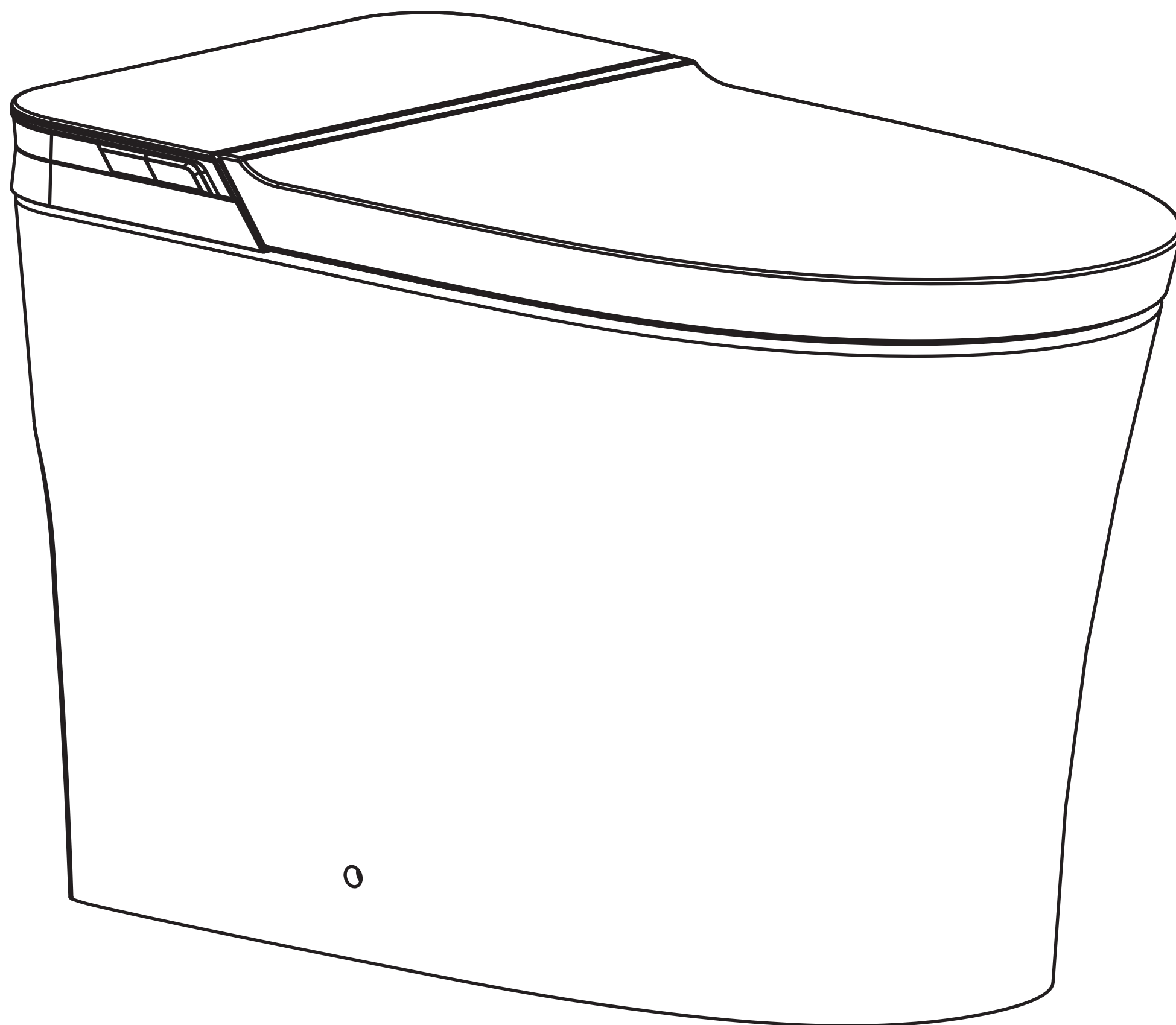


Installation and User Manual

DeerValley®

Smart Toilet (DV-1S0290-V3)



NOTE: Drawings may not exactly define contour of the product.



Before Installation :

- Unpack the product, check all components against the packing list, and contact customer service if anything is missing or damaged.
- Make sure the installation area has a water supply, power outlet, and a clean, level surface.
- Avoid installing the toilet in areas with direct sunlight, freezing temperatures, or high humidity, and disconnect any existing unit before starting.
- For best performance and warranty protection, have the product professionally installed, follow all local codes, and do not modify the unit.
- Use appropriate tools and personal protective equipment during installation.

General Recommendations:

Before installation and use, please read the instructions and accompanying illustrations carefully. Please note that the actual product may differ slightly from the illustrations provided.

**If you have any questions or concerns,
please contact us:**

(312) 626-9466
service@deervalleybath.com

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Chapter 1 Safety Precautions

To avoid injury, death, or property damage, please read the **Safety Precautions** carefully before use.



Serious injury or death may result if this warning is ignored.

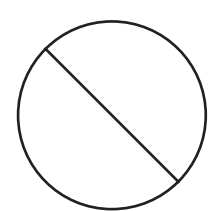


Personal injury or property damage may result if this warning is ignored.

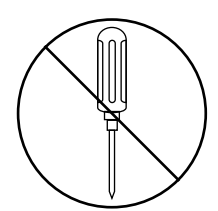
Explanation of Safety Symbols



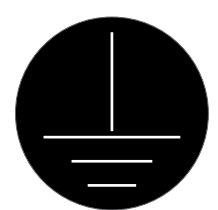
This sign indicates mandatory actions that must be followed.



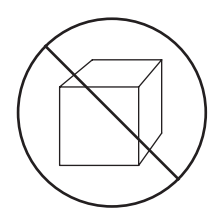
This sign indicates prohibited actions that are not allowed.



This sign indicates that disassembly or unauthorized modification of the product is strictly forbidden.



This sign indicates that the product must be connected to a grounding wire.



This sign indicates that the product must not be immersed in water.



This sign indicates that the product must not be touched with wet hands.



This sign indicates that the product must be kept away from high temperatures and flammable objects.

NOTE: Drawings may not exactly define contour of the product.

To fully enjoy the functions of this product, please read this manual carefully, especially the safety precautions.

Keep this manual properly, and be sure to pass it along if you transfer the product to another user. All instructions in this manual are accurate at the time of printing, based on the latest technical specifications. We reserve the right to make changes due to ongoing product improvements.

1.1 Proper Use

This product is a smart toilet equipped with rear and feminine wash functions, and may also be used as a standard toilet.

It is intended for use in enclosed indoor spaces only. Any other usage will be considered improper. The manufacturer assumes no liability for damages caused by improper use.

1.2 User Requirements

This product should not be used by individuals (including children) with reduced physical, sensory, or mental capabilities, or by those lacking experience and knowledge, unless they are supervised. Children must not be allowed to play with this product.

1.3 Use Only When Fully Functional



Ensure the power cord is intact; if damaged, it must be replaced by the manufacturer, authorized service personnel, or a qualified technician.

Do not allow the power cord to become snagged or pinched.

Keep the cord away from hot surfaces and sharp edges.

Do not use the product if it malfunctions. Immediately disconnect the power, shut off the water valve, stop the water supply, and contact customer service.

Improper use may cause malfunction or damage—please stop use and consult customer service when needed.

