temperature sensor for bench heating                                     | 94.6617  |
| Temperature sensor for floor heating                                     | 94.6616  |
| 5 l canister with level sensor for essence                               | 94.6298  |
| 20 m connecting cable for temperature sensor                             | 94.6281  |
| 50 m connecting cable for temperature sensor                             | 94.6282  |
| 25 m connecting cable for control panel (RJ10/RJ14)                      | 94.6285  |
| 10 m connecting cable for sauna bus (RJ12/RJ12)                          | 94.5861  |
| 25 m connecting cable for sauna bus (RJ12/RJ12)                          | 94.4647  |
| 50 m connecting cable for sauna bus (RJ12/RJ12)                          | 94.4648  |
| Power adaptor for extending the control panel's connecting cable to 50 m | 94.6671  |

## 3.2 Overview of control panel

### 3.2.1 Control panel with housing



**A** Mounting brackets  
(2 left, 2 right)

**B** Display (top piece)

**C** Housing (bottom piece)

**D** Circuit board  
(on the rear side of the display)

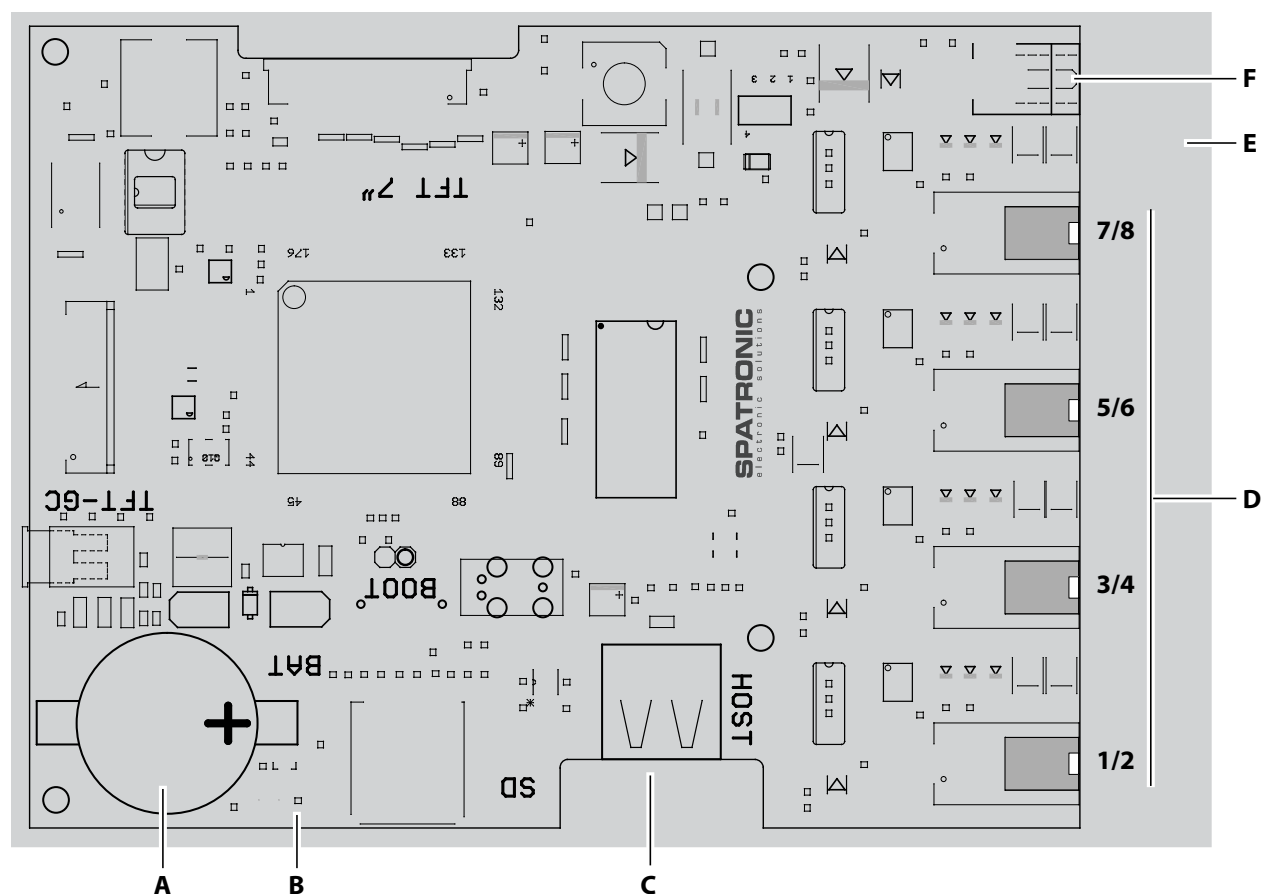
 Overview of EmoTouch 3

The control panel is designed for mounting in the wall (flush mounting). All lines are connected to the circuit board on the rear side of the display. The connecting cables are routed through the back of the housing to the circuit board.

The housing for mounting in the wall is included in the scope of delivery.

## Description of the control panel

### 3.2.2 Control panel circuit board



- A** Round cell battery CR2032 3V
- B** Reset button (green LED)
- C** Memory card connection (type A jack)

- D** RJ10 jacks for cabin connections 1–8
- E** Mounting plate
- F** Power adaptor connection

EmoTouch 3 circuit board

## 3.3 Technical data

### 3.3.1 SteamRock II Premium / SteamRock II Premium NC

|                               |                                                                                                                                                                                                                                                                                                                                                     |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Dimensions (W x H x D)        | 670 x 460 x 350 mm                                                                                                                                                                                                                                                                                                                                  |
| Weight                        | 28 kg (type 1 – 9 kW) / 30 kg (type 2 – 18 kW)                                                                                                                                                                                                                                                                                                      |
| Max. operating pressure [bar] | Pressure-free system with relief valve                                                                                                                                                                                                                                                                                                              |
| Protection class              | IP x 4                                                                                                                                                                                                                                                                                                                                              |
| Vaporiser tank                | Stainless steel                                                                                                                                                                                                                                                                                                                                     |
| Overheating protection        | Safety temperature limiter with capillary tube sensor.                                                                                                                                                                                                                                                                                              |
| Heating system                | Heating coils on the tank cap, switchable in 3 kW stages.                                                                                                                                                                                                                                                                                           |
| Emptying and cleaning         | Integrated automatic emptying and descaling system with descaler. <b>Caution:</b> The descaler must not foam.                                                                                                                                                                                                                                       |
| Drain outlet                  | 1" pipe on the underside of the unit                                                                                                                                                                                                                                                                                                                |
| Water level monitoring        | Automatic by the integrated water level control panel, automatic refilling of water                                                                                                                                                                                                                                                                 |
| Control system                | Control system with external EmoTouch 3 control panel* and 5 m connecting cable.                                                                                                                                                                                                                                                                    |
| Sensor system                 | Temperature sensor for cabin temperature, with 5 m connecting cable.<br>Optional: Temperature sensor for floor and bench heating.                                                                                                                                                                                                                   |
| Essence dosing                | Integrated essence dosing system for 2 essences, 2 dosing pumps incl. 2 red hoses.                                                                                                                                                                                                                                                                  |
| Water connection              | 3/4" external thread                                                                                                                                                                                                                                                                                                                                |
| Steam outlet                  | 1 1/4" external thread with connection adapter                                                                                                                                                                                                                                                                                                      |
| Outlets – connections         | Light: 230 V AC, dimmable<br>2 x fan: 230 V AC<br>AUX – potential-free output<br>Floor heating – potential-free output<br>Bench heating – potential-free output<br>4 x sauna bus (S-Bus) connection for control panel/module<br>1 x level probe for descaler<br>1 x level probe for essence (optional)<br>Memory card (type A) in the control panel |
| Power supply                  | 400 V 3N AC, 50/60 Hz, pre-mounted connecting cable with CeKon jack                                                                                                                                                                                                                                                                                 |
| Power consumption             | Type 1: 3.0 / 6.0 / 9.0 kW (9 kW ex factory)<br>Type 2: 9 / 12 / 15 / 18 kW (18 kW ex factory)                                                                                                                                                                                                                                                      |
| Fuse                          | Type 1: 3 x 16 A<br>Type 2: 3 x 35 A                                                                                                                                                                                                                                                                                                                |
| Min. pipe cross-section       | Type 1: 5 x 2.5 mm <sup>2</sup><br>Type 2: 5 x 6.0 mm <sup>2</sup>                                                                                                                                                                                                                                                                                  |

\* The EmoTouch 3 control panel is included in the scope of delivery only with the SteamRock II Premium version.

## Description of the control panel

### 3.3.2 EmoTouch 3

|                                      |                                                                                                                                                            |
|--------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Ambient temperature                  | -10°C to +35°C                                                                                                                                             |
| Storage temperature                  | -20°C to +60°C                                                                                                                                             |
| Housing                              | Plastic                                                                                                                                                    |
| Control panel dimensions (H x W x D) | 142 x 202 x 42 mm                                                                                                                                          |
| Display                              | Colour capacitive 7" touchscreen display in 16:9 format                                                                                                    |
| Control panel outputs/inputs         | 4 x RJ10 jack for relay box and multi-cabin connection<br>1 x connection for memory card (input/host, jack type A)<br>Connection for power adapter 24 V DC |
| Power supply                         | Via steam generator.<br>Connection for power adapter 24 V DC for 25 m or more of cable                                                                     |
| Error display                        | Text on the display                                                                                                                                        |
| Temperature control range            | 30°C -50°C                                                                                                                                                 |

# 4

## Operation

All cabin settings are made at the control panel. Work on the steam generator is required only during servicing. At least one cabin must be set up for commissioning.

### 4.1 Working with the graphic user interface

The graphic user interface displays icons depending on the selection. Their use is described below:



Tap briefly on the cabin image: The function is switched on or off.

Tap briefly on the sub-menu: The icon is selected.

Tap again: The selection is confirmed.

Press and hold: A sub-menu opens.

Tap anywhere on the cabin image: The sub-menu for settings closes.



Heat on/off



Settings



Next



Back to previous selection or start



Confirm selection



Clear selection



Increase the value by 1.



Decrease the value by 1.

The home screen (standby) appears after the display has not been touched for 10 seconds.

- Settings that have not been saved are lost.
- Date and time are saved if the built-in battery is in working order. All other settings are saved permanently.

Add-on modules or accessories are detected once the unit is switched on again and their corresponding icons appear on the cabin image or in the sub-menus. Unit operation and unit settings are available on different levels:

|                 |                                                 |                                   |
|-----------------|-------------------------------------------------|-----------------------------------|
| Operation level | Private operation                               |                                   |
|                 | Commercial operation                            | Basic settings (per cabin)        |
|                 |                                                 | Advanced settings (with PIN code) |
| Service level   | Settings for service technician (with PIN code) |                                   |

## 4.2 User interface



- |                                 |                                                            |                                             |
|---------------------------------|------------------------------------------------------------|---------------------------------------------|
| <b>A</b> Cabin image            | <b>F</b> Settings                                          | <b>K</b> Coloured light (optional)          |
| <b>B</b> Temperature detector   | <b>G</b> Warning (for a different cabin)                   | <b>L</b> Sound (optional)                   |
| <b>C</b> Potential-free contact | <b>H</b> Actions and information, e.g. de-scaling required | <b>M</b> Cabin lighting                     |
| <b>D</b> Status bar             | <b>I</b> Current cabin (for multi-cabin installation)      | <b>N</b> Temperature/essence dosing setting |
| <b>E</b> On/off (cabin)         | <b>J</b> EOS logo (touch recognition)                      | <b>O</b> Date, time                         |

EmoTouch 3 graphic user interface layout – steam room as example

The touch screen function icons are displayed in various colours:

- Grey: Function button is inactive
- White: Function available, function button is selected
- Green: Function button Confirm is selected
- Blue: Settings, e.g. for timer
- Red: Function button Delete is selected

Texts are displayed in the following colours:

- White: Status texts, e.g. date, name of sub-menu
- Blue: active input digits, e.g. for date, time, timer display
- Red: Warning, time display for auto-stop



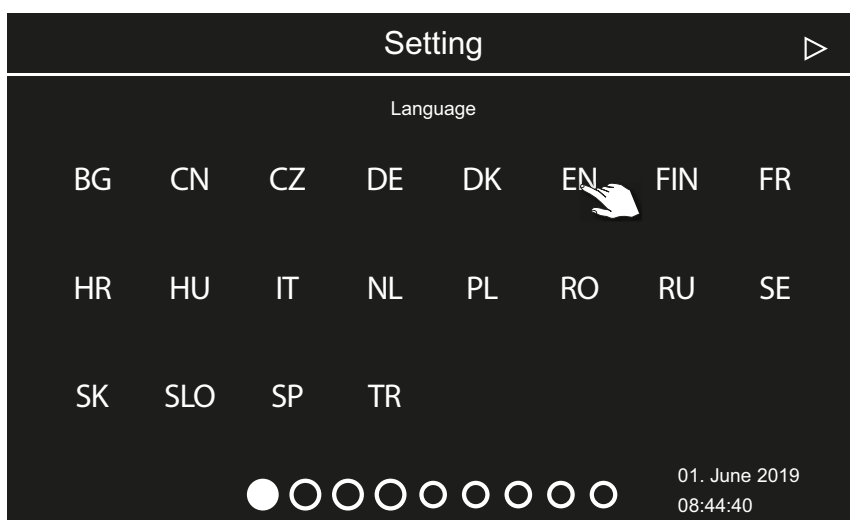
### 4.3 Configuration upon commissioning or after a reset

The control panel automatically switches to standby mode once connection to the steam generator has been established and it is connected to the mains supply.

The settings must be redefined upon commissioning and after a complete system reset. The program guides you through the required steps.

#### ► Defining the user interface language

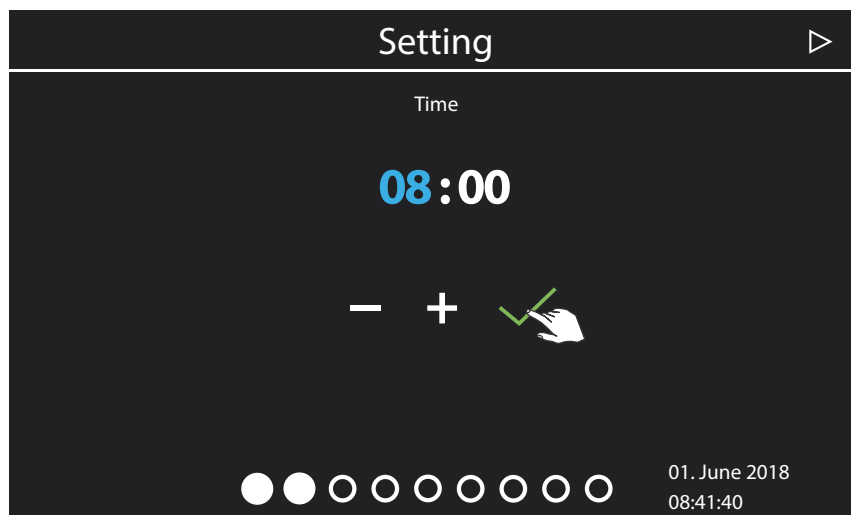
- 1 Tap the desired language.



- 2 Tap the language again to confirm the selection.
  - ☒ Once confirmed, the display moves to the next setting.

### ► Setting the time

- 1 Set the hours with **+** and **-**, and then confirm.

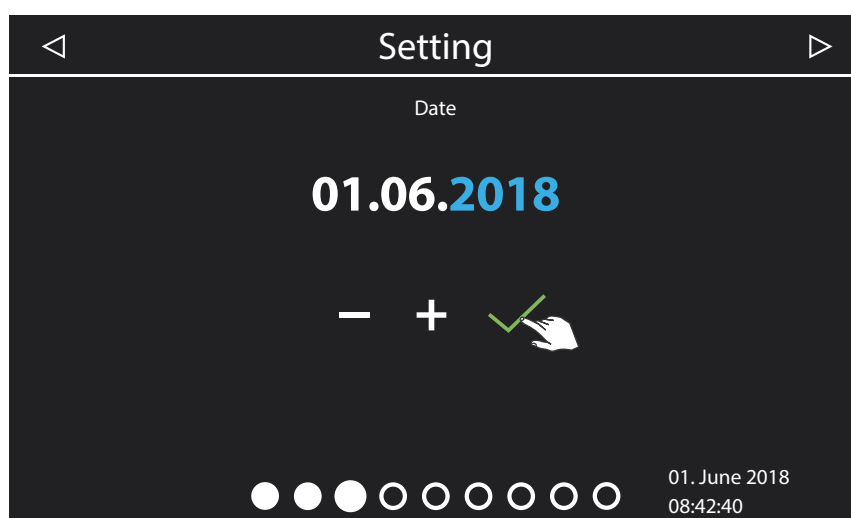


- ① The active place value appears in blue.
- ① Pressing and holding the button changes the value in increment mode.

- 2 Set the minutes and confirm.

### ► Setting the date

- 1 Set the day, month, and year by pressing **+** and **-**, and then confirm.



- ① The active place value appears in blue.

## ► Specifying the place of operation

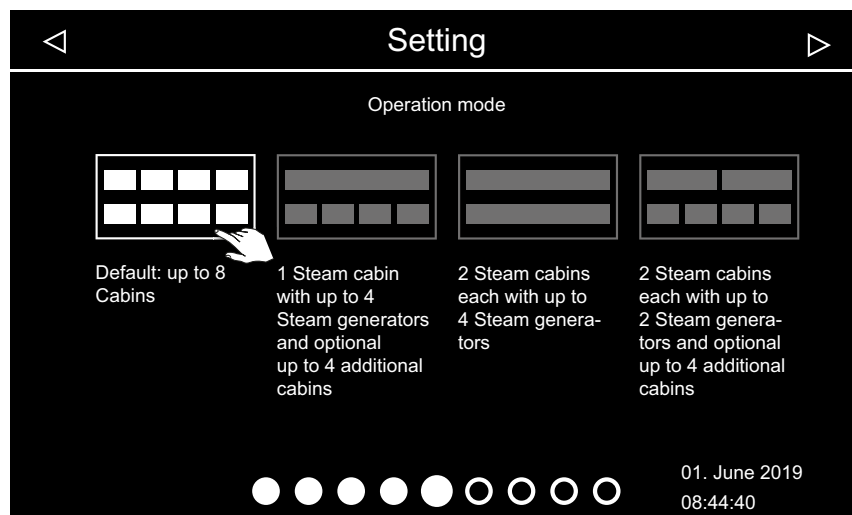
- 1 Press  or  to confirm the prompt that asks if the system is being operated in a country of the EU/CENELEC.



- ① European Union/CENELEC must be selected if the system is installed in countries under the jurisdiction of the CENELEC.
- ① Once EU/CENELEC is selected, specific provisions of the EU/CENELEC apply, e.g. the time limit for operation.

### ► Selecting the operating mode

1 Tap the desired operating mode.

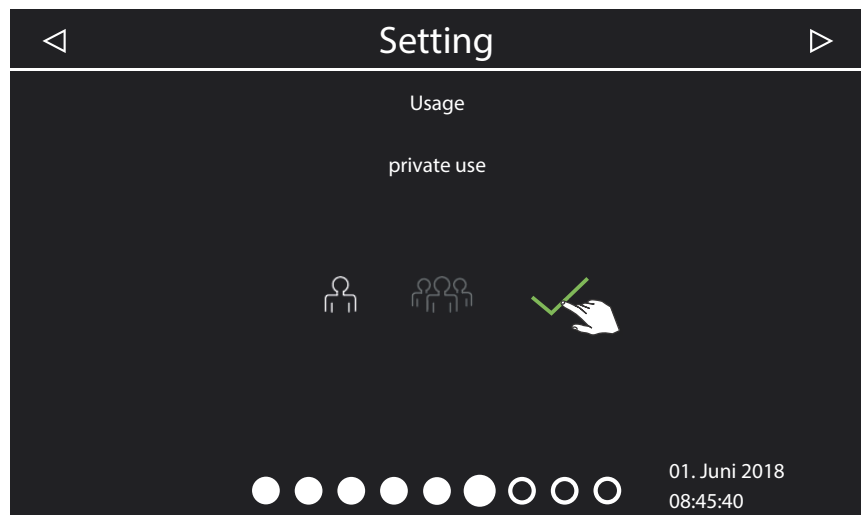


- ①  Choose this setting, if one steam generator per cabin or one sauna cabin is controlled. For more information about installing multiple cabins, see the installation instructions.
- ①  Choose this setting if one cabin is served by 1–4 steam generators. Additionally, 4 more cabins can be controlled with steam generators or sauna cabins.
- ①  Choose this setting if only 2 cabins are operated for which 2–4 steam generators each are installed. Additional cabins require their own control unit.
- ①  Choose this setting if only 2 cabins are operated for which 1–2 steam generators each are installed.

2 Confirm the selection.

## ► Defining the type of use

- 1 Press  or  to specify whether the system will be used for private or commercial purposes.



a)  Private use

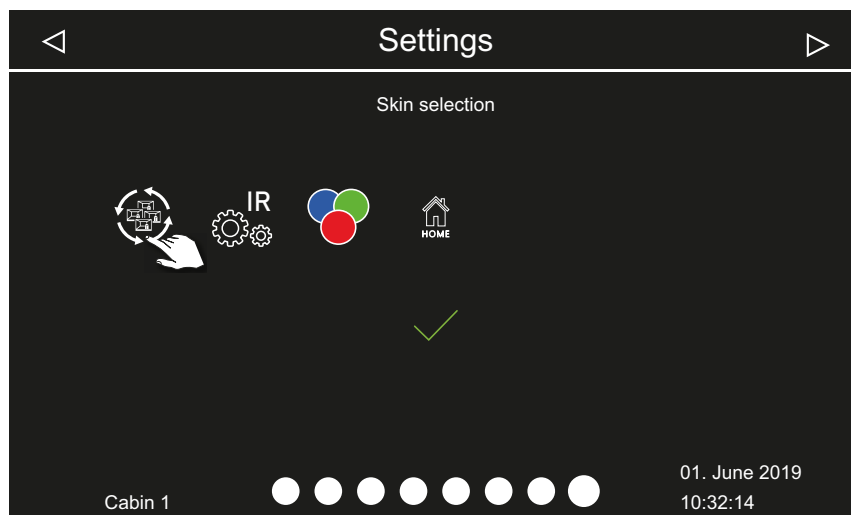
b)  Commercial use

① Specific safety regulations apply to this setting. See 1.3 Operator instruction,  EN-6

- 2 Confirm the selection by pressing .

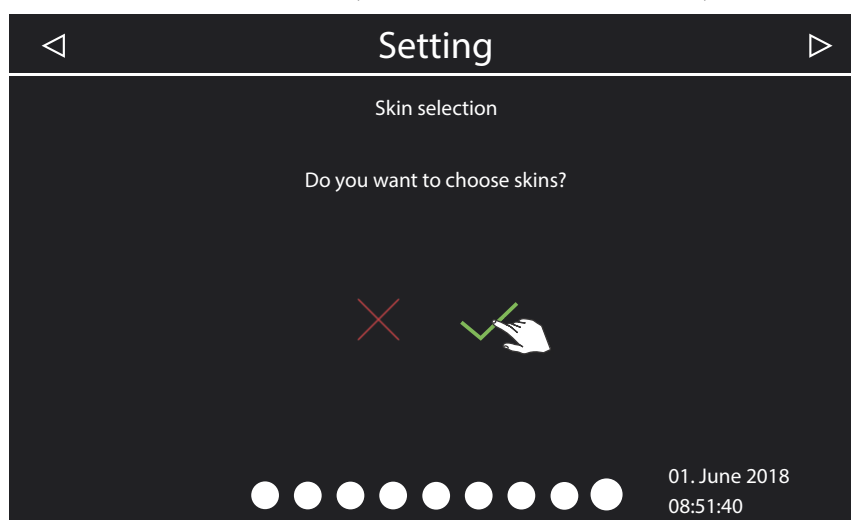
### ► Selecting the skin

- 1 Open skin selection by pressing .



- ① The display shows only the installed and detected modules. Information about setting up the module can be found in each of the individual installation and operating instructions.
- ① You must follow the procedure described here to select the skin. It cannot be changed later.

