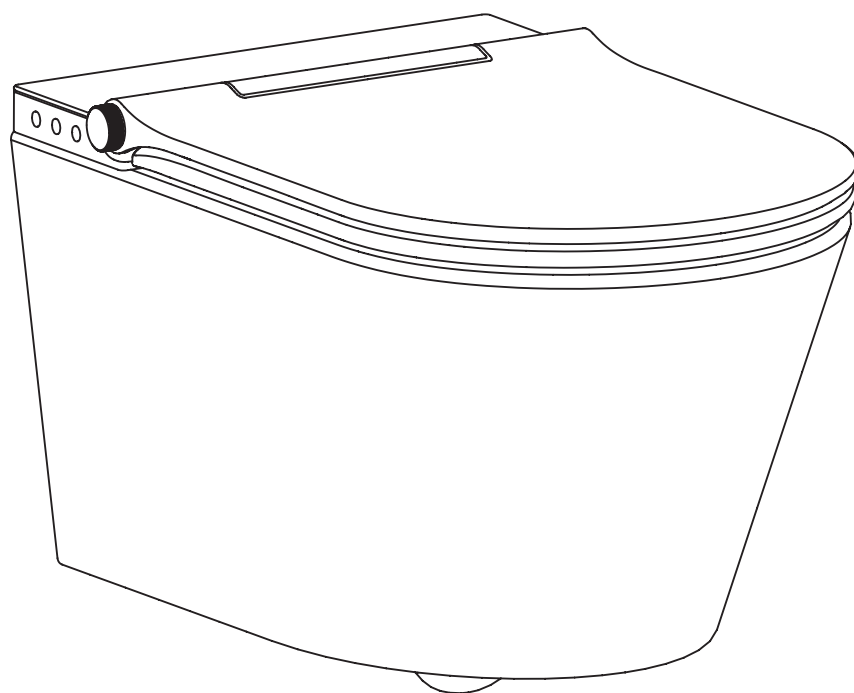
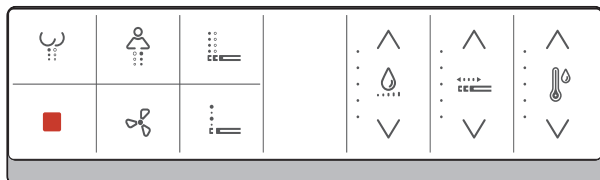


OLTENS



Smart Frisk - instruction manual

Refers to **ME4010**

Thank you for purchasing this smart toilet, please use it carefully after reading this manual.

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Chapter 1 Safety notice

In order to prevent harm and property damage to users or other individuals, please read the safety notice carefully and be sure to comply with it!

1.1 Symbols and their meaning



Warning

Ignoring this sign may result in serious injury or death.



Note

Ignoring this sign may result in bodily injury or property damage.

The meaning of other symbols is as follows:



Mandatory instruction that must be followed.



Prohibition



Disassembly or unauthorized modification of the product is prohibited



Connect the ground wire.



Do not immerse in water.



Do not touch with wet hands.



Keep away from high temperatures and flammable objects.

To enjoy the benefits of the smart toilet seat, carefully read the instructions, especially the safety guidelines. Please keep this instruction manual in proper condition. If the product needs to be transferred to other users, please be sure to hand over this instruction manual. All instructions are in accordance with the technical state of the device at the time of printing. We reserve the right to make changes resulting from further product modernization.

1.2 Intended use

This product is a smart toilet seat with rear and front wash function, which can also be used as a regular toilet seat. It can only be used in enclosed spaces. Any other use will be considered improper. We accept no responsibility for improper use.

1.3 Requirements for users

In the case of children under 3 years old and individuals unable to operate the device, as well as those with physical, sensory, mental or other disabilities, the device may be used after receiving safety instructions or under the supervision of others.

Make sure children do not play with this product.

1.4 Use only when the device is fully operational



Make sure the power cord is not damaged.

The power cord must not be bent or pinched.

Keep the power cord away from hot surfaces and sharp edges.

Do not use the toilet seat if it is not working properly.

To avoid device malfunction caused by improper use, disconnect the power supply, close the shut-off valve to stop the water flow, and then contact the customer support hotline.

1.5 Using the toilet seat

The cold water should be supplied to the toilet seat from the main water supply pipe.

Use the new hose provided with the device for this purpose. Do not reuse the old hose.

The product itself does not have leak protection and should be connected to a system that includes leak protection.

The fixed electrical installation must be equipped with a protective device that provides total disconnection by opening the contacts under conditions of category III surge protection, in accordance with electrical installation standards.

The cross-sectional area of the wires of the fixed electrical installation should be 1 - 2 mm² (AWG 17-14)

For additional protection, it is recommended to install a residual current device (RCD) with a rated working current not exceeding 30 mA in the power supply circuit.

Consult your installer for advice in this matter.

Confirm that the grounding end of the power supply cable is 10 mm (3/8") longer than the live wire (L) and neutral wire (N).

Before installing the product, ensure that an electrical junction box has been mounted on the wall.

If the XD-AMT-ZM-01 module is moved from a cold to a warmer place, condensation may form on it. In this case, turn off the device for a few hours.

Do not contaminate, spray or block the cleaning sprayer on purpose.

Do not flush newspaper, diapers, sanitary napkins and other items into the toilet seat, as they may clog the product. Maintenance must be carried out by qualified staff.

Do not use accessories that are not recommended.

1.6 Using batteries



In case of a battery acid leak from a faulty battery, avoid contact with skin, eyes, and mucous membranes.

If acid comes into contact with the skin, rinse the affected area with a large amount of water and immediately seek medical advice.

Keep the battery out of reach of children. If swallowed, batteries may pose a life-threatening hazard. If a battery has been swallowed, seek medical advice immediately.

Do not charge the batteries, use any devices to regenerate the batteries, dismantle the batteries, throw them into a fire or cause a short circuit.

Once the battery is exhausted, remove it from the control device immediately.

Otherwise, leakage may occur, causing damage.

Do not mix old and new batteries in the remote control.

Before inserting the battery, clean the battery contacts and the device contacts. When installing batteries, pay attention to the correct polarity.

If the control device will not be used for an extended period, remove the batteries.

Do not expose the batteries to extreme conditions: avoid contact with heat or direct sunlight. Otherwise, leakage may occur.

Do not short-circuit the positive and negative terminals of the remote control.

1.7 Other precautions



People with disabilities and those without experience or common sense (including children) should use the product under the supervision of a caregiver.

This product must be connected to a cold water supply system (at a temperature of approximately 4~30°C); otherwise, burns or device failure may occur.

In case of abnormality or failure, immediately disconnect the power supply, close the inlet shut-off valve, and stop using the device.

Signs of abnormality or failure include:

- breakage or damage to the device
- smoke coming out of the device
- unusual sounds and burning smell
- anomalies in the device's heating functions
- Water leaks from pipes and internal components

Continued use of the device despite a malfunction may result in electric shock, fire, bodily injury or flooding of the room.



Do not insert your fingers or other objects into or block the drying outlet. Otherwise, it may cause burns, electric shock or damage to parts.

This product is classified as an electrical device, so it should not be installed in areas prone to water flooding or high humidity.

Do not spill water or detergent on the device, its bottom or the power plug, as this may cause electric shock, short-circuit or fire.

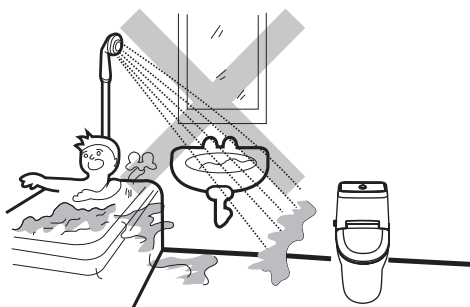


Do not lift the device by holding the lid or the toilet seat.

Do not open the lid or seat if something is on top of it. Otherwise, it may cause damage to the device and bodily injury.



In case of using the device in the bathroom, ensure that the power outlet is waterproof. If the solutions used are not waterproof, it may result in electric shock or fire.



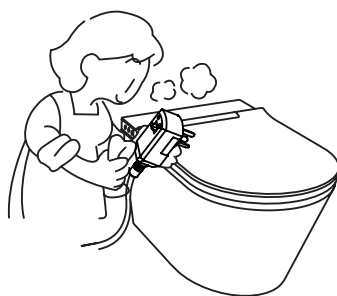
Do not immerse in water

Use a splash guard and do not spray water or detergent on the body or power plug. This may cause device damage, fire or electric shock.



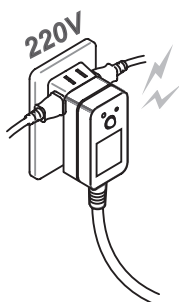
Grounding connection

Check if the power socket is properly grounded. This product requires effective grounding. It can only be connected to a separate socket of 220-240 V, 50/60Hz, 10A electrical installation with a residual current device or ground fault protector.



Compliance required

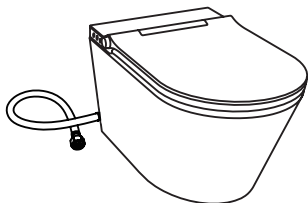
After cleaning the plug from dust, ensure that the power plug is properly inserted into the socket. To clean, remove the device plug from the socket and wipe it with a dry cloth.



Do not overload a single socket

The device requires power from an AC 220 ~ 240 V (50/60 Hz) electrical network.

Otherwise, overheating or fire may occur.



Prohibited actions

Do not bend or twist the water supply hose.
This may cause water leakage.



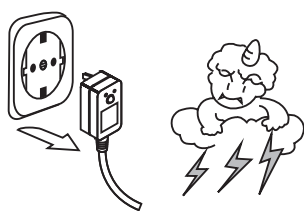
Prohibited actions

Do not use the following cleaning agents: gasoline, benzene, paint thinner, disinfecting powder and nylon brush.
This may damage the water supply hose or the entire device.



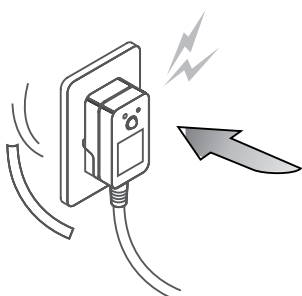
Prohibited actions

Do not turn on a radio receiver near the device.



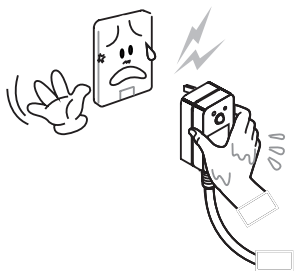
Compliance required

During thunderstorms, unplug the device.
Otherwise, electric shock may occur.



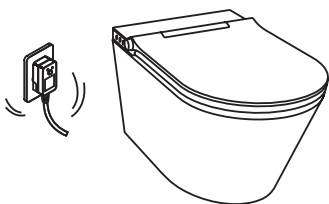
Prohibited actions

Do not connect the device to loose or faulty electrical outlets.
Otherwise, electric shock or fire may occur.



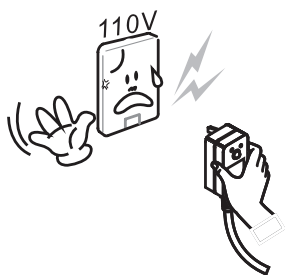
Do not touch with wet hands

Do not plug in or unplug the power supply with wet hands.
Otherwise, electric shock may occur.



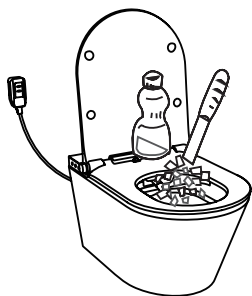
Prohibited actions

Do not unplug the power cord by pulling on the power cable,
or damage the plug/power cord in any other way.
This may cause fire, short circuit, or electric shock.



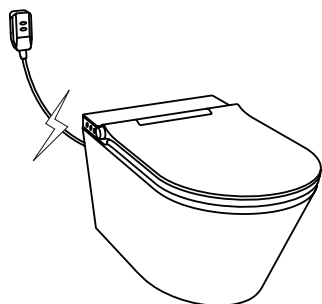
Prohibited actions

Do not connect the device to a power supply with a voltage different
from 220V ~ 240V.
This may cause product malfunction.