1.4 Toilet Seat Usage

Connect cold water from the main supply using the new hose assembly provided; do not reuse old hoses.

NOTE: Drawings may not exactly define contour of the product.

The water inlet pressure range is 11 psi to 108 psi.

For fixed wiring, a tactile switch must be installed according to wiring regulations, ensuring complete disconnection under overvoltage Category III conditions.

The fixed power supply cord must have a conductor cross-sectional area of 1–2 mm² (17–14 AWG).

The grounding wire should be 10 mm (3/8") longer than the live (L) and neutral (N) wires.

Ensure the ground terminal of the electrical junction box is securely mounted to the wall before installation.

If the product is moved from a cold to a warm environment, condensation may occur—leave it powered off for several hours before use.

Do not intentionally dirty, block, or spray the nozzles.

Do not flush newspapers, diapers, sanitary napkins, or other items that may clog the toilet.

All maintenance must be performed by qualified professionals.

Do not use accessories that are not approved by the manufacturer.

1.5 Battery Usage



In case of battery acid leakage, avoid contact with skin, eyes, or mucous membranes. If contact occurs, flush the affected area with plenty of water and seek medical attention immediately.

Keep batteries out of reach of children. If swallowed, seek medical help immediately.

Do not attempt to reactivate, disassemble, burn, or short-circuit batteries.

Remove depleted batteries from the remote control immediately to prevent leakage and damage.

Refer to page 21 for battery replacement instructions.

Do not expose batteries to extreme conditions such as heat or direct sunlight, which may lead to leakage.

NOTE: Drawings may not exactly define contour of the product.

1.6 Other Safety Precautions



Individuals with disabilities or limited physical, sensory, or cognitive abilities (including children) must be supervised when using this product.

This product must be connected to a cold water supply with an inlet temperature between 39.2°F and 95°F (4°C–35°C). Using water outside this range may result in burns or product malfunction.

In case of any abnormalities or malfunctions, immediately disconnect the power supply, shut off the water valve, and discontinue use.

Abnormalities or malfunctions include:

- Cracked or damaged product
- Smoke emitting from the unit
- Unusual sounds or burning odor
- Excessive heat from the unit
- Water leakage from piping or internal components

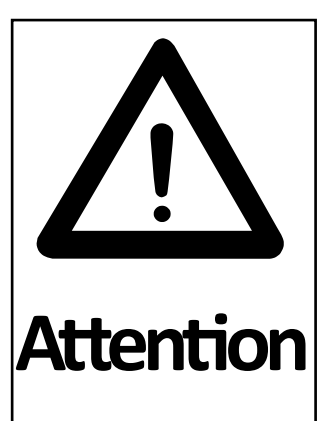
Continuing to use the product under these conditions may cause electric shock, fire, injury, or internal water damage.



Do not insert fingers or objects into or block the drying vents, as this may cause burns, electric shock, or component damage.

As an electrical device, do not install the product in areas prone to water exposure or high humidity.

Do not splash water, detergent, or other liquids on the product body, underside, or power plug to avoid electric shock, short circuit, or fire.



Do not lift the product by the lid or seat.

Do not open the lid or seat when an object is placed on top.

Failing to follow these instructions may cause product damage and potential injury.

Do not apply adhesive materials such as double-sided tape to the product surface, as this may damage the finish.

NOTE: Drawings may not exactly define contour of the product.

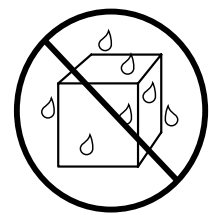


Warning

When using in the bathroom, make sure the power outlet is waterproof. Failure to use a waterproof outlet may lead to electric shock or fire, as exposure to moisture significantly increases the risk of electrical hazards.

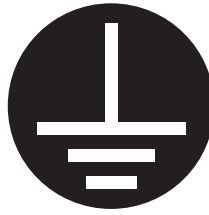


Warning



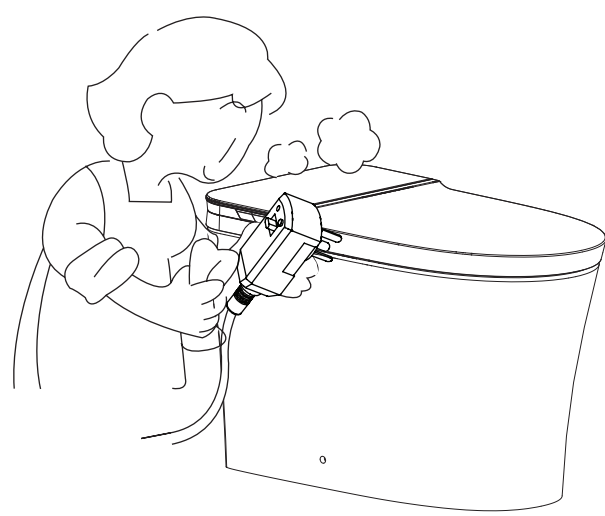
No Water Immersion

Use a splash-proof cover and do not pour water or detergent on the main body or power plug. Doing so may result in electric shock, fire, or product damage.



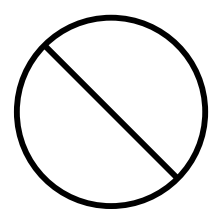
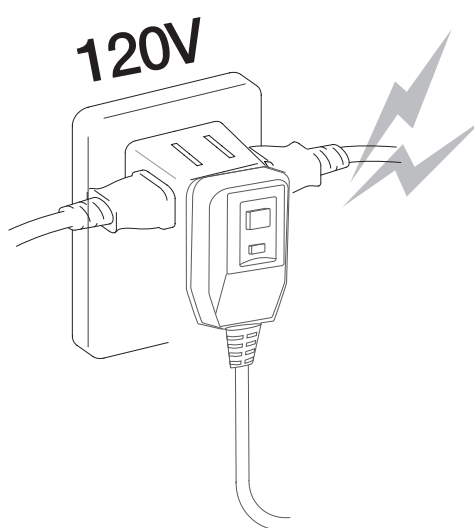
Connect the Grounding Wire

Ensure the power outlet is properly grounded. This product must be grounded and connected only to a dedicated 120V (60Hz), 15A circuit equipped with a ground fault circuit interrupter (GFCI) or an earth leakage protector.



Compliance is Mandatory

Unplug the power cord and clean it with a dry cloth. After removing dust from the plug, always insert it firmly into the outlet.



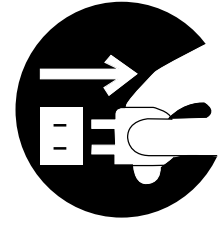
Overloading the Outlet is Strictly Prohibited

This product must be connected to a professional power distribution circuit using 120V (60Hz) AC only. Using an overloaded outlet may cause overheating or fire.

NOTE: Drawings may not exactly define contour of the product.