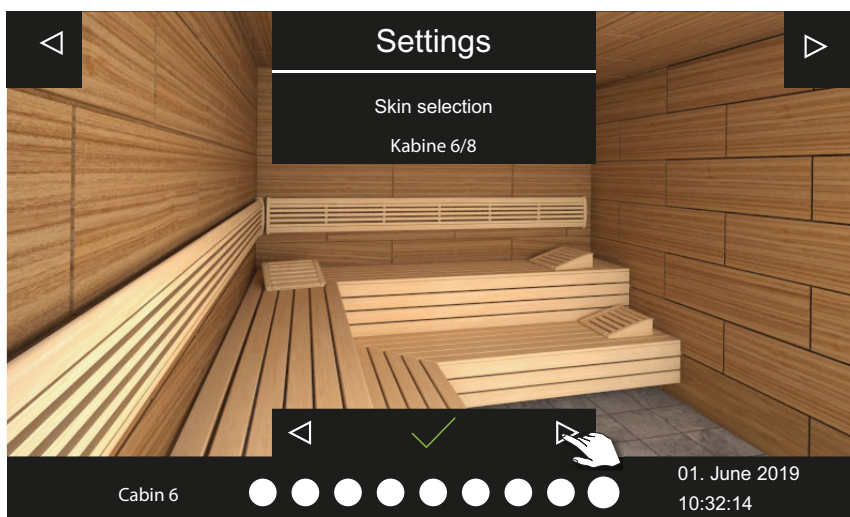
- 2 Press  or  to specify which skin should be displayed for the cabin.



- a)  Skin selection is cancelled. The standard cabin image is displayed. The screen for selecting the connected module is displayed again.
- b)  Skin selection is displayed.

- 3 Confirm the selection.

- 4 Press the lower ◀ or ▶ to scroll through the skins and confirm your selection.



- ① After selecting the skin, selection of the connected module is displayed again.
- ① If the installation is a multi-cabin installation, the skin and the module for each cabin is displayed.
- See also 4.4 Cabin settings for steam rooms, EN-27.
- For information on sauna settings, see the separate documentation.

## 4.4 Cabin settings for steam rooms

Add-on modules or accessories are detected once the unit is switched on (again) and their corresponding icons appear on the cabin image and in the sub-menus. You can change the current settings while steam is being produced.

The settings are defined separately for each cabin. The following descriptions apply to both private and commercial operation.

### Display

The display switches to standby mode if there is no activity for a defined period of time. You can cancel standby mode by tapping the display. Tap any area on the cabin image to close an open sub-menu.

- Sub-menus close automatically if the display is not touched for 10 seconds. After that, the start screen is displayed.
- If you have a multi-cabin installation, you can switch to the start screen by tapping the cabin number in the status bar.

## Operation

### Status bar icons (examples)



Warning, see 4.7 Error messages, [EN-71](#)



Auto stop (heating period), see ► Setting the automatic start time, [EN-56](#)



Descaling cycle in progress, steam generation not available



Descaling pending, descaling cycle starts after unit switches off



Refilling of water active



Water will be drained



No essence, see 6.1 Refilling descaler and essence, [EN-95](#)



No descaler, refilling required

### 4.4.1 Switching steam generation on/off

You can switch steam generation on or off manually at any time.

- Switching the system on, [EN-29](#)
- Switching the system off, [EN-30](#)

Instead of starting the system manually, you can set an automatic start time or define a single start date.

- Setting the automatic start time, [EN-56](#)
- Setting a one-time heating period, [EN-58](#)



## ► Switching the system on

- 1 Tap and hold  for 3 seconds.



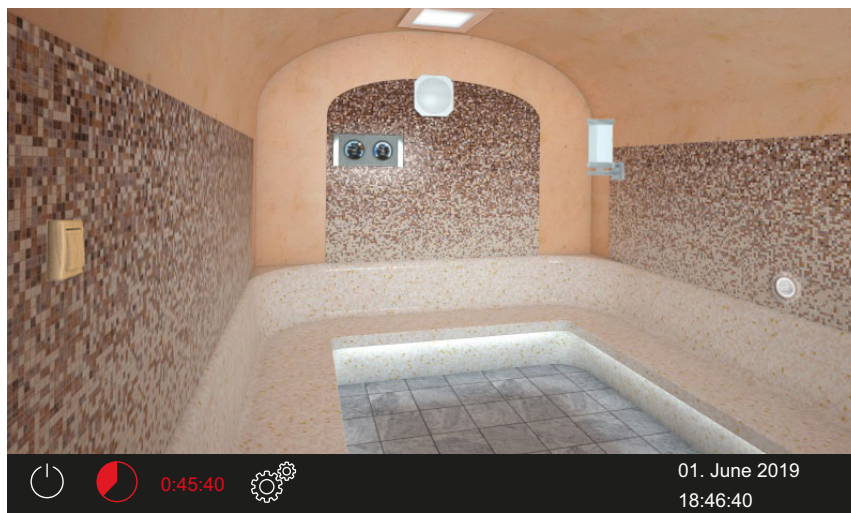
- ① Steam supply starts.



- ① The cloud of steam indicates that steam supply is turned on.  
Steam supply always starts delayed, because SteamRock II Premium first performs a quick self-test to ensure correct filling and then fills with water.  
A few minutes may pass before steam begins to fill the cabin. Individual factors may also factor into the delay, e.g. the length of the steam pipe.

### ► Switching the system off

1 Tap .



❗ The fan that dries the cabin is switched on and runs for the set amount of time. Then the system switches to standby mode.

❗ Tap  again to end drying prematurely.

📖 Setting the fan function:

► Activating/deactivating the fan(s) and post-cycle, [EN-81](#)

Setting the post-cycle period:

► Setting the post-cycle period for drying the cabin, [EN-82](#)

## 4.4.2 Setting essence supply

You can completely shut off essence supply. If two different essences are in use, you can set (while in use) which pump should emit which essence.

► Selecting the essence pump, [EN-31](#)

► Shutting of essence supply, [EN-32](#)

Essence dosing, see service settings, 5.1.11 Essence dosing, [EN-85](#)

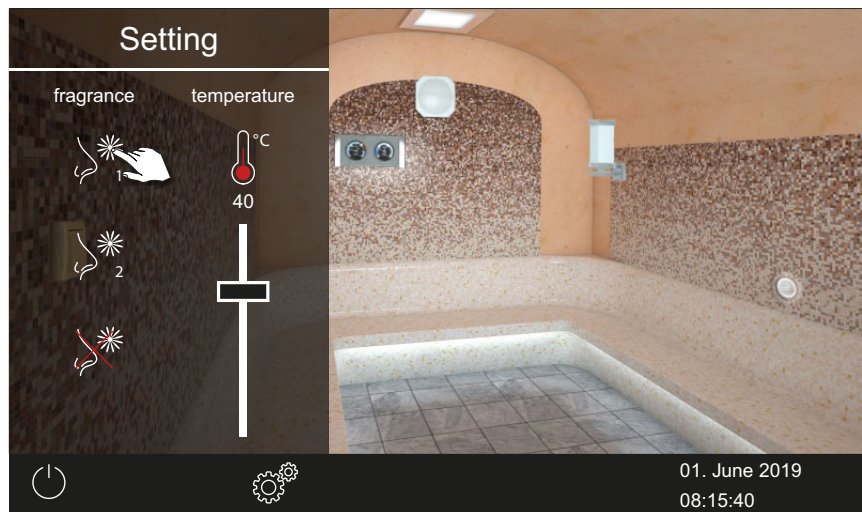
## ► Selecting the essence pump

1 Press and hold the steam emitter icon for 3 seconds.



☑ The menu with the current setting appears.

2 Tap  or  to indicate which essence should be supplied.



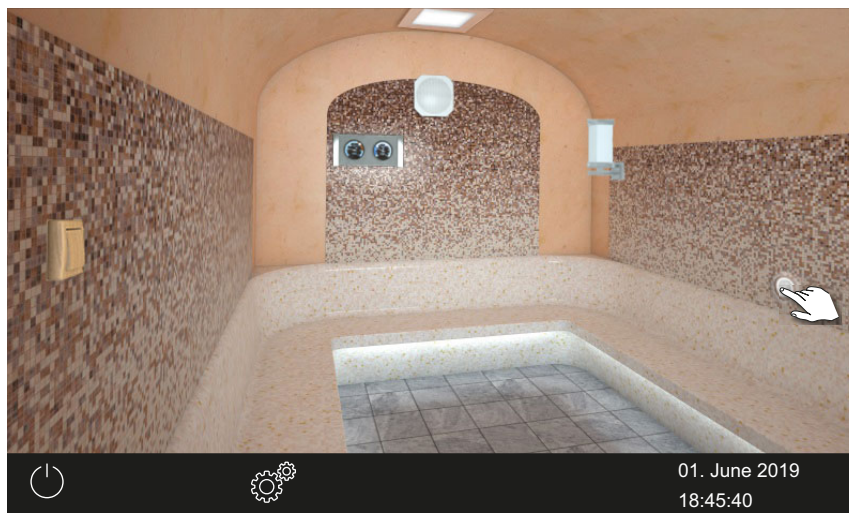
① Essence dosing, see service settings, 5.1.11 Essence dosing,  EN-85

☑ The essence is supplied by the corresponding pump.



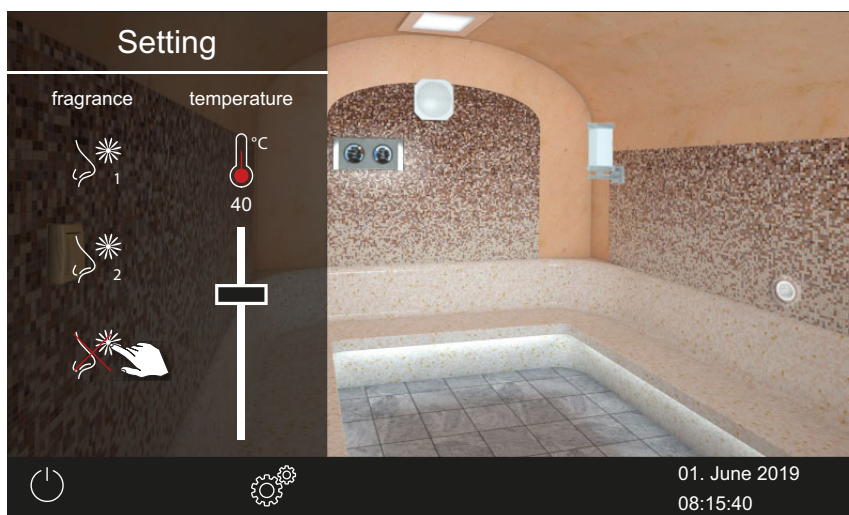
### ► Shutting of essence supply

- 1 Press and hold the steam emitter icon for 3 seconds.



- ☒ The menu with the current setting appears.

- 2 Tap



- ☒ Essence supply is shut off completely.

### 4.4.3 Setting the temperature

You can also set the temperature while the system is in operation.

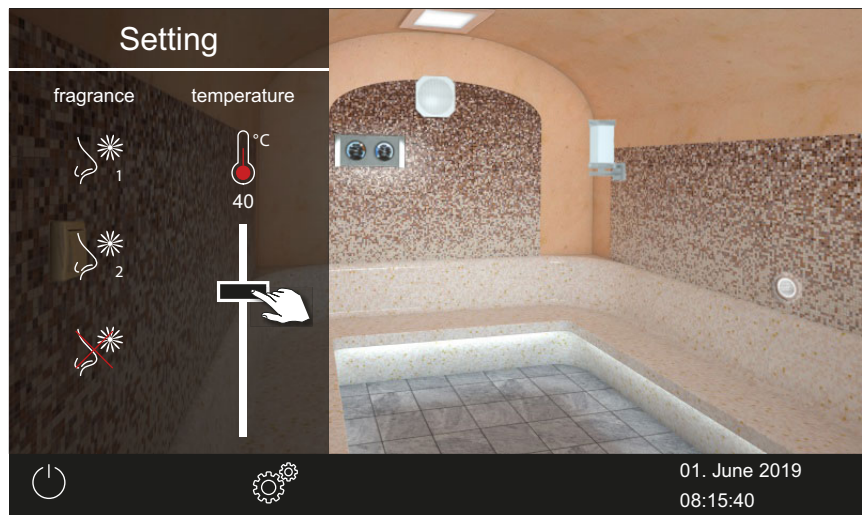
## ► Setting the cabin temperature

1 Press and hold the steam emitter icon for 3 seconds.



☑ The menu with the current setting appears.

2 Move the slider to the desired temperature.



① You can choose the temperature from 30°C – 50°C. The temperature can also be changed during operation.

☑ The cabin is immediately set to the new temperature.

### 4.4.4 Dimming or switching the light on/off

You can switch the light on and off and dim it progressively by tapping the light icon in the sub-menu.

The lighting is dimmed only if the cabin is switched on. If the cabin is switched off, the light always switches on as a “cleaning light” at full power. This allows you to have maximum illumination when cleaning the cabin.

**NOTICE****Material damage**

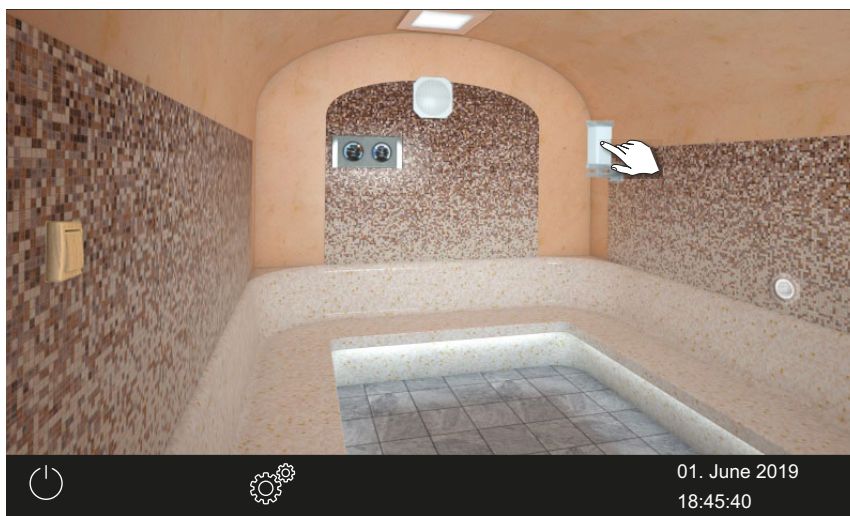
Lighting and the control panel could become damaged if non-dimmable light sources are installed. In this case, the warranty becomes void.

- ▶ Do not mount lights near rising steam.
- ▶ The lighting must conform to protection class IP65 and be resistant to ambient temperatures.
- ▶ Connect only dimmable light sources.

- ▶ Switching the lighting on/off,  EN-34
- ▶ Dimming the light,  EN-35

**▶ Switching the lighting on/off**

- 1 Tap the light icon.



- ☒ The light is switched on or off, depending on its current state.



## ► Dimming the light

1 Press and hold the light icon for 3 seconds.



☑ The menu with the current setting appears.

2 Move the slider to the desired light intensity.



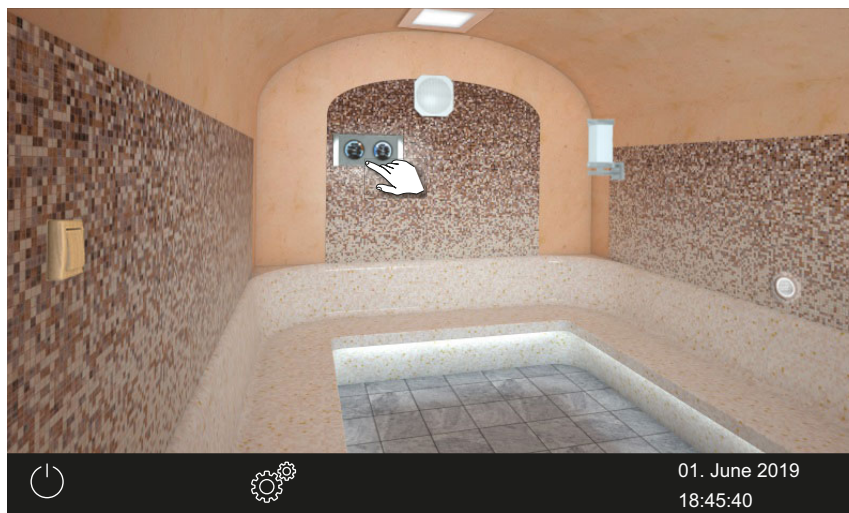
☑ The lighting is immediately adjusted accordingly.

## 4.4.5 Retrieving temperature values

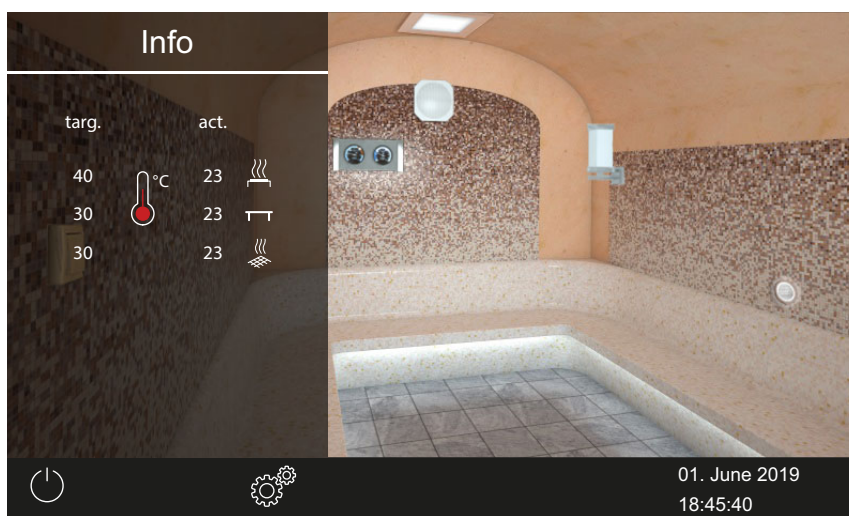
You can retrieve the current (actual) and set (target) temperature at all times.

### ► Retrieving temperature information

- 1 Tap the temperature icon.



- ❗ The actual and target values from the connected sensors are displayed for approx. 20 seconds.



- ❗ Setting temperatures, see the chapter on Service settings, EN-72

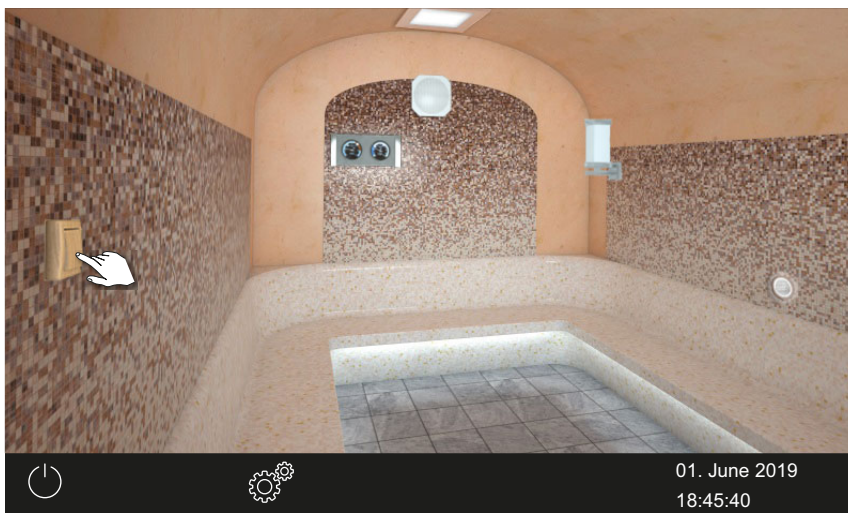
#### 4.4.6 Switching potential-free contact on/off

You can switch an external device or module on and off manually. To do this, you must set the switching of the potential-free contact on/off in the service settings to manual on the display.



## ► Switching potential-free contact on/off

1 Tap the icon for potential-free contact.



a) Off: Switch position down

b) On: Switch position up

① If the icon for potential-free contact is not displayed, contact your retailer or installation technician.

① See 5.1.6 Setting the potential-free contact, EN-78

## 4.5 Switching ECO mode on/off

ECO mode is activated for intermissions in operation to temporarily reduce steam production. This ensures that the cabin temperature remains at 30°C. The system must be switched on to activate ECO mode.

ECO mode can be activated as follows:

- From the main menu. ► Activating ECO mode in the main menu, EN-38
- Using a push button that is available as an option.

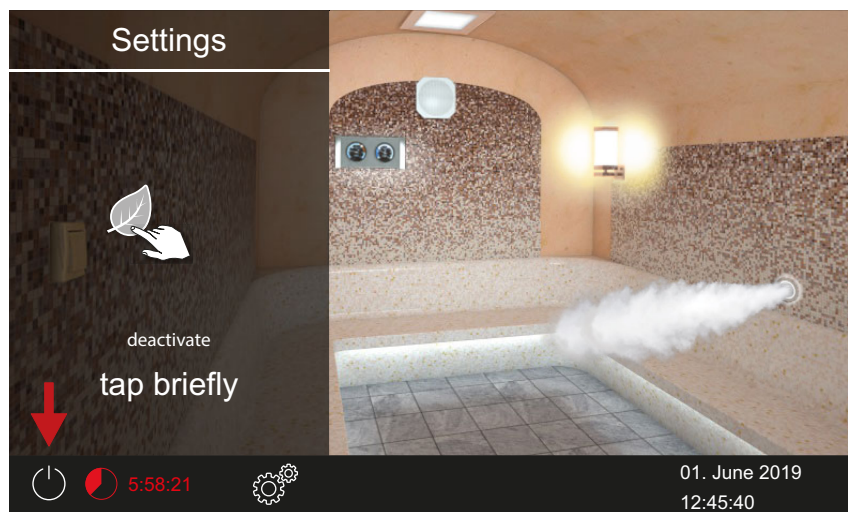
ECO mode can be deactivated as follows:

- It is switched off automatically once the period of time set in the service menu expires. A runtime must be defined in the service settings for this. See ► Cancelling ECO mode from the main menu, EN-38
- From the main menu. ► Cancelling ECO mode from the main menu, EN-38  
This option allows you to cancel ECO mode early even if a runtime has been pre-set.
- A push button is always available as an option.

# Operation

## ► Activating ECO mode in the main menu

- 1 Tap the icon for steam emission.
- 2 Tap .



## ► Cancelling ECO mode from the main menu

- 1 Tap the icon for steam emission.
- 2 Tap .

## 4.6 Advanced settings

Advanced settings are available for each individual cabin. Setting options depend on the add-on modules that are installed in each.