Unplug the device

Before disassembling or cleaning the device, ensure the power
is turned off and unplug the device. Otherwise, electric shock
or fire may occur.



Compliance required

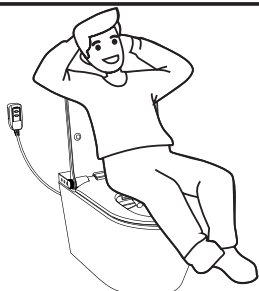
If the power cord is damaged, it must be replaced.
To avoid danger, contact the store where the device was purchased
or a local customer service center. The cord must be replaced
by the manufacturer, technical service, or an authorized technician.



Unplug the device

If the device will not be used for a long time, drain the water from the inlet hose and disconnect the power cord.

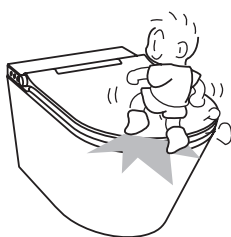
This will prevent water contamination and skin infections.



Prohibited actions

Do not lean your back on the lid.

This may damage the toilet seat lid and cause bodily injury.



Prohibited actions

Do not allow children to play on the toilet seat or lid, do not stand on or sit on the lid, and do not place heavy objects on it.

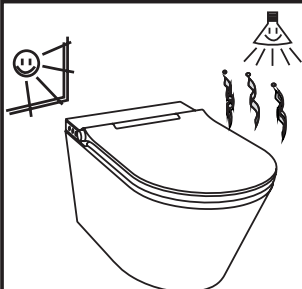
This may cause bodily injury or damage to the product.



Prohibited actions

Do not install the XD-AMT-ZM-01 device in an environment where freezing of water may occur. The room temperature must not fall below 4°C.

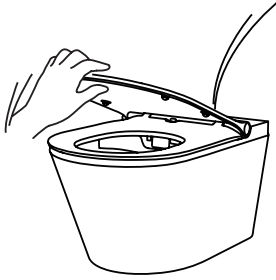
This will prevent freezing and damage to the moving parts of the device.



Prohibited actions

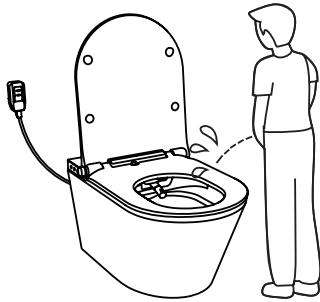
Do not expose the ME4010 device to water, strong light, or direct sunlight.

This could cause discoloration and irregular temperature changes.



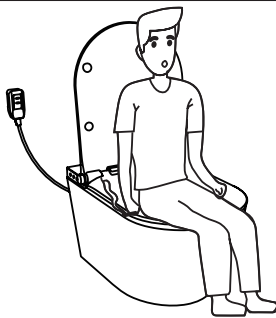
Prohibited actions

Do not forcefully close the lid or lower the toilet seat.
This may damage the product.



Prohibited actions

Do not urinate on the device body or nozzle.
This could cause malfunctions or stains, either pink or brown in color.



Prohibited exposure to high temperatures

Do not place flammable materials or hot objects near the device,
as this could cause a fire.

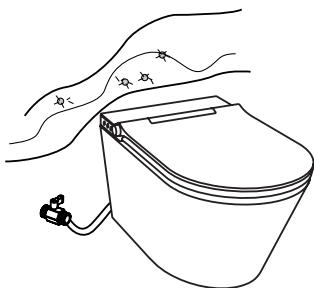
Do not throw burning cigarettes or other flammable materials
into the toilet.



Prohibited disassembly

Under no circumstances should you disassemble, repair, or modify
this device yourself.

Doing so could result in fire, short circuit, or electric shock.



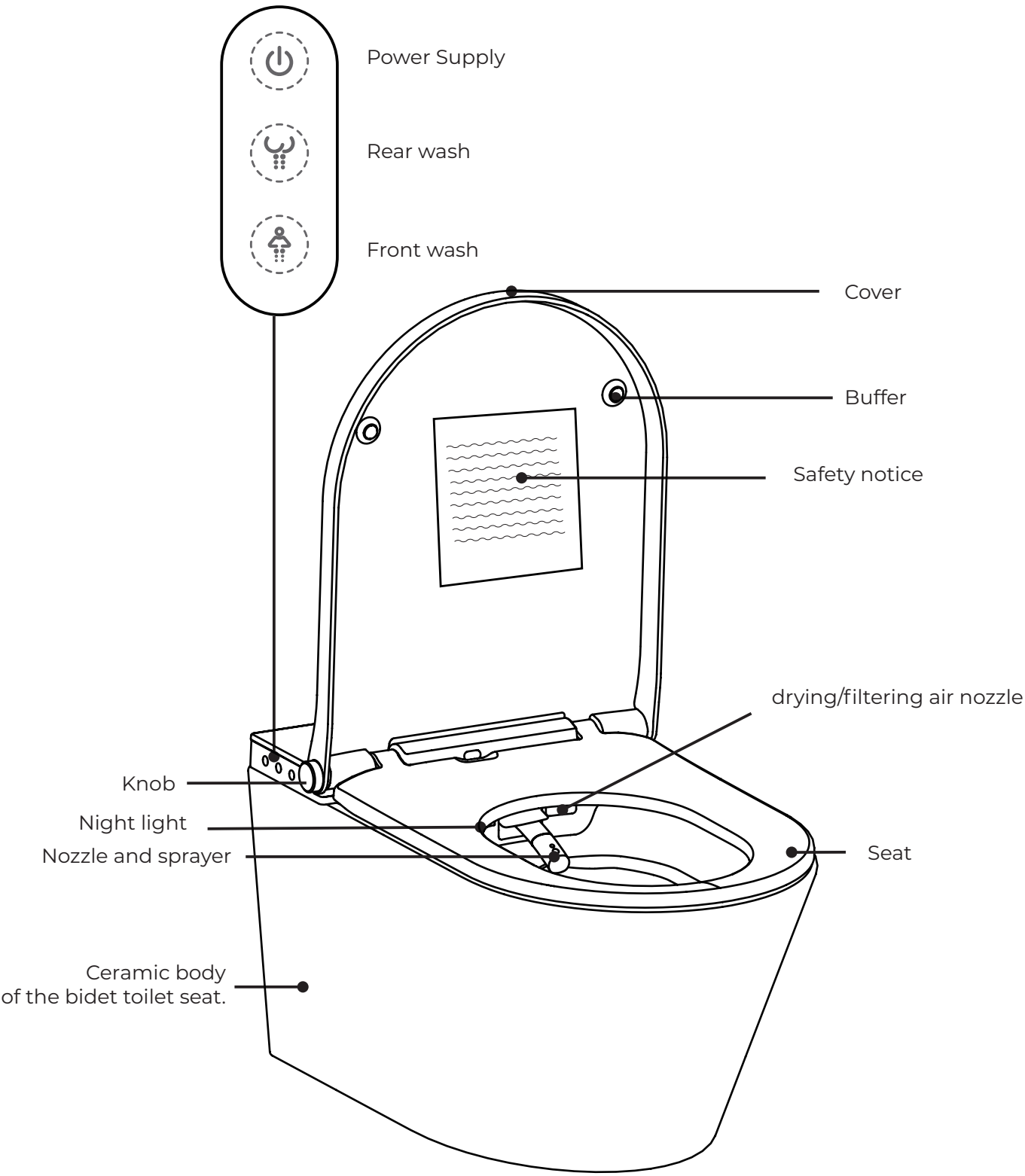
Prohibited actions

Do not connect the device to any wastewater system, mixed water,
industrial water, seawater, or any untreated or partially treated
water system.

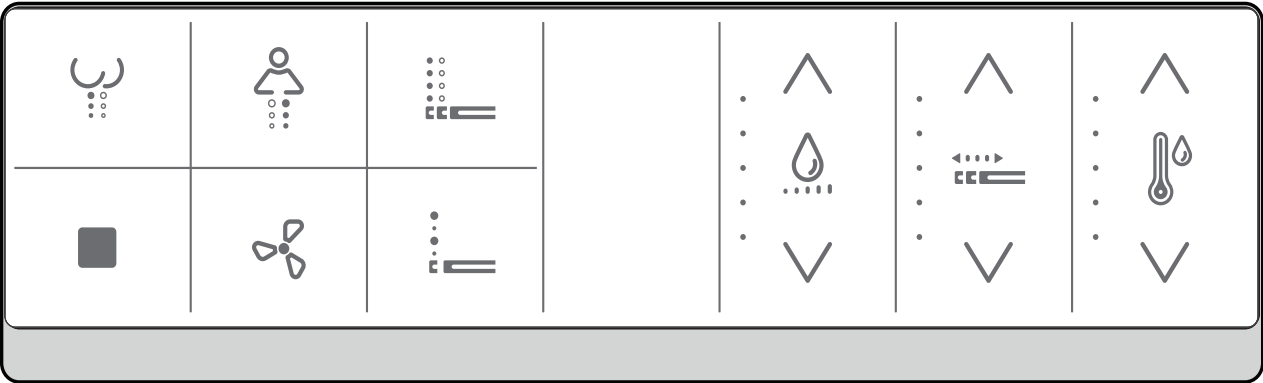
This may cause skin infections or malfunctions of the product.

Chapter 2 **Product overview**

2.1 Toilet body

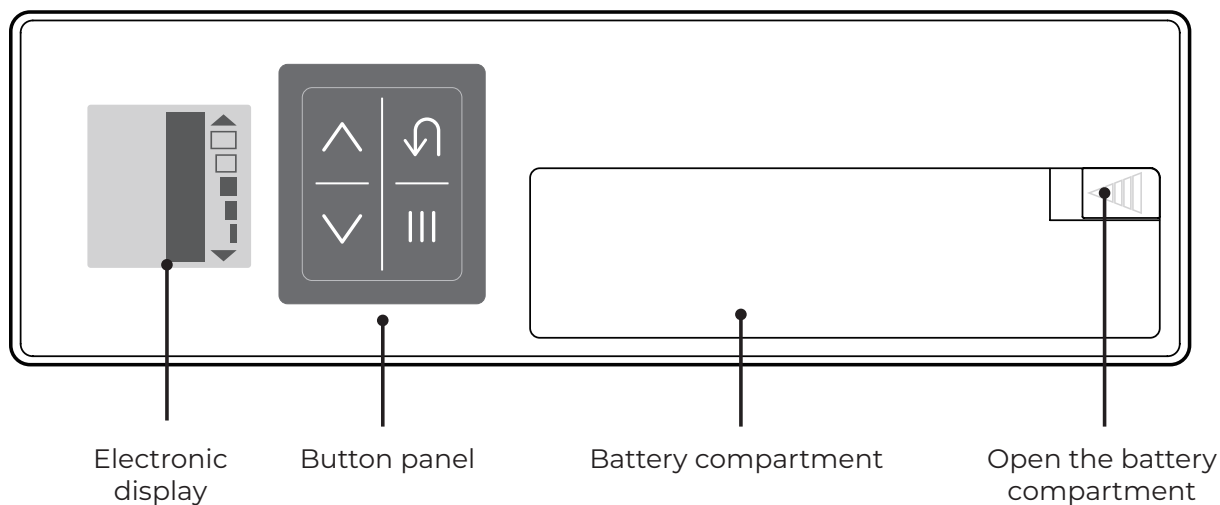


2.2 Buttons on the front of the remote control



ICON	BUTTON	ICON	BUTTON
	Rear wash		Water jet adjustment
	Front wash		
	Stop		Nozzle position adjustment
	Drying		
	Mobile massage wash		Water temperature adjustment
	Pulse massage		

2.3 Buttons on the back of the remote control



2.4 Panel buttons



ENTER



SET, BACK
Return to the previous menu during settings



CHOOSE FUNCTION

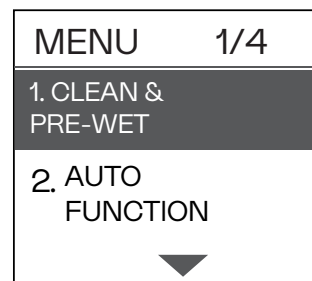


CHOOSE SETTING
For details on the functions of each button, see pages 27-33

1. Pressing the button



Automatically switches menu screens on the electronic display.