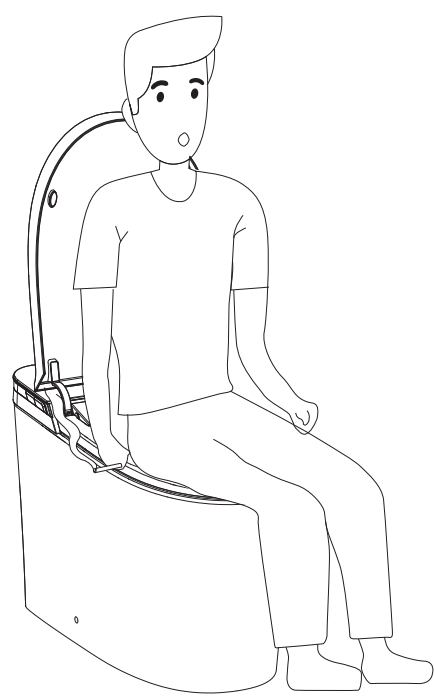


Warning



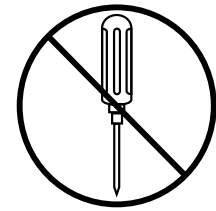
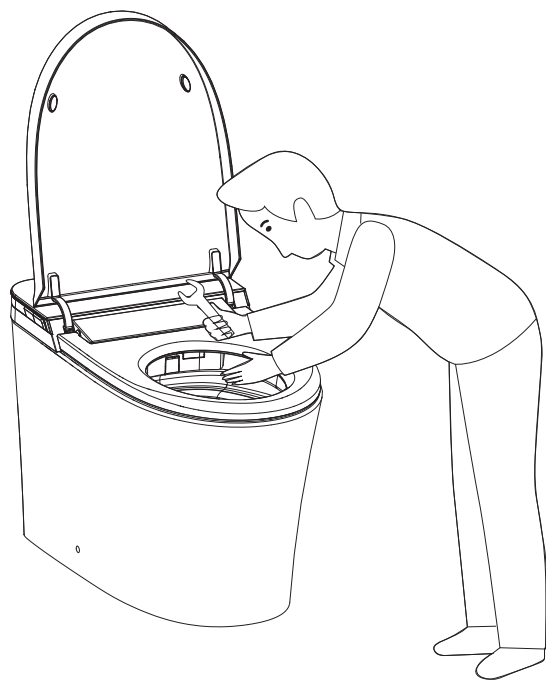
Unplug the Product

If the toilet will not be used for an extended period, drain the water inlet hose and unplug the power cord. Failure to do so may result in water contamination and potential skin infections.



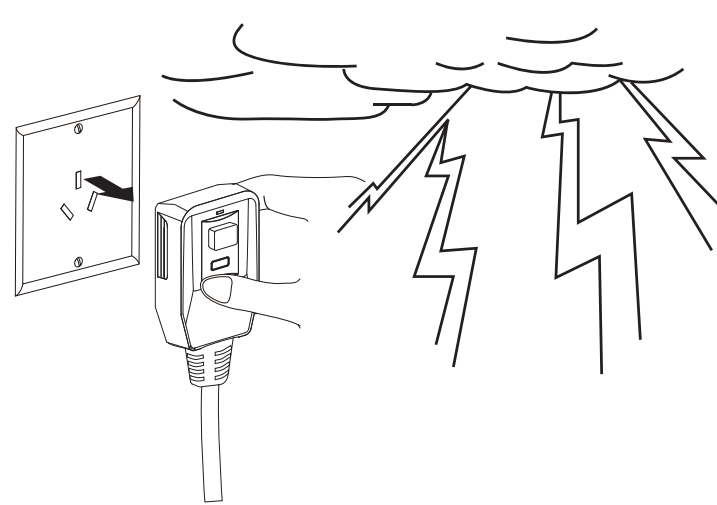
Keep Away from High Temperatures

Do not throw lit cigarettes or any burning materials into the toilet seat. Avoid placing hot or flammable objects near the product, as this may cause a fire.



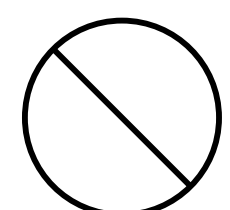
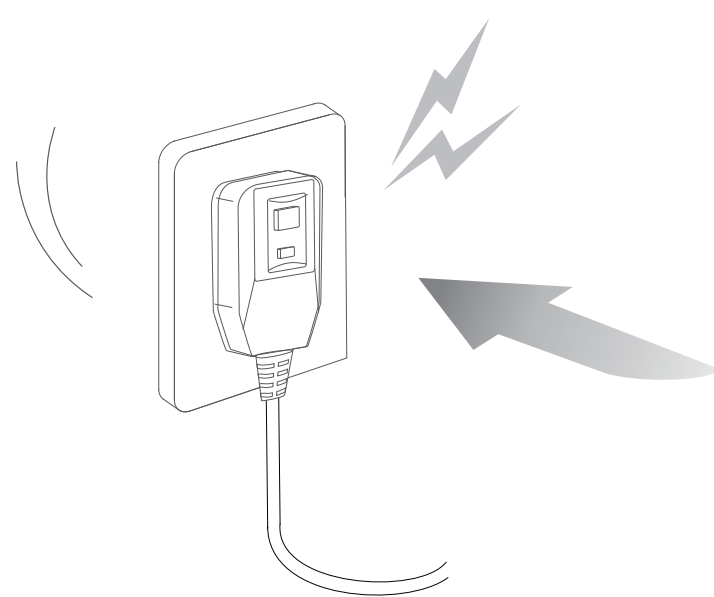
Do Not Disassemble

Do not disassemble, repair, or modify this product yourself under any circumstances. Improper handling may lead to fire, short circuit, or electric shock.