Depending on the installation and private versus commercial use, open the advanced settings as follows:

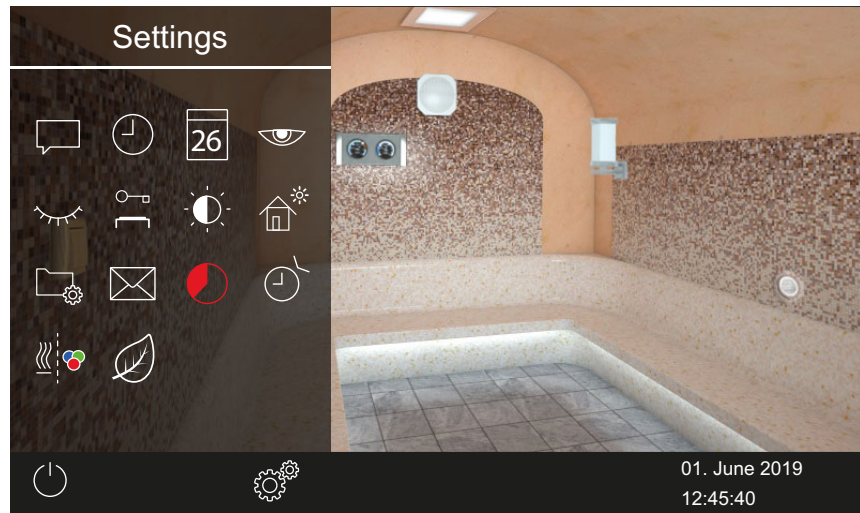
| Single installation                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                    |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Private operation                                                                                                                                                                                                                                                                                                                                                               | Commercial operation                                                                                                                                                                                                                                                                                                                                                               |
| Cabin settings                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                    |
| Tap  .  View: Private use, single installation – advanced settings,  EN-40                                             | Tap  .           Set language only                                                                                                                                                                                                                                                              |
| General settings                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                    |
| Tap and hold  for 3 seconds.<br>Enter code 5645<br> View: Private use, single installation – advanced settings,  EN-40 | Tap and hold  for 3 seconds.<br>Enter code 5645<br> View: Commercial use, single installation – advanced settings,  EN-40 |

| Installing multiple cabins                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                           |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Private operation                                                                                                                                                                                                                                                                                                                                                | Commercial operation                                                                                                                                                                                                                                                                                                                                                                                      |
| Settings for single cabins                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                           |
| <p>Select cabin</p> <p>Tap .</p> <p> Cabin settings (private multi-cabin installation),  EN-42</p>            | <p>Select cabin</p> <p>Tap and hold  for 3 seconds.</p> <p>Enter code 5645</p> <p> Cabin settings (commercial multi-cabin installation),  EN-42</p> |
| General settings for all cabins                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                           |
| <p>Select cabin overview</p> <p>Tap .</p> <p> General settings (private multi-cabin installation),  EN-41</p> | <p>Select cabin overview</p> <p>Tap .</p> <p>Enter code 5645</p> <p> General settings (commercial multi-cabin installation),  EN-41</p>                |

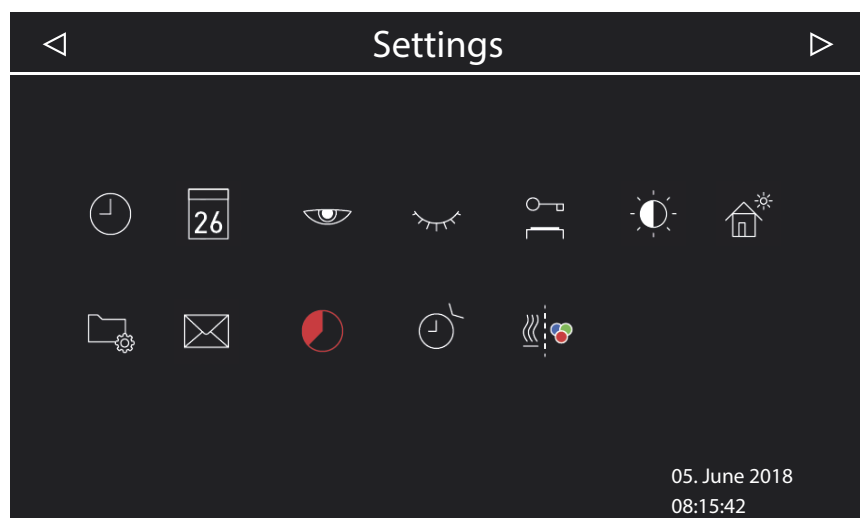
# Operation

## Single installation

For a single installation, all setting options are displayed in a sub-menu.



 View: Private use, single installation – advanced settings



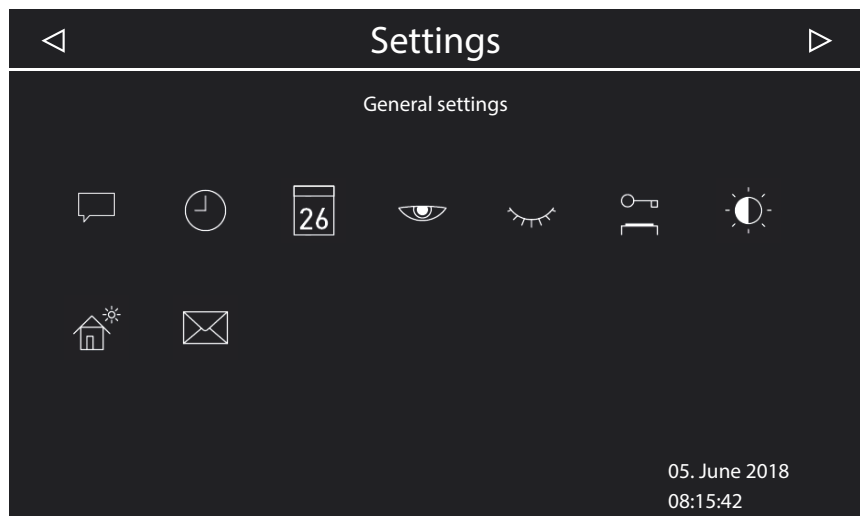
 View: Commercial use, single installation – advanced settings

## Installing multiple cabins

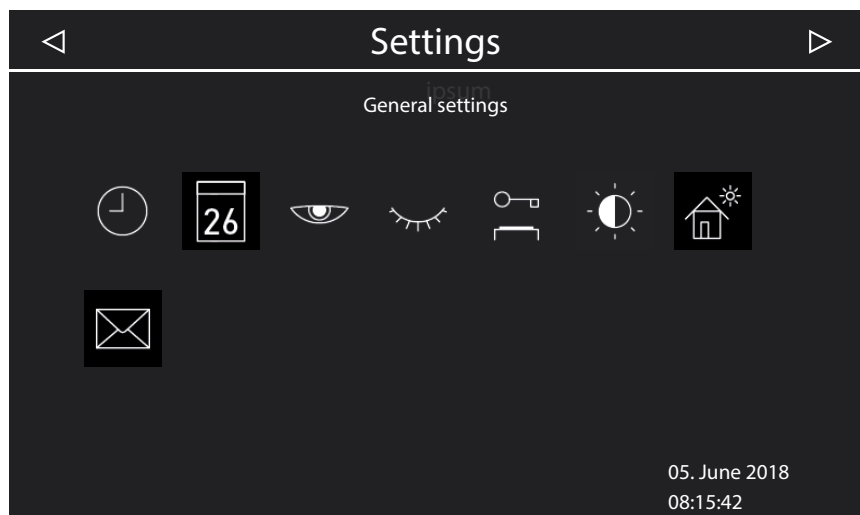
If multiple cabins are in use, you can define advanced settings for all cabins as a group.

The following settings are defined for one cabin and apply to all.

- Type of use: commercial/private
- Language



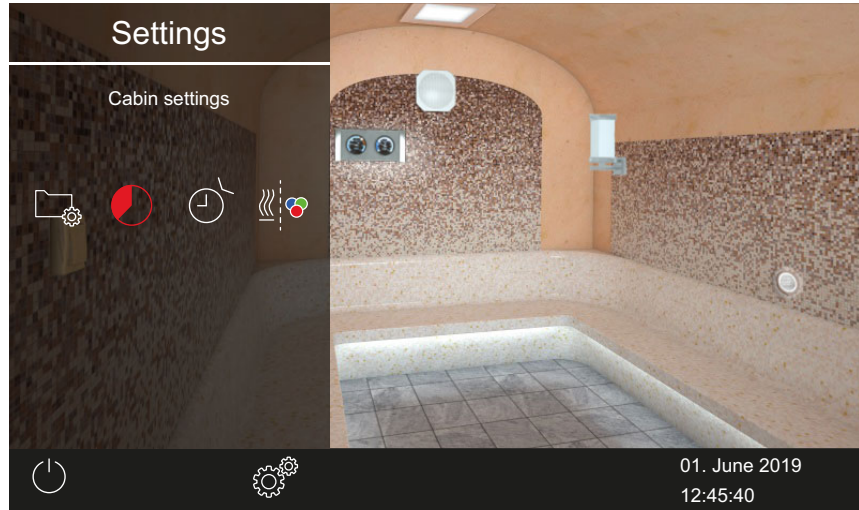
General settings (private multi-cabin installation)



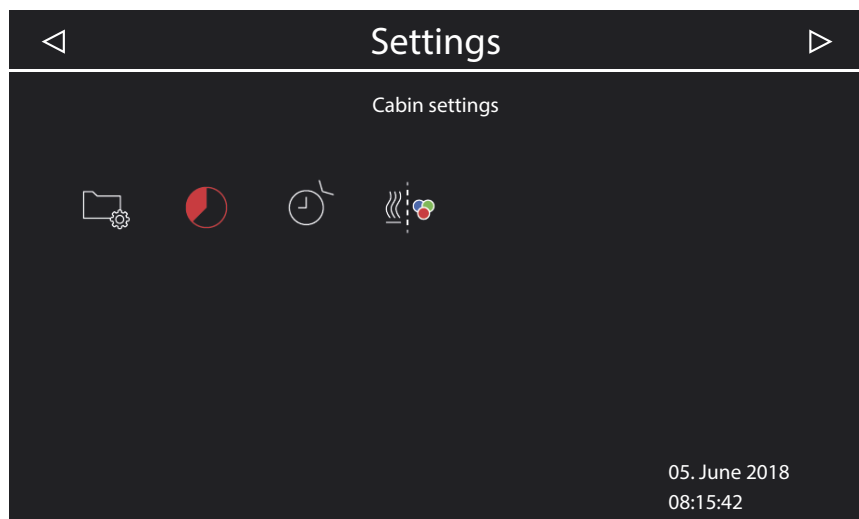
General settings (commercial multi-cabin installation)

# Operation

Advanced settings are also available for each cabin.



 Cabin settings (private multi-cabin installation)



 Cabin settings (commercial multi-cabin installation)

## Icons

The icons displayed depend on the modules installed.



Language selection,

► Changing the display language, [EN-44](#)



Time,

► Setting the time, [EN-22](#)



Date,

► Setting the date, [EN-22](#)



Screen saver,

► Setting the time for screen saver activation, [EN-45](#)



Standby,

► Setting the time for standby mode activation, [EN-46](#)



Operational lock/child lock,

► Entering the PIN for the operational lock/child lock and activating it, [EN-47](#)



Display brightness,

► Setting the contrast, [EN-49](#)



Holiday cottage mode,

► Entering the PIN for holiday cottage mode and activating it, [EN-50](#)



Operating data,

Chapter 4.6.7 Operating data, [EN-52](#)



Display manufacturer contact data



Auto stop (heating period),

► Setting auto-stop for the heating period, [EN-54](#)



Timer,

► Setting a one-time heating period, [EN-58](#),

► Setting the period for the first recurring heating period, [EN-62](#)



Coloured light module coupling,

► Coupling the coloured light to the heating, [EN-69](#)



ECO runtime

► Activating ECO mode in the main menu, [EN-38](#)

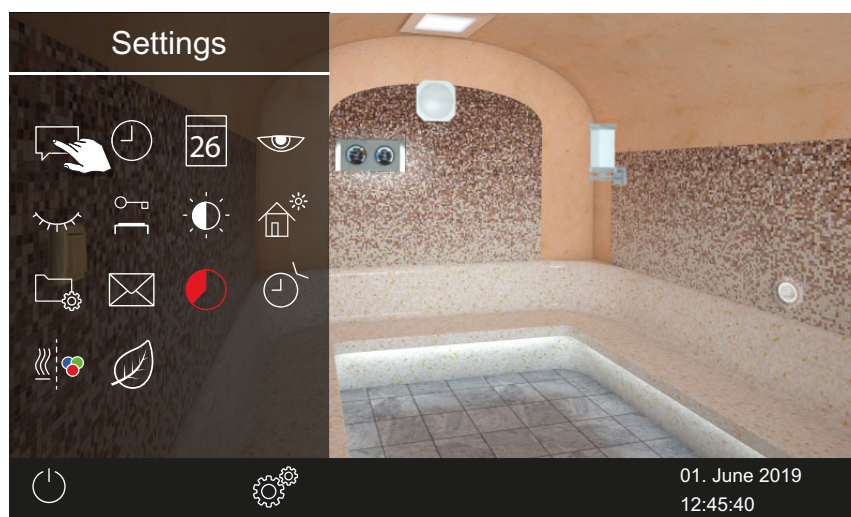


### 4.6.1 Language selection

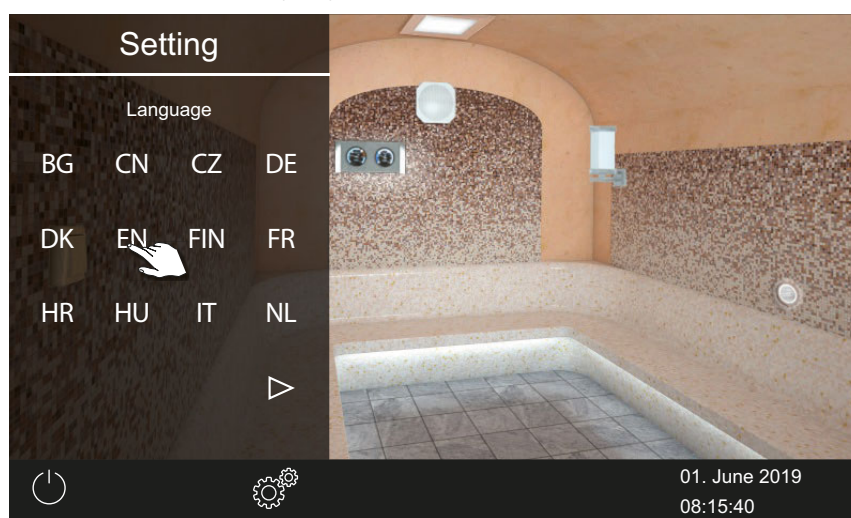
With multi-cabin installations, you can change the language at each cabin. The set language applies to all cabins.

#### ► Changing the display language

- 1 Open the advanced settings.  
 ⓘ See 4.6 Advanced settings, [EN-38](#)
- 2 Tap  and confirm the selection.



- 3 Tap the desired language.



- ⓘ The sub-menu closes. Texts on the display appear in the new language.
- ⓘ With multi-cabin installations, the new language is adopted for all cabins.

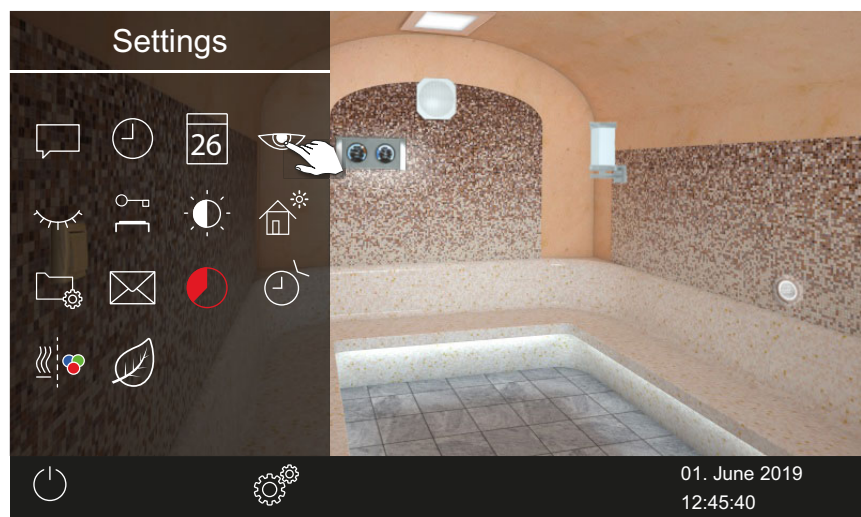


## 4.6.2 Screen saver

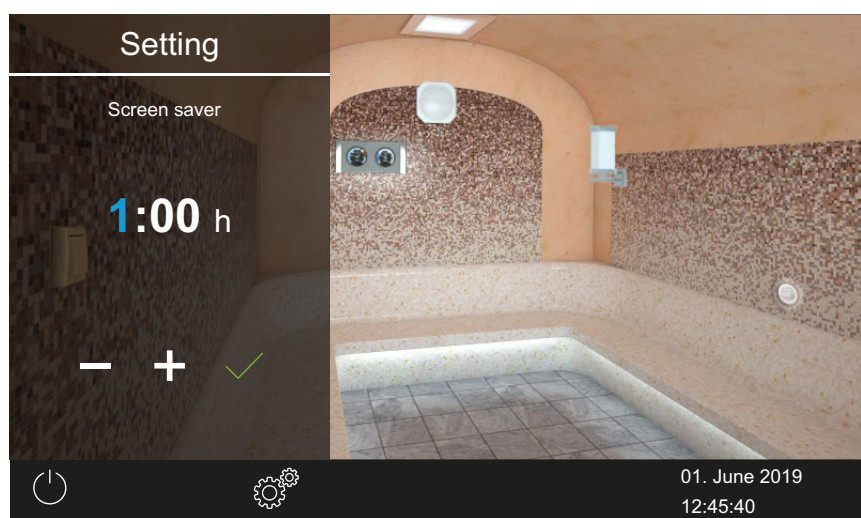
You can set a time after which the EmoTouch 3 screen saver appears on the display.

### ► Setting the time for screen saver activation

- 1 Open the advanced settings.  
① See 4.6 Advanced settings, EN-38
- 2 Tap  and confirm the selection.



- 3 Press  and  to set the time in hours.



① The active place value appears in blue.

- 4 Tap  and confirm the selection.
- 5 Press  and  to set the time in minutes.

- 6 Tap  and confirm the selection.

☒ The time is saved. The home screen with date and time is displayed as the screen saver.

### 4.6.3 Standby mode

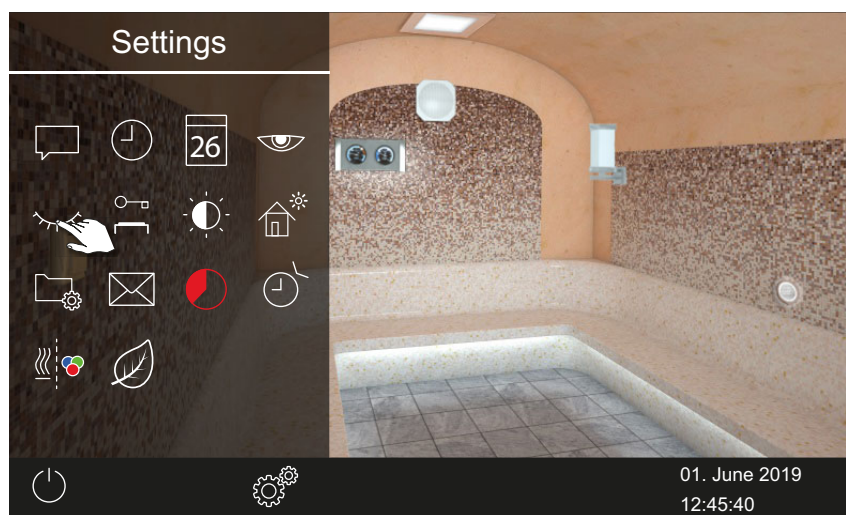
This setting allows you to define the amount of time after which the control panel switches from the screen saver to standby mode. This function may be used only if heating is off. In standby mode, the display is completely black.

Tap on the display to end standby mode.

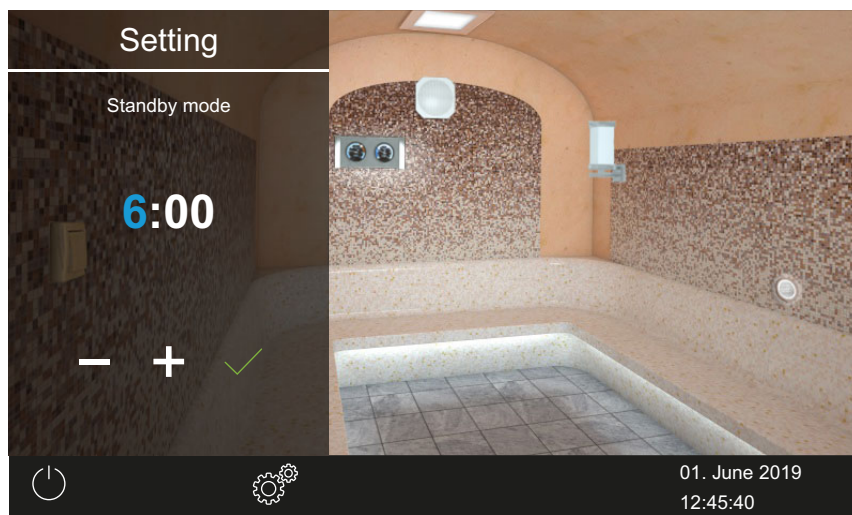
Steam supply always starts delayed, because SteamRock II Premium first performs a quick self-test to ensure correct filling and then fills with water. A few minutes may pass before steam begins to fill the cabin. Individual factors may also factor into the delay, e.g. the length of the steam pipe.

#### ► Setting the time for standby mode activation

- 1 Open the advanced settings.  
 ⓘ See 4.6 Advanced settings,  EN-38
- 2 Tap  and confirm the selection.



- 3 Press **+** and **-** to set the time in hours.



① The active place value appears in blue.

- 4 Tap **✓** and confirm the selection.
- 5 Press **+** and **-** to set the time in minutes.
- 6 Tap **✓** and confirm the selection.
- ☒ The time is saved. In standby mode, the display is completely black.

## 4.6.4 Operational lock/child lock

You can lock the system to prevent unauthorised access. To do so, you must enter a PIN to lock the system so it cannot be operated. You may choose the PIN. It must contain 4–8 digits. It is no longer possible to operate the system if you lose the PIN.

- ▶ Entering the PIN for the operational lock/child lock and activating it, [EN-47](#)
- ▶ Deactivating the operational lock/child lock, [EN-48](#)

### NOTICE

#### No access to the control unit

The control unit cannot be used if the PIN is not known.

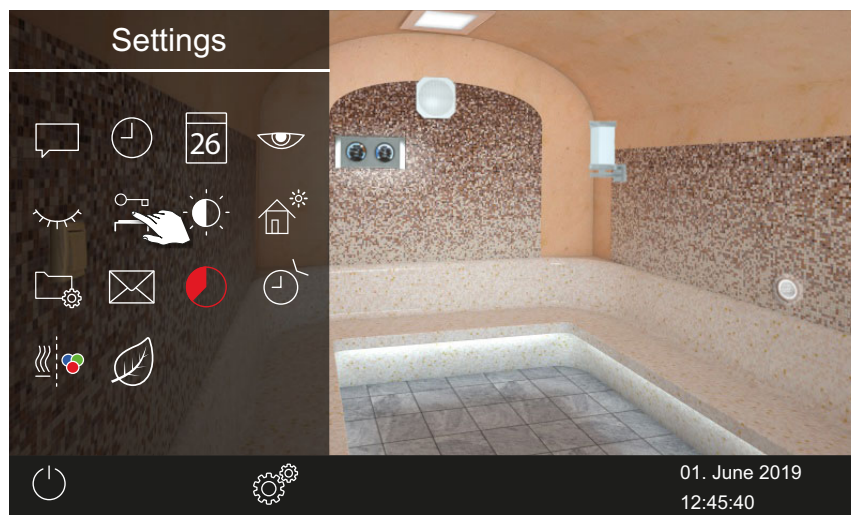
- ▶ Save the PIN in a safe place.
- ▶ Contact your retailer or EOS Service if you lose your PIN.

#### ▶ Entering the PIN for the operational lock/child lock and activating it

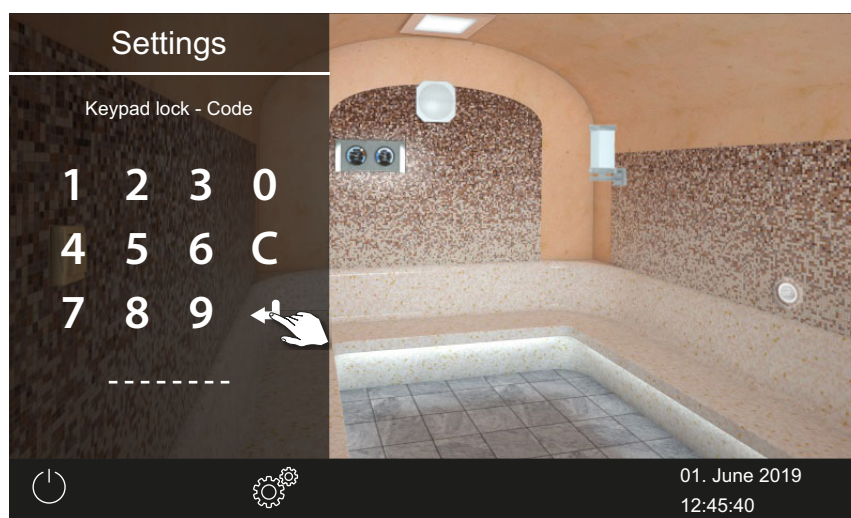
- 1 Open the advanced settings.
- ① See 4.6 Advanced settings, [EN-38](#)

# Operation

- 2 Tap  and confirm the selection.



- 3 Enter the PIN and confirm.



- ❗ The display switches to the start screen and is locked.
- ❗ In this mode, it is only possible to switch off the heat if it is running and switch on the lighting. You must enter the PIN to use any of the other functions.

## ► Deactivating the operational lock/child lock

- 1  : Select and confirm.
- 2  : Select and confirm.
- 3 Enter the PIN and confirm.
  - ☑ The display switches to the standby screen. All functions are available again.

