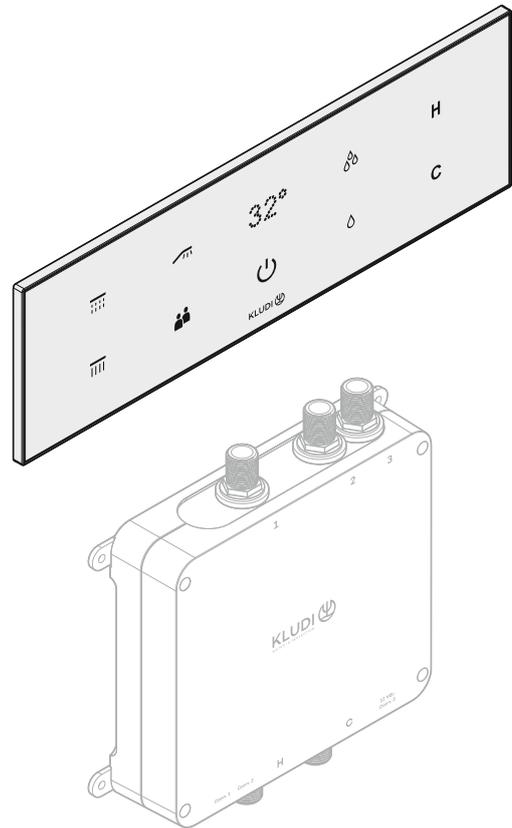


- Ⓓ Montage- und Bedienanleitung
- ⒸⓃ 安裝及操作指南
- ⒸⓏ Návod k instalaci a k použití
- Ⓔ Instrucciones de montaje y de manejo
- Ⓕ Instructions de montage et mode d'emploi
- ⒼⒷ Installation and operating instructions**
- ⒼⓇ ΟΔΗΓΙΕΣ ΕΓΚΑΤΑΣΤΑΣΗΣ ΚΑΙ ΣΥΝΤΗΡΗΣΗΣ
- Ⓕ Szerelési és használati utasítás
- Ⓘ Istruzioni di montaggio e per l'uso
- ⒸⓃⓁ Montagehandleiding en Gebruiksaanwijzing
- ⒸⓅ Instrukcja montażu i obsługi
- ⒼⓇⓁ Instrucțiuni de montaj și utilizare
- ⒼⓇⓈ Руководство по монтажу и эксплуатации
- ⒸⓀ Návod na montáž a obsluhu



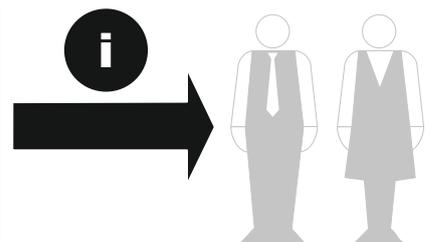
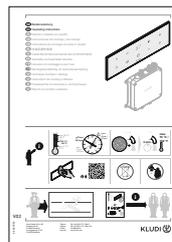
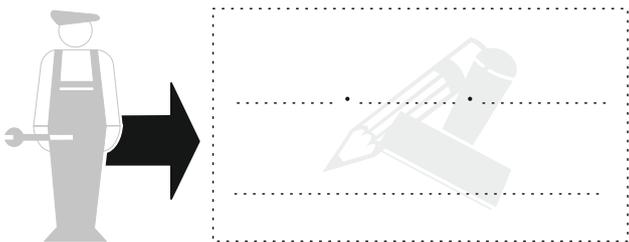
- Ⓓ Weitere Sprachen finden Sie hier.
- ⒸⓃ 您可以在這裡找到其他語言。
- ⒸⓏ Další jazyky najdete zde.
- Ⓔ Puedes encontrar otros idiomas aquí.
- Ⓕ Vous pouvez trouver d'autres langues ici.
- ⒼⒷ You can find other languages here.**
- ⒼⓇ Μπορείτε να βρείτε άλλες γλώσσες εδώ.
- Ⓕ Itt találhat más nyelveket is.
- Ⓘ Puoi trovare altre lingue qui.
- ⒸⓃⓁ Andere talen vindt u hier.
- ⒸⓅ Inne języki znajdziesz tutaj.
- ⒼⓇⓁ Pute și găsiți alte limbi aici.
- ⒼⓇⓈ Здесь вы можете найти другие языки.
- ⒸⓀ Ďalšie jazyky nájdete tu.





<p>°C / °F -max. 65 °C / 149 °F ✓ 60 °C / 140 °F -min. 5 °C / 41 °F</p>	<p>✓ 3 bar / 43,5 psi min. 1 bar / 14,5 psi max. 6 bar / 87 psi</p>	<p>3 min. max. 70 °C / 158 °F</p>
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TouchTronic

Table of contents

TouchTronic

4 - General information

Display and control elements
Further information

5 - Safety

Safety instructions
Emergency stop

6 - Initial start-up

Start-up

7 - Operation

Select and save users - Main user (quick start)

8 - Select and save users - Individual users (U1-U3)

9 - Pause mode

Consumer

10 - Warm-up

11 - Special functions

"Special functions" menu

12 - Assign outlets

13 - Summer mode (not for EU countries!)

14 - Maintenance - Anti-legionella flushing

Maintenance - Cleaning

15 - Key lock (e.g. for cleaning the display)

16 - Reset mixer

S-Flow

17 - APP coupling

Instructions for pairing the KLUDI device with
a smartphone

19 - General information

Navigation

Structure of the display and control elements
of the APP

21 - Main menu

Device selection

22 - User selection

23 - Warm-up

24 - Alarms

25 - Experiences

Child safe shower

26 - My sequence

27 - Bad fill mode

28 - Maintenance - Anti-legionella flushing

29 - Maintenance - Cleaning

30 - Device settings

31 - Statistics

32 - Settings

33 - Annex

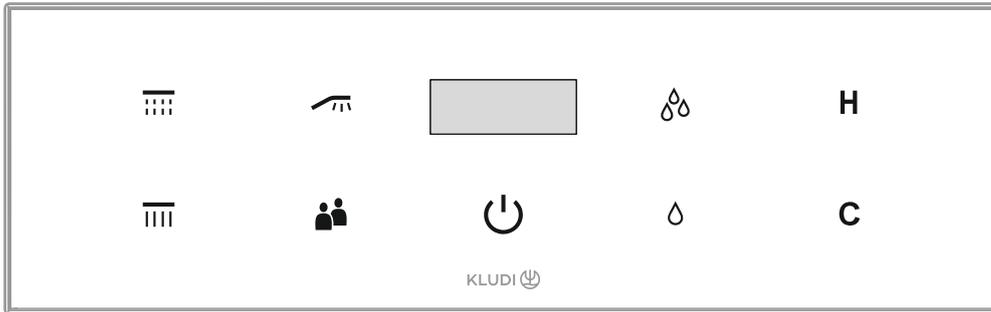
Problems

Alarm messages

TouchTronic

General information

Display and control elements



Display

 Display for flow rate, temperature, alarm messages and other information

Control elements

-  Select consumer 1
-  Select consumer 2
-  Select consumer 3
-  Select user / activate key lock
-  On / Off / Activate and end pause function
-  Reduce flow rate
-  Increase flow rate
-  Increase temperature / Call up **Special functions** menu
-  Reduce temperature / Cancel process

KLUDI has the right to change these and the following conditions at any time.

Safety instructions

The menu-guided control system (TouchTronic or APP) means that hazards are not always clear or immediately recognisable. Therefore proceed with caution and in accordance with the operating instructions. Children and physically, mentally or sensory impaired persons must be instructed or supervised.



DANGER due to misuse!

TouchTronic is not intended for operation by children or persons with limited abilities unless they are supervised or secured in accordance with the operating instructions.



DANGER OF BURNING due to hot surfaces!

Consumers controlled by the TouchTronic may have hot surfaces even after operation has ended.