2 Selecting settings on the electronic display



Pressing (Up/down) buttons allows you to select functions

Option not selected

1. CLEAN & PRE-WET

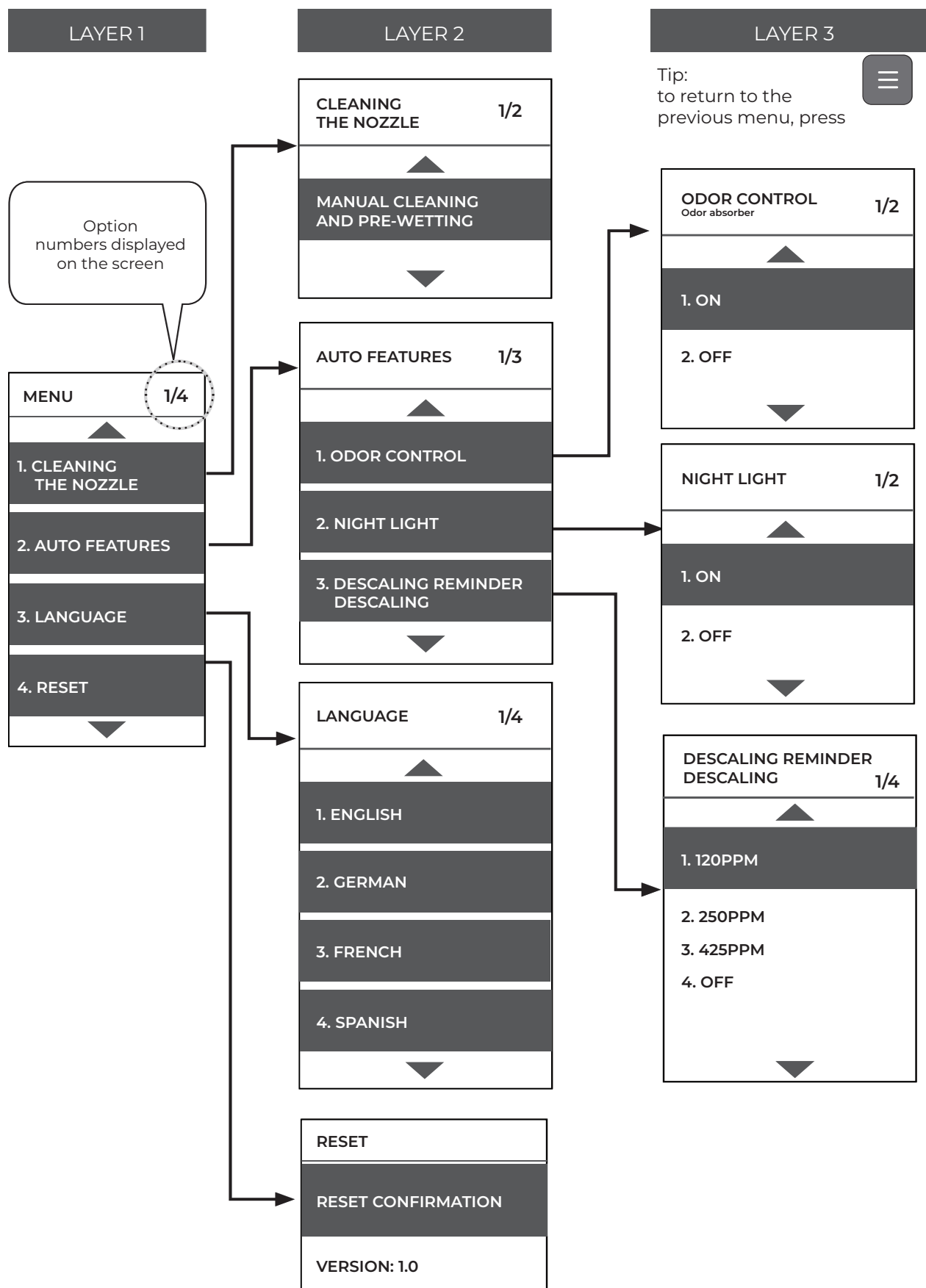
Option selected

MANUAL CLEAN/PREWET

When the button is pressed, the selected setting option will be applied



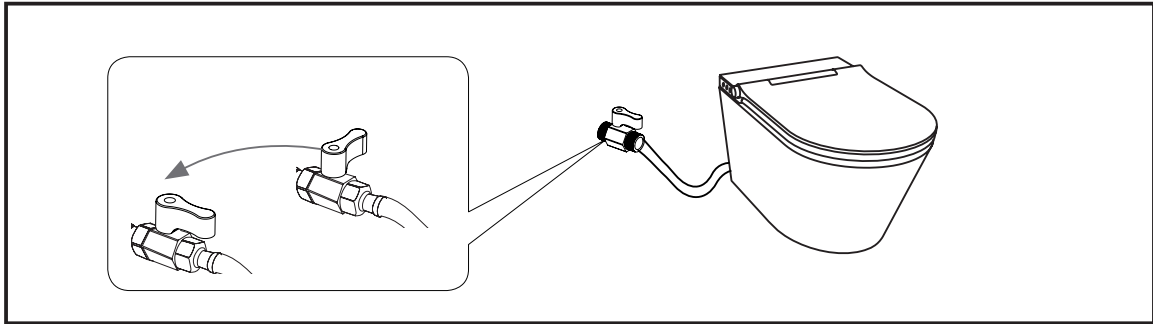
2.5 Functions on the back of the remote control



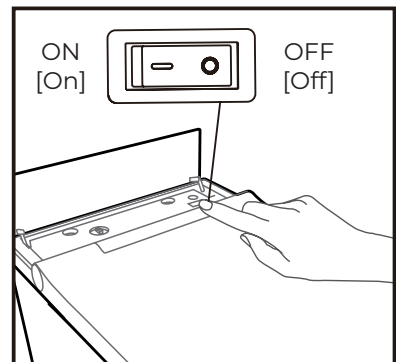
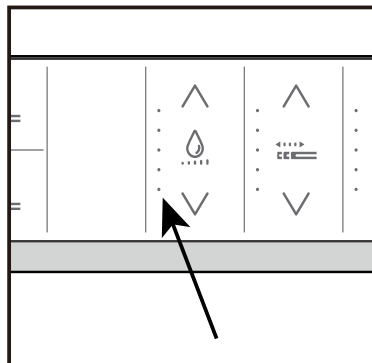
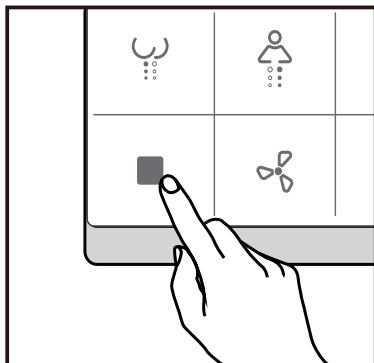
Chapter 3 Instructions for use

3.1 Preparing the device for use

1. Open the inlet valve and ensure that the current water supply is connected.
Turn clockwise to open the valve



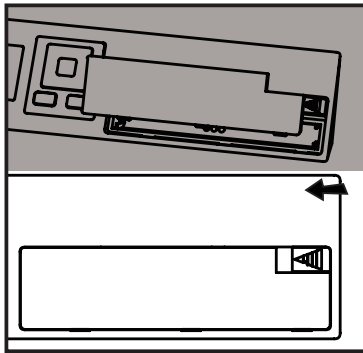
2. Code matching (device pairing)



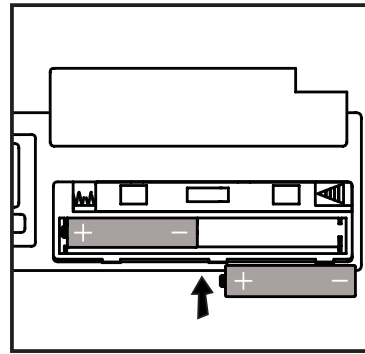
Turn off the power using the switch located under the top cover, insert batteries into the remote control, then press and hold the “STOP” button on the remote control until the status indicator on the remote starts blinking. Turn the power on using the switch under the top cover. If the status light goes out, the code pairing has been successful.

If pairing fails, the status light will automatically turn off after 30 seconds. You can try again by following the steps above. If the issue persists, contact a qualified technician.

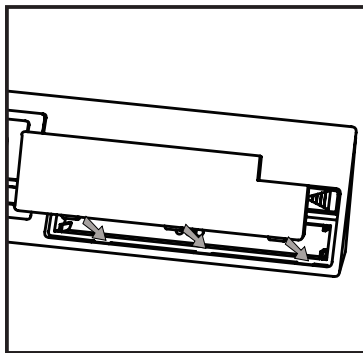
3. Remote control batteries



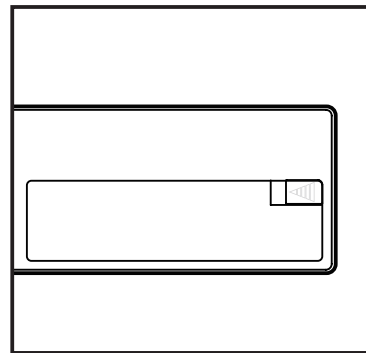
a. Press firmly on the indicated spot on the back of the remote control to push it to the left and open the battery cover as shown above.



b. Insert two AAA batteries.



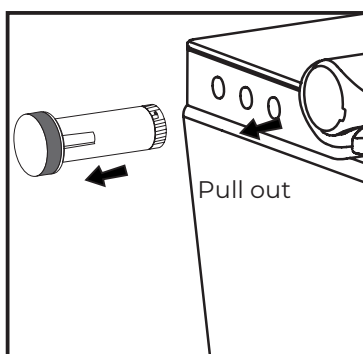
c. After aligning the cutouts with the small protrusions as shown in the diagram, close the battery cover.



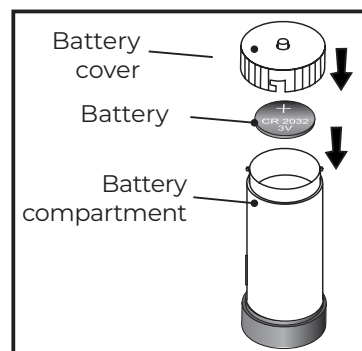
d. View after completed operation

Try to operate the remote control. If the remote control status indicator lights up after using the button, it means the batteries have been installed correctly. If the remote control does not respond, check if the batteries are functional and correctly installed. If the batteries are drained, they should be replaced with new ones as described above.

4. Turn on the power switch

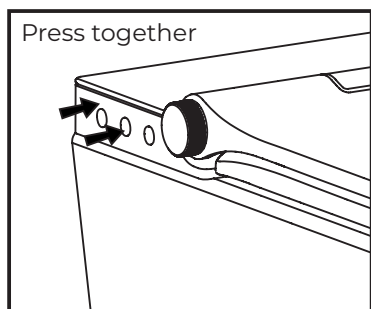


a. Pull the adjustment knob horizontally (note that the knob will snap towards the top of the toilet lid), as shown in the figure

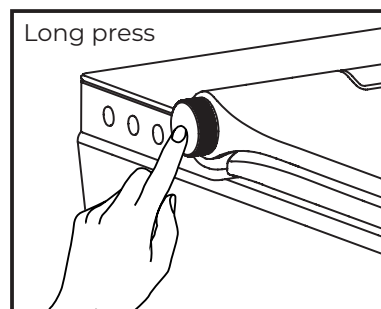


b. Open the battery cover and insert the battery into the battery compartment. Make sure the battery is marked with the + sign and the CR 2032 3V label, with the positive side facing up, as shown in the figure

5. Adjustment of the adjustment knob code

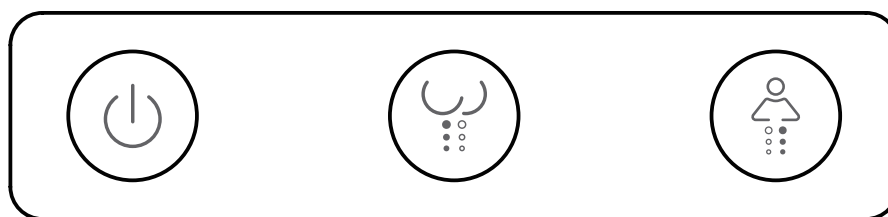


a. Press the "power" and "rear wash" buttons simultaneously. After releasing them, a long beep from the host indicates that the host is in the coding mode (a lack of beep may indicate that the buttons were not pressed simultaneously; try again).



b. Press and hold the knob until a long beep from the host is heard, indicating that the code has been successfully paired; the code will be successfully paired after about 10 seconds. If the pairing attempt fails, try again following the steps outlined above. If the issue persists, contact customer service.