Unplug During Thunderstorms


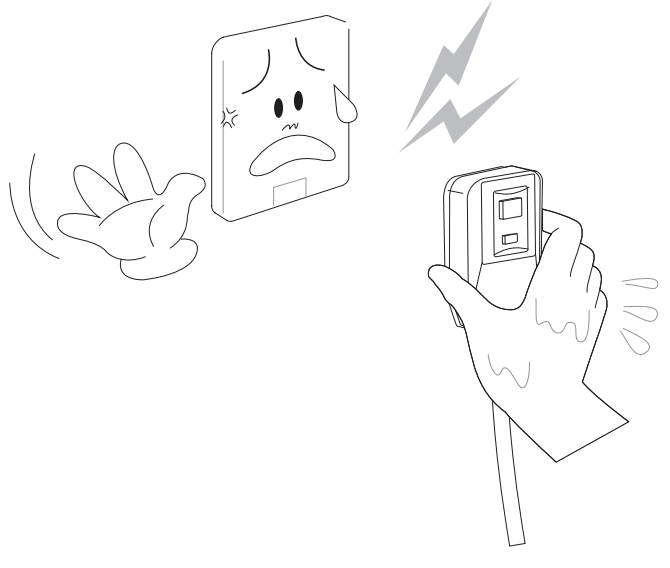

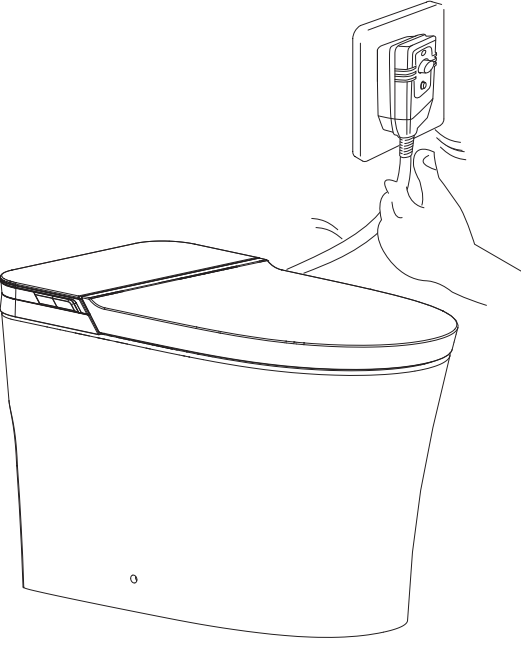
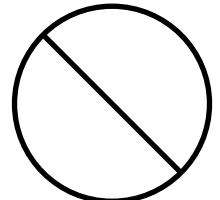
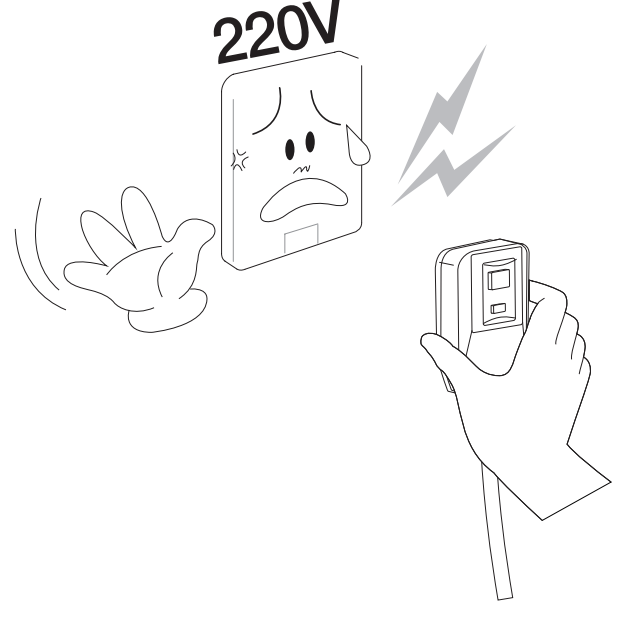
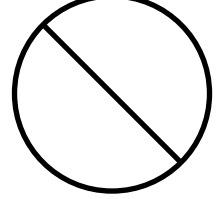

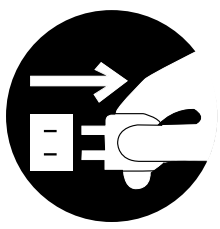
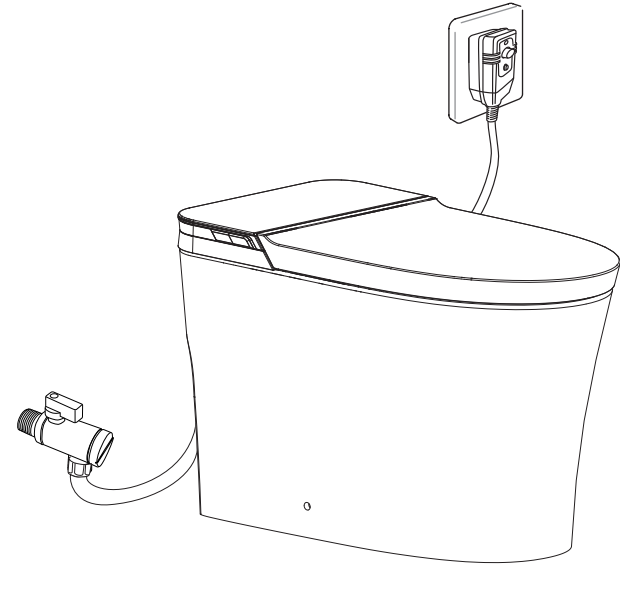

Always unplug the unit during thunderstorms to prevent the risk of electric shock.



Do Not Use Faulty Outlets

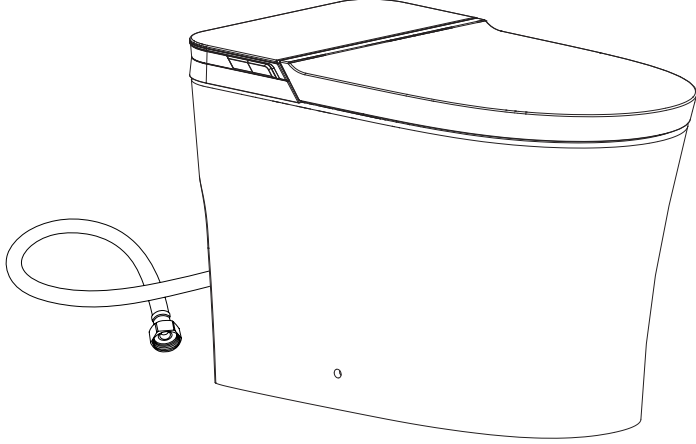
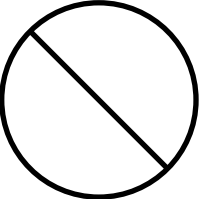

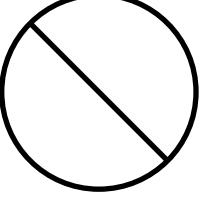

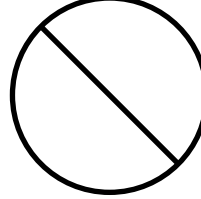
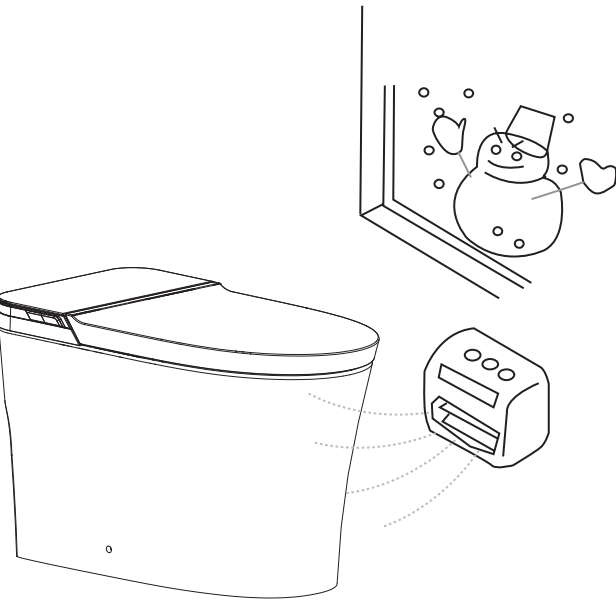
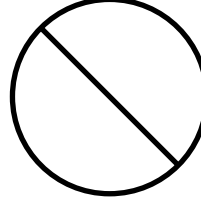
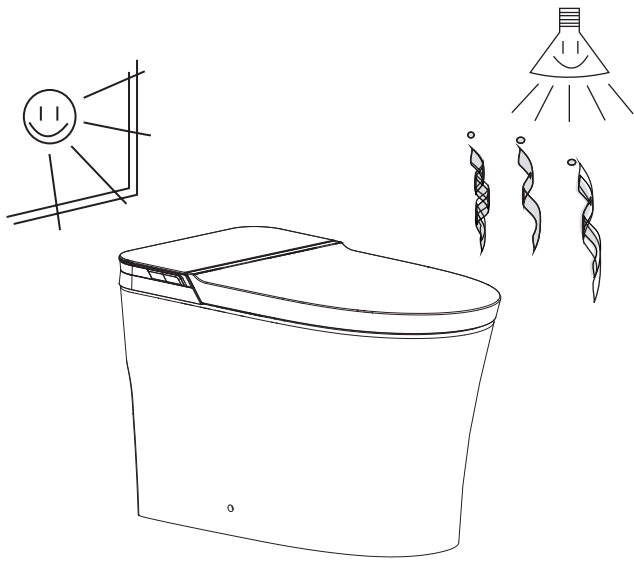
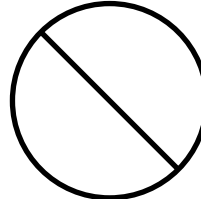
Avoid using loose or defective outlets, as this may result in fire or electric shock.