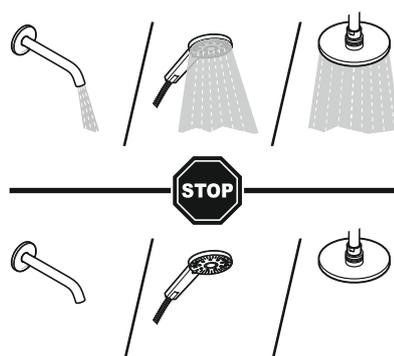
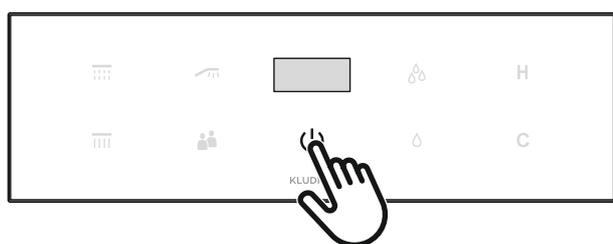


DANGER OF SCORCHING from hot water!

Consumers controlled by the TouchTronic can contain hot water even after the end of operation.

Emergency stop

In the event of danger, the water supply to all outlets can be stopped without delay by pressing .



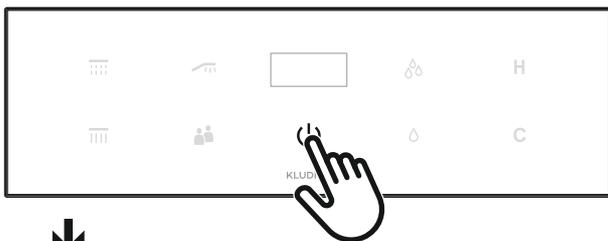
i If the power supply fails, the valves close automatically and stop the flow of water.

TouchTronic

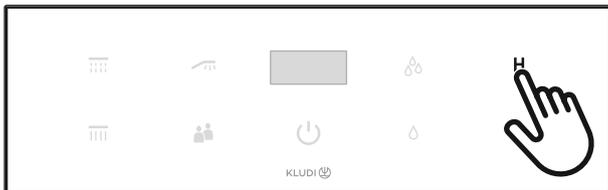
Initial start-up

Start-up

- ⚠ **Must be carried out before the first application (please speak to your installer). All intended consumers must be connected for this.**
- ⚠ **Caution! During this process, hot water flows through all consumers to flush and set up the pipes! There is a risk of scalding!**
- ⚠ **Caution! Pay attention to the alignment of the consumers, especially the hand shower, as otherwise water damage may occur.**

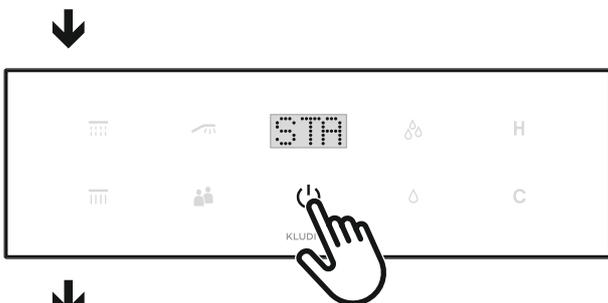


Tap on .



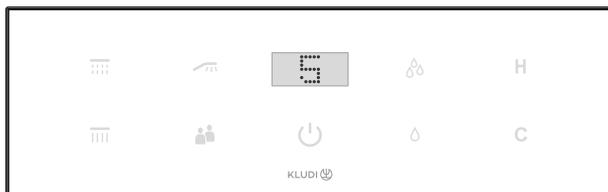
→ Main display

Press and hold **H** until "**STA**" appears in the display field.



→ You are now in the menu for "special functions".

Confirm the selection of "**STA**" with .



→ This is followed by a countdown of 5 seconds until the start-up begins.

The process takes approx. 5 minutes.

The display automatically switches to standby mode after the programme ends.

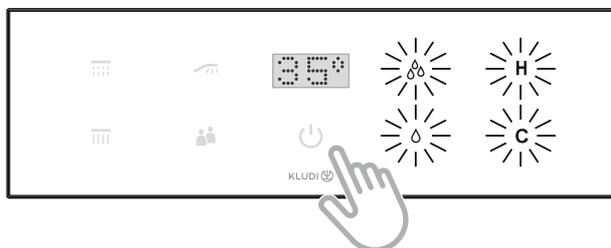
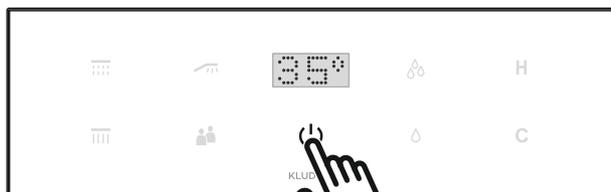
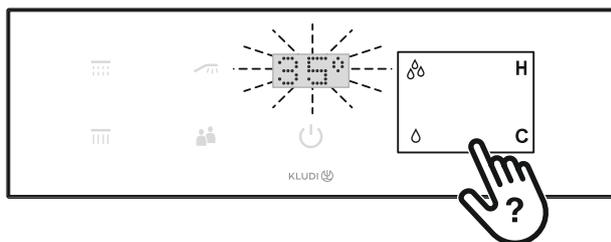
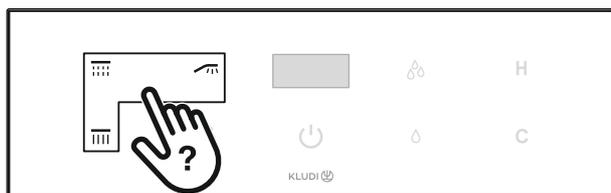
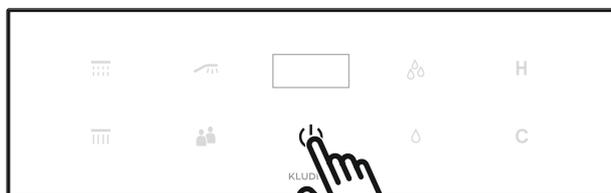
i This process allows the mixer to automatically recognise how many outlets are connected. Test whether the symbols correspond to the consumers (e.g. overhead shower, hand shower, etc.) by selecting the symbols of the 3 consumers one after the other in the main display.

If the symbols on the display do not match the actual consumers, continue with the chapter "Assign special functions → Outlets".

⚠ **If a consumer is replaced, a start-up must always be carried out.**

Select and save users

Main user (quick start)



➡ To access the main display, tap  .

➡ To start the showering process directly, select one of the three consumers.

➔ The temperature now flashes in the display panel until the preset temperature (factory setting: 35 °C) is reached.

➡ You can now set the temperature and flow rate to suit your requirements.

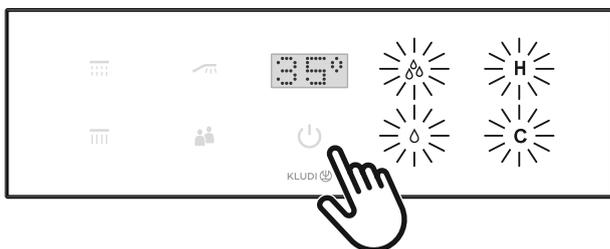
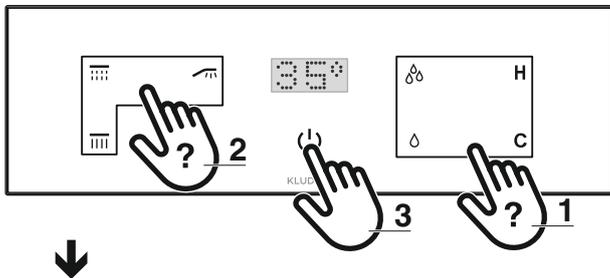
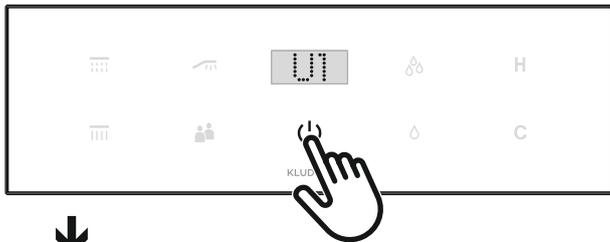
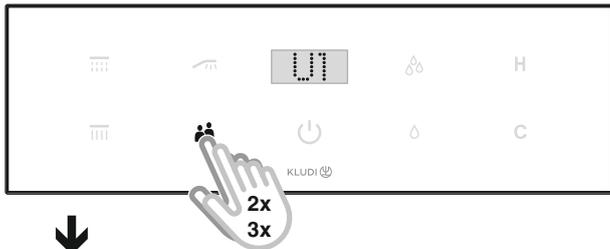
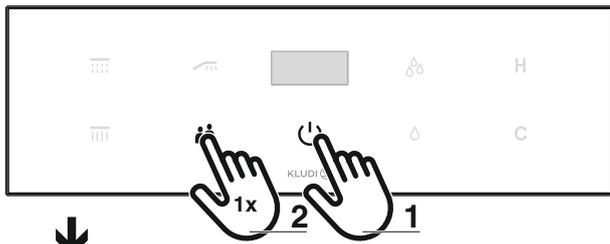
➡ You can save the settings you have made (temperature & flow rate) for the next quick start. Press and hold  until the four symbols for flow rate and temperature flash once.

i The next time you start the shower process, the process will start as programmed. The individual settings can also be easily adjusted in the S-FLOW APP (see chapter S-FLOW APP).