3.2 Description of toilet buttons



Power Supply

Rear wash

Front wash

When the smart toilet is in use, pressing the "power" button will terminate the current operation.

When the smart toilet is not in use, pressing and holding this button for more than three seconds will turn off the smart toilet.

Pressing the "Standard wash" button activates the standard wash function, and the nozzle will extend to gently and safely clean the intimate rear areas.

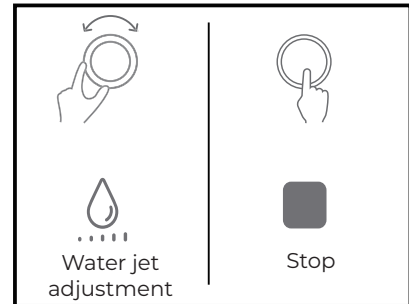
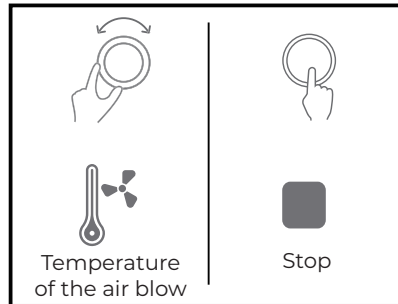
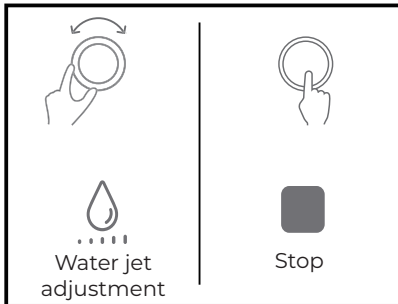
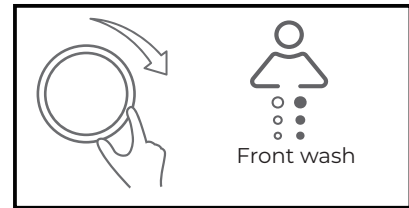
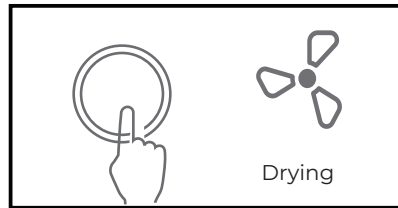
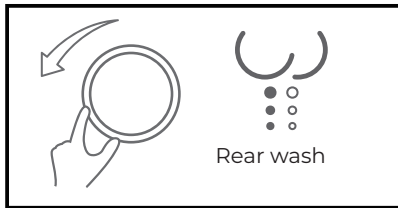
Pressing the "Standard wash" button again or pressing the STOP button on the remote control will turn off this function, which will also automatically turn off after 3 minutes.

Pressing the "Front wash" button activates the female wash function, and the nozzle will extend to gently and safely clean the female genital area.

Pressing the "Front wash" button again or pressing the "Stop" button on the remote control will turn off this function. It will also automatically turn off after 3 minutes.

Pressing any button again while the toilet is performing any operation will stop the current function.

3.3 Using the knob



To activate the rear wash function, sit on the toilet and turn the knob backward.

1. The activation and deactivation of the function are accompanied by a short beep; operation time: 3 minutes;

2. Turning the knob forward while washing allows you to increase the water flow, with 4 levels of adjustment. Each change in level is accompanied by a short beep, and a double beep indicates that the maximum level has been reached.

3. Turning the knob backwards during washing allows you to decrease the water flow, with 4 levels of adjustment. Each level change is accompanied by a short sound signal, and a double sound signal indicates that the minimum level has been reached. To turn off the rear wash function, press the knob.

To activate the warm air drying function, while sitting on the toilet, press the knob with the washing function turned off.

1. The activation and deactivation of the function are accompanied by a short beep; operation time: 4 minutes;

2. Turning the knob forward during drying allows you to increase the air temperature, with the adjustment covering 5 levels. Each level change is accompanied by a short beep, and a double beep indicates that the maximum level has been reached.

3. Turning the knob backward during drying allows you to decrease the air temperature, with the adjustment covering 5 levels. Each level change is accompanied by a short beep, and a double beep indicates that the minimum level has been reached.

To turn off the drying function, press the knob.

To activate the front wash function, while sitting on the toilet, turn the knob forward.

1. The activation and deactivation of the function are accompanied by a short beep; operation time: 3 minutes;

2. Turning the knob forward while washing allows you to increase the water flow, with 4 levels of adjustment. Each change in level is accompanied by a short beep, and a double beep indicates that the maximum level has been reached.

3. Turning the knob backwards during washing allows you to decrease the water flow, with 4 levels of adjustment. Each change in level is accompanied by a short beep, and a double beep indicates reaching the minimum level.

To turn off the front wash function, press the knob.

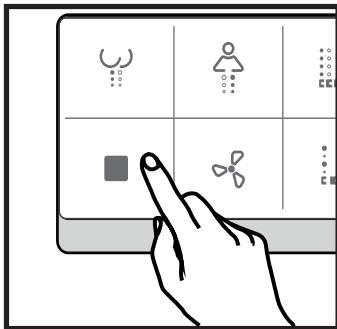
3.4 Using the remote control buttons

The smart toilet can be operated using the knob and the remote control. The knob allows control of the rear and front wash, drying, and turning these functions off. The remaining functions are controlled via the remote control, including settings that can also be adjusted with the remote. To activate a selected function, press the corresponding button on the remote. The button will briefly light up with white light, which will turn off after 5 seconds.

The "Stop" button always has the highest priority in any situation;

If more than two buttons are pressed, the first button pressed will take priority.

If the remote control does not respond, check whether the batteries are inserted and whether they are drained. If the batteries need to be installed, refer to the section on preparing the device for use.



Pressing the "Stop" button will stop the current operation being performed.

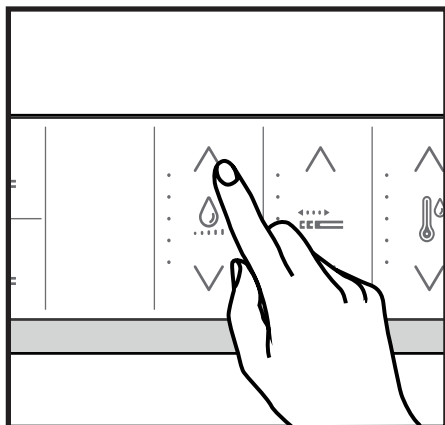
The "Stop" button has the highest priority, allowing you to end any ongoing operation.

If more than two buttons are pressed, the first button pressed will take precedence.

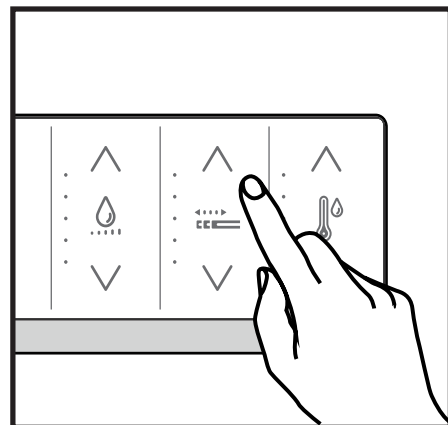


To activate the buttock washing function, press the "Standard wash" button, which will illuminate and emit a system sound.

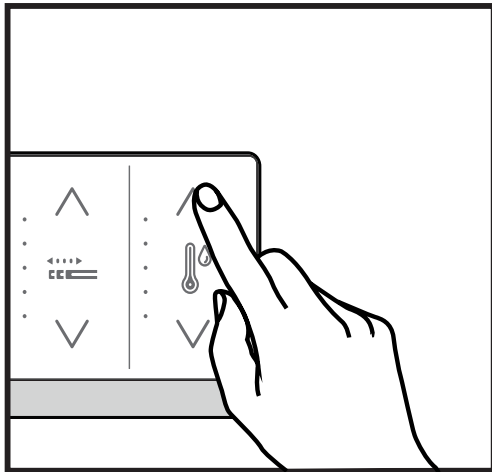
Condition: the inductive sensor detects that the user is seated on the toilet.



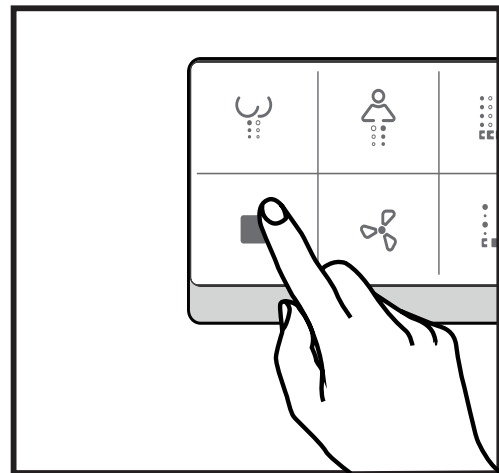
Pressing the "▲" button during rear wash in the "Water Flow Adjustment" segment will increase the intensity of the spray. Pressing the "▼" button will decrease the intensity of the spray.



Pressing the "▲" button during rear wash in the "Nozzle Position Adjustment" segment will move the nozzle forward. Pressing the "▼" button will move the nozzle backward.



Pressing the "▲" button during rear wash in the "Water Temperature Adjustment" segment will increase the water temperature. Pressing the "▼" button will decrease the water temperature.



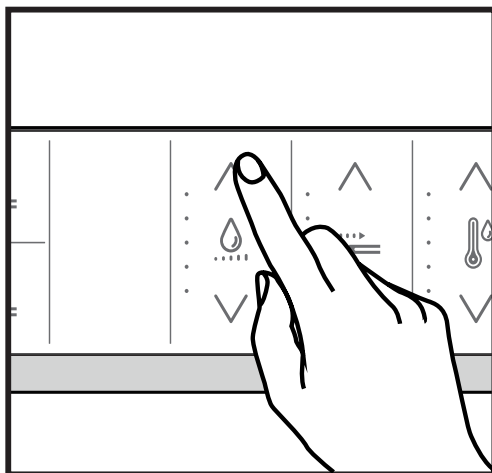
To stop the "Rear wash" function, press the "Stop" button or wait for 3 minutes, after which it will automatically turn off.



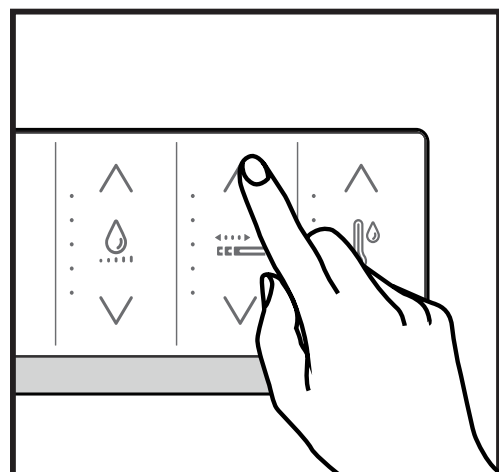
FRONT WASH

To activate the front wash function, press the "Front wash" button. The indicator light will turn on, and the system will emit a sound signal.

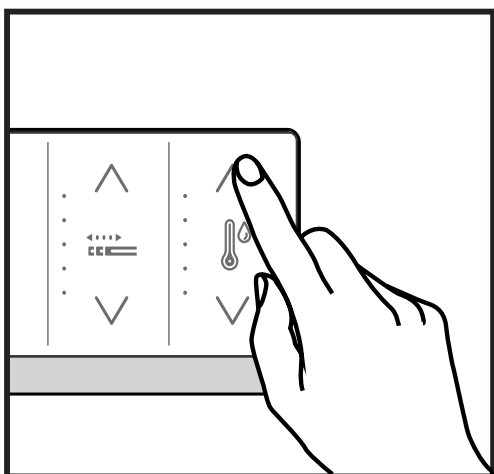
Condition: the inductive sensor detects that the user is seated on the toilet.