NOTE: Drawings may not exactly define contour of the product.

 Warning	
	<p> No Wet Hands</p> <p>Do not plug or unplug the power plug with wet hands. It may result in electric shock.</p>
	<p> Prohibit Pulling or Damaging Power Cord</p> <p>Do not pull or damage the power plug or power cord. It may cause fire, short circuit, and electric shock.</p>
	<p> Prohibit Use of Non-120V Voltage</p> <p>Do not use DC or AC voltage other than 120V. It may cause product failure.</p>
	<p> Pull Out the Plug</p> <p>Disconnect the power and unplug the product before removing or cleaning it. Otherwise, it may cause electric shock or fire.</p>
	<p> Compulsory Replacement of Damaged Power Cord</p> <p>If the power cord is damaged, it must be replaced by the manufacturer, customer service department, or professionals to avoid danger.</p>

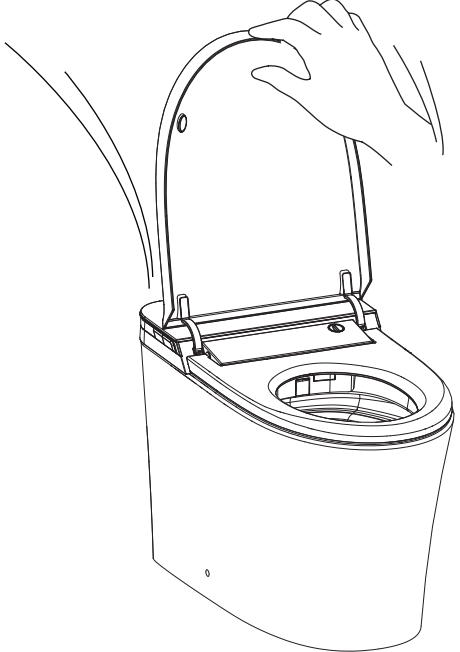
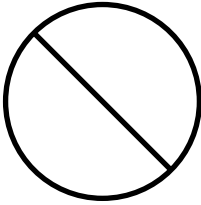

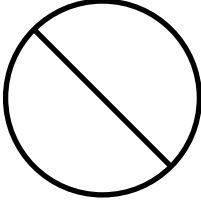

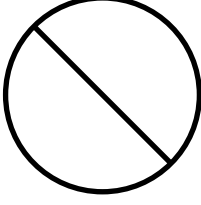
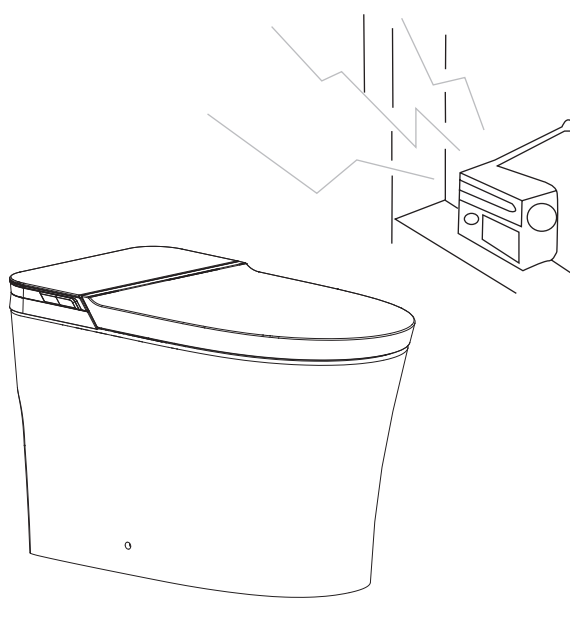
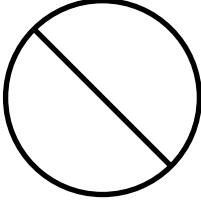
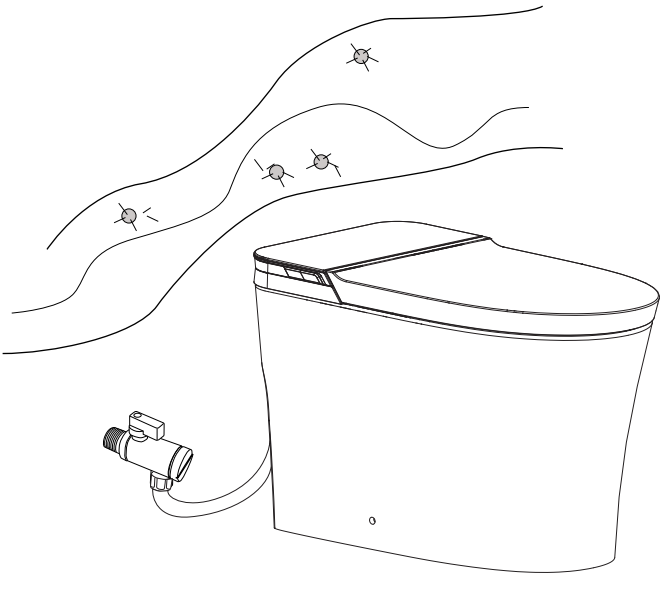
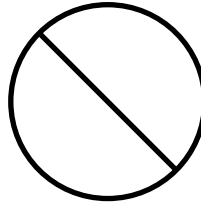
NOTE: Drawings may not exactly define contour of the product.

Attention

	<p> Do Not Bend or Damage Water Supply Hose</p> <p>Do not bend, twist, or damage the water supply hose. Otherwise, it may cause water leakage or poor flushing performance.</p>
	<p> Do Not Lean on Toilet Lid</p> <p>Do not lean on the toilet lid. It may damage the seat cover and cause injury.</p>
	<p> Keep Children Away from the Product</p> <p>Children should not play with this product. Otherwise, it may cause scalding, electric shock, fire, or injury.</p>
	<p> Do Not Install in Freezing Environments</p> <p>Do not install this product in rooms where frost may form. Indoor temperature must not fall below 39.2°F (4°C). This prevents freezing and damage to the product's technical components.</p>
	<p> Avoid Direct Exposure to Water and Strong Light</p> <p>Do not expose the product directly to water, strong light, or sunlight. Otherwise, it may cause fading and seat temperature instability.</p>

NOTE: Drawings may not exactly define contour of the product.