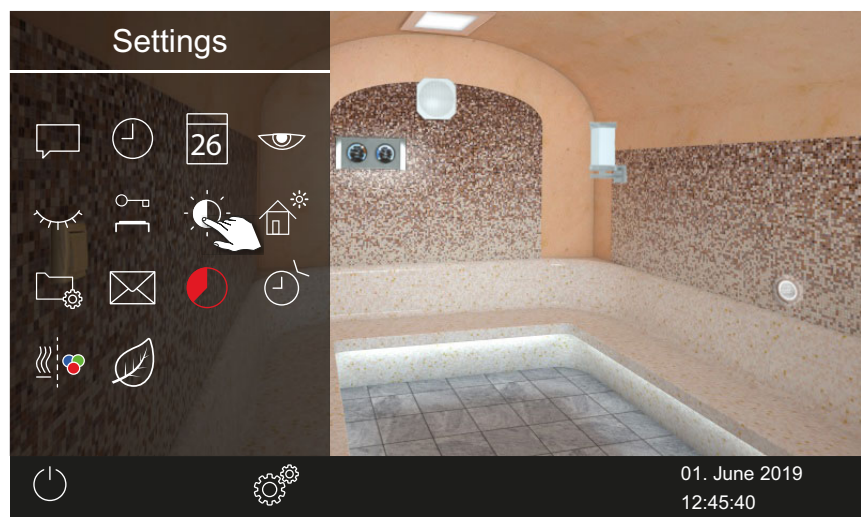


## 4.6.5 Display brightness

You can adjust the display's brightness to accommodate environmental conditions.

### ► Setting the contrast

- 1 Open the advanced settings.  
① See 4.6 Advanced settings, [EN-38](#)
- 2 Tap  and confirm the selection.



- 3 Move the slider to the desired light intensity in %.



- ① The brightness is adjusted immediately.

### 4.6.6 Holiday cottage mode

You can limit access to the following settings with a PIN:

- Steam room on/off
- Light on/off, dim light
- Essence dosing on/off, select essence 1 or 2
- Setting the temperature
- Retrieve temperature values
- Manual switching of potential-free contact
- Music control (for connected sound module)
- Coloured light control (for connected coloured light module)
- For multi-cabin installations - selection of single cabins

All other settings are locked. The corresponding icons are hidden.

You may choose the PIN. It must contain 4–8 digits. It is no longer possible to operate the system if you lose the PIN.

- ▶ Entering the PIN for holiday cottage mode and activating it, [EN-50](#)
- ▶ Deactivating holiday cottage mode, [EN-51](#)

#### NOTICE

##### No access to the control unit

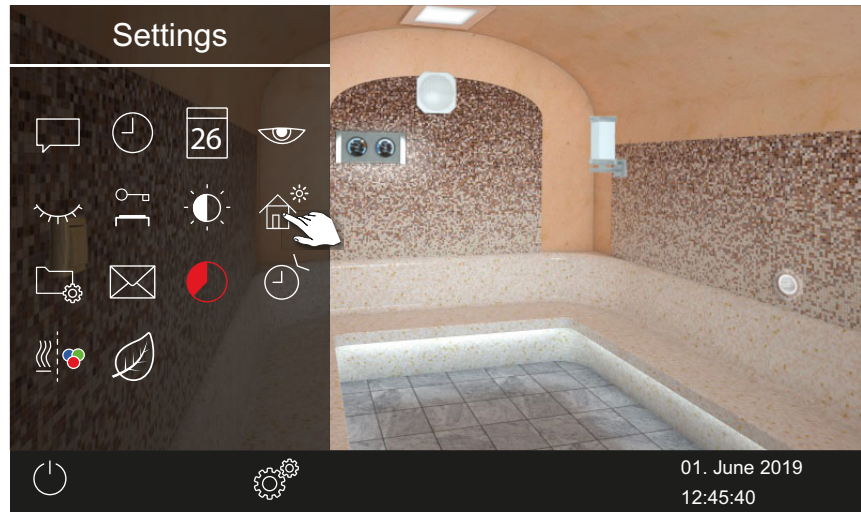
The control unit cannot be used if the PIN is not known.

- ▶ Save the PIN in a safe place.
- ▶ Contact your retailer or EOS Service if you lose your PIN.

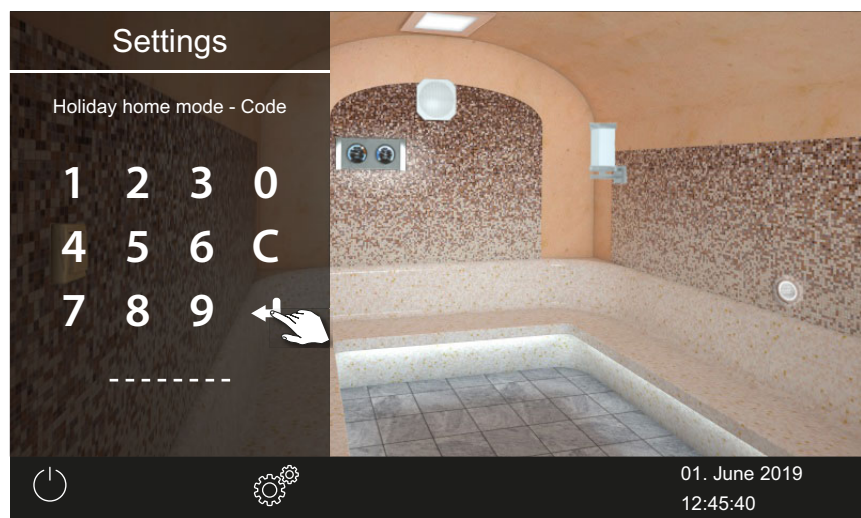
##### ▶ Entering the PIN for holiday cottage mode and activating it

- 1 Open the advanced settings.
  - ① See 4.6 Advanced settings, [EN-38](#)

- 2 Tap  and confirm the selection.



- 3 Enter the PIN and confirm.



① The display switches to the start screen and is locked.

## ► Deactivating holiday cottage mode

- 1 Open the advanced settings.  
① See 4.6 Advanced settings,  EN-38
- 2 Enter the PIN and confirm.  
☒ The display switches to the standby screen. All functions are available again.

### 4.6.7 Operating data

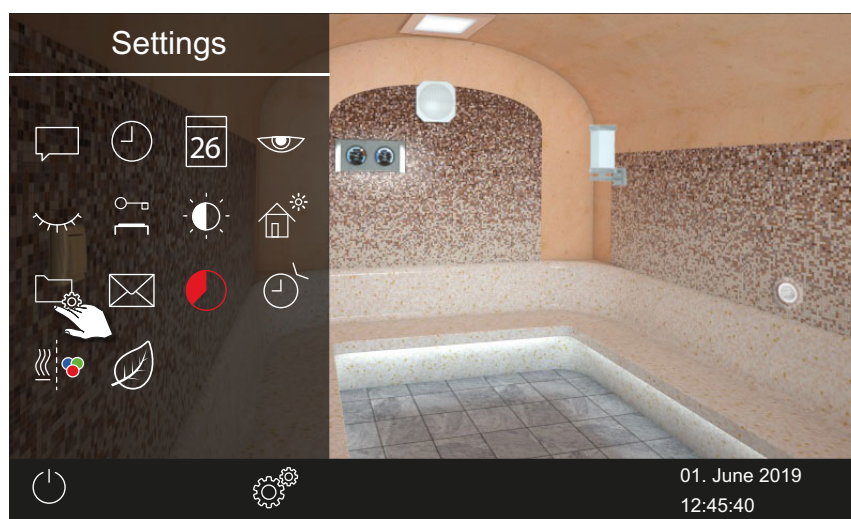
You can retrieve your control unit's current firmware version and device number for the control panel, the modules, and the service interval.

- ▶ Retrieving the firmware version and unit serial number, [EN-52](#)
- ▶ Retrieving the next service date, [EN-53](#)

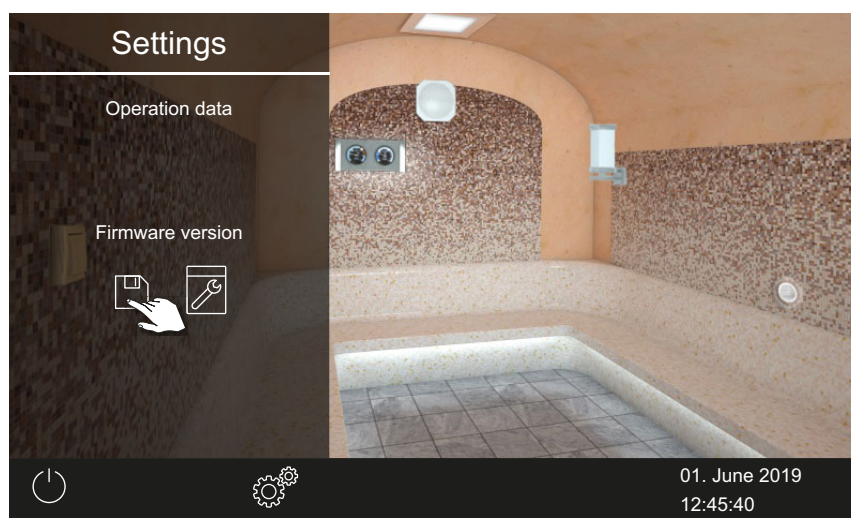
#### ▶ Retrieving the firmware version and unit serial number

- 1 Open the advanced settings.
  - ❗ See 4.6 Advanced settings, [EN-38](#)

- 2 Tap  and confirm the selection.



- 3 Tap  and confirm the selection.

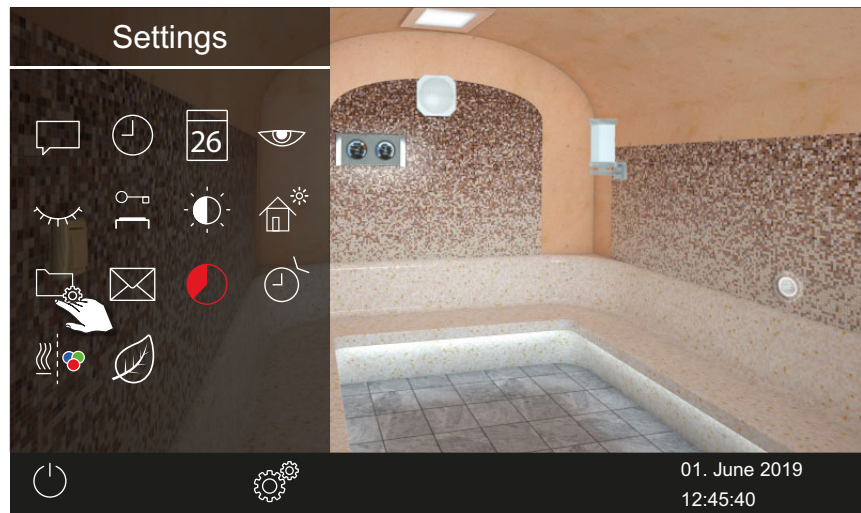


☒ The current status of each module is displayed. The serial number is displayed, e.g. 021000182.

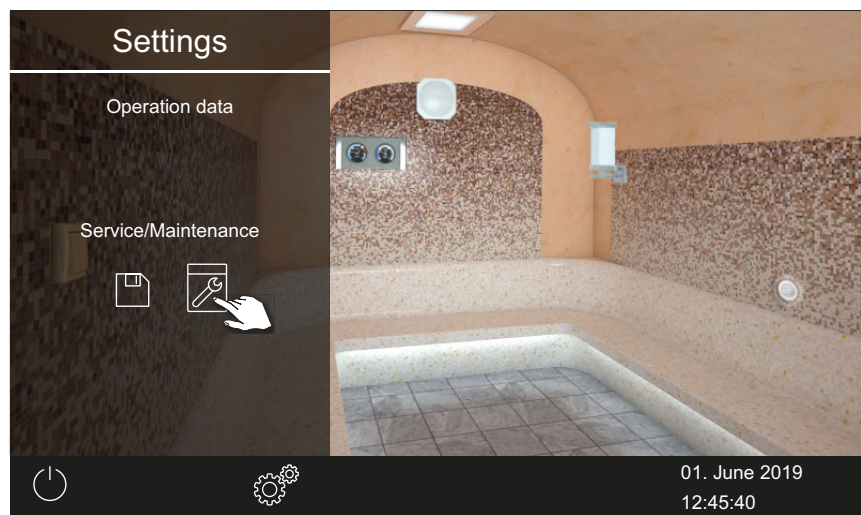


## ► Retrieving the next service date

- 1 Open the advanced settings.  
① See 4.6 Advanced settings, [EN-38](#)
- 2 Tap  and confirm the selection.



- 3 Tap  and confirm the selection.



- ☒ The time in hours that remains until the next servicing is displayed.

The following values are set for the service intervals by the factory:

- Private use: 500 hours
- Commercial use: 2500 hours

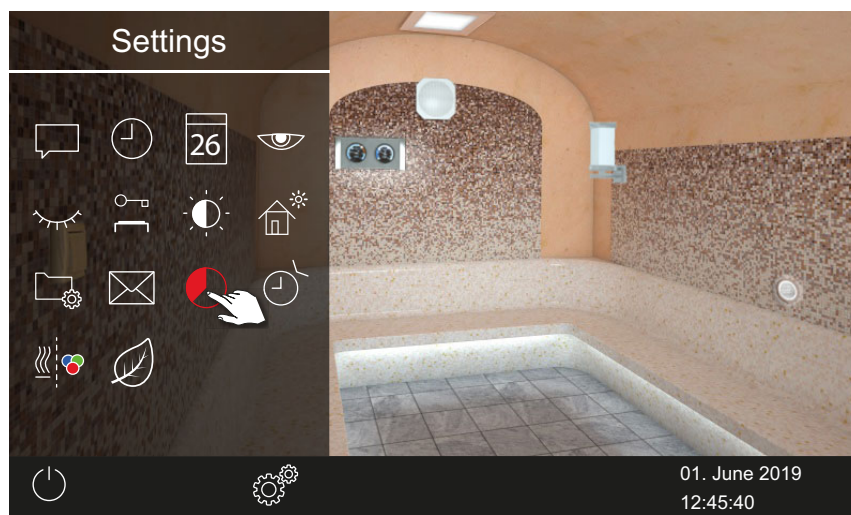
#### 4.6.8 Heating period – auto stop

You can make settings to stipulate how long the cabin should be supplied with steam.

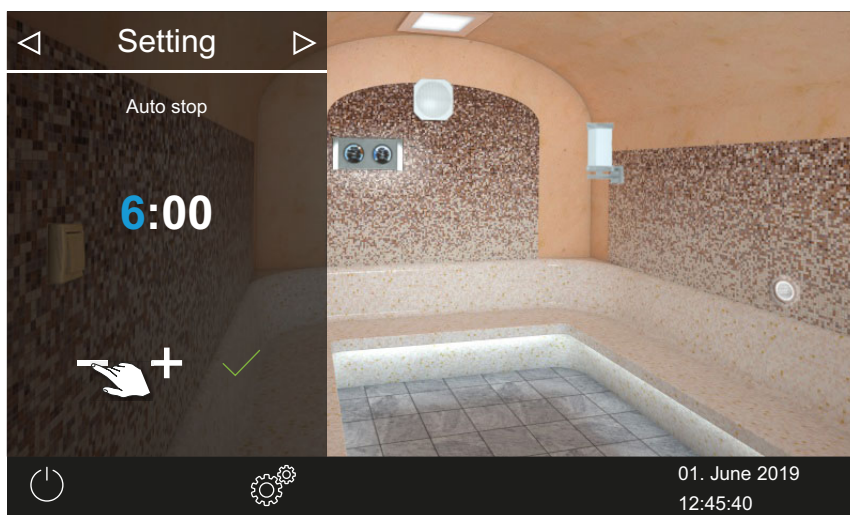
If the system is used in a private setting, the heating period is limited to 6 hours. If the system is used commercially, there is no limit for the heating period. Please observe the local statutory intermission times.

##### ► Setting auto-stop for the heating period

- 1 Open the advanced settings.  
① See 4.6 Advanced settings, [EN-38](#)
- 2 Tap  and confirm the selection.



- 3 Set the desired heating period in hours and minutes by pressing **+** and **-**, and then confirm.



- ① The active place value appears in blue.
- ① If the system is used in a private setting, the heating period is limited to 6 hours. Therefore, it is only possible to decrease the heating period. If the system is used commercially, you must observe the statutory intermission times.

- 4 Tap **✓** and confirm the selection.
- ① After switching on the steam generator, the remaining runtime is displayed as a countdown timer in the lower left. It indicates how long the generator will remain switched on.



- ☑ Note that after the set time elapses, the fan switches on to dry the system. You can set the fan and fan runtime in the service menu.

## Fan settings:

- ▶ Activating/deactivating the fan(s) and post-cycle, EN-81
- ▶ Setting the post-cycle period for drying the cabin, EN-82

## 4.6.9 Automatic start time

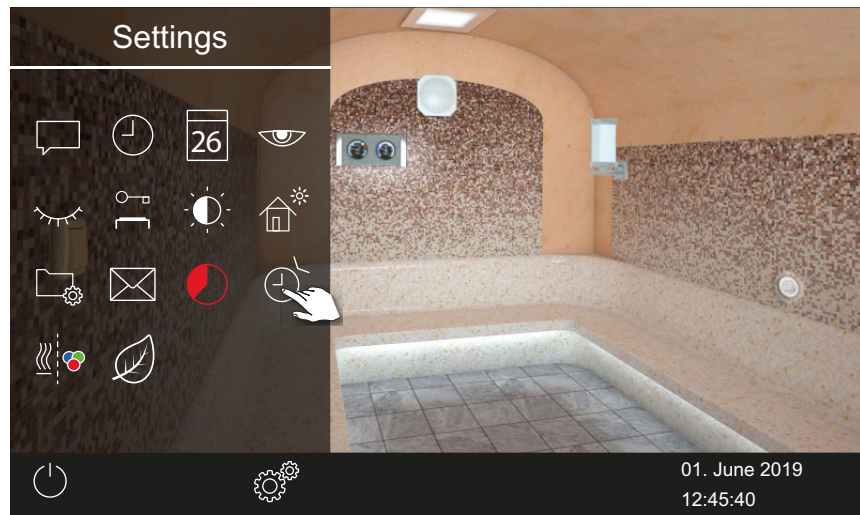
This function allows you to set the automatic start time up to 24 hours in advance.

- ▶ Selecting the operating mode, EN-24
- ▶ Setting the automatic start time, EN-56
- ▶ Deleting timer settings, EN-57

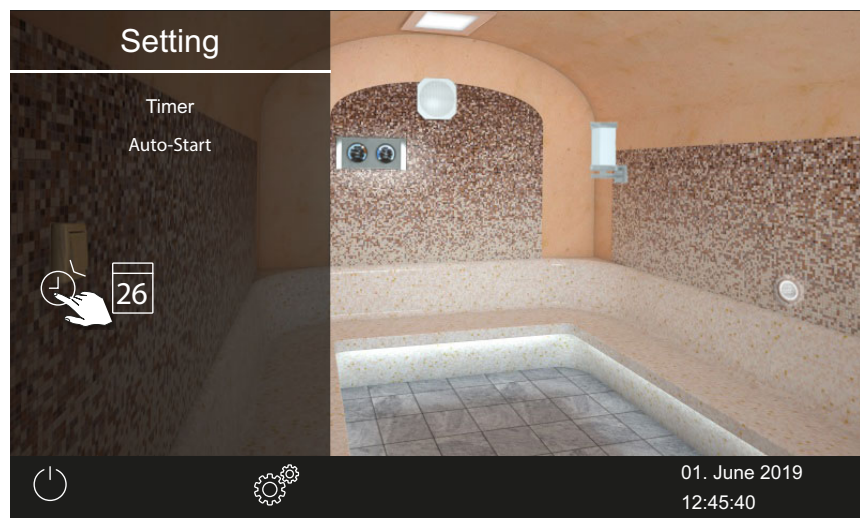
# Operation

## ► Setting the automatic start time

- 1 Open the advanced settings.  
i See 4.6 Advanced settings, EN-38
- 2 Tap  and confirm the selection.

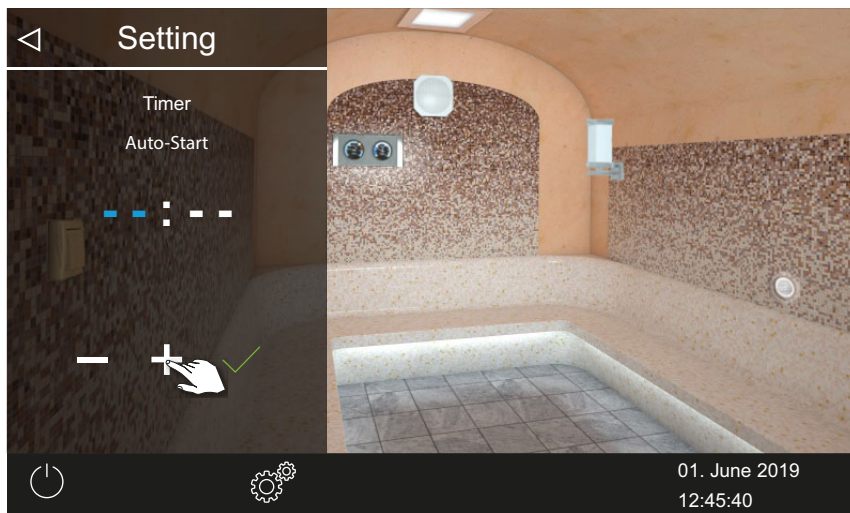


- 3 Tap .





## 4 Confirm the selection.



- 5 Press **+** and **-** to set the time in hours.
  - ① The active place value appears in blue.
  - ① Pressing and holding the icon changes the value in increment mode.
- 6 Tap  and confirm the selection.
- 7 Press **+** and **-** to set the time in minutes.
- 8 Tap  and confirm the selection.
  - ☒ The time is saved. The timer icon is displayed in blue on the cabin image.

### ► Deleting timer settings

- 1 Open the sub-menu for auto start, as shown above.
  - Setting the automatic start time, [EN-56](#)
- 2 Set the time and/or date to --:--.
  - ☒ The timer settings are deleted.

## 4.6.10 One-time heating period

This function allows you to define a one-time heating period for a single day. The heating duration corresponds to the time set for auto stop; see ► Setting auto-stop for the heating period, [EN-54](#). You can also set recurring heating periods for each cabin if the system is used commercially.