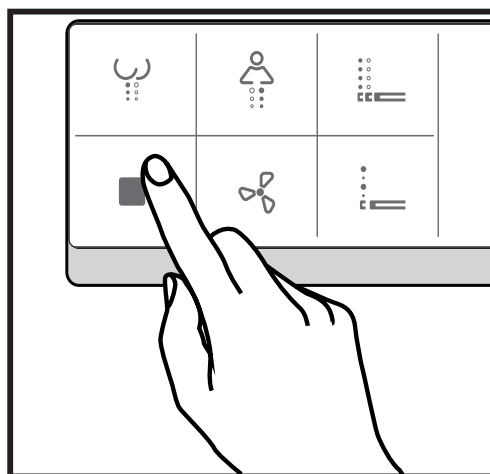
Pressing the "▲" button in the "Water Stream Regulation" section during the front wash function allows you to increase the spray intensity. Pressing the "▼" button decreases the spray intensity.



Pressing the "▲" button in the "Nozzle Position Adjustment" section during the front wash function moves the nozzle forward; pressing the "▼" button moves the nozzle backward.



Pressing the "▲" button in the "Water Temperature Regulation" section during the front wash function increases the water temperature; pressing the "▼" button decreases the water temperature.



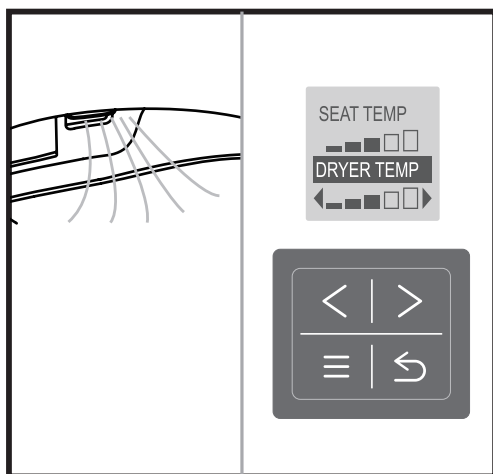
To stop the "front wash" function, press the "Stop" button or wait for 3 minutes, after which it will automatically turn off.



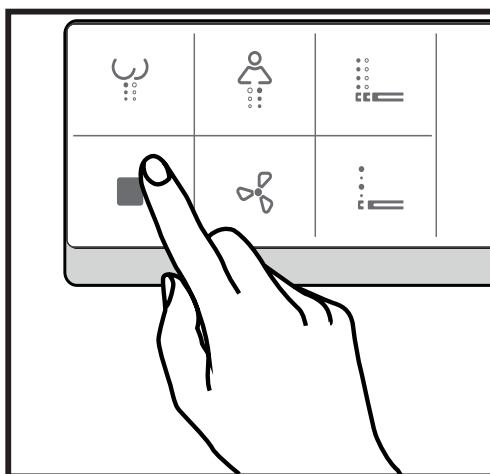
DRYING

To activate the function of drying with pleasantly warm air, press the "Dry" button.

Condition: the inductive sensor detects that the user is seated on the toilet.



When the "Drying" function is active, pleasantly warm air is blown out from under the open cover.



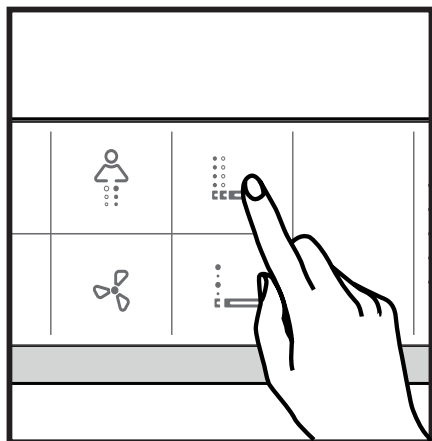
To stop the "drying" function, press the "Stop" button or wait for 4 minutes, after which it will automatically turn off.



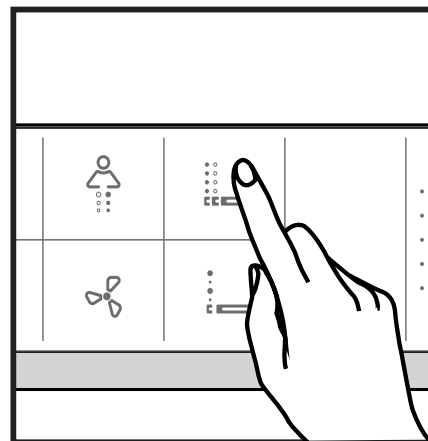
MOBILE MESSAGE WASH

In the case of the "Mobile message wash", the nozzle moves back and forth.

Condition: the "rear wash" or "front wash" function must be active.



After activating the "mobile message wash" function, the nozzle moves back and forth.



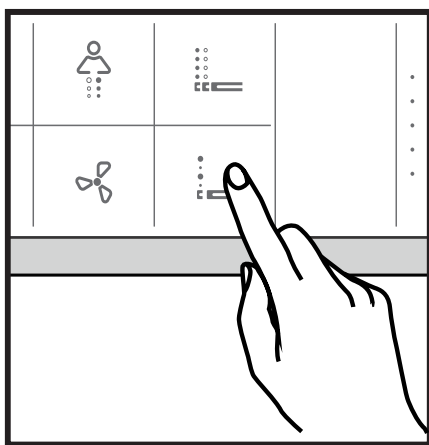
Pressing the "Mobile message wash" button again stops the function and switches back to Standard wash or Front wash. Alternatively, you can wait for 3 minutes, after which the operation will automatically stop.



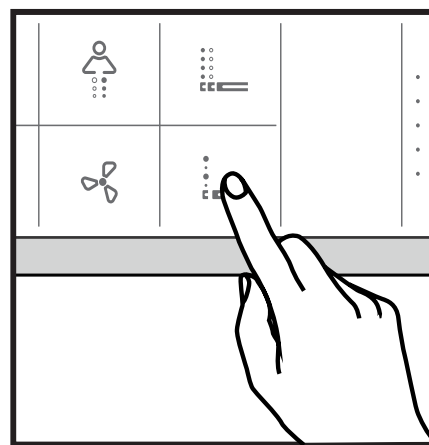
PULSE MESSAGE

Pressing the "Pulse message" button causes the water jet strength to change during the washing function.

Condition: the "rear wash" or "front wash" function must be active.



After activating the "pulse massage" the water spray has variable intensity.



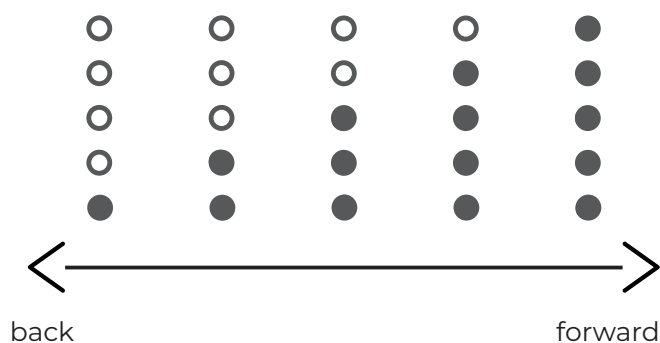
Pressing the "Pulse massage" button again stops the "pulse massage" and switches back to standard wash or front wash. Alternatively, you can wait for 3 minutes, after which the operation will automatically stop.



NOZZLE POSITION ADJUSTMENT

There are 5 levels of nozzle position adjustment. The default setting is level 3.

Condition: the "rear wash" or "front wash" function must be active.



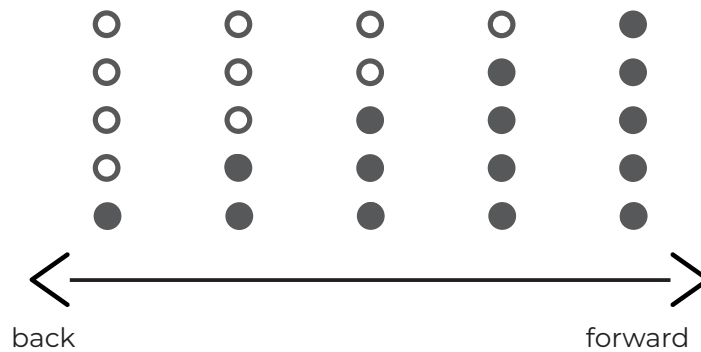
Pressing the "▲" button in the nozzle position adjustment segment moves the nozzle forward. With each press of the button, it moves one position forward until it reaches the maximum extension position. Pressing the "▼" button moves the nozzle backward. With each press of the button, it moves one position backward until it reaches the minimum extension position.



WATER JET ADJUSTMENT

There are 5 levels of water jet adjustment. The default setting is level 3.

Condition: the "rear wash" or "front wash" function must be active.



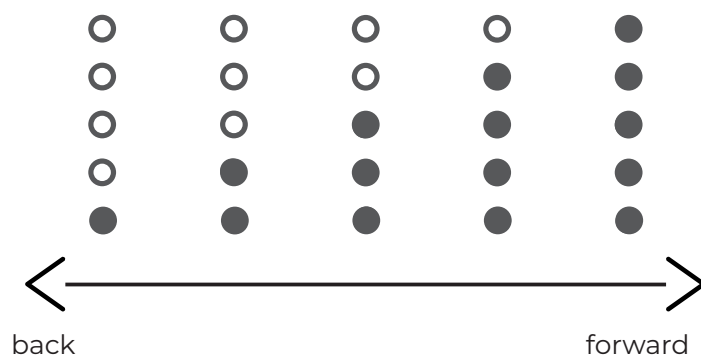
Pressing the "▲" button increases the water flow. With each press of the button, it increases by one level until the maximum level is reached. Pressing the "▼" button decreases the water flow. With each press of the button, it decreases by one level until the minimum level is reached.



WATER TEMPERATURE ADJUSTMENT

There are 5 levels of water temperature adjustment. The default setting is level 3.

Condition: the "rear wash" or "front wash" function must be active.

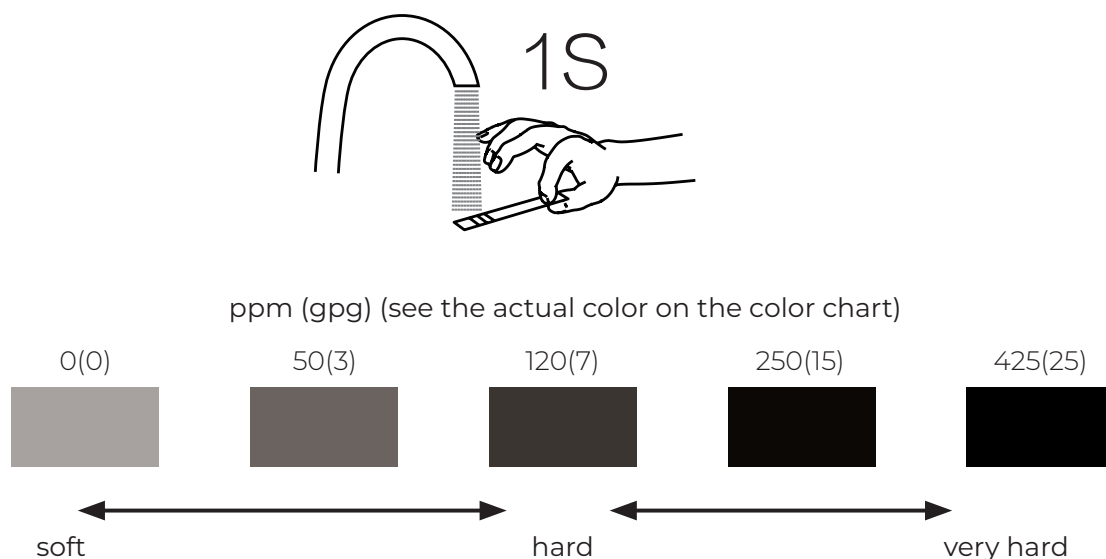


Pressing the "▲" button increases the water temperature. With each press of the button, the temperature increases by one level until the maximum level is reached. Pressing the "▼" button decreases the water temperature. With each press of the button, the temperature decreases by one level until the minimum level is reached.