Attention

	<p> Do Not Slam Lid</p> <p>Do not close the lid and seat with force. Otherwise, it may damage the product.</p>
	<p> No Urine on Body or Nozzle</p> <p>Do not pour urine on the toilet main body or its nozzle. Otherwise, it may result in malfunction or stains such as pink or teal colors.</p>
	<p> No Harsh Cleaners</p> <p>Do not use the following items to clean this product: gasoline, banana oil, benzene, paint thinner, abrasive powder, or nylon brushes. They may damage the water inlet pipe or the product.</p>
	<p> Avoid Radio Interference</p> <p>Keep away from the product when using a radio. There may be interference.</p>
	<p> No Unsafe Water Sources</p> <p>Do not connect to any wastewater, mixed water, industrial water, seawater, or other untreated or semi-treated water. It may lead to a skin infection or malfunction.</p>

NOTE: Drawings may not exactly define contour of the product.

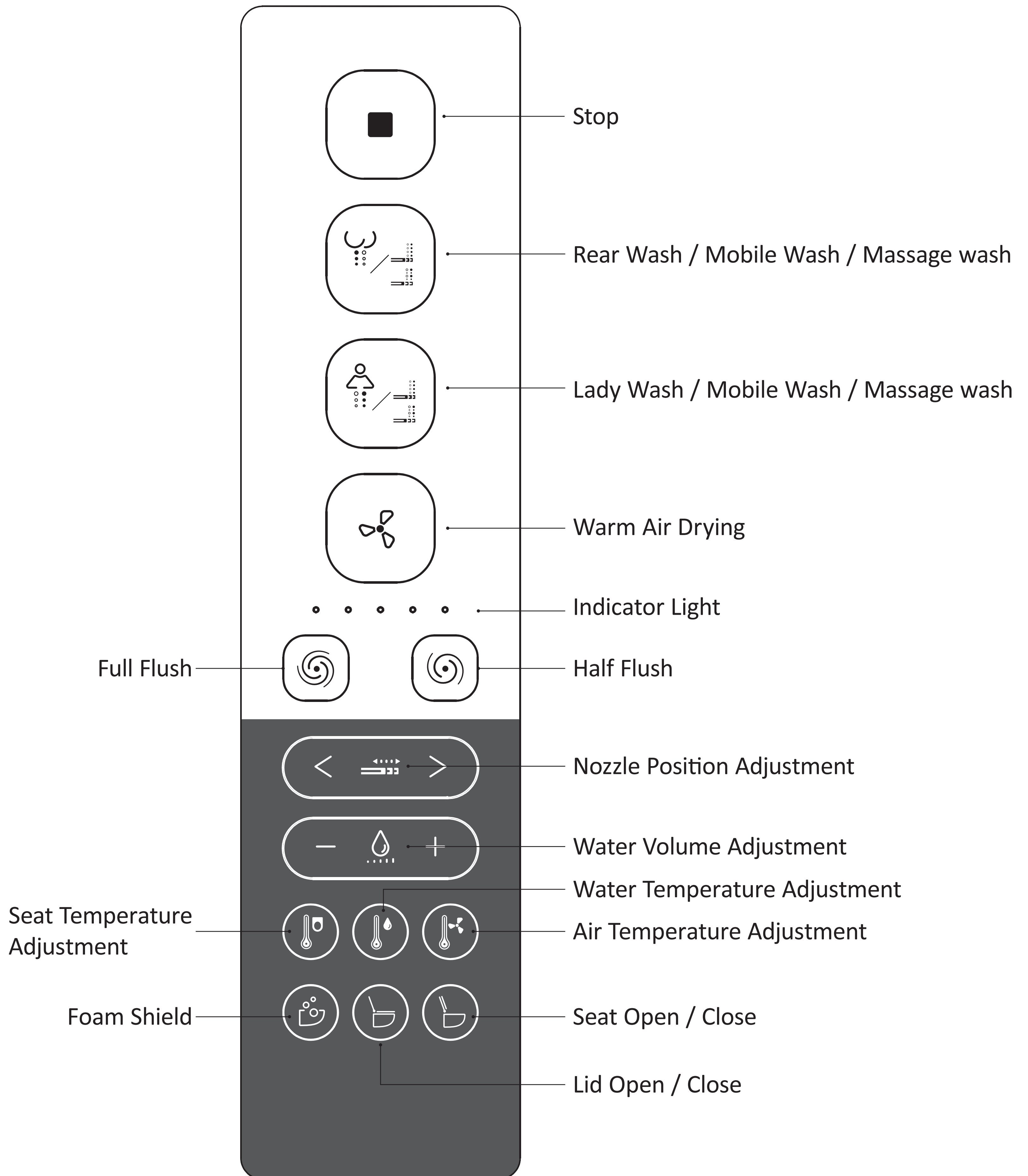
Chapter 2 Installation Instructions

2.1 Main Toilet Body





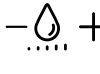










NOTE: Drawings may not exactly define contour of the product.

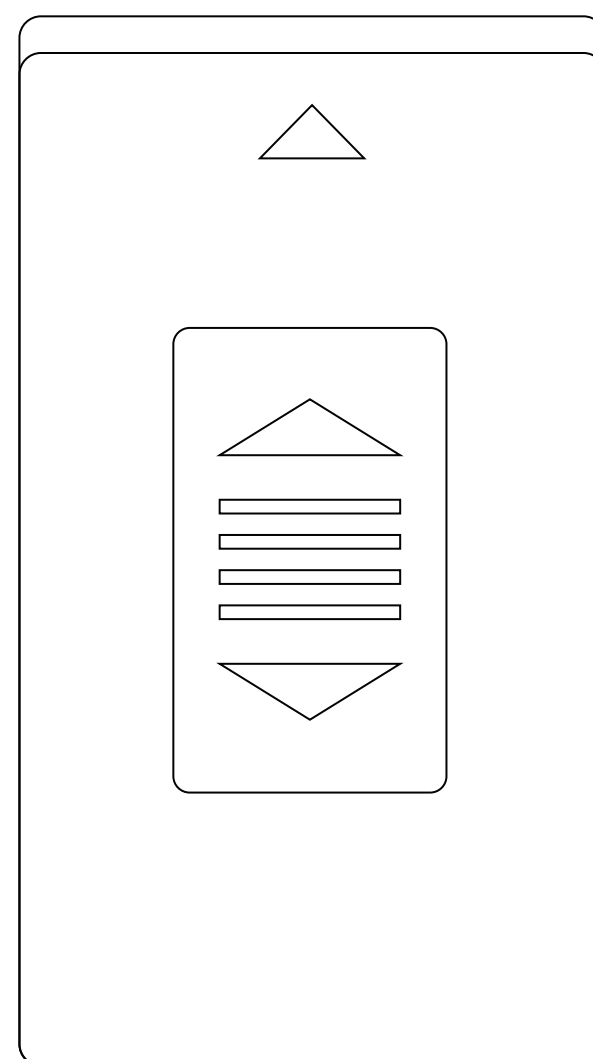
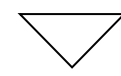
2.2 Remote Control Key Diagram



NOTE: Drawings may not exactly define contour of the product.