- Selecting the operating mode, [EN-24](#)
- Setting a one-time heating period, [EN-58](#)

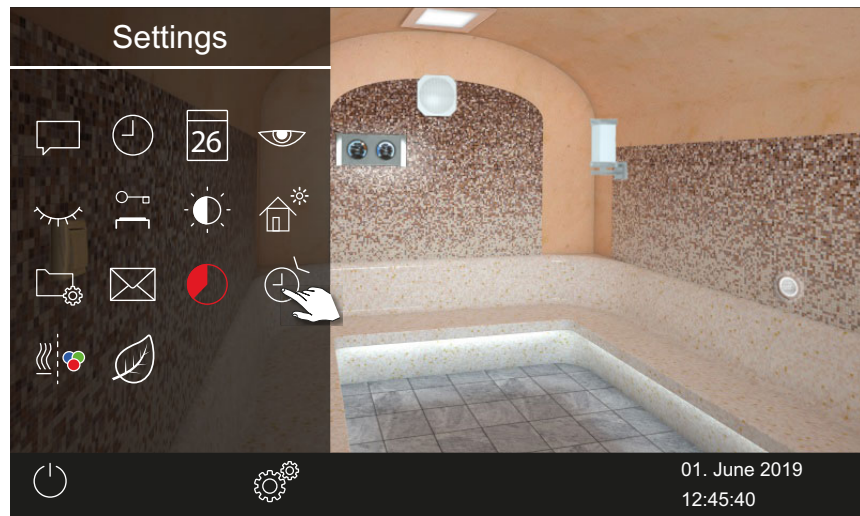
# Operation

► Deleting timer settings, [EN-61](#)

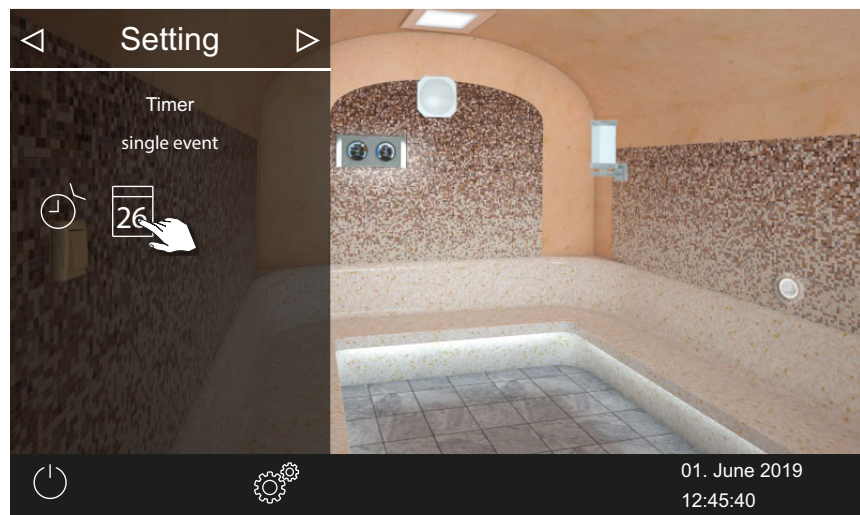
## ► Setting a one-time heating period

1 Open the advanced settings.  
 ⓘ See 4.6 Advanced settings, [EN-38](#)

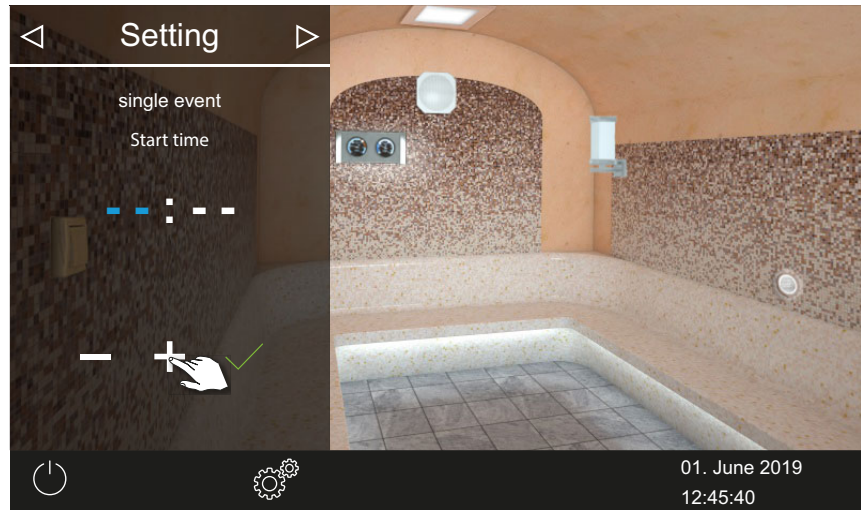
2 Tap  and confirm the selection.



3 Tap  and confirm the selection.



- 4 Press **+** and **-** to set the time in hours and minutes.

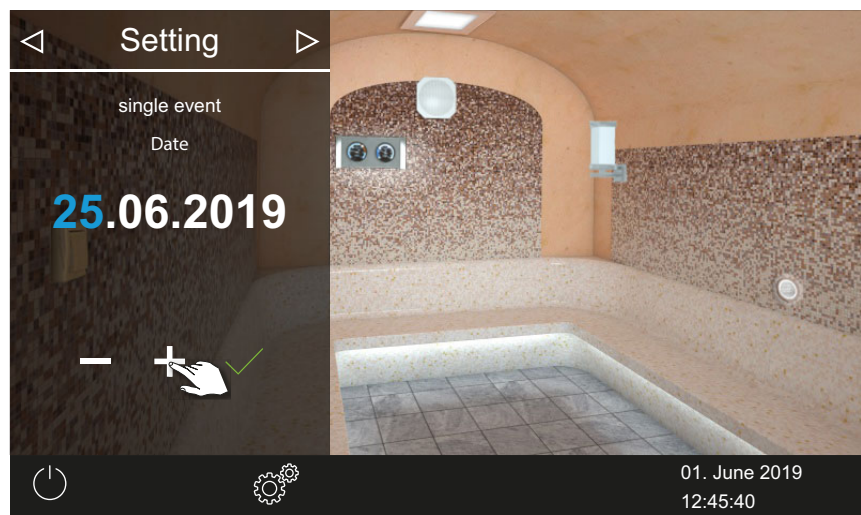


① The active place value appears in blue.

- 5 Tap **✓** and confirm the selection.

☒ The time is saved and the sub-menu for the date is shown.

- 6 Set the day, month, and year by pressing **+** and **-**.



① The active place value appears in blue.

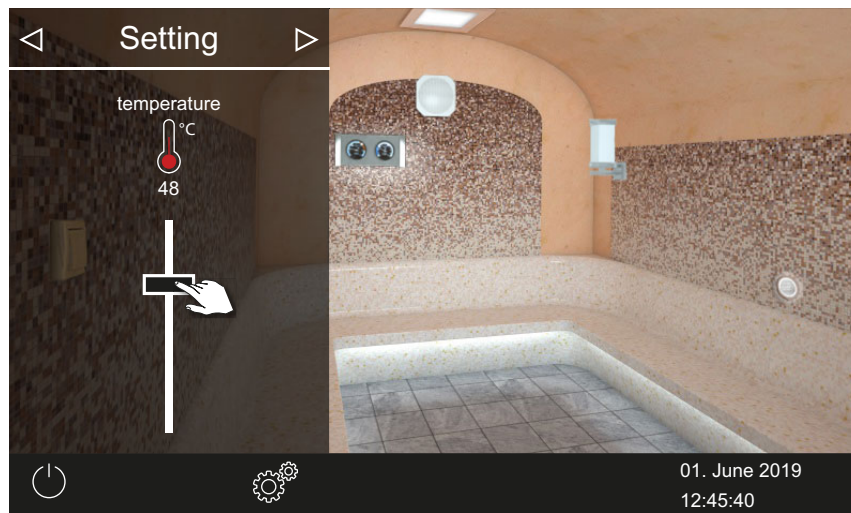
- 7 Tap **✓** and confirm the selection.

☒ The date is saved and the sub-menu for the temperature is shown.



# Operation

- 8 Move the slider to the desired temperature.

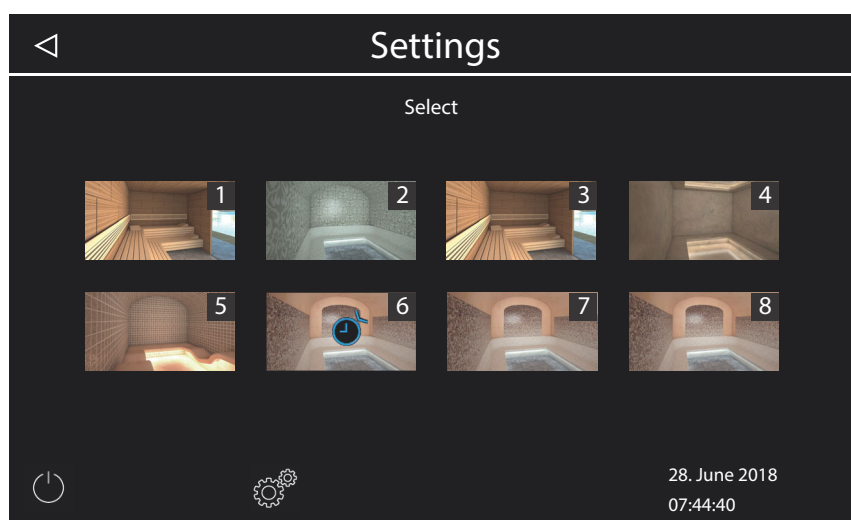


- 9 Tap  to close the sub-menu.

☒ The settings are saved.



- ❗ A blue timer icon is displayed in the status bar next to the date. The date and time blink in blue.



- ❗ With multi-cabin installations, the timer symbol on the cabin image are displayed in blue.
- ❗ The heating duration corresponds to the time set for auto stop; see ► Setting auto-stop for the heating period,  EN-54.

## ► Deleting timer settings

- 1 Open the sub-menu for one-time heating periods, as shown above.
- 2 Set the time and/or date to --:--.  
☒ The timer settings are deleted.

## 4.6.11 Recurring heating periods

The function is available only in cases of commercial operation.

A series of up to four programs is possible per weekday. You can set an individual start and stop time for each recurring heating period, as well as an individual temperature.

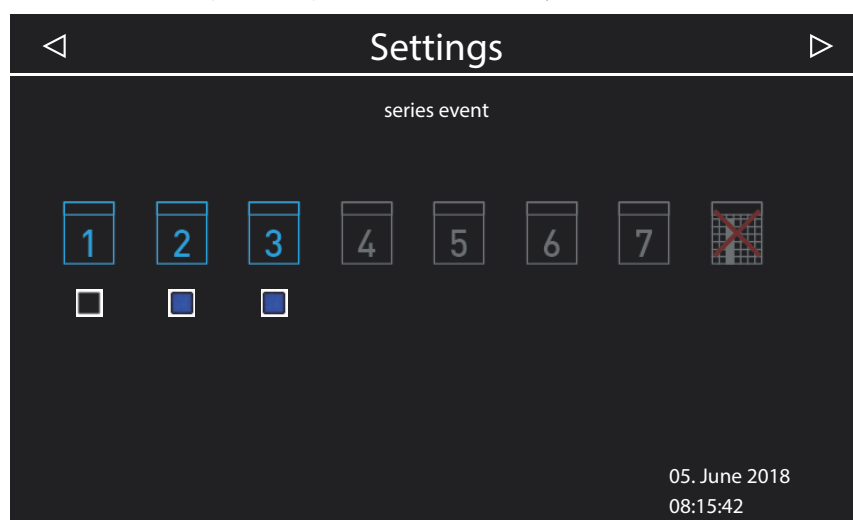
For example, you can set only one period for all days of the week and 2–3 additional heating periods on specific days of the week. These could be weekend days on which the sauna is often used.

Recurring heating periods in multi-cabin installations are set for each of the cabins individually. Please observe any applicable standards for the maximum heating period.

The following situations are displayed on the display:

|                       |                                                                                                                                                                                  |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Time blinking in blue | The programmed cycle time is permitted, the timer is started.                                                                                                                    |
| Time blinking in red  | The programmed cycle time is not permitted, the timer does not start.<br>Possible causes: Heating time limitation is exceeded or the required intermission time is not observed. |

Defined recurring heating periods are displayed as follows:



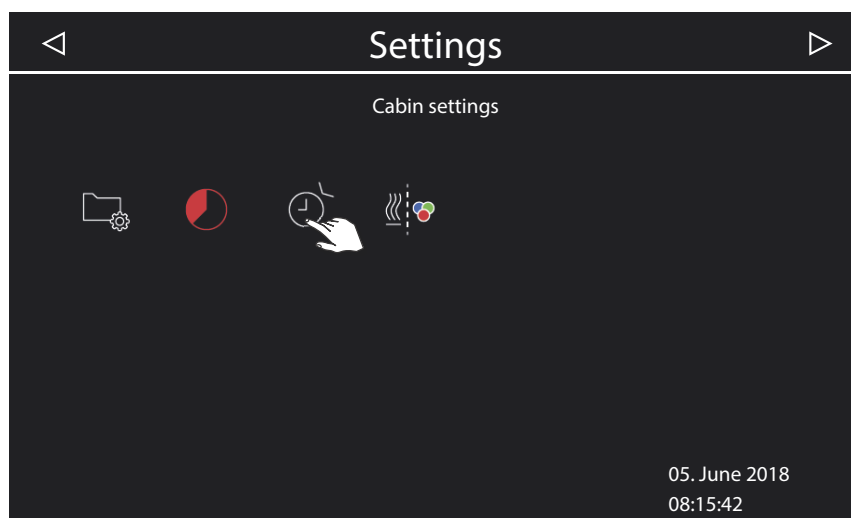
# Operation

|                              |                                                                                         |
|------------------------------|-----------------------------------------------------------------------------------------|
| Monday (1)                   | Check box is black: Set period is deactivated. The cabin is not heated.                 |
| Tuesday and Wednesday (2, 3) | Check box is blue: Set period is activated. The cabin is heated during the set periods. |
| Weekdays 4–7                 | No periods set.                                                                         |

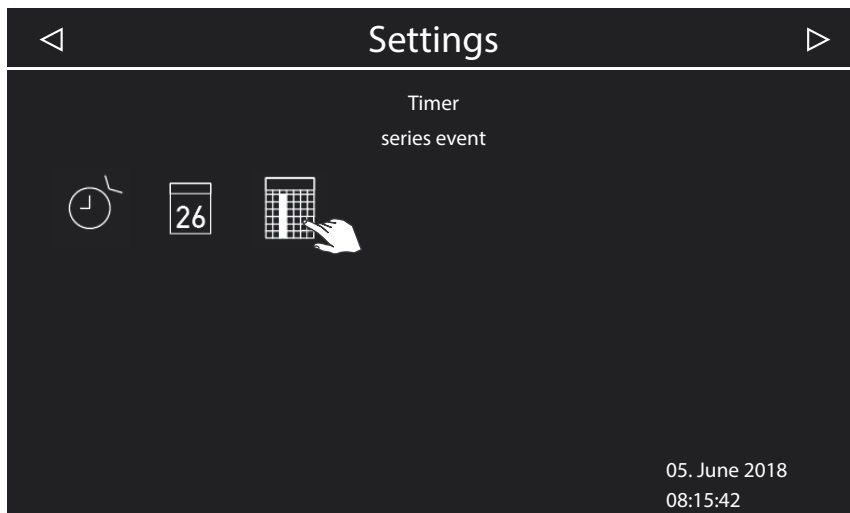
- ▶ Setting the period for the first recurring heating period, [EN-62](#)
- ▶ Setting the second heating period in the series, [EN-66](#)
- ▶ Deleting the period in a series, [EN-66](#)
- ▶ Deleting all recurring heating periods, [EN-67](#)

## ▶ Setting the period for the first recurring heating period

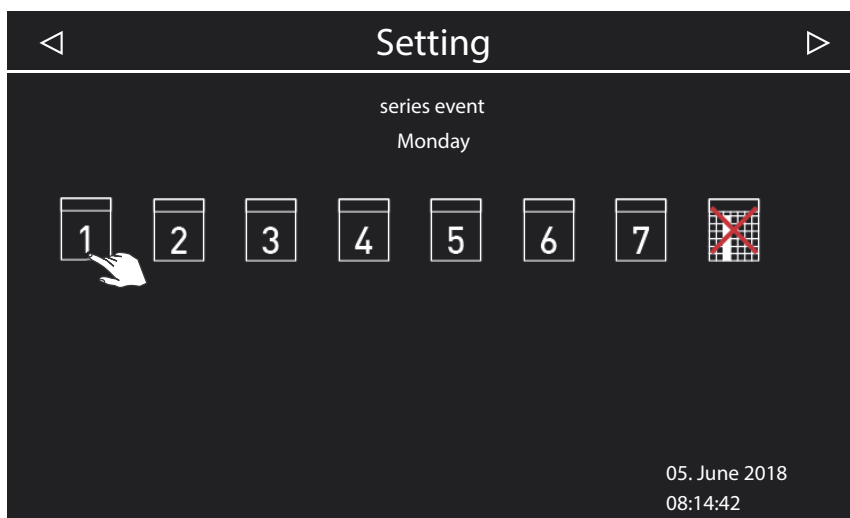
- 1 Open the advanced settings.
  - ① See 4.6 Advanced settings, [EN-38](#)
  - ① In the multi-cabin installation, open the advanced settings for one cabin.
- 2 Tap  and confirm the selection.



3 Tap  and confirm the selection.



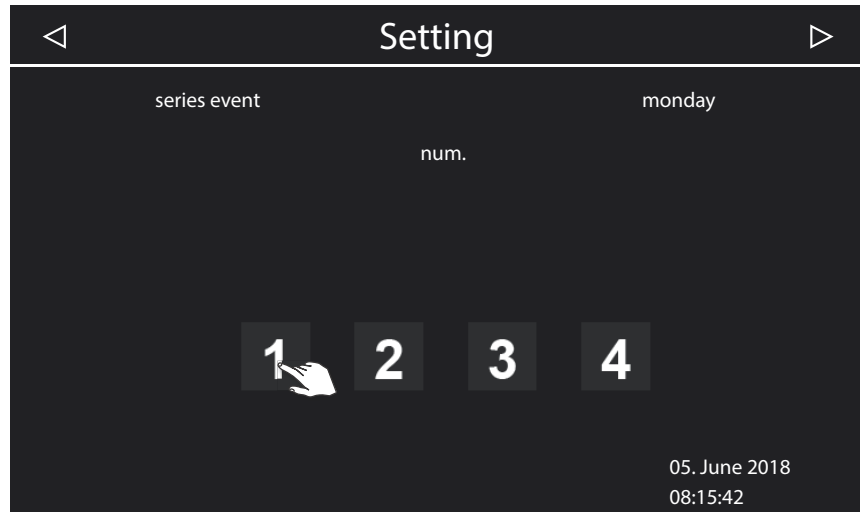
4 Tap the day of the week and confirm the selection.



① A series of four periods is possible per day of the week.

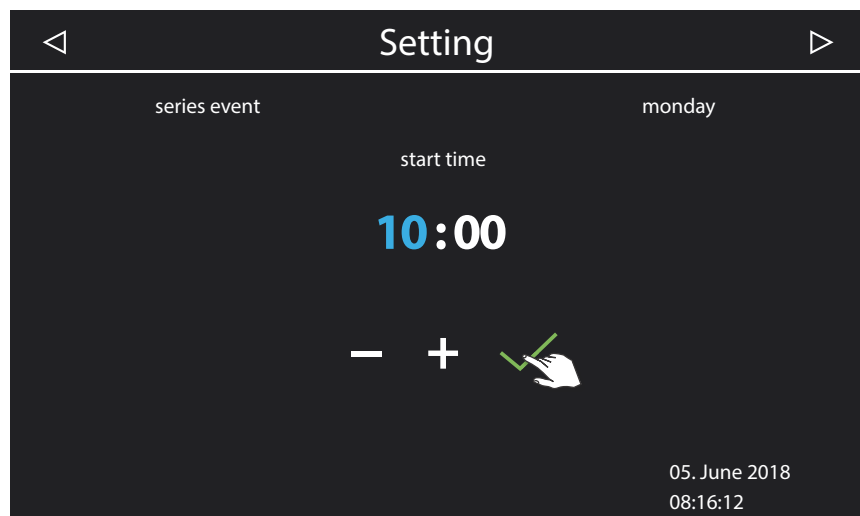
# Operation

- 5 Tap the number for the first period of the series and confirm.



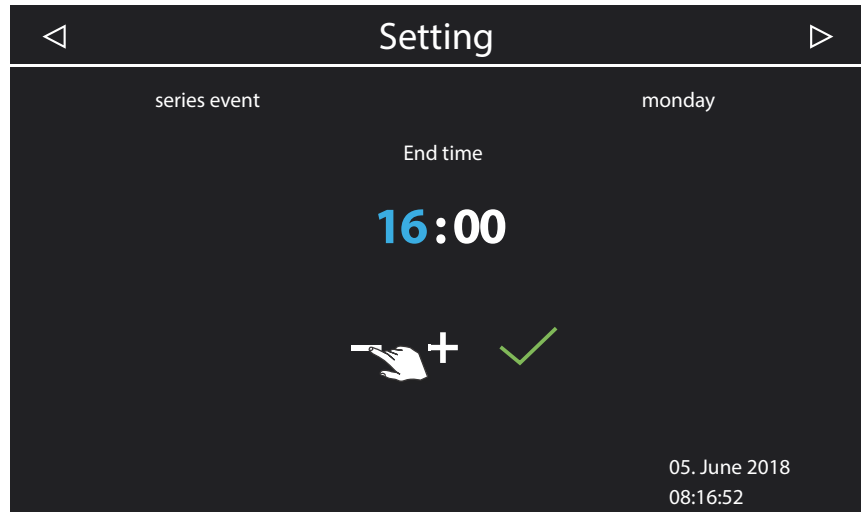
- ① Enter the start time and end time for each heating period.

- 6 Set the start time with **+** and **-**, and then confirm by pressing .

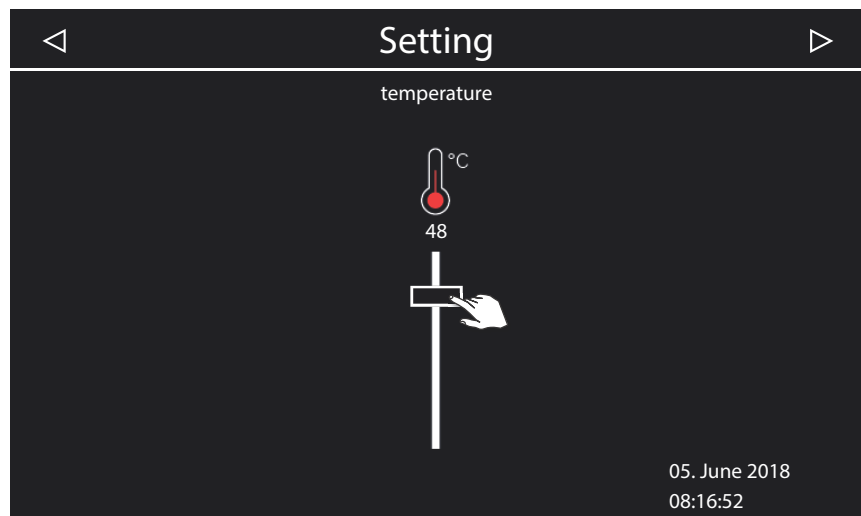


- ① The active place value appears in blue.

- 7 Set the end time with **+** and **-**, and then confirm by pressing **✓**.



- 8 Set the desired temperature with the slider.

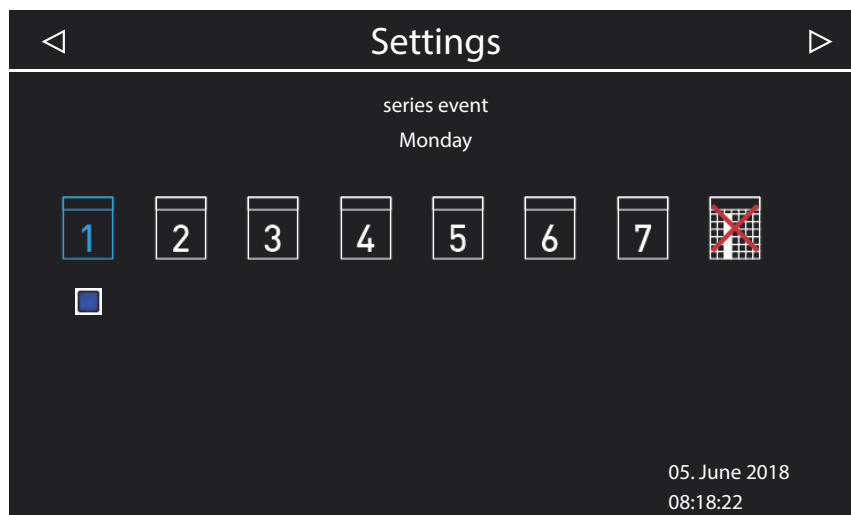


- ☒ This sets the first period of the series.



### ► Setting the second heating period in the series

- 1 Repeat the steps for the next heating period:



① Days of the week with a recurring heating period are displayed in blue. Active series are indicated by a blue check box.

- a) Choose the recurring heating period.
- b) Choose the day of the week.
- c) Choose the next number. Blue numbers already have a heating period defined.
- d) Set the start time and end time.
- e) Set the temperature.

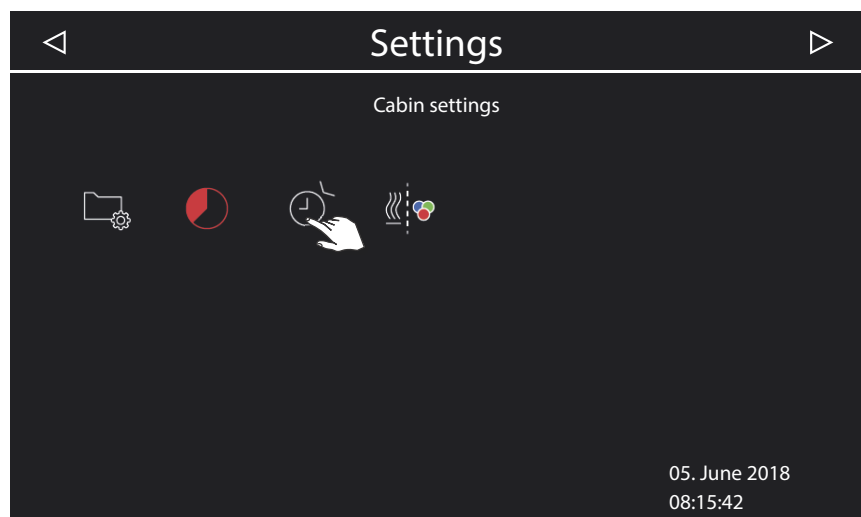
### ► Deleting the period in a series

- 1 Open the advanced settings.
  - ① See 4.6 Advanced settings, EN-38
  - ① In the multi-cabin installation, open the advanced settings for one cabin.
- 2 Tap  and confirm the selection.
- 3 Tap the day of the week and confirm the selection.
- 4 Tap the heating period number and confirm the selection.
- 5 Set the start time to --:-- and confirm the setting.
  - ① This deletes the specific heating period for the current series. All other defined heating periods remain set.