Up to two consumers can be controlled and programmed at same time. While showering, you can switch to pause mode via  (see chapter Pause mode).

TouchTronic Operation

Individual users (U1-U3)



👉 To access the main display, tap ⏻ .

👉 Tap on 👤 .

➔ **U1** (for user 1) now appears in the display field.

👉 Select your desired user (1-3) by tapping on 👤 again.

👉 Confirm this with ⏻ .

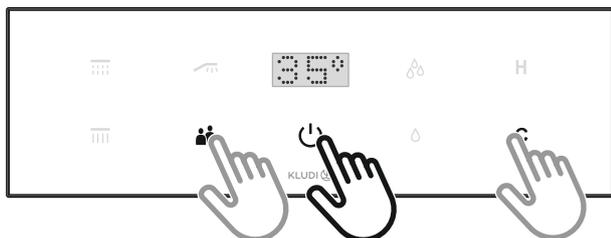
➔ When used for the first time (without any changes having been made), water always flows out of OUT 1 at a factory-set temperature of 35 °C.

👉 You can now set the temperature, flow rate and consumers according to your requirements. To save your individual shower settings, press ⏻ and hold until the four symbols for flow rate and temperature flash once.

❗ *The next time you select your user, the process will start as programmed. The individual settings can also be easily adjusted in the S-FLOW APP (see chapter S-FLOW APP).*

Up to two consumers can be controlled and programmed at same time. While showering, you can switch to pause mode via ⏻ (see chapter Pause mode).

Pause mode



During the shower process, you can switch to pause mode by tapping .

To continue with the shower process, tap  again.

From here you can also select your individual users by tapping on .

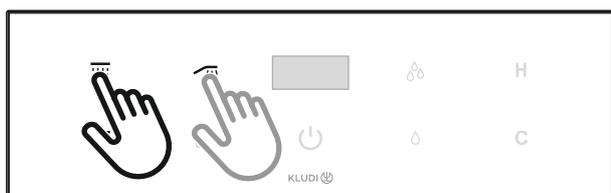
Tap **C** to return to the main display.

i If a shower process (warm-up, child safe shower, bath filling, etc.) is started via the S-FLOW APP, the display switches to pause mode after preparation and you can start the shower process via .

The preset shower time is 10 minutes. After this time, the mixer automatically switches to pause mode. After a further 3 minutes, the mixer switches to the main display. If the display is not operated for a further 30 seconds, the mixer switches to standby mode.

These preset times can be set individually for the user (1-3) (see chapter S-FLOW APP).

Consumer



Example:

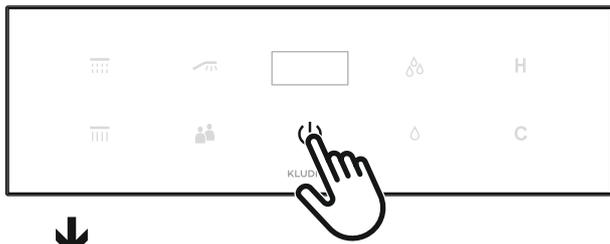
Up to two consumers can be controlled at same time.

To run a second consumer in parallel, press the desired symbol until the second consumer is switched on (approx. 3-4 seconds). To switch the consumer off again, briefly tap the symbol that you want to switch off.

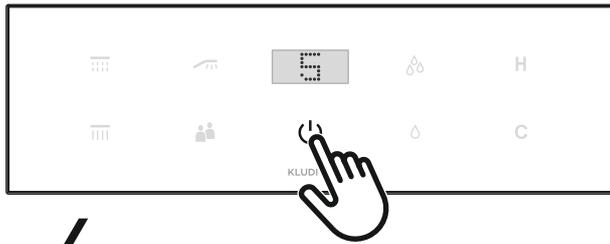
You can also store two consumers in your individual user profiles for the warm-up. This is also possible via the S-FLOW APP (see chapter S-FLOW APP).

TouchTronic Operation

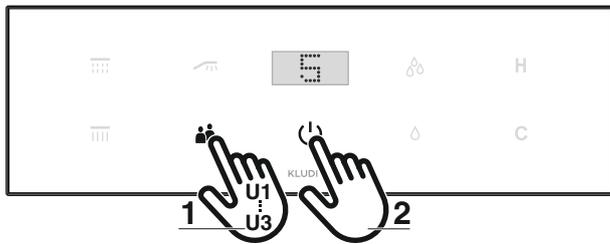
Warm-up



To access the main display, tap **U**.



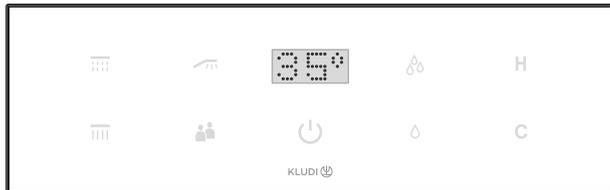
Main user:
Press and hold **U** until a countdown of 5 seconds appears.
You can cancel the process with **U** if necessary.



Individual user (U1-U3):
First select the user for which you want to start the warm-up via **U1-U3**.

Press and hold **U** until a countdown of 5 seconds appears.

You can cancel the process with **U** if necessary.



➔ All consumers are preheated to the desired temperature (factory setting: 35 °C). After completion, the display switches to pause mode.

To start the shower process, tap **U**. Tap **C** to return to the main display.

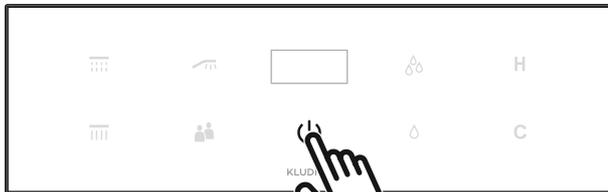
i The warm-up can also be started via the S-FLOW APP (see chapter S-FLOW APP).

TouchTronic

Special functions → call and navigation

"Special functions" menu

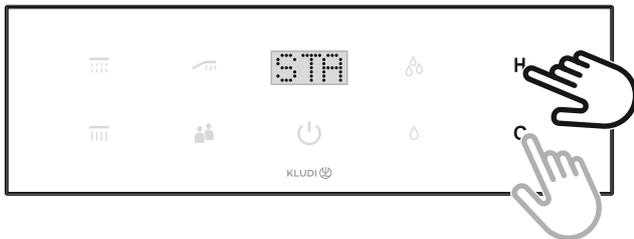
Access the "Special functions" menu



→ To access the main display, tap **U**.



→ Press and hold **H** until "**STA**" appears in the display field.



→ You are now in the menu for "special functions".

→ Tap **H** to access further programmes (see the following chapters).

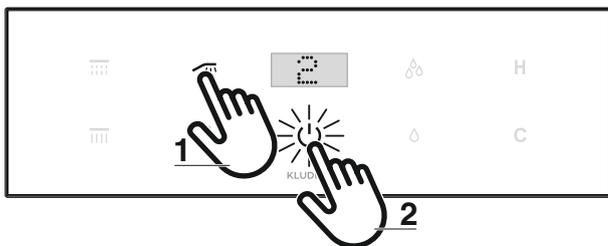
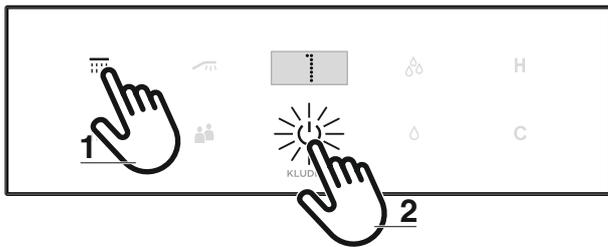
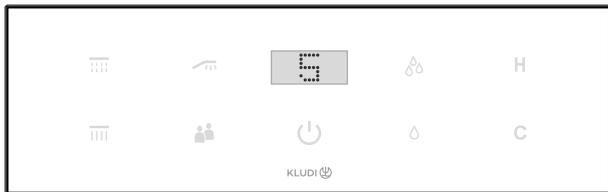
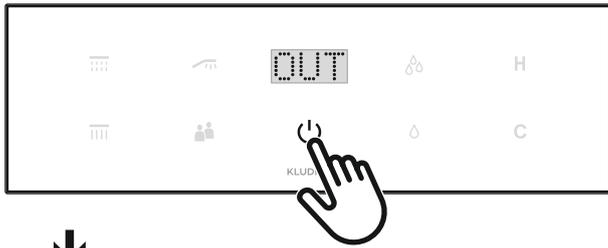
Tap **C** to return to the main display.

i Information on the "**STA**" (Start-Up) function can be found under "Initial start-up".