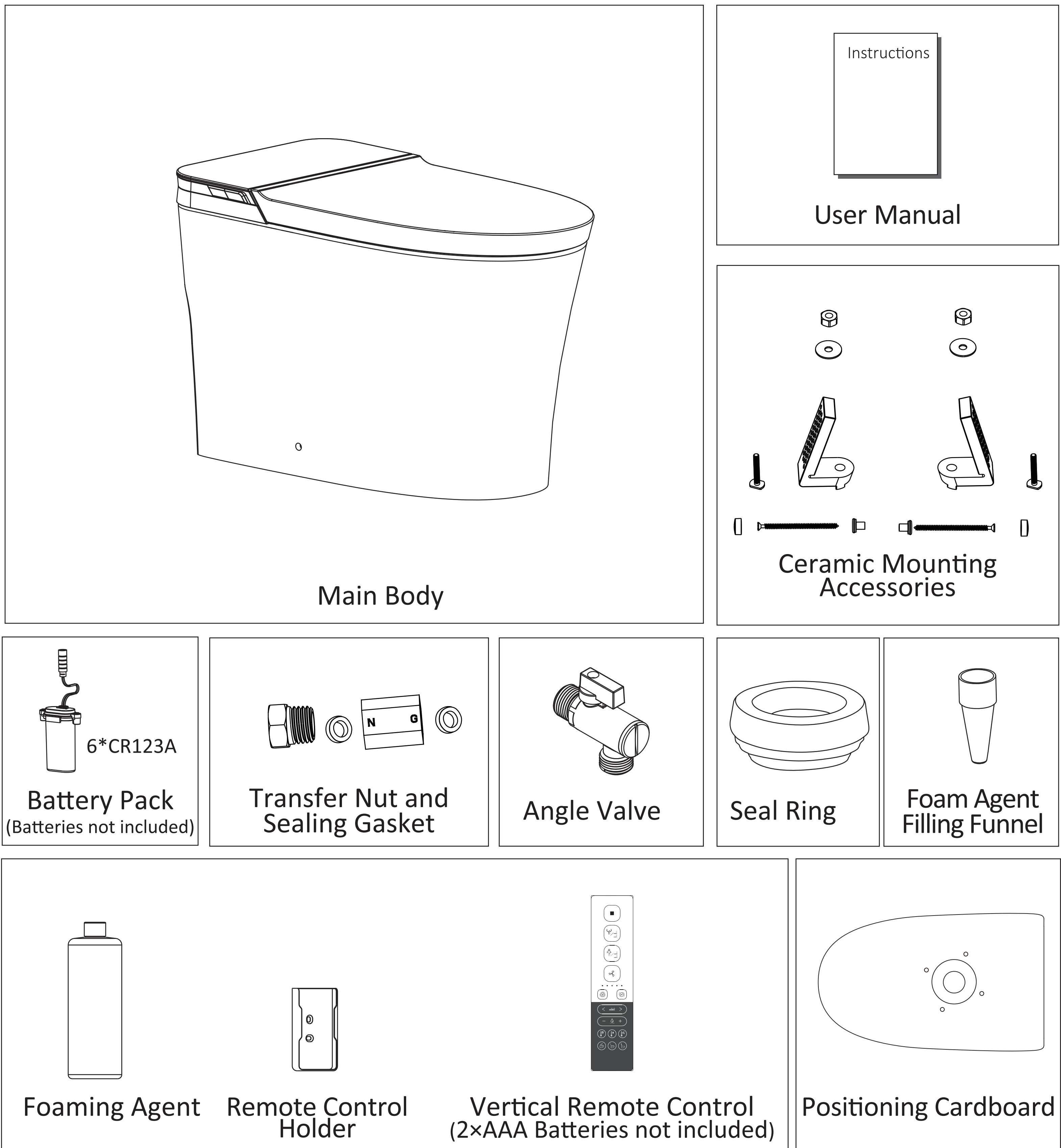
Press two buttons at the same time, you are available to turn ON/OFF some functions. Below are the details:

- +  Auto open ON/OFF
- +  Eco mode ON/OFF
-  +  Night light ON/OFF
- +  Sound ON/OFF
- +  Auto foam shield ON/OFF
- +  Nozzle clean/replacement
- +  After flush ON/OFF
- +  Foot sensor ON/OFF
-  +  Pre-wet ON/OFF
- +  Auto deodorization ON/OFF
- +  °F and °C switch



NOTE: Drawings may not exactly define contour of the product.

2.3 Package Contents



⚠ Attention for Remote Control Installation

*Please ensure the toilet seat is installed before installing the remote control and pairing the code.

NOTE: Drawings may not exactly define contour of the product.

2.4 Important Notes for Installation

About Installation Instructions

This installation instruction guides the correct installation of the smart toilet. Please read it carefully before installation.

Signs and Their Meaning

 Failure to avoid hazards may result in serious injury or even death.

 “Attention” indicates operational practices unrelated to physical harm.

Read the installation instructions in this chapter carefully.

This smart toilet and related water pipes must be installed by qualified plumbers. Electrical installation must be performed only by qualified electricians.

Safety Instructions

Attention: Product or Performance Damage

* Be sure to comply with your country's standards and local installation regulations.

Attention: Product Damage Caused by Water Freezing

* It is prohibited to install the smart toilet in a room at risk of frost.

The minimum room temperature should not be less than 39.2°F (4°C).

* If installing in a low-temperature area, keep the toilet indoors for 24 hours before installation.

Attention: Product Damage Caused by Moisture Condensation

* When moving the smart toilet from a low-temperature environment to a high-temperature environment, disconnect the power supply for a few hours.

Do not remove separate components.

Danger: Fatal Electric Shock Hazard

* If the power cord is damaged, it must be replaced by the manufacturer's maintenance personnel or qualified professionals.

* The appliance must be properly grounded.

* Fixed wiring must include an anti-shock switch according to wiring rules and provide full-pole disconnection under overvoltage level III conditions.

* The power line for fixed wiring should have a nominal cross-sectional area of 1–2.5 mm².

* The grounding conductor must be 10 mm longer than the live (L) and neutral (N) wires.

Attention

* All length units in this installation instruction are in millimeters (mm).

* This product should be permanently connected to the water pipe. Do not move the water pipe assembly except during installation and maintenance.

NOTE: Drawings may not exactly define contour of the product.