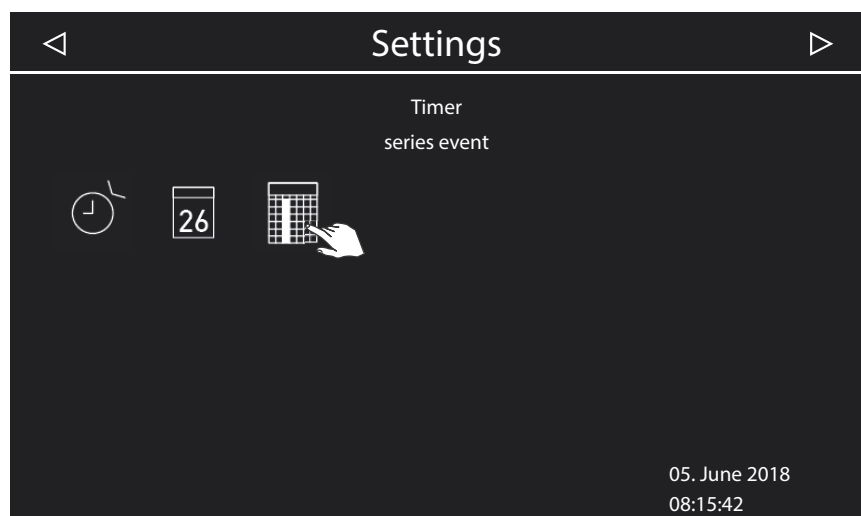
- 6 Repeat the step as needed for additional start times in the series.
  - ① When all heating periods on a given day of the week are deleted, the day appears in white again on the display.

## ► Deleting all recurring heating periods

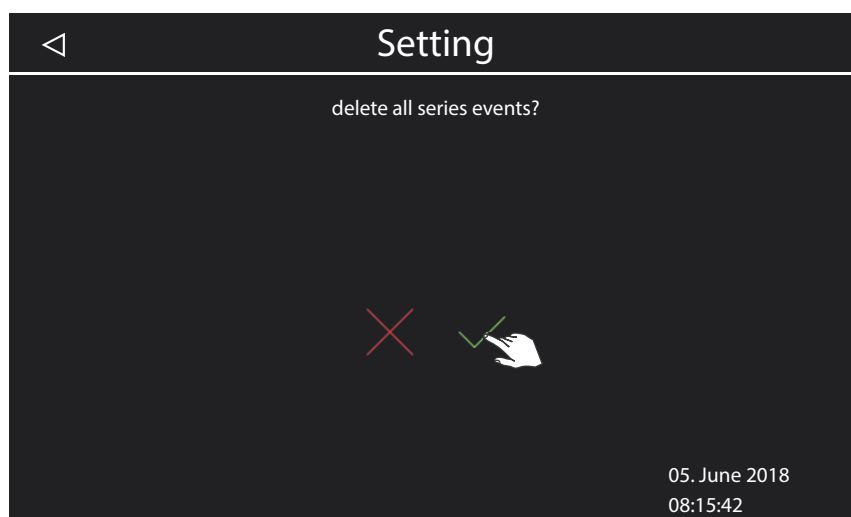
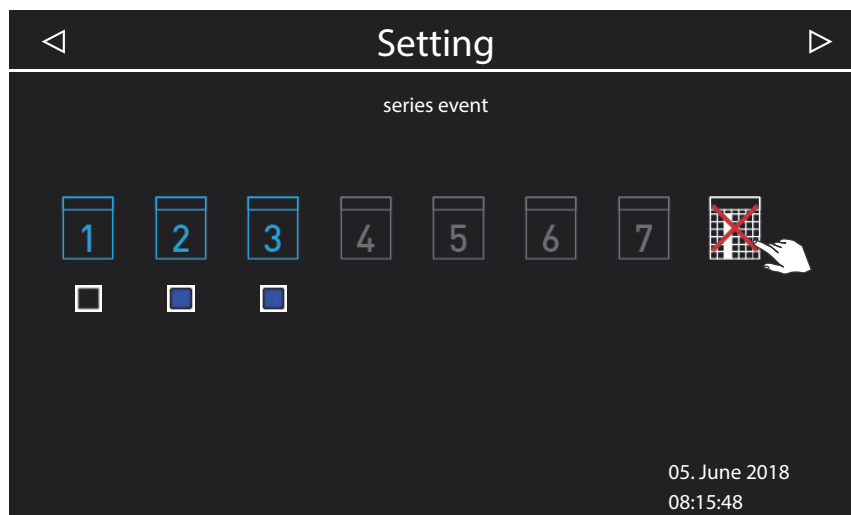
- 1 Open the advanced settings.
  - ① See 4.6 Advanced settings, [EN-38](#)
  - ① In the multi-cabin installation, open the advanced settings for one cabin.
- 2 Tap  and confirm the selection.



- 3 Tap  and confirm the selection.



- 4 Tap  and confirm the selection.



- 5 Confirm the prompt with .
- ① All series with all defined heating periods are deleted.

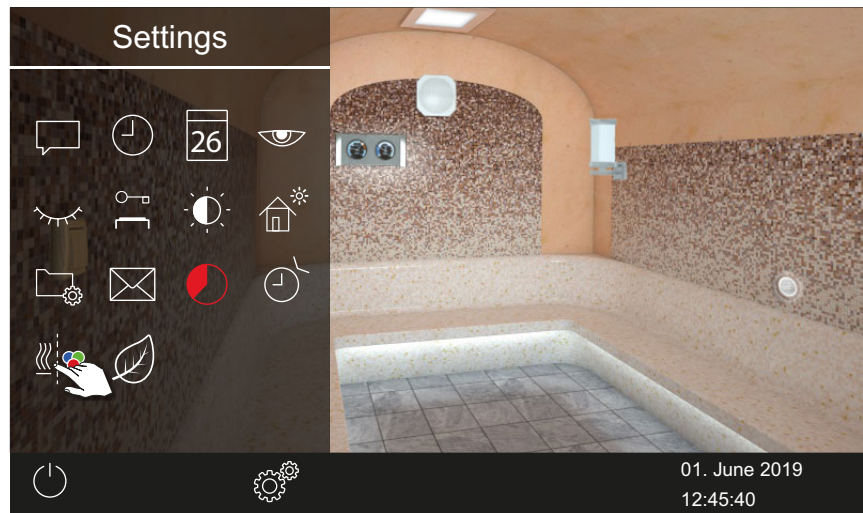
#### 4.6.12 Coloured light coupling

The (optional) coloured light system can be coupled to the heating so that it starts automatically when the steam generator is switched on. Settings for the coloured light itself are described in the installation instructions for the coloured light module.

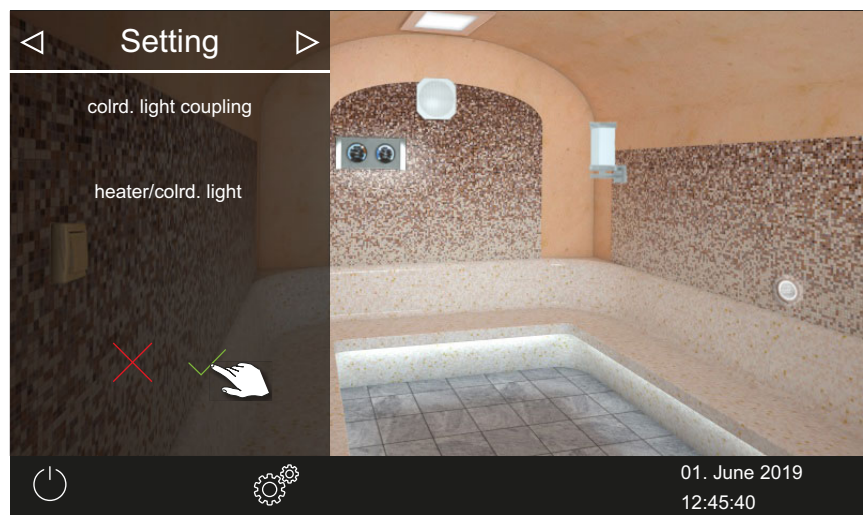
- ▶ Coupling the coloured light to the heating, [EN-69](#)
- ▶ Decoupling the coloured light from the heating, [EN-70](#)

## ► Coupling the coloured light to the heating

- 1 Open the advanced settings.  
① See 4.6 Advanced settings, [EN-38](#)
- 2 Tap  and confirm the selection.



- 3 Tap  and confirm the selection.

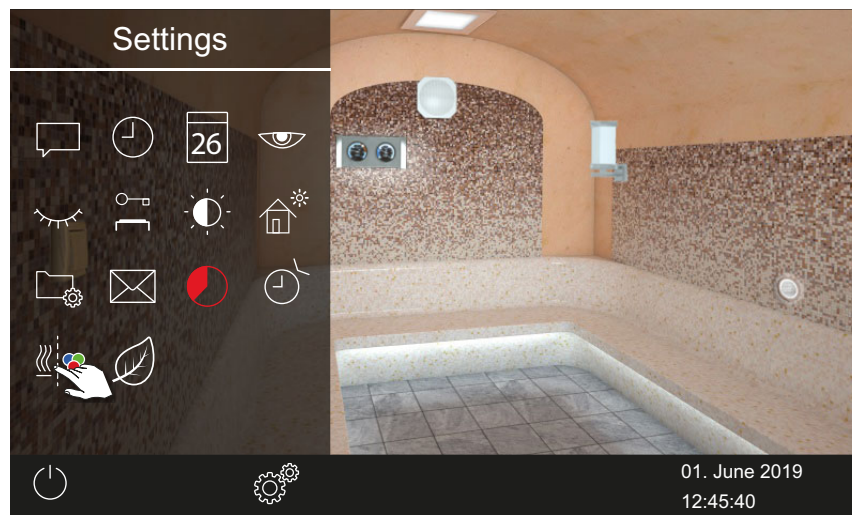


- ☒ The coloured light is coupled to the heating.

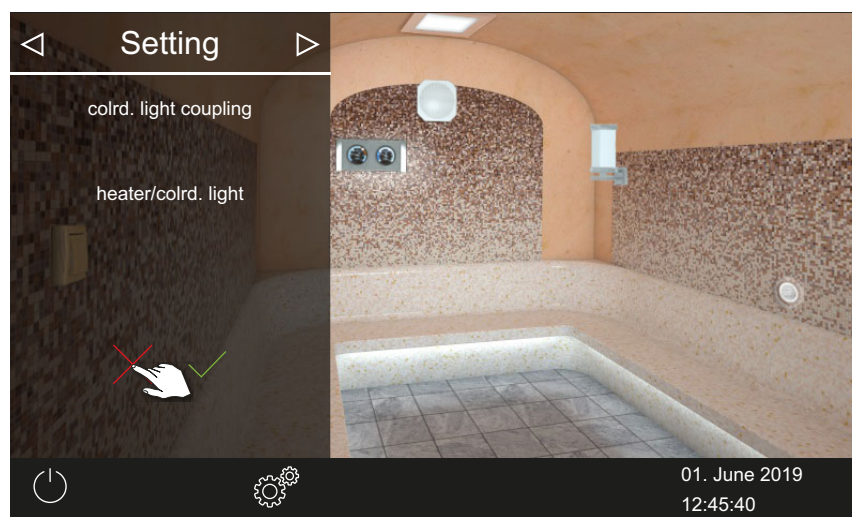
# Operation

## ► Decoupling the coloured light from the heating

- 1 Open the advanced settings.  
 ⓘ See 4.6 Advanced settings, [EN-38](#)
- 2 Tap  and confirm the selection.



- 3 Tap  and confirm the selection.



☒ Coloured light and heating are not coupled.

## 4.7 Error messages



In a multi-cabin installation, malfunctions of a particular cabin are shown at the cabin.

| Error – error message                 | Reason                                                            | Solution                                                                                                                                                                                                                                         |
|---------------------------------------|-------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Display is blank                      | No power                                                          | Check fuses.                                                                                                                                                                                                                                     |
|                                       | Switch-off switch is switched off                                 | Check that the switch is in the correct position.                                                                                                                                                                                                |
|                                       | No connection between the control panel and the power unit        | Check the cable for a secure connection.                                                                                                                                                                                                         |
| Temperature sensor interruption       | No connection to the temperature sensor                           | Check the cable and connections.                                                                                                                                                                                                                 |
|                                       | Sensor is defective                                               | Replace the sensor.                                                                                                                                                                                                                              |
| No heat (steam production)            | No connection                                                     | Check the cable and connections (broken cable, loose connection, etc.).                                                                                                                                                                          |
|                                       | Safety temperature limiter triggered                              | Safety temperature limiter may have been triggered by overheating in the water tank. Rectify the reason for overheating.<br><b>Caution:</b> Allow the steam generator to cool for a minimum of 30 min. before resetting. Press the reset button. |
| Not enough water                      | Malfunction when filling water                                    | Check water supply. Clean the filter at the water supply connector if necessary.                                                                                                                                                                 |
|                                       | No water supply, water inlet valve clogged, blocked, or defective | Clean the water inlet valve and check that it functions properly. Replace the water inlet valve if necessary.                                                                                                                                    |
| No bus communication                  | Faulty connection to the control panel                            | Check the cabling between the control panel and the power unit.                                                                                                                                                                                  |
|                                       |                                                                   | Restart the control unit.<br>Contact technical support.                                                                                                                                                                                          |
| Other errors                          | Software error                                                    | Restart the control unit.<br>Contact technical support.                                                                                                                                                                                          |
| Cabin image is displayed only in grey | Incorrect bus configuration                                       |                                                                                                                                                                                                                                                  |
|                                       | Power unit not detected                                           | Check the cabin address.                                                                                                                                                                                                                         |
|                                       | Power unit is connected to the wrong jack in the control panel    | Check the cabin address and connection in the control panel.                                                                                                                                                                                     |
|                                       | Multiple power units are programmed with the same address.        | Check the cabin addresses. Refer to the installation instructions.                                                                                                                                                                               |

## 5

## Service settings

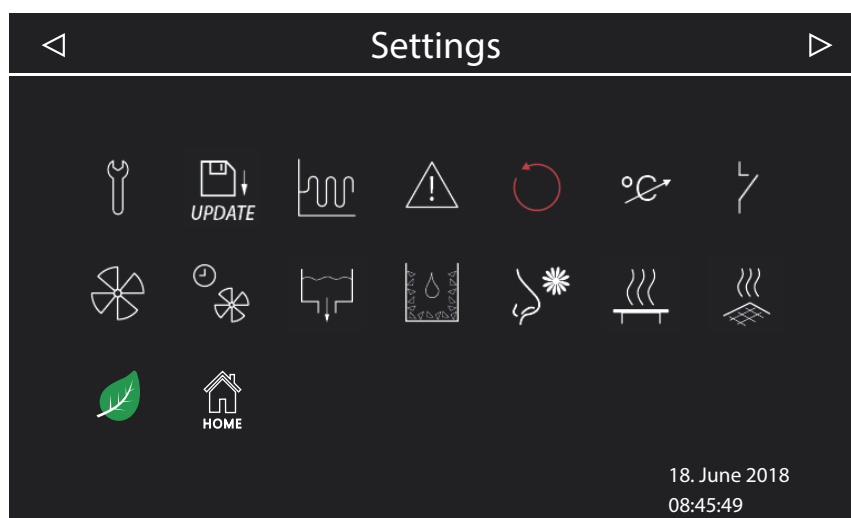
This chapter is intended for service technicians.

Settings at the service level must be made only by qualified personnel. Incorrect settings can lead to malfunctions or damage to the unit or the entire cabin.

A description of the user interface and the common icons are found in the chapter entitled Operation, [EN-19](#).

### 5.1 Service level

Access to the service level is protected by a code. The settings at this level must only be changed by trained personnel.



Advanced settings – steam room example

#### Icons



Service/maintenance

► Defining the service interval, [EN-75](#)



Update,

5.2 Updating firmware, [EN-90](#)



Hysteresis

► Setting the switching hysteresis for the steam generator, [EN-76](#)



Use

► Defining the type of use, [EN-25](#)





Reset function  
► Resetting the settings, [EN-77](#)



Temperature control  
► Setting the temperature control, [EN-78](#)



Potential-free contact  
► Setting the potential-free contact, [EN-80](#)



Fan  
► Activating/deactivating the fan(s) and post-cycle, [EN-81](#)



Fan post-cycle period  
► Setting the post-cycle period for drying the cabin, [EN-82](#)



Drain water  
► Emptying the vaporiser tank, [EN-83](#)



Descaling,  
► Starting descaling manually, [EN-84](#)



Essence dosing  
► Setting the dosing and interval, [EN-85](#)



Bench heating  
► Adjusting the temperature and hysteresis, [EN-86](#)



Floor heating  
► Adjusting the temperature and hysteresis, [EN-87](#)



ECO  
► Setting the ECO function runtime, [EN-88](#)



Home  
► Making communication settings for the building management system, [EN-89](#)

## Service settings

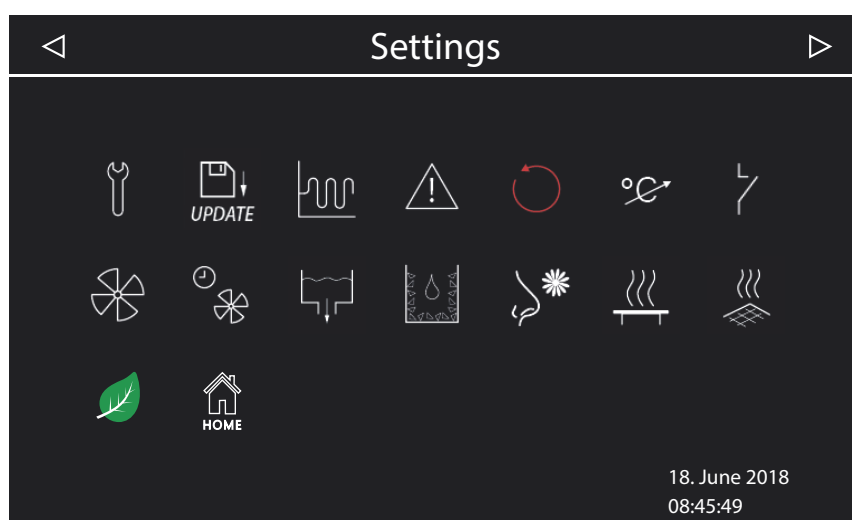
### 5.1.1 Opening service settings

Settings at the service level must be made only by qualified personnel. Incorrect settings can lead to malfunctions or damage to the unit or the entire cabin.

In multi-cabin installations, service settings are set for each of the individual cabins.

#### ► Opening the service settings menu

- 1 Tap and hold  for 3 seconds.
- 2 Enter code **5349** and confirm.



 Advanced settings (example)

- 3 Tap the desired icon.

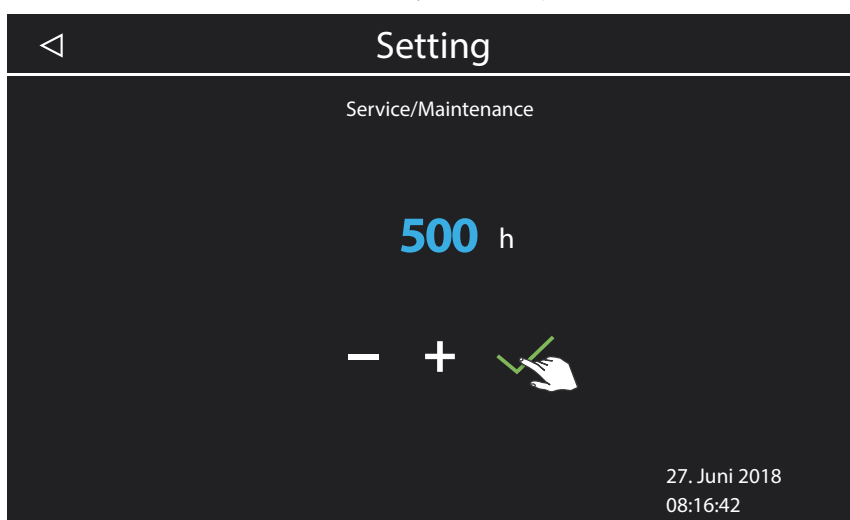
## 5.1.2 Service/maintenance

You can define the intervals for service/maintenance so that they are in line with operating conditions. The following values are set by the factory:

- Private use: 500 hours
- Commercial use: 2500 hours

### ► Defining the service interval

- 1 Open the service settings.  
① See 5.1.1 Opening service settings, [EN-74](#)
- 2 Tap  and confirm the selection.
- 3 Increase or decrease the displayed setting with  and .



- ① The value can be increased or decreased by increments of 250.

- 4 Confirm the set value.
  - ① When it is time for service again, a reminder with the saved contact data is displayed when the unit starts.
  - ① For information about the amount of time remaining before service is required again, see ► Retrieving the next service date, [EN-53](#).

## Service settings

### 5.1.3 Switching hysteresis

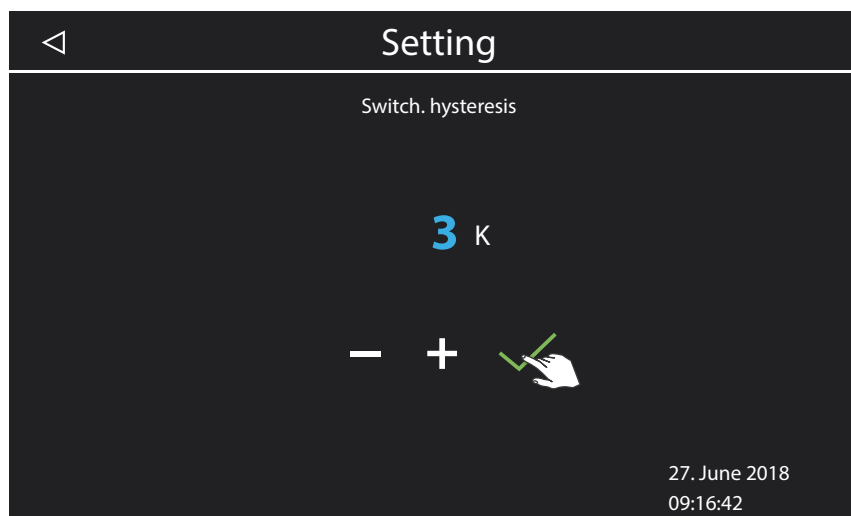
You can set the switching hysteresis for a range of 1K to 5K. This changes the temperature limits used by the control unit for the steam generator, allowing you to adjust the temperature control to accommodate the size of the cabin with greater accuracy and optimize steam production.

Example — 46°C target temperature and hysteresis 4 K: The steam generator is switched off at 48°C and switched on at 44°C.

If a switching hysteresis of 1K is set, +1K regulates it up and 0K regulates it down.

#### ► Setting the switching hysteresis for the steam generator

- 1 Open the service settings.  
 ⓘ See 5.1.1 Opening service settings, [EN-74](#)
- 2 Tap  and confirm the selection.
- 3 Set the value with  and , and then confirm by pressing .



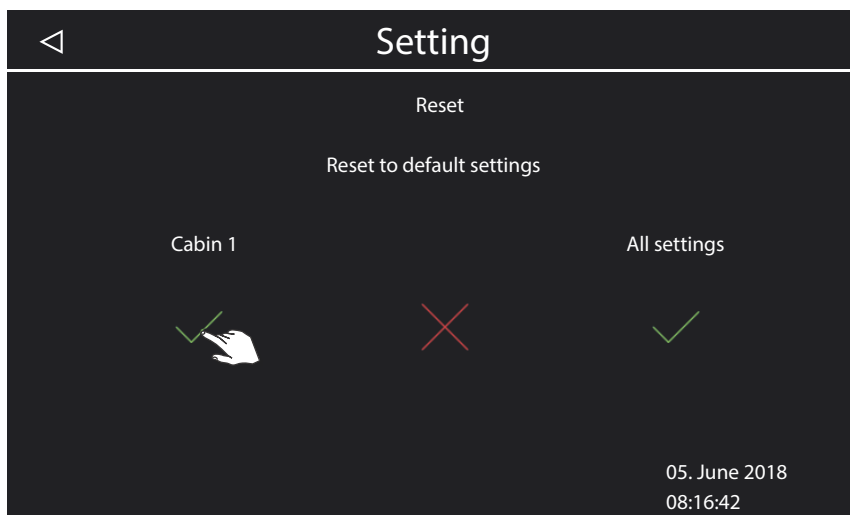
ⓘ The value can be set to any number between 1 and 5.