TouchTronic

Special functions → Assign outlets

Assign outlets



In the "Special functions" menu, select "OUT" for OUTLETS and confirm with .

→ A countdown of 5 seconds follows.

Example:

 After the countdown, display shows 1. Now select the correct symbol for your consumer by pressing and holding the corresponding symbol until  lights up continuously.

Now confirm the process with .

 If you have connected an additional consumer, the display will now show a 2. Select the appropriate symbol again and continue as described above.

The same procedure applies to a third consumer.

Finally, check whether all consumers are assigned to the correct symbols. Otherwise, repeat this process.

TouchTronic

Special functions → Summer mode

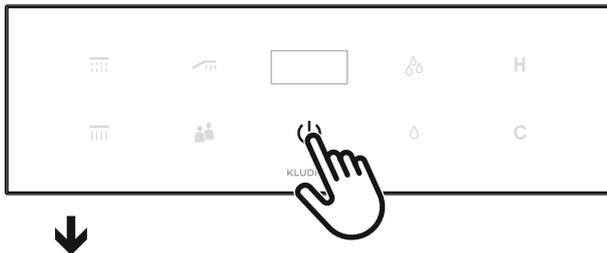
Summer mode (not for EU countries!)

Summer mode requires that the hot and cold water supplies have a similar or the same flow temperature. Only then should the summer mode be activated.

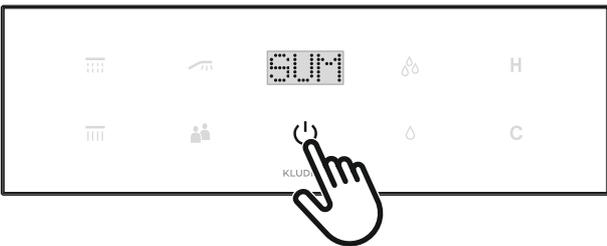
The water temperature cannot be adjusted in this mode. The water temperature is the temperature that flows out of the pipes.

Please contact customer service if you have any questions.

Activate summer mode



☞ To access the main display, tap ⏻.

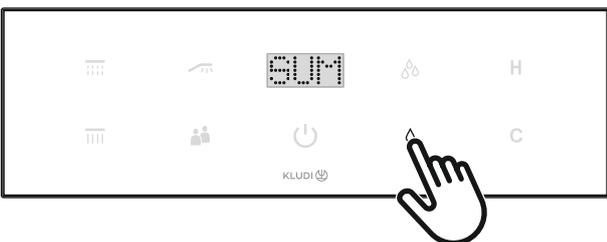


In the "special functions" menu, select **"SUM"** (for SUMMER) and confirm with ⏻.

A countdown of 5 seconds follows.

➔ Summer mode has now been activated.

Deactivate summer mode



☞ To deactivate summer mode, select **"SUM"** again in the "Special functions" menu and deactivate it by tapping the ⏻ symbol.

➔ **"OFF"** now appears in the display field. Summer mode is now deactivated.

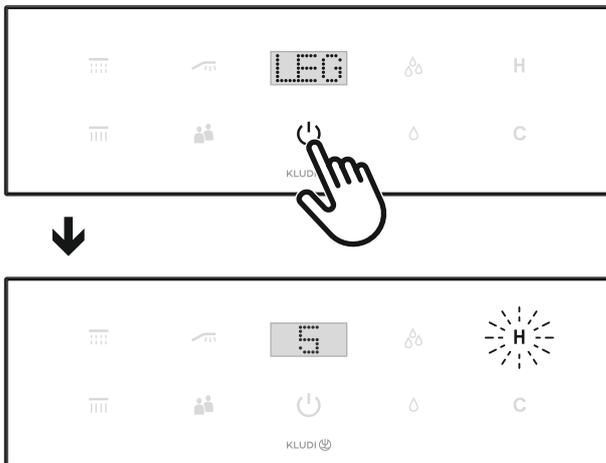
TouchTronic

Special functions → Disinfection and cleaning

⚠ Caution! During this process, hot water flows through all consumers one after the other to flush the pipes! There is a risk of scalding! When finished, rinse with cold water, otherwise there may still be hot residual water in the pipes.

⚠ Caution! Pay attention to the alignment of the consumers, especially the hand shower, as otherwise water damage may occur.

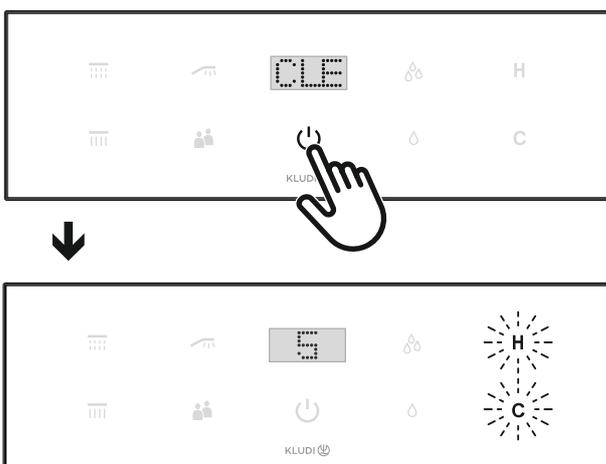
Maintenance - Anti-legionella flushing



☞ In the "Special functions" menu, select "**LEG**" for LEGIONELLA and confirm with ⏻.

➔ This is followed by a countdown of 5 seconds until the legionella programme starts. The **H** symbol flashes until the programme is finished after approx. 15 minutes. The display then switches to the main display. If you want to cancel the process beforehand, press ⏻.

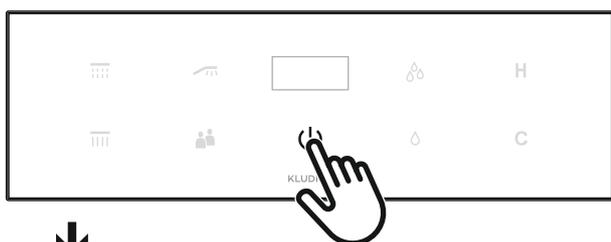
Maintenance - Cleaning



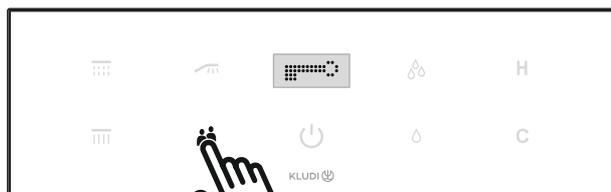
☞ In the "Special functions" menu, select "**CLE**" for CLEANING and confirm with ⏻.

➔ A countdown of 5 seconds follows until the cleaning programme starts. The **H** and **C** symbols flash until the programme is finished after approx. 1 minute. The display then switches to the main display. If you want to cancel the process beforehand, press ⏻.

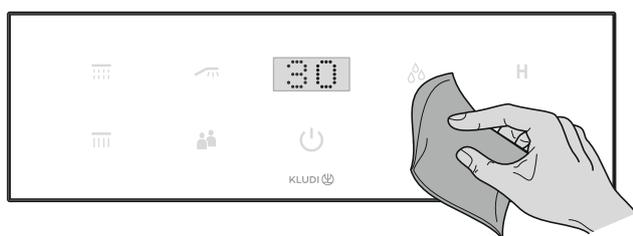
Key lock (e.g. for cleaning the display)



👉 To access the main display, tap .