3.5 Setting the descaling reminder (on the back of the remote control)

Due to the varying hardness of water, limescale can accumulate over a long period of time. To check the local water quality, after installing this multifunctional device, use the "total hardness test strip" (included in the delivery package).

The testing method is described below:



To measure the water quality at the installation site, dip the test zone into the solution for one second, then shake off any excess water.

Wait 15 seconds, then compare the color obtained on the test strip with the chart as shown in the diagram above (see the actual color on the color chart).

The closest color indicates the water hardness (mineral content).

Set the descaling reminder on the back of the remote control according to the mineral content of the water.

If the reading falls between two hardness levels, choose the higher level.

Setting method (example: if the mineral content is 120 ppm, select the first descaling reminder position):

<div>MENU 2/4</div> <div>1. CLEAN & PRE-WET</div> <div>2. AUTO FUNCTION</div> <div>▼</div>	<div>AUTO FUNCTION 3/3</div> <div>2. NIGHT LIGHT</div> <div>3. DESCALING REMINDER</div> <div>▼</div>	<div>DESCALING REMINDER 1/4</div> <div>1. 120ppm</div> <div>2. 250ppm</div> <div>▼</div>	<div>WATER HARDNESS 120ppm</div>
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After the set time for activating the descaling reminder has passed, the descaling reminder indicator will blink. To remove the limescale from the device, use a descaling solution.

The descaling procedure is outlined in section 4.7.

Chapter 4 Cleaning and maintenance

4.1 Cleaning the toilet seat unit

The toilet seat unit should be cleaned regularly or immediately after soiling. If dirt is not cleaned regularly, it may become noticeable and difficult to remove.

Before cleaning the device's surface, ensure the power supply is disconnected. Do not submerge the device or power plug in water or detergent solution, as this may cause a short circuit, electric shock, or fire.

Note: Improper cleaning may lead to discoloration, yellowing, or peeling of the paint coating.

- Do not use abrasive cleaning agents or cleaning agents containing chlorine or acids.
- Only use cleaning agents and equipment that are suitable for this device.
- Follow the detergent usage instructions.
- Do not mix detergents.

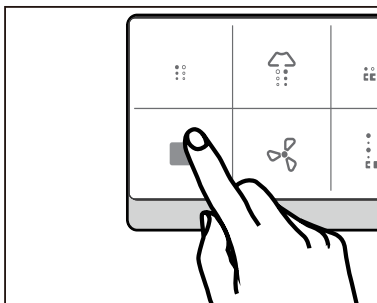
Wipe with a soft damp cloth. An ideal product for daily care is a solution of neutral soap.

4.2 Cleaning the nozzles

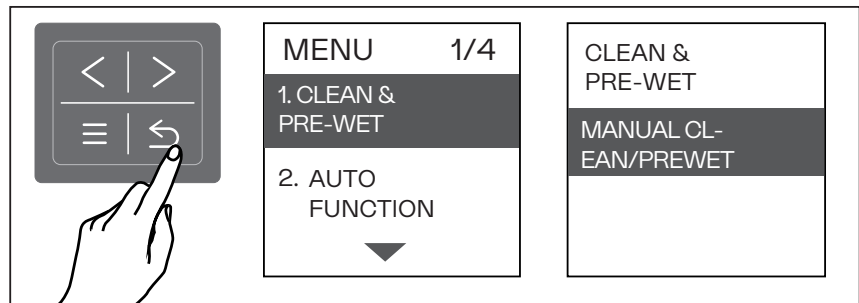
Before and after each use, the nozzle will automatically retract for self-cleaning.

- Manual nozzle cleaning.

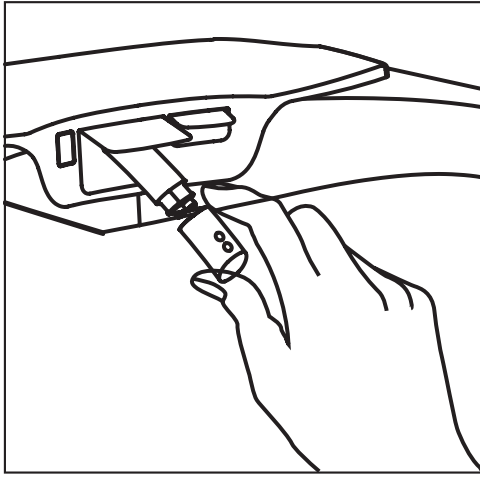
Nozzles should be cleaned regularly or immediately after any visible soiling.



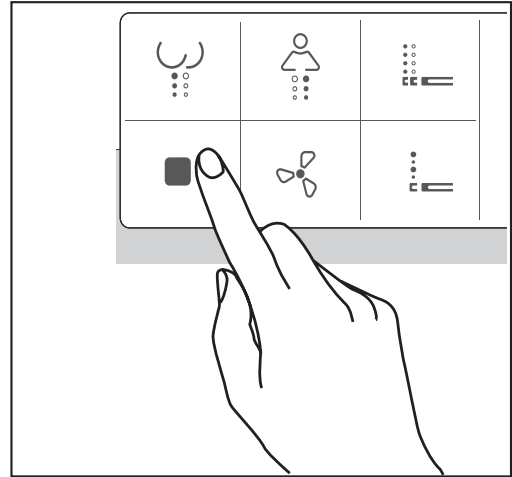
1. Press the Stop button to make sure the toilet seat is on standby.



2. Select the CLEAN & PRE-WET option from the menu, and check the MANUAL CLEAN/PREWET option, after which the nozzle will extend without releasing water.



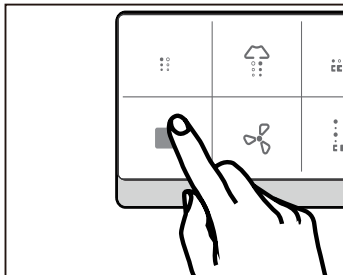
3. Remove the spray head and clean it with a cloth, sponge, or brush dampened with a neutral detergent.



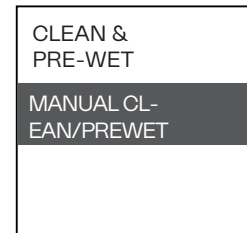
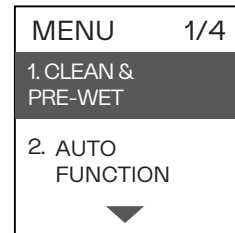
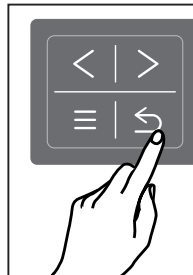
4. Reattach the cleaned spray head, press the "Stop" button on the front of the remote control, and the operation will be completed, and the nozzle will retract.

4.3 Enabling and disabling pre-wetting

The initial setting for the pre-wetting option is "ON". You can turn off the pre-wetting function by following the procedure below:



1. Press the Stop button to make sure the toilet seat is on standby.



2. Select the CLEAN & PRE-WET option from the menu, and check the MANUAL CLEAN/PREWET option, after which the nozzle will extend without releasing water.

3. Press the "Stop" button, and the nozzle will retract. The pre-wetting function will turn off.

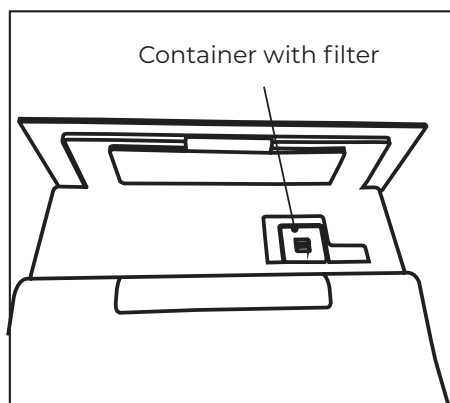
4. To turn the pre-wetting function back on, repeat the above steps.
(This operation is the same as cleaning the nozzle and spray head).

4.4 Cleaning the remote control

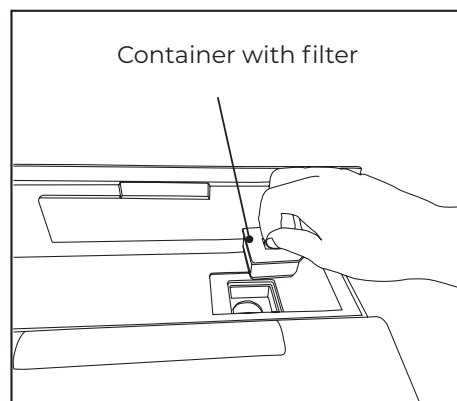
The remote control and its holder should be cleaned with a soft, damp cloth.

4.5 Cleaning the filter device

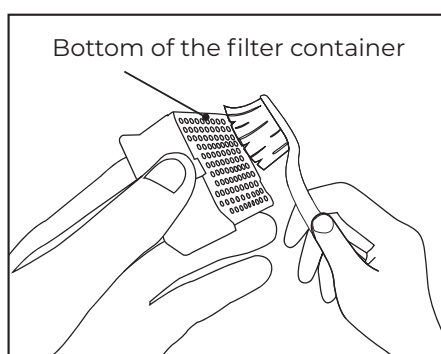
1. When too much dust accumulates on the filter container, the amount of air being drawn in decreases. To remove dust, use a toothbrush or another small brush. The specific operations as follow:



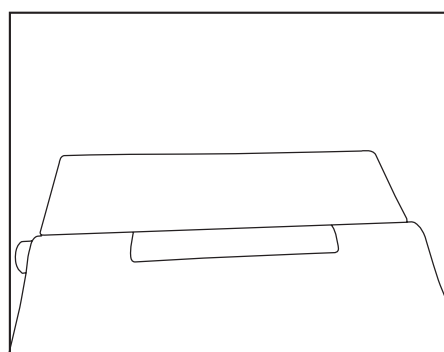
1. Open the glass cover at the back of the device.



2. Remove the filter container.



3. Clean the bottom of the filter container of dust and paper lint with a toothbrush or another small brush.

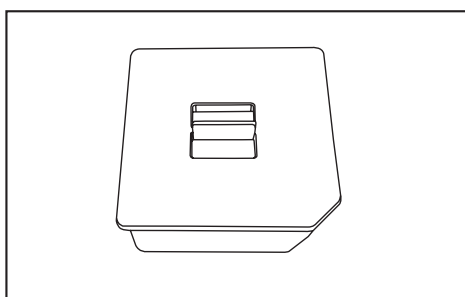


4. Place the cleaned filter container back into the recess and close the glass cover.

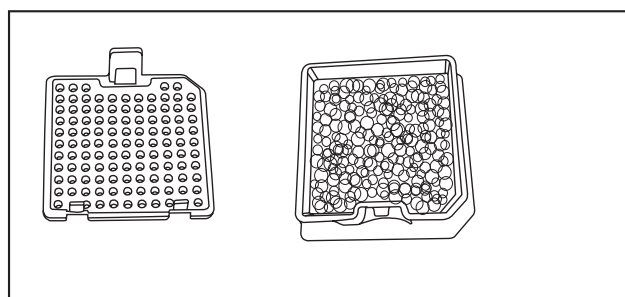
Do not wash the filter container with water, as this will cause the deodorizing effect to diminish. Placing the filter container in the sun for a few hours will help extend the deodorizer's lifespan.

2. If an unpleasant smell persists after cleaning the filter container and the deodorizer suction port, the filter should be replaced.

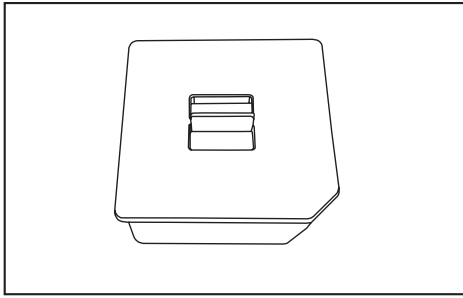
The specific operations as follow:



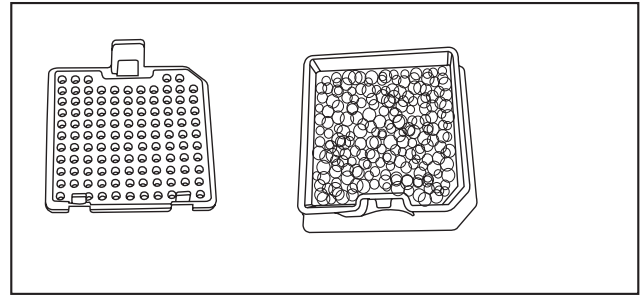
1. Remove the filter container located on the back of the toilet.