## 5.1.4 Reset function

You can perform a factory reset to restore the operating data or all of the settings.

### ► Resetting the settings

- 1 Open the service settings.  
① See 5.1.1 Opening service settings, [EN-74](#)
- 2 Tap  and confirm the selection.
- 3 Select the setting and confirm.  
① Any customised settings that have been set will be lost.



- a) Cabin: Reset only the settings for the current cabin.
  - b) All settings: All settings for all cabins are reset.
- ☒ If you reset the settings, the control panel restarts and the cabin settings must be reset.

## Service settings

### 5.1.5 Temperature control

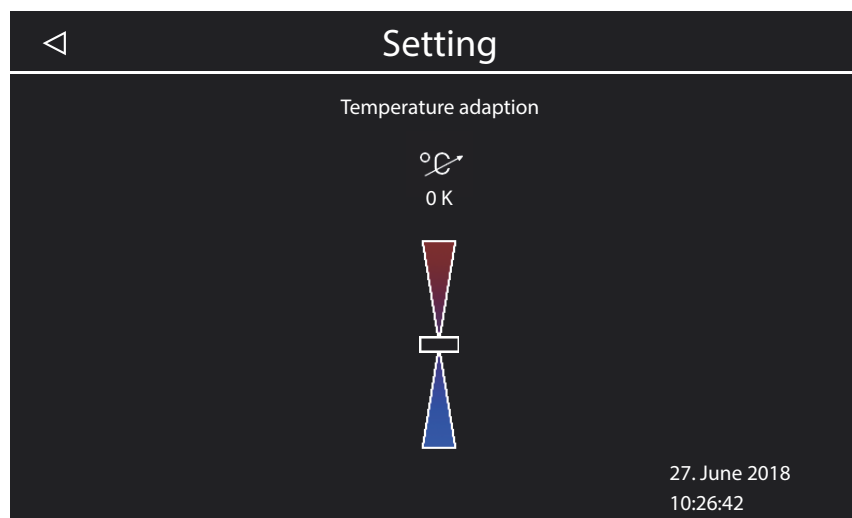
This function allows you to adjust the displayed actual temperature in relation to the actual ambient temperature. This offset can be set to a higher or lower value up to 2K.

Example — 2 K: The temperature is displayed approx. 2 K lower than it would be if a different measuring device were used.

This function should be set by experienced personnel only and must be sufficiently tested, as cabin temperatures may become too high.

#### ► Setting the temperature control

- 1 Open the service settings.  
 ⓘ See 5.1.1 Opening service settings, [EN-74](#)
- 2 Tap  and confirm the selection.
- 3 Set the slider to the desired off-set.



### 5.1.6 Setting the potential-free contact

You can connect any external device to the AUX potential-free NC contact on the circuit board of the steam generator and couple this device's switching with various steam generator functions.

For example, you can have additional cabin lighting switch on once the set cabin temperature (target) has been reached.

Observe the installation instructions and documentation for the device when retrofitting an additional device.

## NOTICE

### Property damage due to short circuiting

The supply line can short circuit if you use the mains connections L1, L2 or L3 to supply the electric circuit connected to the potential-free contact.

- ▶ Use the SteamRock II Premium mains connections only for the steam generator.
- ▶ Do not connect additional devices to the SteamRock II Premium mains connections.
- ▶ Connect the device connected to the potential-free contact and ensure that it is protected from short circuiting.
- ▶ Observe the maximum load of the potential-free contact.

Make settings for the potential-free contact to stipulate when the connected device should be switched on.

The following icons are used to make settings:



Manual switching on the display or via remote control



Deactivating the potential-free contact. The switch on the cabin image is not shown, the output becomes inactive.



Switch ON if light is currently on.



Switch ON if light is off.



Switch ON, once target temperature has been reached.



Switch ON until target temperature has been reached.



Switch ON if there is no water shortage.  
For Bi-O sauna only; not assigned for Finnish sauna.



Switch ON if there is a shortage of water in the vaporiser.  
For Bi-O sauna only; not assigned for Finnish sauna.



Switch for an additional vaporiser. Switch coupling to WB vaporiser outlet.  
For Bi-O sauna only; not assigned for Finnish sauna.



Switch ON, once actual temperature rises above 50°C (122°F).



Switch ON, once actual temperature drops below 50°C (122°F).



Switch ON if cabin is on.



Switch ON if cabin is off.



Automatic water splash after HOT function. For Finnish sauna only; not assigned for Bi-O sauna.



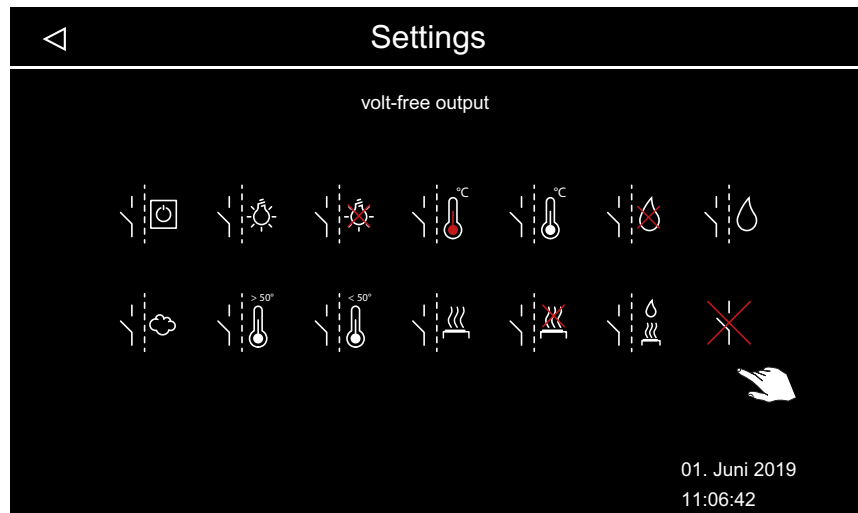
PFC switching on if there is a fault



## Service settings

### ► Setting the potential-free contact

- 1 Open the service settings.  
 ⓘ See 5.1.1 Opening service settings, EN-74
- 2 Tap  and confirm the selection.
- 3 Tap the icon for the desired switching of the potential-free contact.



- ⓘ The icons for the BiO sauna and for the sauna with humidity mode do not apply to steam rooms.
- 4 Choose the icon that should be assigned to the potential-free contact.  
 ⓘ The icon on the cabin image is displayed only with manual switching.

### 5.1.7 Fan

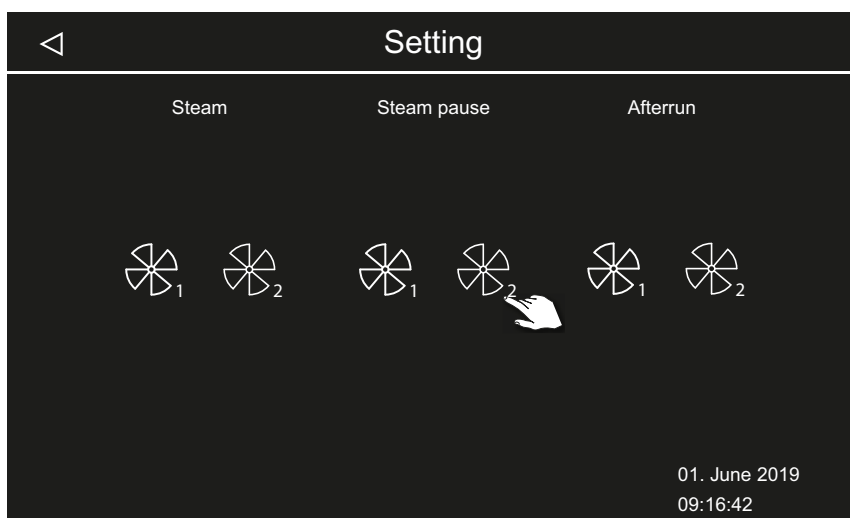
You can set functions for 2 fans, e.g. for supply and exhaust air fans. The following settings are available:

|                    |                                                                                                                                                                         |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Steam              | Fan runs while steam is generated.                                                                                                                                      |
| Steam intermission | Fan runs when steam production is off (temperature determined by target temperature). The fan switches off temporarily when the generator switches on steam production. |
| Post-cycle         | Fan is switched on after the end of the operational period. Post-cycle period up to 30 minutes This function can be assigned to fan 1 and/or fan 2.                     |

Example – for steam fan 1 (e.g. supply air) is activated, for steam intermission fan 2 (e.g. exhaust air) is activated, both fans are activated for the post-cycle: Fan 1 runs while steam is generated. Fan 2 runs only after the target temperature has been reached and no steam is produced. After operation, both fans switch on to dry the cabin.

## ► Activating/deactivating the fan(s) and post-cycle

- 1 Open the service settings.  
① See 5.1.1 Opening service settings, [EN-74](#)
- 2 Tap  and confirm the selection.
- 3 Activate or deactivate the fan(s).



- ① The white icon indicates that the function is active. The grey icon indicates that the function is not assigned.

## Service settings

### 5.1.8 Post-cycle period for fan(s)

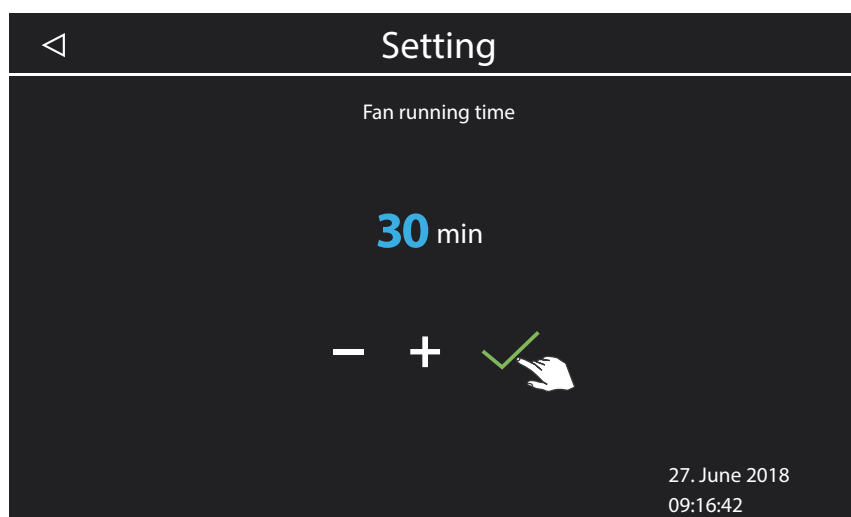
Once steam supply has ended, the cabin can be optimally dried by having a fan run post-cycle.

To use this function, you must assign the fan post-cycle to a connected fan.

► Activating/deactivating the fan(s) and post-cycle, [EN-81](#)

#### ► Setting the post-cycle period for drying the cabin

- 1 Open the service settings.  
 ⓘ See 5.1.1 Opening service settings, [EN-74](#)
- 2 Tap  and confirm the selection.
- 3 Set the value with  and , and then confirm by pressing .



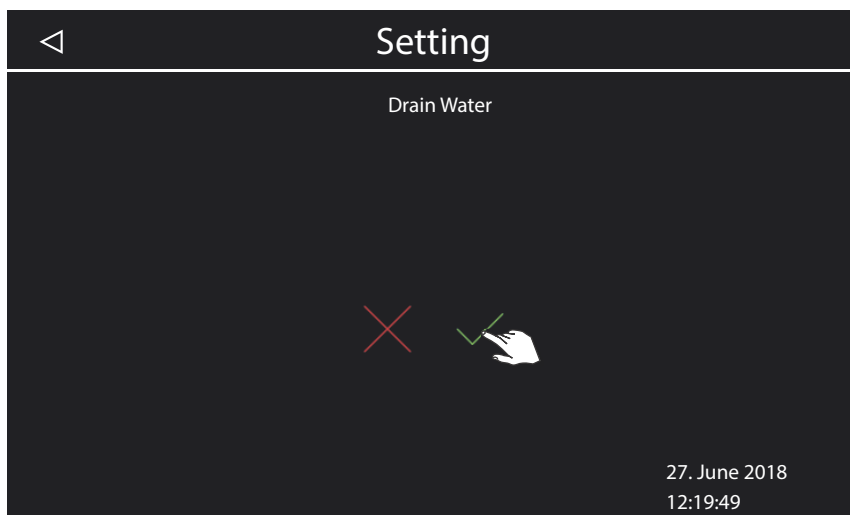
- ⓘ The value can be set to any number between 0 and 60 minutes. The interval is set to 30 minutes by the factory.
- ⓘ Verify that post-cycle has been assigned to a fan; see 5.1.7 Fan, [EN-80](#).

## 5.1.9 Draining water

The water must be drained when the unit is serviced if the vaporiser tank needs to be cleaned. Use this function to drain the water from the vaporiser tank.

### ► Emptying the vaporiser tank

- 1 Open the service settings.  
① See 5.1.1 Opening service settings, [EN-74](#)
- 2 Tap  and confirm the selection.
- 3 Start draining the water by pressing .



- ① Draining is ended automatically.

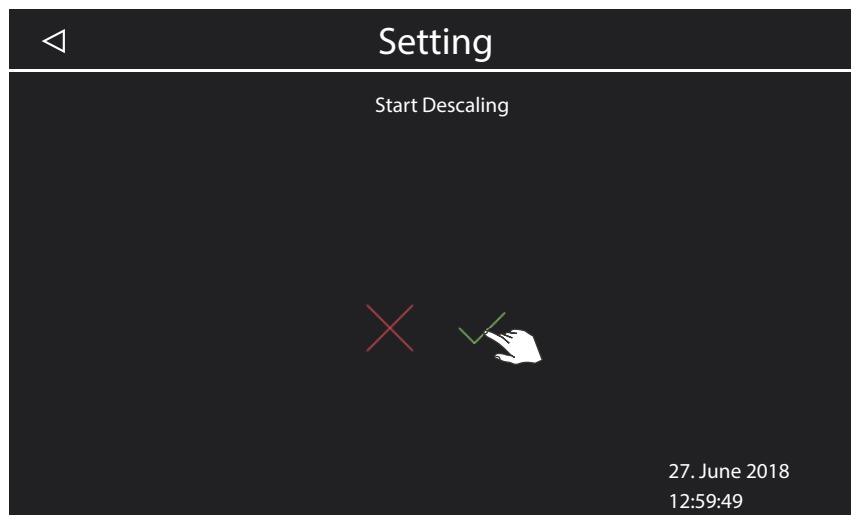
## Service settings

### 5.1.10 Descaling

You can start descaling manually outside of the regular cycle.

#### ► Starting descaling manually

- 1 Open the service settings.  
① See 5.1.1 Opening service settings, [EN-74](#)
- 2 Tap  and confirm the selection.
- 3 Start descaling by pressing .



- ① The status bar displays an icon  to indicate that descaling is in progress.

## 5.1.11 Essence dosing

The following settings are available:

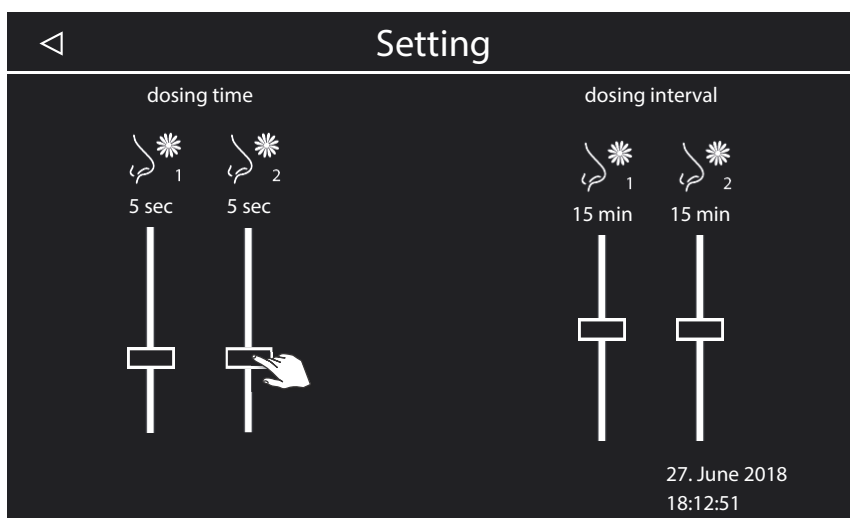
Dosing duration Operating time of dosing pump for each dose: 1 to 30 seconds.

Dosing interval Essence supply interval, 1 to 30 minutes.

Essence supply can be manually switched off on the cabin image, see 4.4.2 Setting essence supply, [EN-30](#).

### ► Setting the dosing and interval

- 1 Open the service settings.
  - ① See 5.1.1 Opening service settings, [EN-74](#)
- 2 Tap  and confirm the selection.
- 3 Slide the dosing duration slider to the desired value.



- ① The dosing duration for both dosing pumps can be set to different values.
- 4 Slide the dosing duration slide to the desired value.
    - ① The dosing interval for both dosing pumps can be set to different values.

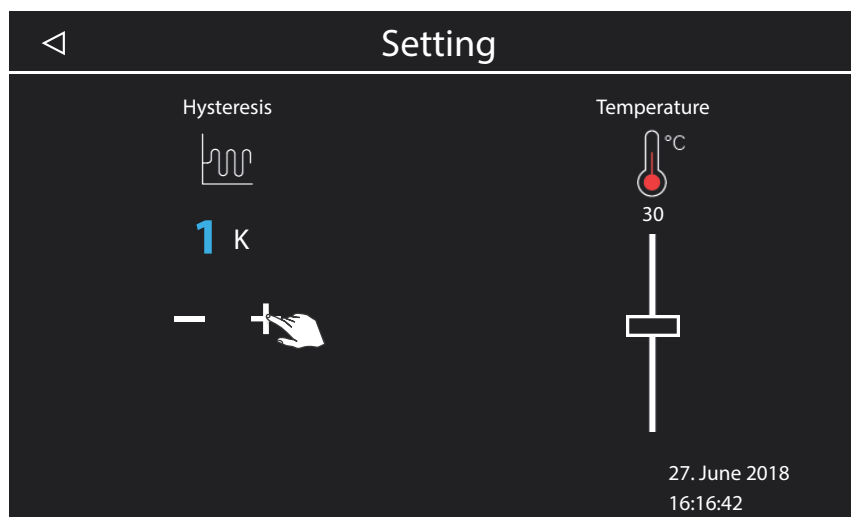
### 5.1.12 Bench heating

The sensors for bench heating are required for this function. They can be purchased separately.

You can set the switching hysteresis to a value between 1–5 K and the temperature to a value between 20–40°C for (optional) bench heating.

#### ► Adjusting the temperature and hysteresis

- 1 Open the service settings.  
 ⓘ See 5.1.1 Opening service settings,  EN-74
- 2 Tap  and confirm the selection.
- 3 Tap  and  to set the hysteresis value.



- 4 Slide the temperature slider to the desired value.



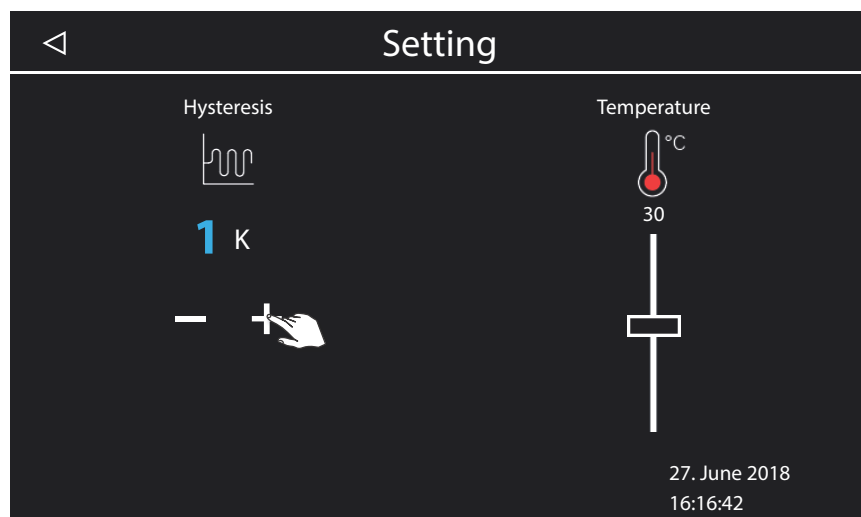
## 5.1.13 Floor heating

The sensors for floor heating are required for this function. They can be purchased separately.

You can set a switching hysteresis to a value between 1–5 K and the temperature to a value between 20–40°C for (optional) floor heating.

### ► Adjusting the temperature and hysteresis

- 1 Open the service settings.  
① See 5.1.1 Opening service settings, [EN-74](#)
- 2 Tap  and confirm the selection.
- 3 Tap  and  to set the hysteresis value.



- 4 Slide the temperature slider to the desired value.

## Service settings

### 5.1.14 ECO runtime

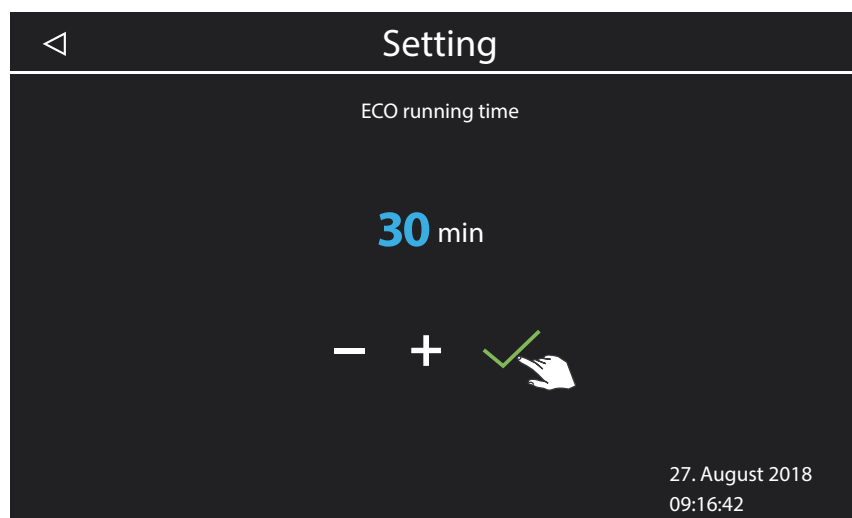
Use this function to define the run time in which steam production is reduced so that the cabin temperature is maintained at 30°C. The setting is useful if there are intermissions in operation to prevent the cabin from cooling down completely.

The window of time can be set to a value between 0 and 240 minutes in 30 minute-increments.

The ECO runtime is switched on via the control panel or via a push button that is available as an option. It is automatically switched off after the defined duration or ended by pressing the push button.

#### ► Setting the ECO function runtime

- 1 Open the service settings.  
① See 5.1.1 Opening service settings, [EN-74](#)
- 2 Tap  and confirm the selection.
- 3 Set the value with  and , and then confirm by pressing .



- ① A value between 0 and 240 minutes can be selected in 30 minute-increments. The ECO function starts if ECO mode is activated in the main menu or by pressing the push button that is available as an option.

See 4.5 Switching ECO mode on/off, [EN-37](#)

- ① If the setting is 0 minutes, you must manually switch the ECO runtime on or off in the main menu or by pressing a button.

### 5.1.15 HOME function

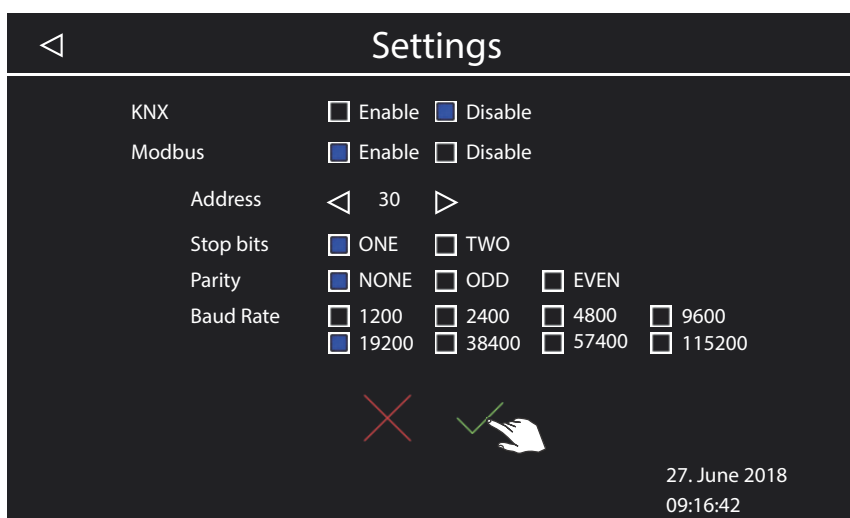
You can control some functions for the steam room and/or sauna cabin with an external building management system. To do this, you must connect module SBM GLT KNX or SBM GLT MOD. The module must be configured to the type of building management system in use.