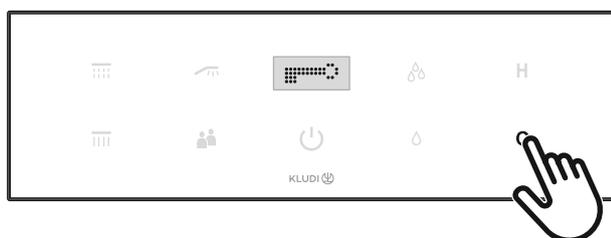


👉 In the main display, press  (user selection) until a key appears in the display field.



➔ A countdown of 30 seconds starts automatically after 5 seconds. During this time, the display is locked and can be cleaned.

When finished, the display automatically switches to the main display.

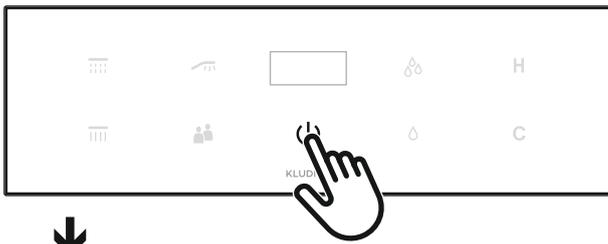


👉 The process can be cancelled via **C** while the key is displayed.

TouchTronic

Reset mixer

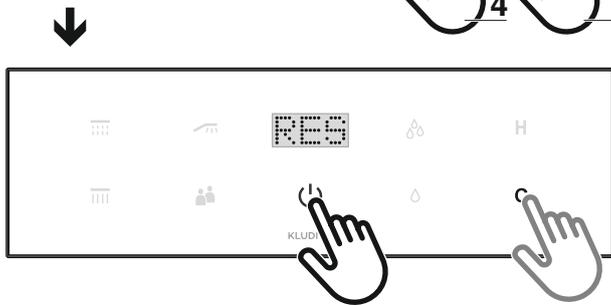
Reset mixer



☞ To access the main display, tap **⏻**.



☞ Press the symbols in the order shown in the illustration on the left to reset the mixer to the factory settings.



➔ "RES" (for RESET) appears in the display field.

☞ Confirm with **⏻** or cancel the process with **C**.

After the reset, all programmed settings are restored to the factory settings.

The stored users have been deleted.

After the reset, carry out a restart.

APP coupling

Instructions for pairing the KLUDI device with a smartphone

- 

Download the **S-FLOW APP** from Google Play or the APP Store.
- 

Connect your smartphone to your Wi-Fi network.
- 

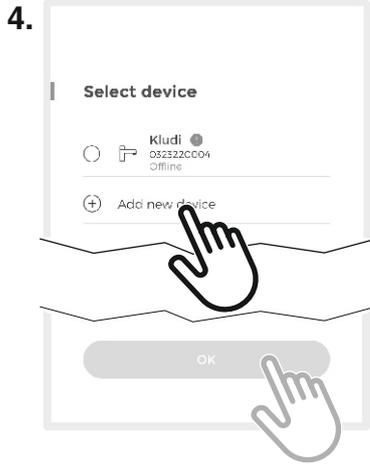
Open the **S-FLOW APP** and click on "Sign up" to create a new user and password.

If you already have an account, click on "Sign in" and enter your access data.

⚠ Caution! If you access a device with several users/smartphones, the same account must always be used.

S-FLOW

APP coupling

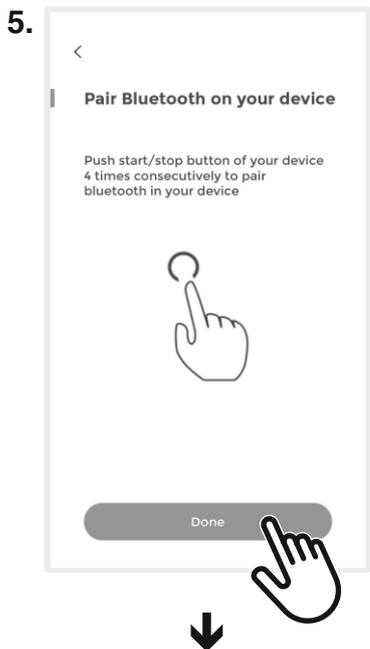


Click on "**Add new device**" to connect.

If a device is already registered, select it and press "**OK**".

Confirm the Wi-Fi network you want to use to connect the device and press "**OK**".

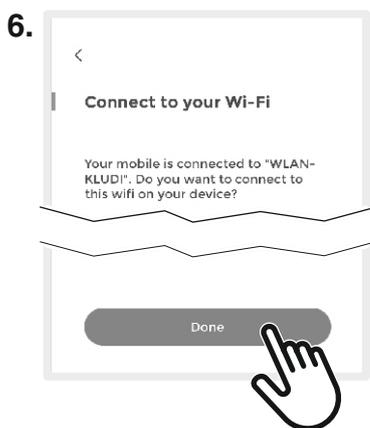
If it is the wrong Wi-Fi, press "**NO**" and select the correct network as described in step 2.



Enter the Wi-Fi password and press "**Done**".

Follow the instructions on the screen to activate Bluetooth on the device.

Go to the main display and start a consumer, the temperature flashes until the preset temperature is reached. Now press \odot to enter pause mode. Now start the shower process 4 times via \odot .



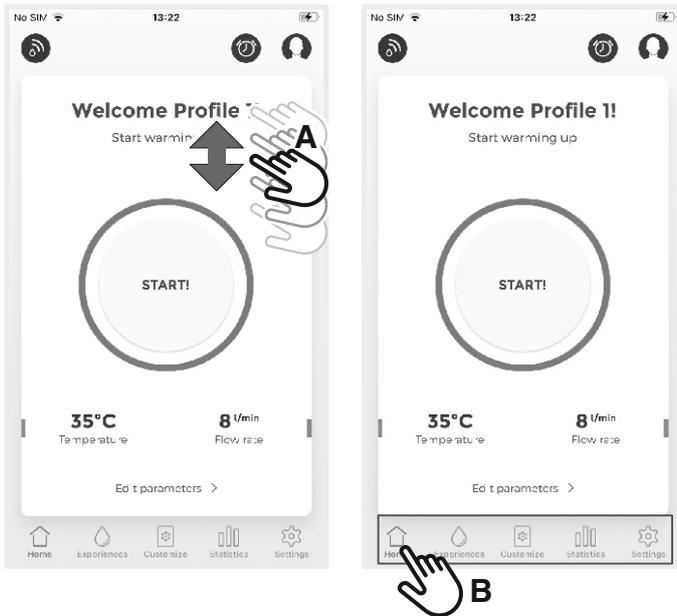
Press "**Done**" to continue.

i If the device is not listed, repeat the above procedure. Alternatively, either disconnect the power supply or reconnect the WiFi module.

S-FLOW

General information

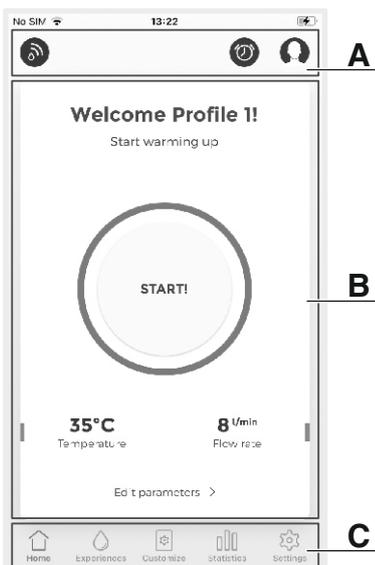
Navigation



You can select the APP menus by swiping (A) in the display or by pressing (B) on the pictograms.

Structure of the display and control elements of the APP

- ⊕ Add value or setting
- ■ ■ Opens submenu for changing parameters



Area A shows menu-related display and control elements:

- 📶 Connection to a device active, Call up device selection, Terminate connection.
- 🕒 Alarm active, Select alarm setting.
- 👤 Select user
- ✕ Close window/menu
- ⏪ Back to the previous window/menu

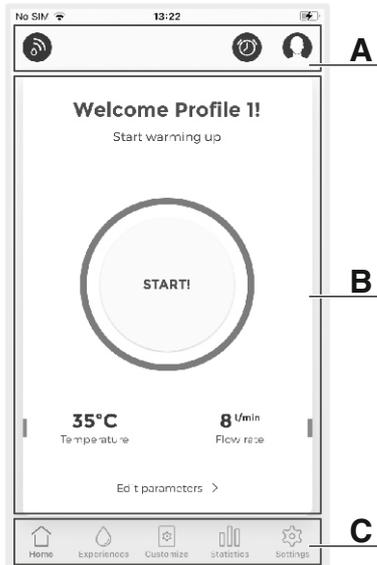
Next Continue to the next window/menu

Save Save setting

Main window B shows menu-related information, possible selections, input masks and control elements.