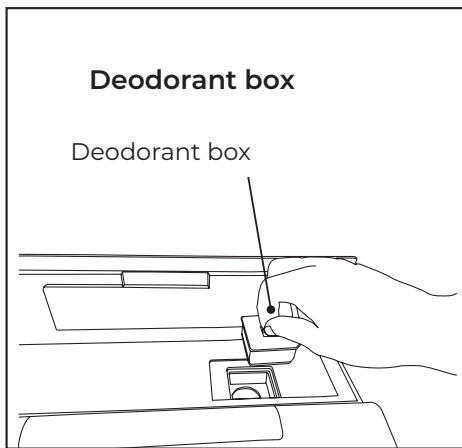
2. Open the filter container.



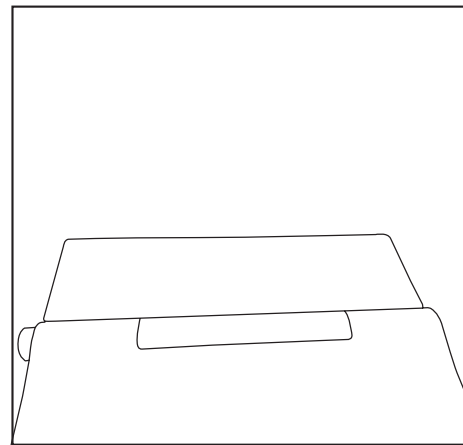
1. Remove the filter container located on the back of the toilet.



2. Open the filter container.



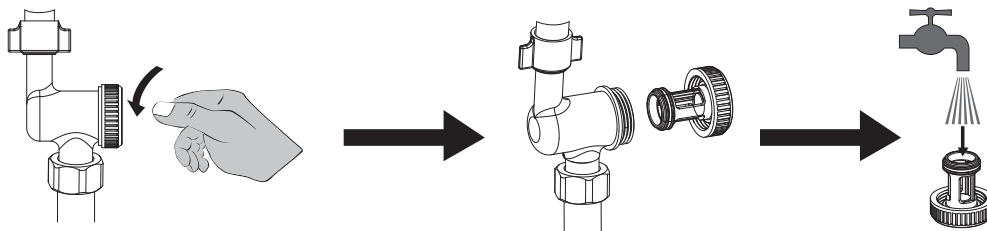
3. Place the container with the new deodorant back into the recess of the device.



4. Close the glass cover.

4.6 Cleaning the filter unit

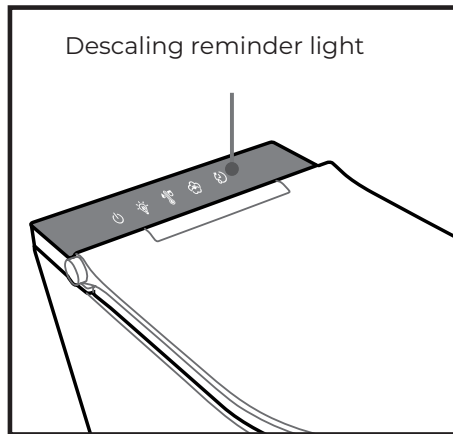
After some time of use, manual cleaning of the filtering unit is required. Below are the instructions:



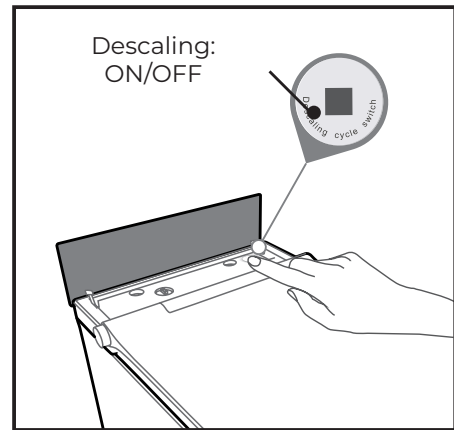
4.7 Descaling

Due to the varying hardness of water, scale may accumulate over time. However, every three months, the following descaling procedure should be carried out:

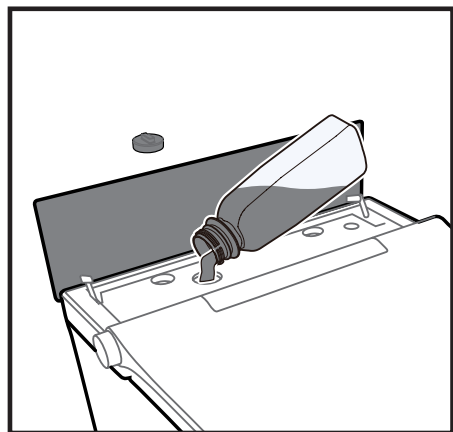
Descaling Tip: The descaling indicator light on the glass panel flashes.



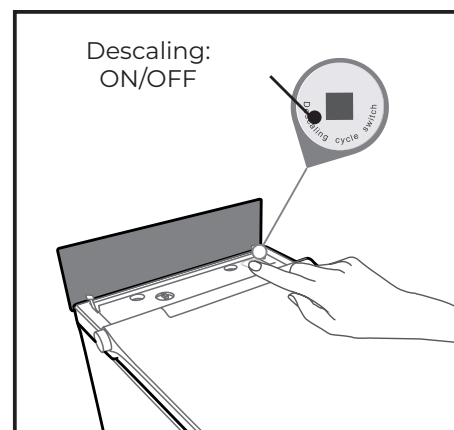
1. Open the rear glass cover.



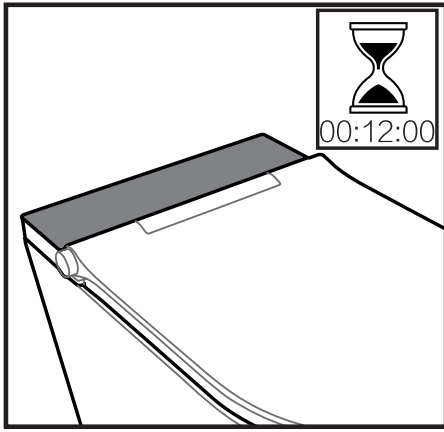
2. Press the descaling button and drain the water from the tank. During the draining process, the nozzle will self-clean, and intermittent beeping will occur. If used incorrectly, the system can be reset by turning off the power and restarting the device.



3. After emptying the water tank, the beep sound will stop. At this point, pour the descaling solution (a solution typically used for descaling coffee machines is recommended). The maximum amount of descaling solution is: $V_{\max} \leq 250 \text{ ml}$.



4. To start the descaling cycle, press the descaling button again.



5. During the descaling process, the status indicator light will flash. After 12 minutes, descaling will be completed, and the status indicator will light up normally.

Note: The descaling solution must be purchased by the user. It is recommended to purchase descaling liquid used for coffee machines (this should only be used for descaling calcium scale and should not be used for any other purpose. It should also not be given to children for play).

4.8 Waste disposal

Electrical and electronic devices may contain harmful or hazardous substances. They must not be disposed of with mixed municipal waste. They should be delivered to a designated collection point. By doing so, you can help protect natural resources and the environment. For more information, please contact the seller or local authorities.

Used batteries should be disposed of in the proper manner. In stores that sell batteries and at waste collection points, containers for batteries with the appropriate labels are available.

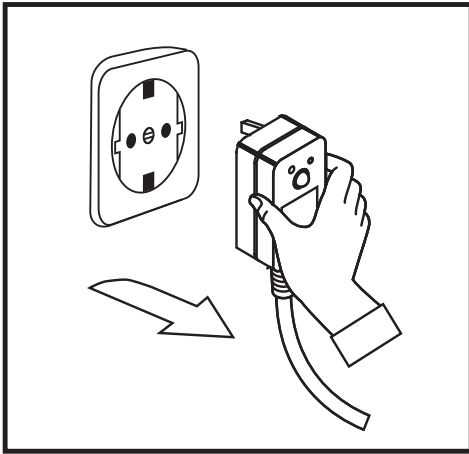
To avoid the risk of suffocation or other hazards, children should not be allowed to play with plastic bags and product packaging. Such packaging materials should be stored in a safe place or disposed of in an environmentally friendly manner. If possible, packaging materials should be kept until the end of the warranty period.

4.9 Product maintenance

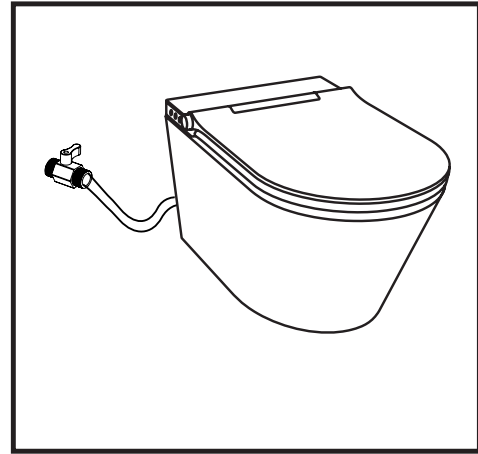
In the following cases, you should close the water inlet valve and disconnect the hose to drain the water:

- When there is a risk of water freezing in cold rooms.
- If the toilet will not be used for a long period of time.

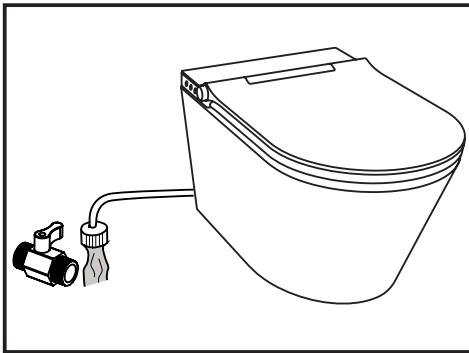
Otherwise, there may be skin infections caused by the deterioration of standing water.



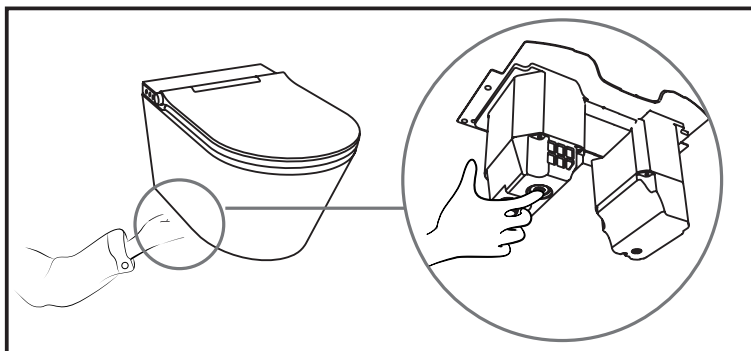
1. Turn off the power and unplug the device.



2. Close the valve and shut off the water supply to the system.



3. Disconnect the water supply hose from the water inlet valve and drain the water from the hose.



4. Water quality may vary depending on the location. The water tank should be cleaned regularly. Accumulation of dirt can restrict water flow. (Regular cleaning is recommended every 2-6 months). To clean, drain the water from the tank by pressing the drain button under the water tank (as shown in the figure).

4.10 Winter maintenance

If freezing is a risk (e.g., during winter), take the following preventive actions to avoid damage to the hose or toilet due to freezing:

- a. Increase the room temperature.
- b. Close the inlet valve and drain the water from the supply hose.

Chapter 5 Troubleshooting

Tip:

If the device malfunctions, first perform the following basic operation:

Turn off the main power to the device, then turn it on again after at least 3 minutes.

If the device still does not function properly after following the instructions below, contact the customer service center or the retailer.