The following functions are supported:

- Switch cabin on/off
- Switch light on/off or dim
- Set target temperature
- Switch potential-free contact on/off
- Display the actual temperature
- Switch between Bio and Finnish mode (Bio sauna only)
- Display actual humidity (Bio sauna only)
- Set target humidity (Bio sauna only)

#### ► Making communication settings for the building management system

- 1 Open the service settings.
  - ① See 5.1.1 Opening service settings,  EN-74
- 2 Tap  and confirm the selection.
- 3 Select KNX or Modbus as the transfer type by pressing .



- ① You are not required to set any additional values if you select KNX as the transfer protocol. Follow the steps below for the Modbus protocol.
- ① Applicable settings for the Modbus protocol can be found in the documentation for the application in use.

## Service settings

- 4 Set the address by pressing  and .
- 5 Set the values by choosing .
- 6 Confirm the set values by choosing .

## 5.2 Updating firmware

To update firmware you need an empty, pre-formatted memory card with a type A plug.

Ensure that power is not interrupted during the update.

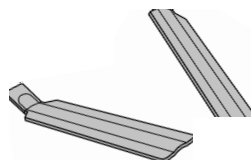
### NOTICE

#### Equipment damage due to a faulty update

The device can become unusable if the update is interrupted.

- ▶ Ensure that the power supply is not interrupted during the update process.
- ▶ The update must be performed by trained personnel only.

To update firmware you must dismantle the display. Use removal tools or a flat-head screwdriver to dismantle the display.



### NOTICE

#### Damage to the unit due to improper dismantling

The display glass can become scratched or break.

- ▶ Do not tilt the control panel when dismantling.
- ▶ Apply a consistent amount of pressure to the removal tool or screwdriver when using it.
- ▶ Do not scratch the display glass with the tools.

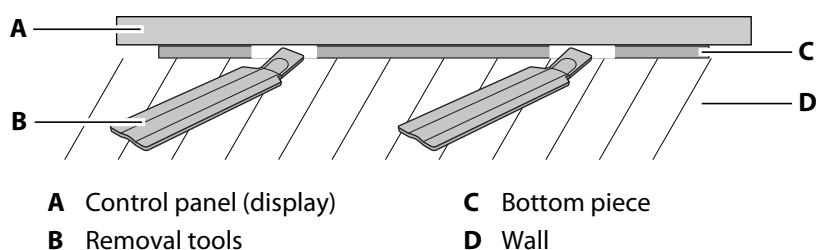
- ▶ Preparing the update,  EN-91
- ▶ Dismantling the control panel,  EN-91
- ▶ Installing the update,  EN-92
- ▶ Rebooting after a malfunction when updating,  EN-94

## ► Preparing the update

- 1 Download the most recent firmware from the EOS website.  
① [eos-sauna.com/service-support/software](http://eos-sauna.com/service-support/software)
- 2 Unzip the ZIP file and transfer it to the memory card.

## ► Dismantling the control panel

- 1 **NOTICE** Do not lay removal tools directly on the glass.  
Insert the two removal tools in the slot at the base of the control panel between the display and the bottom piece.

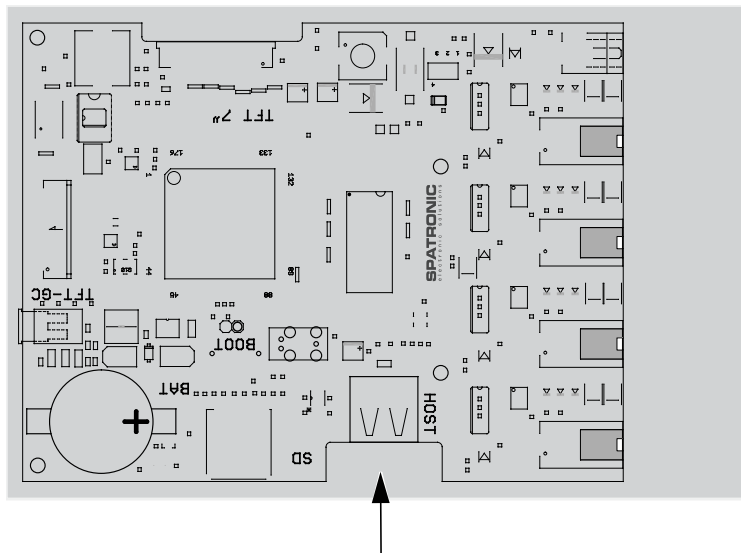


- 2 **NOTICE** Apply the same amount of pressure to both removal tools at the same time so that the glass does not tilt or become damaged.  
Press the removal tools evenly against the wall until the display comes loose from the bottom piece.
- 3 Remove the control panel with a consistent amount of force from the bottom piece.
- 4 Turn the control panel sideways until the circuit board is easy to access.

## Service settings

### ► Installing the update

- 1 Plug in the memory card.



- 2 Open the service settings.

① See 5.1.1 Opening service settings, EN-74



**3** Enter code **543210**.

**4** Select the component that requires updating.



**a)** Panel (control panel)

**b)** Relay box for the current cabin

**c)** Add-on module

① Updates to the connected add-on module are displayed by the corresponding icon.

**5** Tap Select to start the sub-menu.

☒ The process is started and the progress of the update is shown on the display. The update can last a few minutes. Afterwards the control unit restarts.

① Error message: The required data were not found. Check the data on the memory card and repeat the update. Download the data again as needed.

① Power interruption: The update process resumes once the power supply is restored. If an error message is displayed, press the reset button on the circuit board. The control unit is reset and starts again. Repeat the update.

① If the malfunction is not resolved, reset the settings completely by rebooting; see ► Rebooting after a malfunction when updating,  EN-94.

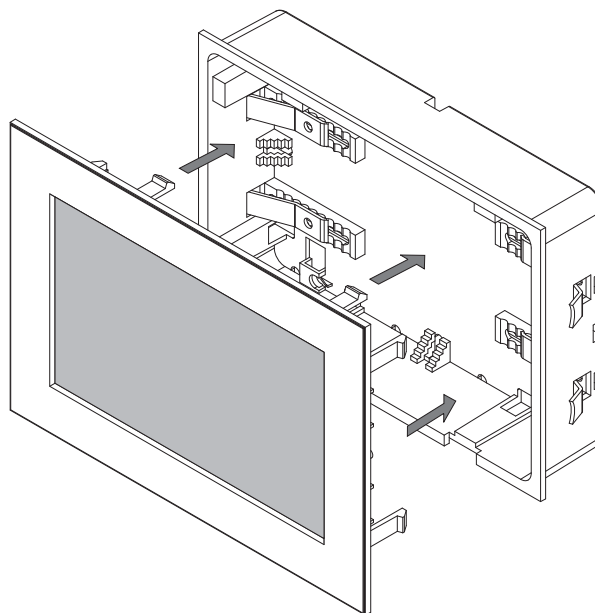
**6** Remove the memory card after the update.

**7** Place the control panel directly in front of the bottom piece.

① Ensure that it is aligned properly. Socket 1 must face downward.



## Service settings

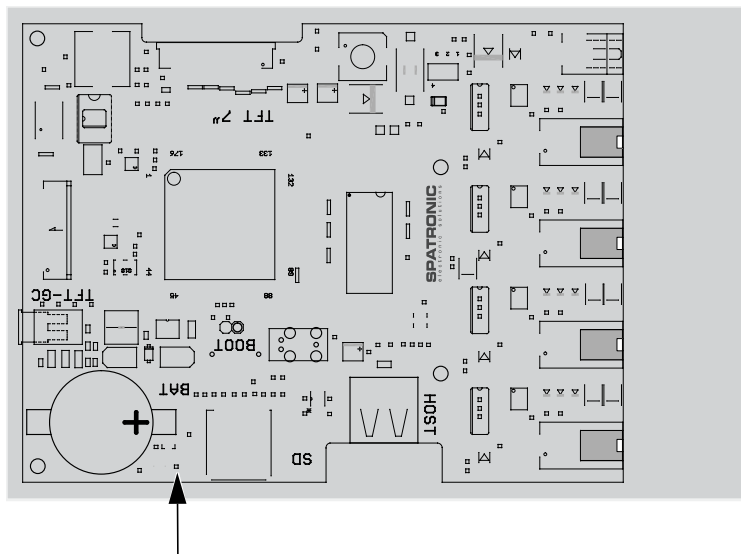


① Position the connecting cables in the back piece in such a way that they are not pinched.

8 Press the display carefully with a consistent amount of pressure into the housing until it audibly snaps into place.

### ► Rebooting after a malfunction when updating

1 Press the Reset button.



① The control panel restarts.

2 Repeat the update.

# 6

## Cleaning and servicing

The SteamRock II Premium steam generator must be serviced and cleaned regularly. The frequency depends on how often it is used.

The integrated cleaning and descaling system increases the service life of the steam generator. However, the required frequency of descaling and maintenance intervals depend on use and water quality. An upstream water softening system does not replace regular descaling.

Service tasks for the vaporiser tank are described in detail in the installation instructions.

### 6.1 Refilling descaler and essence

Refill the respective containers when the control panel indicates that descaler and/or essence is empty.

Material:

- Descaler: Container with white hose
- Essence: Container with red hoses (can be purchased as an accessory)

#### **CAUTION**

#### **Risk of poisoning from steam**

Descaler can react with other chemicals, which can create poisonous steam.

- ▶ Place the container for descaler only under the steam generator and secure it so it does not tip.
- ▶ Ensure that the container with descaler cannot be mistaken for the container with essence.
- ▶ When refilling a container, ensure that descaler is not poured into the container for essence.
- ▶ Never place containers with descaler close to other chemicals.
- ▶ Never place other chemicals close to the container of descaler.

## Cleaning and servicing

### **⚠ CAUTION**

#### **Risk of chemical burns**

The descaler contains acidic solution, which can burn eyes and skin.

- ▶ Wear suitable eyes and skin protection when refilling the container.
- ▶ Avoid contact with contaminated clothing.
- ▶ Observe the instructions on the safety data sheet of the descaler.
- ▶ Observe the manufacturer's specifications concerning dilution (dosing).

## **6.2 Descaling**

For regular descaling, a fixed interval of 5 hours of pure heating time is set. The switching hysteresis repeatedly switches off the steam generator for short intervals under real conditions. Therefore, 5 hours of pure heating time corresponds to approx. 8–10 hours of effective time. That is why when operated commercially, descaling must typically occur once a day.

### **NOTICE**

#### **Damage to the unit due to improper descaling**

The heating elements could be damaged if the steam generator is not descaled on a regular basis.

A water softening system does not replace regular, automatic descaling.

Damages to the unit due to improper descaling are not covered by the warranty.

- ▶ Use descaler suitable for water kettles and observe the manufacturer's dosage instructions. EOS-Saunatechnik recommends its own descaler, EOS SteamCleaner.
- ▶ Descale the steam generator regularly.

The display indicates when scaling is due, whereby the unit runs as usual until operation is switched off manually. After this, the steam generator cools down for approx. 45 minutes and then automatically starts the descaling process. After 24 hours of uninterrupted operation, the unit switches itself off and starts the descaling process.

The descaling process lasts approx. 45 minutes. Approx. 400 ml of descaler is needed for each descaling process.

After the unit switches off, the intermission period prior to descaling can be used to, e.g. clean and check the cabin. The descaling process is not

noticeable in the cabin, nevertheless, no persons should remain in the cabin while descaling is in progress.

If needed, additional descaling can be started manually. This function can also be used to check if the descaling process has been completed properly, e.g. if the dosing pump for the descaler is functioning, if the tank is filled correctly, and if the rinse cycle is run and the tank is then clean.

See ► Starting descaling manually,  EN-84.

If regular descaling is insufficient, a water softening system should be connected, which softens the water prior to tank filling.

## 6.3 Regular maintenance



### **WARNING**

#### **Danger to life and limb**

Electrical currents pose a danger to life and limb.

- The electrical installation of electrical systems or equipment with a fixed mains connection may be performed only by a trained electrician from an authorised electrical company.
- Observe the stipulations in VDE 0100 part 701.
- The housing cover of the steam generator must only be removed by a specialist.
- The system must be disconnected and removed entirely from the mains supply before commencing installation and repair work.

### **CAUTION**

#### **Risk of scalding**

The drain outlet and escaping water can be very hot.

- Begin service work only once the steam generator has been switched off and is cool.
- Allow the vaporiser tank and pipelines to cool for approx. 30–45 minutes.
- Wear safety goggles/protective clothing (gloves).

## Cleaning and servicing

### Servicing

- Check and clean all pipes as needed
- Check and clean the drain as needed
- Check and replace the pump hose for the descaling pump and essence pump as needed
- Visual inspection: Lime scale in the vaporiser tank  
Refer to the installation instructions.
- Check the rod electrode and clean manually, if needed.
- Check and clean the drain valve  
Refer to the installation instructions.
- Open the vaporiser tank and check the internal surfaces for lime scale. Clean as needed. Check the water quality if there is an increased amount of visible lime scale. Install an upstream water softening system as needed. Ensure that the unit has a supply of soft water.  
Refer to the installation instructions.
- Check the washer for the cover of the vaporiser tank. Replace old, hardened, or damaged seals.

### Recommended service intervals

| Use            | Interval                                                                                    |
|----------------|---------------------------------------------------------------------------------------------|
| Private use    | At least once per year                                                                      |
| Commercial use | At least twice per year More often, depending on how often it is used and the water quality |

### 6.4 Resetting the safety temperature limiter

The safety temperature limiter switches off the heater if the vaporiser tank overheats. To restart the heater, you must press the Reset button.

#### **CAUTION**

##### **Risk of burns from hot parts**

The steam pipe on the base plate is very hot.

- ▶ Do not touch the steam pipe.
  - ▶ Allow the steam generator to cool for approx. 30 minutes.
  - ▶ Wear protective clothing (gloves).
- 

#### **NOTICE**

##### **Damage to the safety temperature limiter**

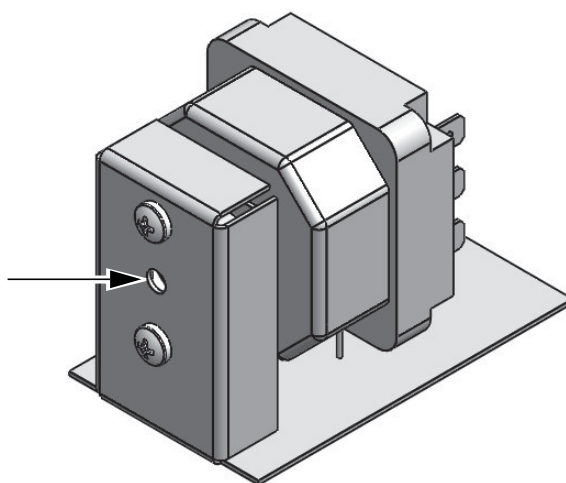
The safety temperature limiter can become damaged if you press the Reset button without troubleshooting the cause of overheating. Pressing the Reset button without troubleshooting the cause can damage the safety temperature limiter and can lead to overheating and indirect damages to the steam generator.

- ▶ Troubleshooting and Reset/operation of the safety temperature limiter must be performed only by qualified personnel.
  - ▶ Rectify the reason for overheating.
  - ▶ Allow the steam generator to cool for approx. 30 minutes.
  - ▶ The Reset button should be operated only by qualified personnel.
-

## Cleaning and servicing

### ► Starting the reset

- 1 Rectify the reason for overheating.  
❗ To troubleshoot, see 6.5 Troubleshooting, [EN-101](#).
- 2 Open the housing; see the installation instructions.
- 3 Use a suitable tool to lightly press the Reset button on the safety temperature limiter.



 Reset button

- ❗ If pressing lightly is insufficient, wait until the unit has cooled down further.
- 4 Close the housing; see the installation instructions.
- 5 Restart the unit.  
❗ See 4.4.1 Switching steam generation on/off, [EN-28](#)

## 6.5 Troubleshooting

Error messages and icons on the control panel indicate SteamRock II Premium steam generator operating statuses and fault conditions. In multi-cabin installations, the fault is displayed in the status bar by the  icon. The cabin overview allows you to find and retrieve the cabin with the fault so you can access further details.

| Error                                           | Reason                                                                                                                                       | Solution                                                                                                                                                                                                                                                                                 |
|-------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Safety temperature limiter triggered repeatedly | Water level too low. Capillary tube sensor is not correctly affixed. Water supply blocked or pressure is too low.                            | Check that the capillary tube sensor is positioned correctly. Inspect water tank for lime scale and clean if necessary. Check the water supply line. Clean the water filling valve and check the water pressure.                                                                         |
|                                                 | Water foaming due to contamination by oils, plasticisers and similar substances. Incorrect water level detection which leads to overheating. | Check the water supply for possible contamination e.g. from plasticisers in PVC hoses and pipes. Check the essence dosing injection connection and ensure that residues of essences do not get into the water tank. Clean the water tank thoroughly as needed. Remove oils with alcohol. |
| Steam outlet spits hot water. Risk of scalding! | Formation of foam                                                                                                                            | Check the water for contamination from foam-forming substances.                                                                                                                                                                                                                          |
|                                                 | Steam pipe installed incorrectly, steam pipe blocked by condensed water.                                                                     | Make sure the steam pipe is positioned in such a way that it is not blocked by condensed water. If necessary, install a siphon.                                                                                                                                                          |
|                                                 | Water level probe fault.                                                                                                                     | Check the water level probe. Clean as needed. Check for malfunctions. Replace the water level probe if necessary.                                                                                                                                                                        |
| Malfunction when draining the water tank.       | The water tank's drain is blocked due to lime scale deposits.                                                                                | Open the water tank and clean the drain. Clean the drain valve. Alternately, remove the actuator from the drain valve, open the valve manually, clean the drain pipe, close the valve and remount the actuator.                                                                          |
|                                                 | Drain is incorrectly mounted. Diameter is too small. Kinks.                                                                                  | The drain pipe must have a diameter of at least 40 mm and may not have any sharp angles or kinks. Risk of blockage!                                                                                                                                                                      |
|                                                 | Defective actuator and/or drain valve (malfunction).                                                                                         | Contact EOS customer service.                                                                                                                                                                                                                                                            |
| Water filling fault                             | Water supply blocked.                                                                                                                        | Check water supply. Clean the filter at the water supply connector if necessary.                                                                                                                                                                                                         |
|                                                 | Water inlet valve blocked or clogged.                                                                                                        | Clean the valve and make sure it is operational. Replace the valve if necessary.                                                                                                                                                                                                         |



## Cleaning and servicing

| Error                                               | Reason                                                                  | Solution                                                                                                                                                                                                                               |
|-----------------------------------------------------|-------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Steam generator does not produce steam (no heating) | Safety temperature limiter triggered.                                   | Safety temperature limiter may have been triggered by overheating in the water tank. Rectify the reason for overheating.<br><b>Caution:</b> Allow the steam generator to cool at least 30 min. prior to reset. Press the Reset button. |
| Essence is empty                                    | Essence level too low in the essence canister.                          | Refill essence.                                                                                                                                                                                                                        |
| No descaler<br>(Display error message)              | Insufficient descaler. Connection to the fill level sensor interrupted. | Refill descaler. Check the fill level sensor for a faulty connection and ensure proper connection. Restart the control unit.                                                                                                           |
| Overheating<br>(Display error message)              | Overheating in the water tank                                           | Rectify the reason for overheating.<br><b>Caution:</b> Allow the steam generator to cool at least 30 min. prior to resetting the safety temperature limiter. Press the Reset button.                                                   |

# 7

## General terms and conditions of service

(T&C, Dated 008-2018)

### I. Scope

Unless otherwise agreed in writing for specific instances, these terms and conditions of service shall apply to service operations, including reviewing and remedying complaints. All our existing or future legal relationships shall be governed solely by the following terms and conditions of service. We do not recognise any of the customer's conflicting terms and conditions unless we have given our express written consent to their applicability.

We hereby expressly object to any of the customer's terms and conditions included in the customer's General Terms and Conditions of Business or order confirmation. Unconditional acceptance of order acknowledgments or deliveries shall not be construed as any form of acknowledgment of such terms and conditions. Ancillary agreements or amendments must be confirmed in writing.

### II. Costs

The customer shall bear the following costs in connection with services rendered:

- Mounting/dismantling and electrical (de-)installation
- Transportation, postage and packaging
- Function testing and troubleshooting, including inspection and repair costs

There shall be no third-party billing.

### III. Performance and cooperation obligations

The customer shall provide assistance free of charge to the manufacturer in rendering services.

In the case of a warranty claim, the manufacturer shall provide replacement parts necessary for servicing free of charge.

## General terms and conditions of service

### IV. Service visit by the manufacturer

Services rendered on site by an employee of the manufacturer must be agreed in advance.

If the main reason for the service visit is not the fault of the manufacturer, any costs incurred shall be charged to the customer after the service visit and must be paid by the customer in full within the agreed payment term.

### V. Liability

The manufacturer shall assume liability in accordance with the currently applicable statutory regulations. All our products are packaged in such a way that the individually packed goods (pallets) can be shipped.

We wish to point out that our packaging is not suitable for individual shipments via parcel post. The manufacturer shall accept no liability for damages incurred as a result of improper packaging in an individual shipment.

### VI. Manufacturer's warranty

The manufacturer's warranty shall apply only if installation, operation and maintenance have been carried out in full accordance with the manufacturer's specifications in the installation and operating instructions.

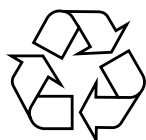
- The warranty period shall commence from the date on which proof of purchase is provided and shall be limited, in all cases, to 24 months.
- Warranty services shall be performed only if proof of purchase of the equipment can be presented.
- Any and all warranty claims shall become void if modifications are made to the equipment without the manufacturer's express consent.
- Any warranty claim shall likewise become void in the case of defects that arise due to repairs or interventions made by unauthorised persons or due to improper use.
- In the case of warranty claims, the serial and article numbers must be provided, together with the unit designation and a meaningful description of the error.
- This warranty shall cover defective equipment parts, with the exception of normal wear parts. Wear parts shall include, for example, light sources, glass elements, tubular heating elements and sauna heater stones.
- Only original replacement parts may be used within the warranty period.
- Service visits made by third parties shall require a written order issued by our service department.
- The equipment in question shall be sent to our service department by the customer at the customer's own expense.
- Electrical assembly and installation work, including service visits and parts replacements, shall be carried out at the customer's expense; costs shall not be borne by the manufacturer.

Complaints in respect of our products shall be reported to the responsible distributor and shall be handled exclusively by said distributor. The manufacturer's General Terms and Conditions of Business, in the version available at [www.eos-sauna.com/agb](http://www.eos-sauna.com/agb), shall apply in addition to the foregoing terms and conditions of service.

# Disposal

## 8

### Disposal



Electrical devices that are no longer needed must be recycled at a recycling station as per EU guideline 2012/19/EU or as per the Electrical and Electronic Equipment Act (ElektroG). Observe local provisions, laws, regulations, standards and directives when disposing of the unit.



Do not dispose of the unit with household waste.

### Packaging

The packaging of the EmoTouch 3 can be completely separated for disposal and recycled. The following materials are used in the packaging:

- Used paper
- Plastic foil and protective film

### Electronic waste

Electronic waste must be disposed of at the designated local collection point for electronic waste.



**Service address**

EOS Saunatechnik GmbH

Schneiderstriesch 1

35759 Driedorf, Germany

Tel. +49 2775 82-514

Fax +49 2775 82-431

Email [servicecenter@eos-sauna.com](mailto:servicecenter@eos-sauna.com)

Web [www.eos-sauna.com](http://www.eos-sauna.com)

Store this address with the Operating Instructions in a safe place.  
Please always provide us with nameplate data, such as model, item number and serial number so we can provide fast and efficient support.

**Date of sale**

**Stamp/retailer signature:**