S-FLOW

General information



Area **C** shows the main features of the APP and the current selection. Here, you can also select the main features directly.



Main menu

- Device and user selection
- Alarm
- Warm-up



Experiences, user settings

- Child save shower (temperature...)
- My shower sequence
- Bath fill mode
- Maintenance (cleaning programmes)



Device settings

- Maximum water temperature
- Maximum water flow rate
- Pause time
- Automatic switch-off



Statistics, data and consumption

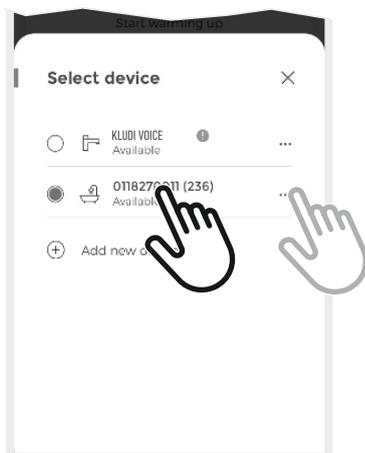


APP settings

- Password
- Terms and conditions
- Privacy policy of the APP
- APP version
- Logout

Main menu

Device selection



☞ Select different devices (showers and/or mixers) that are connected to the same APP user.

➔ The device is selected.

☞ To rename the device, click on the three small dots. Now change the name of your device and press "**Save**" in the top right-hand corner.

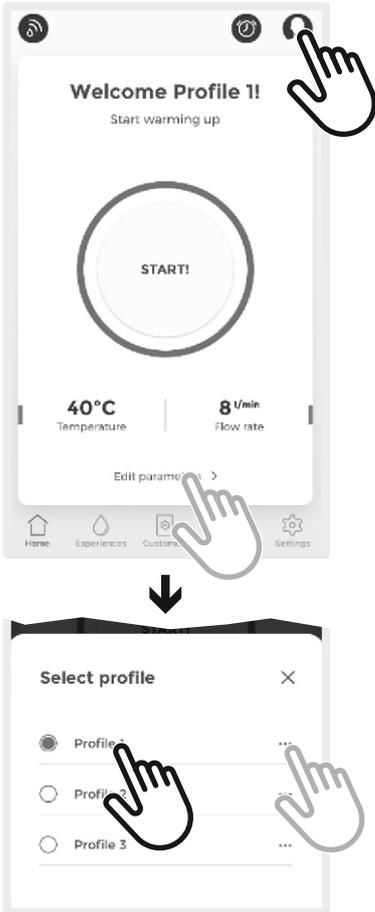
ⓘ Here it is also possible to disconnect the device by clicking on "**Disconnect device**" at the bottom.

Attention! If the device is not connected to the APP, no settings can be made on the product.

S-FLOW

Main menu → User selection

User selection



i The user can select 3 different profiles in the APP and name them individually.

Press  to switch or change the user profile.

To change the parameters of the user profile, click on "**Edit parameters**".

→ The selection window appears.

Select a user profile.

→ The user profile is selected.

To rename the user profile, click on the three small dots. Now change the name of the user and press "**Save**" in the top right-hand corner.

S-FLOW

Main menu → Warm-up

Warm-up

⚠ Caution! Pay attention to the alignment of the consumers, especially the hand shower, as otherwise water damage may occur.

⚠ Caution! Check that the shower is clear (no persons or objects).

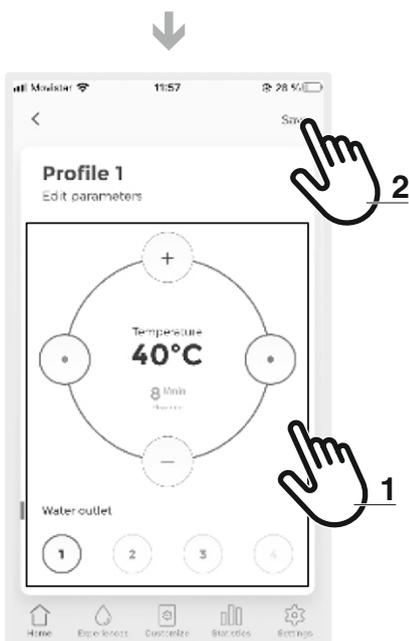


➡ Press "**START!**" to start the warm-up process for the selected user.

➔ The warm-up process starts with the default settings for the selected user.

As soon as the warm-up process has been completed, the display switches to pause mode. To start the shower, tap **⏻** on the display.

➡ To change the default settings, press "**Edit parameters**".



➔ The programming window appears.

➡ Now programme the parameters for the warm-up and press "**Save**" in the top right-hand corner.

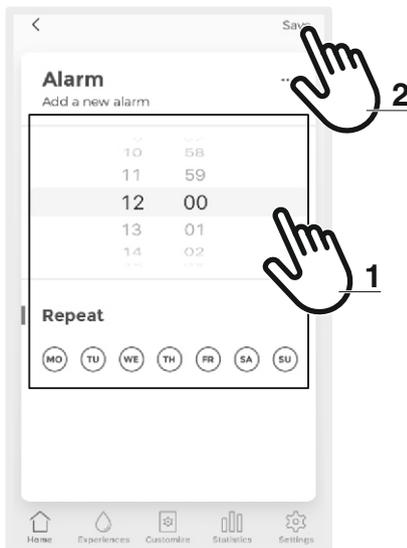
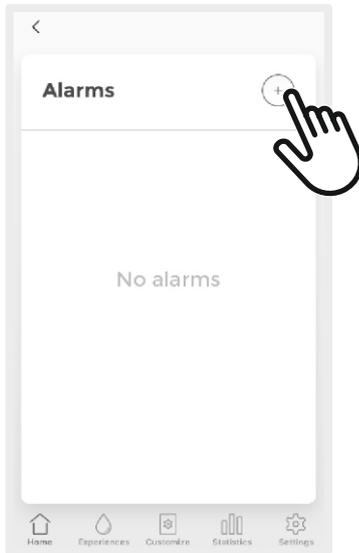
➔ The change has been saved.

i The process can be cancelled via "CANCELN" in the S-FLOW APP or via **⏻** on the display.

S-FLOW

Main menu → Alarms

Alarms



i The user can programme different alarms (alarm clocks).

Once an alarm has been triggered, the user has three options:

- Move alarm,
- Start/stop warm-up or
- Deactivate alarm.

h Press "+" to programme, change or delete an alarm.

➔ The programming window appears.

h Now programme the alarm and press "**Save**" in the top right-hand corner.

➔ The change has been saved.

S-FLOW

Experiences → Child safe shower

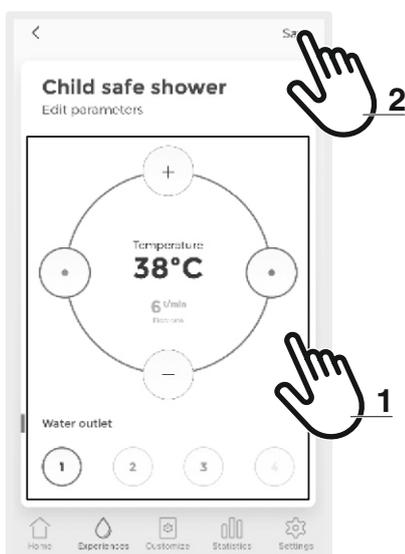
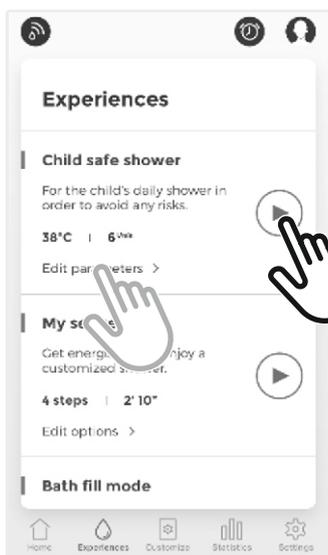
Experiences

The **S-Flow** APP allows the user to activate and programme various shower and bath modes.