Symptom	Possible cause	Solution
Basic functions		
Device not working	Power failure	Wait for the power to be restored
	Loose plug or no contact	Secure the plug to restore power
	Ground fault interrupter switch on the power cord is off	Press the ground fault interrupter switch on the power cord
	Device in standby mode	Turn the device on
Water leakage	Device malfunction	Turn off the water supply Disconnect the power Call the customer service hotline
Remote control		
While the device is operating, the indicator light on the remote control keeps flashing	Batteries are low	Replacement battery

Symptom	Possible cause	Solution
Remote control not working	Batteries not inserted	Insert batteries
	Batteries are depleted	Replacement battery
	Incorrect battery polarity	Insert batteries correctly
	Remote control is damaged	Call Customer Service Hotline



WARNING

Do not attempt to disassemble, repair, or modify this device yourself.

Doing so may result in electric shock, fire, or device malfunction.

Symptom	Possible cause	Solution
Standard wash / Front wash		
Switching between posterior and feminine wash takes some time.	During the switch, the nozzle retracts for self-cleaning before extending again.	Normal
Washing nozzle does not extend	Water inlet hose bend	Eliminate the kink in the water supply hose Call the customer service hotline
No water spray for washing	No water supply in the system	Wait for water service to be restored
	Inlet shut-off valve is closed or clogged	Open or clean the inlet valve
	Water inlet hose bend	Eliminate the kink in the water supply hose Call the customer service hotline
	Nozzle blocked	Clean the nozzle

Symptom	Possible cause	Solution
Abnormal water spray	Device malfunction or incorrect operation	Turn the power off and back on after waiting for one minute. If the issue persists, contact customer service.
Water spray intensity is too weak	Spray intensity set to level 1	Increase intensity to level 2, 3, 4, or 5
	Nozzle blocked	Clean the spout
	Inlet filter is clogged	Clean the pressure-reducing valve filter
	Water supply hose is deformed	Call Customer Service Hotline
Water temperature is too low	Water temperature is set to "Off" or level 1	Increase temperature to level 2, 3, 4, or 5
Water temperature is too high	Water temperature is set to level 5	Lower it to level 1, 2, 3, or 4
Nozzle suddenly stops spraying water	The function automatically turns off after 3 minutes	Normal
Water drips after the nozzle retracts	The nozzle automatically cleans itself before and after each use	Normal
Drying		
No response from the device	The sensor does not detect a user	Adjust your sitting position or posture
Warm air temperature is too low	Drying temperature is set to level 1	Increase it to level 2, 3, 4, or 5
Warm air temperature is too high	Drying temperature is set to level 5	Lower it to level 1, 2, 3, or 4

Symptom	Possible cause	Solution
Deodorization		
The effect of odor control is not satisfactory	Dust clogging	Clean the deodorant box
Deodorization produces loud noise	Dust clogging	Clean the intake opening of the deodorant box

In the following cases, contact a service center.

After unplugging and reconnecting the power cord, the indicator light on the toilet body continues to blink. (In this case, unplug the power cord from the outlet)

After unplugging and reconnecting the power cord, the indicator light on the toilet body still does not turn on.

Smoke or unusual sounds appear. (In this case, unplug the power cord from the outlet)

Chapter 6 Technical specification

Model		ME4010
Power		1200W
Water supply connector		G1/2XG1/2
Ball valve		G1/2XG3/8
Electrical power supply		AC 220~240 V 50/60 Hz
Cord length		1.8 m
Permissible water pressure range		0.07 ~ 0.75 MPa (0.7 ~ 7.5 bar)
Inlet water temperature		4 ~ 30 °C
Ambient temperature		4 ~ 40 °C
Waterproof grade		IPX4
Washing device	Washing jet intensity	550÷750 ml/min
	Washing water temperature	Off, 32 ~ 40°C
	Washing cycle	3 min
	Warm water heating method	Instant water heater
	Maximum heating power	1400 W
	Backflow prevention	Air gap siphon
	Safety device	Temperature fuse, level switch, thermostat
Drying device	Minimum airflow intensity	0.2 m³/min
	Maximum heating power	230 W
	Drying cycle	4 min
	Adjustable warm air temperature	Off, 40 ~ 60°C
	Safety device	Temperature controller, thermal fuse
Odor control method		Bamboo charcoal filter
Net weight		32 kg
Dimensions		600*385*400 mm

The final interpretation of this manual is at the discretion of the company.

Products may be subject to change without prior notice.

Thank you
for choosing our company

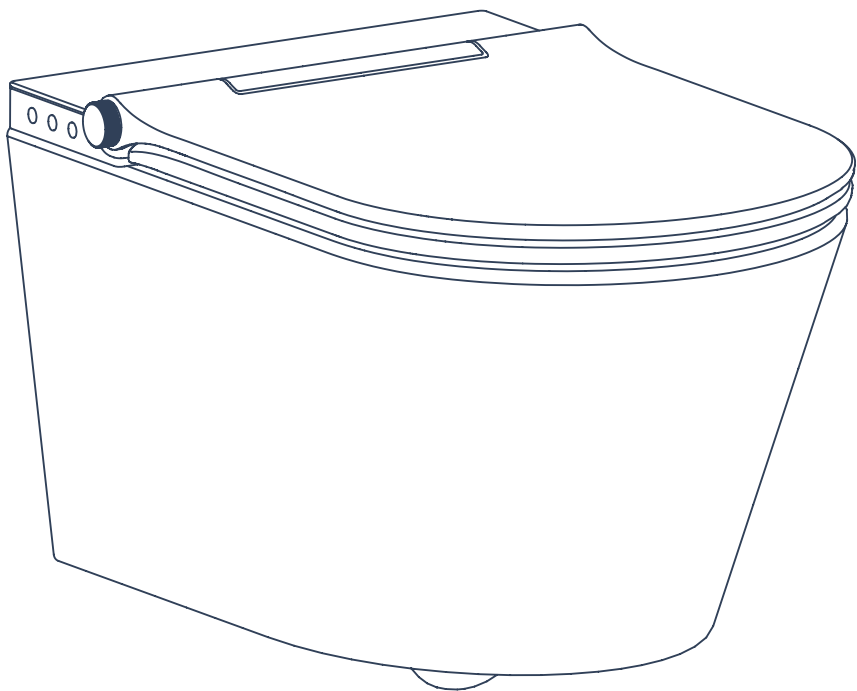
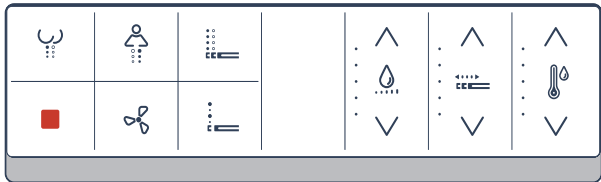
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WARRANTY CARD

Intelligent Toilet **SmartFrisk**



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Product name	Oltens SmartFrisk	Purchase date	
Vendor details		Proof of purchase no.	
Product serial number	42038000	Date of installation	
Details of the service technician / installer		Signature of the service technician / installer	

SmartFrisk - Intelligent toilet (42038000)

Manufacturer: **Oltens 1 Sp. z o.o.** ul. Karola Marcinkowskiego 16; 63-200 Jarocin provides warranty under the following conditions:

1. Warranty period (calculated from the date of purchase) for Oltens SmartFrisk:

- 120 months for ceramic properties (glaze color, cracking)
- 24 months for the rest of the Oltens SmartFrisk wash bowl (valves, hoses, electronic parts, toilet seat) - free warranty
- 36 months for the remaining components of the Oltens SmartFrisk washing toilet (valves, hoses, electronic parts, toilet seat) when installed and configured by an Oltens Authorized Service Provider - to obtain an extension of the warranty, you must submit a form at <https://oltens.com/pl/kontakt/> Subject: Installation of the SmartFrisk washing toilet. Installation and configuration are subject to an additional fee.

2. Warranty terms and conditions for Oltens SmartFrisk:

- 2.1 The buyer is obliged to familiarize themselves with and adhere to the installation instructions, warranty conditions, and usage guidelines (as outlined in section 4 of this Warranty Card).
- 2.2 The manufacturer is not liable for damages and defects resulting from materials used by the buyer for the installation of the product, if these materials were not provided directly by the manufacturer. The buyer chooses these materials at their own risk and responsibility.
- 2.3 The manufacturer is not responsible for damages or defects in products that are included with the product but were not manufactured by the manufacturer.
- 2.4 The product should be checked for visible or detectable defects before installation. If detectable defects are found, the product should not be installed, and the defects should be reported following the complaint procedure (<https://oltens.com/pl/reklamacje-i-zwroty>).
- 2.5 Despite the warranty, the product is not covered if defects arise due to:
 - Willful damage or negligence;
 - Accident, fire, flood, explosion, or other force majeure events affecting the product;
 - Faulty installation or installation that does not follow the provided instructions or applicable regulations;
 - Failure or damage caused by connecting the device to an incorrect power source (voltage, frequency) that does not comply with the instructions;

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- Contamination or damage caused by using chemicals other than descaler in the product's tank or by introducing contaminated water.
- Usage that does not comply with the installation instructions or usage guidelines;
- Damage caused by improper storage, transport, or maintenance with corrosive or granular materials;
- Mechanical, physical, or chemical damage caused by external forces and agents;
- Damage caused by deposits of scale or iron buildup;
- Unauthorized structural changes or modifications;
- Use of non-original spare parts;
- Exposure to freezing temperatures;
- Misuse or use not in accordance with the intended purpose.
- Natural wear and tear;

3. Rules for handling complaints:

- 3.1 The basis for processing a complaint is proving the product's purchase date (e.g., based on a receipt or invoice) and having the completed Warranty Card and Service Card for the product.
- 3.2 Complaints must be submitted within the warranty period.
- 3.3 Complaints should be submitted directly at the point of purchase or electronically through the complaint form available at <https://oltens.com/pl/reklamacje-i-zwroty>.
- 3.4 The manufacturer, at its discretion, will either repair or replace the defective product.
- 3.5 To process the complaint, the manufacturer must be notified of the defect within 7 days from the date the Buyer detected or should have detected the defect during the warranty period.
- 3.6 Complaints will only be considered upon presenting proof of purchase along with the Warranty Card. In the case of electronic submission, these documents will be verified by the service technician when processing the complaint.
- 3.7 The complaint will be processed within 14 days from the date of submission.
- 3.8 Defects found during the warranty period will be repaired within 21 days from the date the complaint is acknowledged. The decision on the repair method will be made by the Authorized Oltens Service. If a replacement is made under warranty, only parts recommended and supplied by the manufacturer will be used. The replaced parts become the property of the manufacturer.
- 3.9 The warranty period will be extended by the time between the complaint submission date and the completion of the repair.
- 3.10 The manufacturer is not responsible for any costs the Buyer incurred for third parties due to the defective product, unless accepted by the manufacturer.
- 3.11 In case of warranty approval, the manufacturer is committed to repairing or replacing the product free of charge.
- 3.12 The product submitted for complaint should meet basic hygiene standards.
- 3.13 The warranty only covers manufacturing defects.

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4.Usage guidelines necessary to maintain the warranty:

- 4.1 The product should be installed according to the included or available instructions on the website oltens.com, and in the case of extended warranty, it must be installed and configured by an Authorized Oltens Service.
- 4.2 The product should be used according to the provided user manual.
- 4.3 The water pressure in the building's plumbing system should be at least 0.7 bar and not exceed 7 bars.
- 4.4 If defective parts need to be replaced, only original parts from the manufacturer should be used.

5.Notes:

- 5.1 The warranty does not exclude, limit, or suspend the Buyer's rights under statutory warranty.
- 5.2 If a manufacturing defect is found, the Buyer is obliged to take all necessary steps to limit any potential damage resulting from the defect.
- 5.3 The warranty applies within the country where the product was purchased.
- 5.4 Please keep the warranty card. The warranty card is not reissued. In case of warranty extension, the warranty card must be filled out by the Authorized Oltens Service and kept for the duration of the warranty.
- 5.5 Only Authorized Oltens Service technicians or the seller may fill in the warranty card.
- 5.6 A correctly completed warranty card should contain:
 - product name
 - product serial number
 - purchase date
 - vendor details
 - proof of purchase number
 - installation date
 - details of the service technician / installer
 - signature of the service technician / installer

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SERVICE CARD			
Service date	Scope of service	Service technician's details	Service technician's signature