Child safe shower

⚠ Caution! Pay attention to the alignment of the consumers, especially the hand shower, as otherwise water damage may occur.

⚠ Caution! Check that the shower is clear (no persons or objects).



i This setting prevents the parameters preset here (temperature, flow rate, outlet) from being changed via the control unit (e.g. TouchTronic).

👉 Press ▶ to start the warm-up process directly.
As soon as the warm-up process has been completed, the display switches to pause mode.

To start the shower, tap ⏻ on the display.

👉 To change the default settings, press **"Edit parameters"**.

➔ The programming window appears.

👉 Now programme the setting points for temperature, flow rate and outlet individually for the selected user and press **"Save"** in the top right-hand corner.

➔ The change has been saved.

i The process can be cancelled via **"CANCELN"** in the S-FLOW APP or via ⏻ on the display.

S-FLOW

Experiences → My sequence

My sequence

⚠ **Caution!** Pay attention to the alignment of the consumers, especially the hand shower, as otherwise water damage may occur.

⚠ **Caution!** Check that the shower is clear (no persons or objects).

i This setting allows the user to preset a specific sequence:

- Individually for each user.
- With a predefined number of steps.
- With values assigned to the step ..(temperature, flow rate, outlet).

👉 Press ▶ to start the process directly.
As soon as the warm-up process has been completed, the display switches to pause mode. To start the shower, tap ⏻ on the display.

👉 To change the default settings, press **"Edit options"**.

➔ The **"Device Steps"** programming window appears.

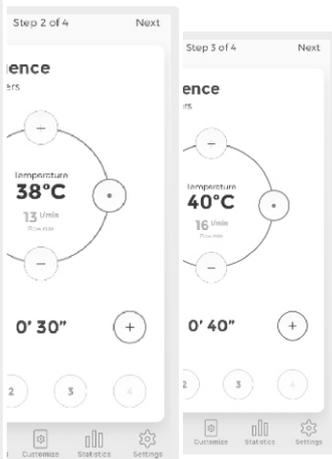
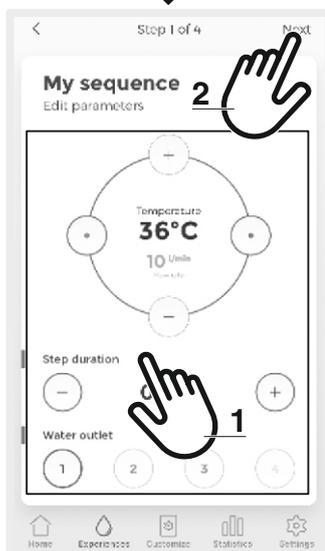
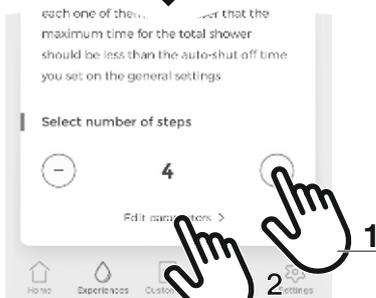
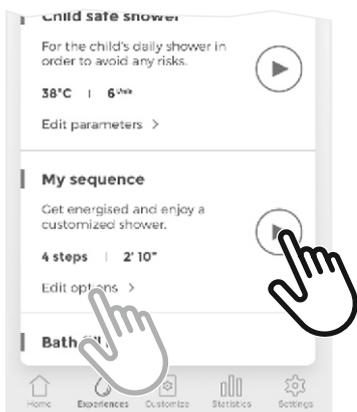
👉 Now programme the number of steps for the selected user and press **"Edit parameters"**.

➔ The **"Edit parameters"** programming window appears.

👉 Now programme the parameters for step 1 and press **"Next"** in the top right-hand corner.
Repeat the programming for all subsequent steps and press **"Save"** in the top right-hand corner.

➔ The change has been saved.

i The process can be cancelled via **"CANCELN"** in the S-FLOW APP or via ⏻ on the display.



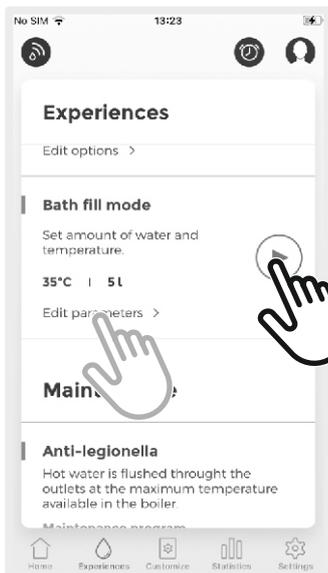
S-FLOW

Experiences → Bath filling

Bath fill mode

⚠ Caution! Pay attention to the alignment of the consumers, especially the hand shower, as otherwise water damage may occur.

⚠ Caution! Check that the shower is clear (no persons or objects).

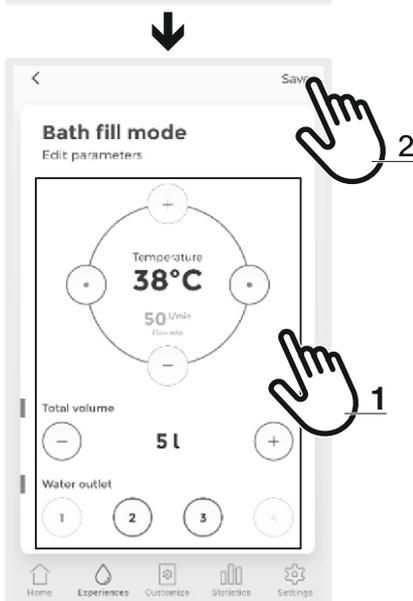


i This setting allows the user to preset the filling volume and temperature of the Bath fill mode.

👉 Press ▶ to start the process directly.

As soon as the warm-up process has been completed, the display switches to pause mode. To start the shower, tap ⏻ on the display.

👉 To change the default settings, press "Edit parameters".



➔ The programming window appears.

⚠ Do not exceed the maximum filling volume of the bathtub!

👉 Now programme the parameters for the Bath fill mode and press "Save" in the top right-hand corner.

➔ The change has been saved.

i The process can be cancelled via "CANCELN" in the S-FLOW APP or via ⏻ on the display.

S-FLOW

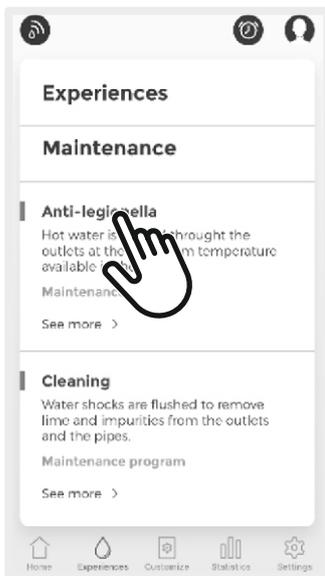
Experiences → Maintenance → Anti-legionella flushing

Maintenance

There are two maintenance/cleaning programmes that can be triggered in the **S-FLOW** APP.

Anti-legionella flushing

For 15 minutes, the system opens the water outlets one by one with hot water only!



⚠ Caution! During this process, hot water flows through all consumers to flush the pipes! There is a risk of scalding!

⚠ Caution! Pay attention to the alignment of the consumers, especially the hand shower, as otherwise water damage may occur.

⚠ Caution! Check that the shower is clear (no persons or objects).

i The process can be cancelled via "CANCELN" in the S-FLOW APP or via ⏻ on the display.

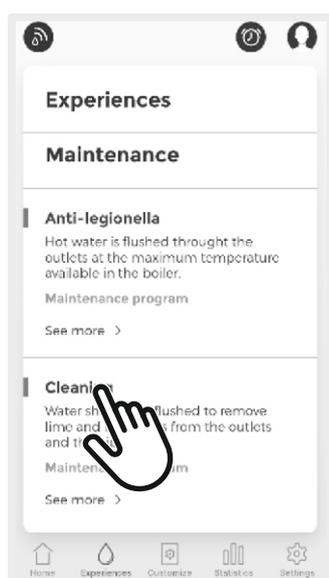


Experiences → Maintenance → Cleaning

Cleaning

The system opens and closes the water outlet to flush out limescale or impurities that may be in the water pipes.

- ⚠ **Caution! During this process, cold and hot water flows through all consumers to flush the pipes! There is a risk of scalding!**
- ⚠ **Caution! Pay attention to the alignment of the consumers, especially the hand shower, as otherwise water damage may occur.**
- ⚠ **Caution! Check that the shower is clear (no persons or objects).**



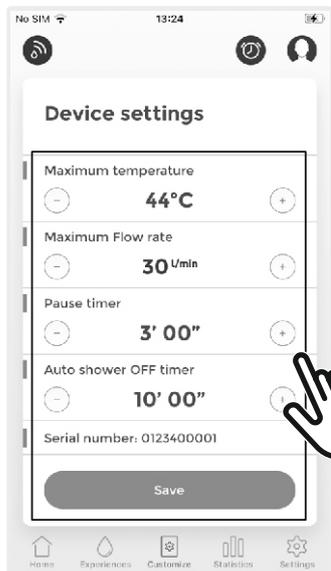
- i** The process can be cancelled via "CANCELN" in the S-FLOW APP or via ⏻ on the display.

S-FLOW

Device settings

Device settings

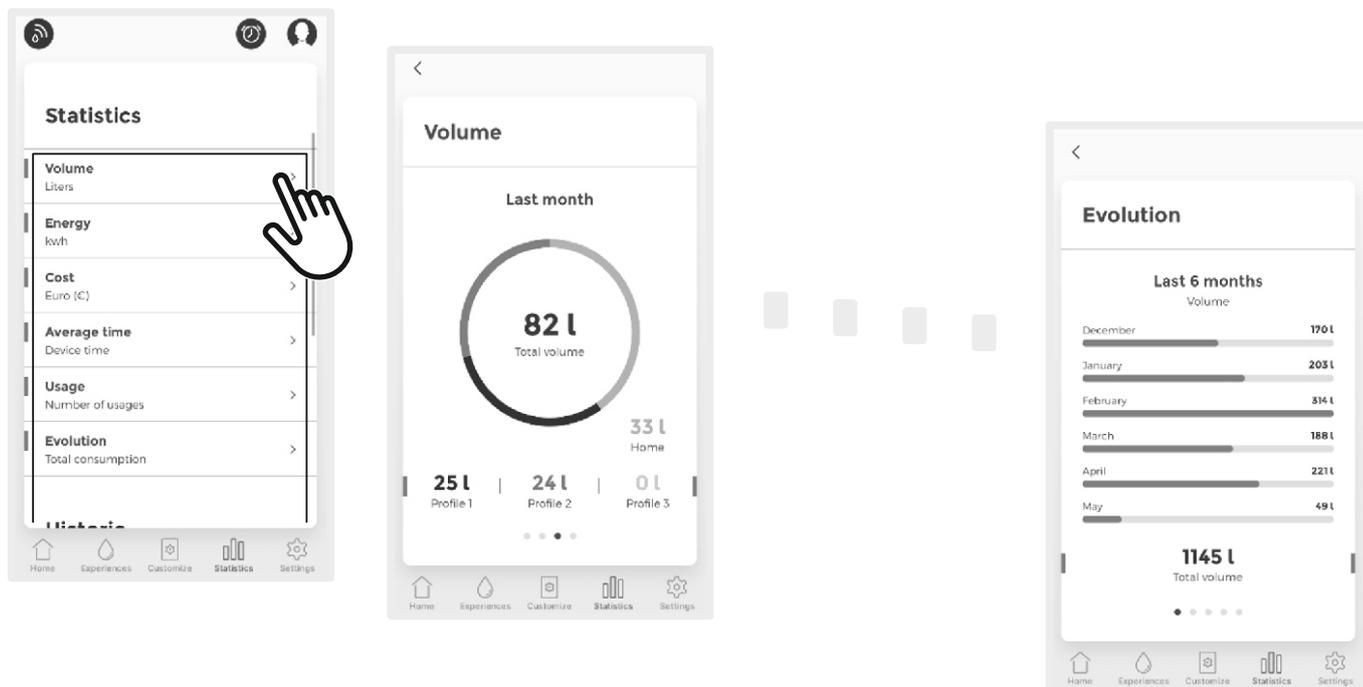
In the "Device settings", "Maximum temperature", "Maximum flow", "Pause time" and "Auto shower OFF timer" can be set for the three users.



i This display also contains the **serial number** of the system. This serial number is important if external maintenance is required and must be specified if necessary.

Statistics

The **S-FLOW** APP displays various statistics on water consumption, energy, average usage time, frequency of use and the development of all these parameters.



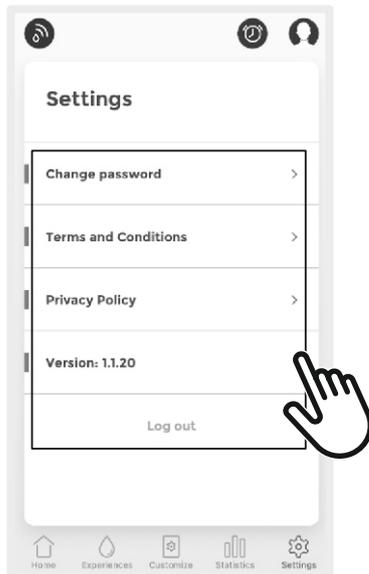
S-FLOW

Settings

Settings

The password can be changed in the "Settings" menu. Here you will also find the terms and conditions and the privacy policy of the APP as well as the current APP version.

In this menu you will also find "Logout" to log out of your user account.



Problems and alarm messages

Problems

Problem	Description	Recommended action
Display not illuminated	The display has lost the connection to the mixing unit.	Check the power supply to the mixing unit. Check the connection of the power cable and the display cable to the mixing unit and check whether the cables are damaged. If the problem persists, please contact customer service.
Display does not show all symbols of the outlets	The start-up process was not executed.	Start the start-up process. If the problem persists, please contact customer service.
Low flow rate at the outlets	The flow rate is too low at the outlets, probably due to dirt that has accumulated in them.	Start the cleaning programme (CLE), 2 or 3 times if necessary. Check the water pressure and start the start-up process.
System is not working correctly and the temperature at the outlets is too hot	The water inlets are reversed.	
System is not working correctly and the temperature at the outlets is too cold	The hot water valve is not working properly.	Please contact customer service.

Alarm messages

Alarm	Problem	Description	Recommended action
AL 1	Cold water fault	The device is detecting a cold water fault, probably due to dirt that has accumulated.	Start the cleaning programme (CLE), 2 or 3 times if necessary. If the problem persists, please contact customer service.
AL 2	Hot water fault	The device is detecting a hot water fault, probably due to dirt that has accumulated.	Start the cleaning programme (CLE), 2 or 3 times if necessary. If the problem persists, please contact customer service.

Annex

Problems and alarm messages

Alarm	Problem	Description	Recommended action
AL 3	Cold water failure	There is no water at the mixing unit on the cold water inlet.	Check whether the cold water supply is interrupted. Make sure that water reaches the inlets. Remove the filters at the inlets and clean or replace them. If the problem persists, please contact customer service.
AL 4	Hot water failure	There is no water at the mixing unit on the hot water inlet.	Check whether the hot water supply is interrupted. Make sure that water reaches the inlets. Remove the filters at the inlets and clean or replace them. If the problem persists, please contact customer service.
AL 5	Hot water temperature is too low		Check the flow temperature.
AL 6	Cold water temperature is too high	Cold water temperature is greater than 28 °C.	Reduce the temperature at the cold water inlet. Check the flow temperature. If the problem persists, please contact customer service.
AL 7	Temperature sensor fault		Please contact customer service.
AL 9	Error in the legionella programme		Please contact customer service.
AL 10	Warm-up fault	The mixing unit cannot reach the preset warm-up temperature during warm-up.	Check the flow temperature. If the problem persists, please contact customer service.
AL 11	Bath filling fault	The mixing unit cannot reach the preset warm-up temperature for filling the bathtub.	Check the flow temperature. If the problem persists, please contact customer service.

Annex

Problems and alarm messages

Alarm	Problem	Description	Recommended action
AL 12	Flow meter error		Start the cleaning programme (CLE), 2 or 3 times if necessary. If the problem persists, please contact customer service.
AL 13	Flow meter error		Start the cleaning programme (CLE), 2 or 3 times if necessary. If the problem persists, please contact customer service.
AL 14	Risk of frost	The cold water temperature is below 5 °C.	Increase the inlet and ambient temperature.