2.5 Product Installation

■ Matters Need Attention

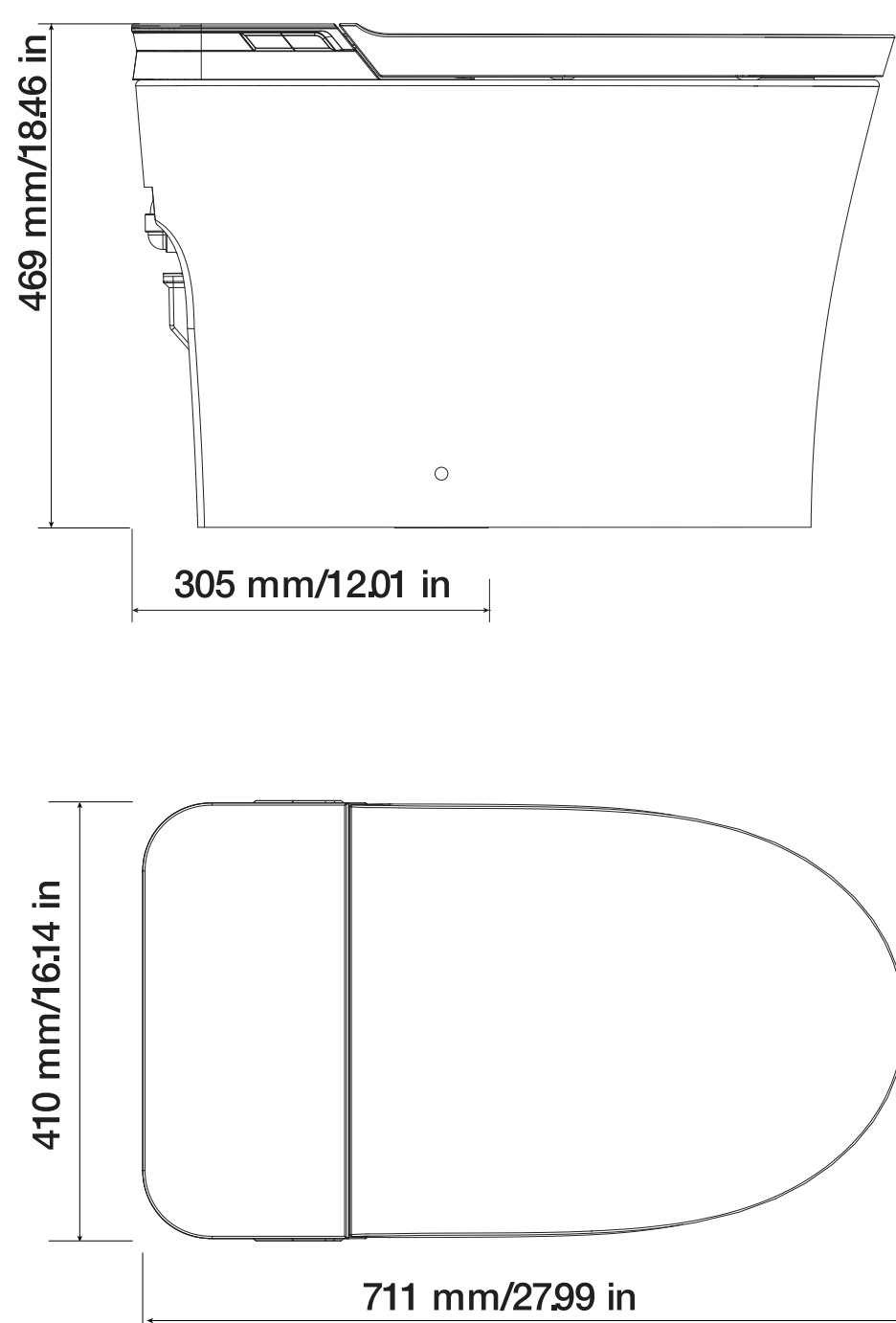
1. This product operates on AC 120V (60Hz) with a rated power of 1050W. Use only the specified power supply.
2. The power cord length is greater than 1 meter (3.3 ft); the power outlet should be close to the product installation and removal location.
3. Water inlet pressure range: 11psi–108psi; please follow the instructions.
4. Ambient temperature range: 39.2°F–104°F (4°C–40°C), humidity ≤ 95%; please operate accordingly.
5. The inlet pipe length is 0.7 meters (2.3 ft); the valve should be installed close to the product installation and removal site.
6. A water stop valve must be installed within reach in the same room as the product. In emergencies, you can cut off the water supply without tools. Failure to do so may cause loss to the user due to accidental product failure.
7. After installation, connect the power and water supply.



Prohibit

Do not use the product if the power cord or plug is damaged or if the plug is loose. This may cause electric shock or fire.

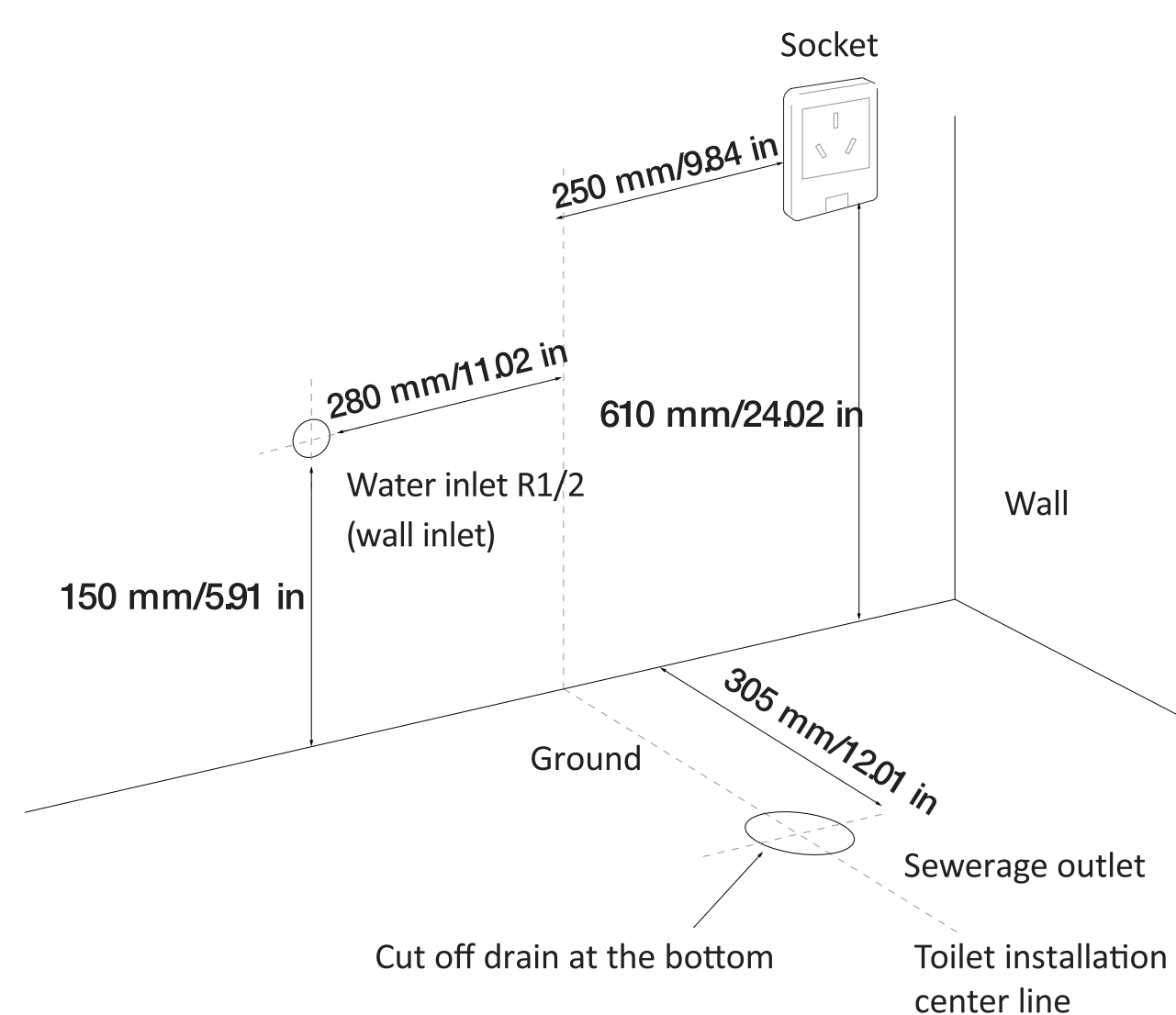
■ Product Size



■ Reference Drawing of the Inlet and Drainage Position



With ground fault circuit breaker and water- and splash-proof 15A socket



Attention: Before installing the angle valve, drain gravel and other impurities from the water inlet pipe.

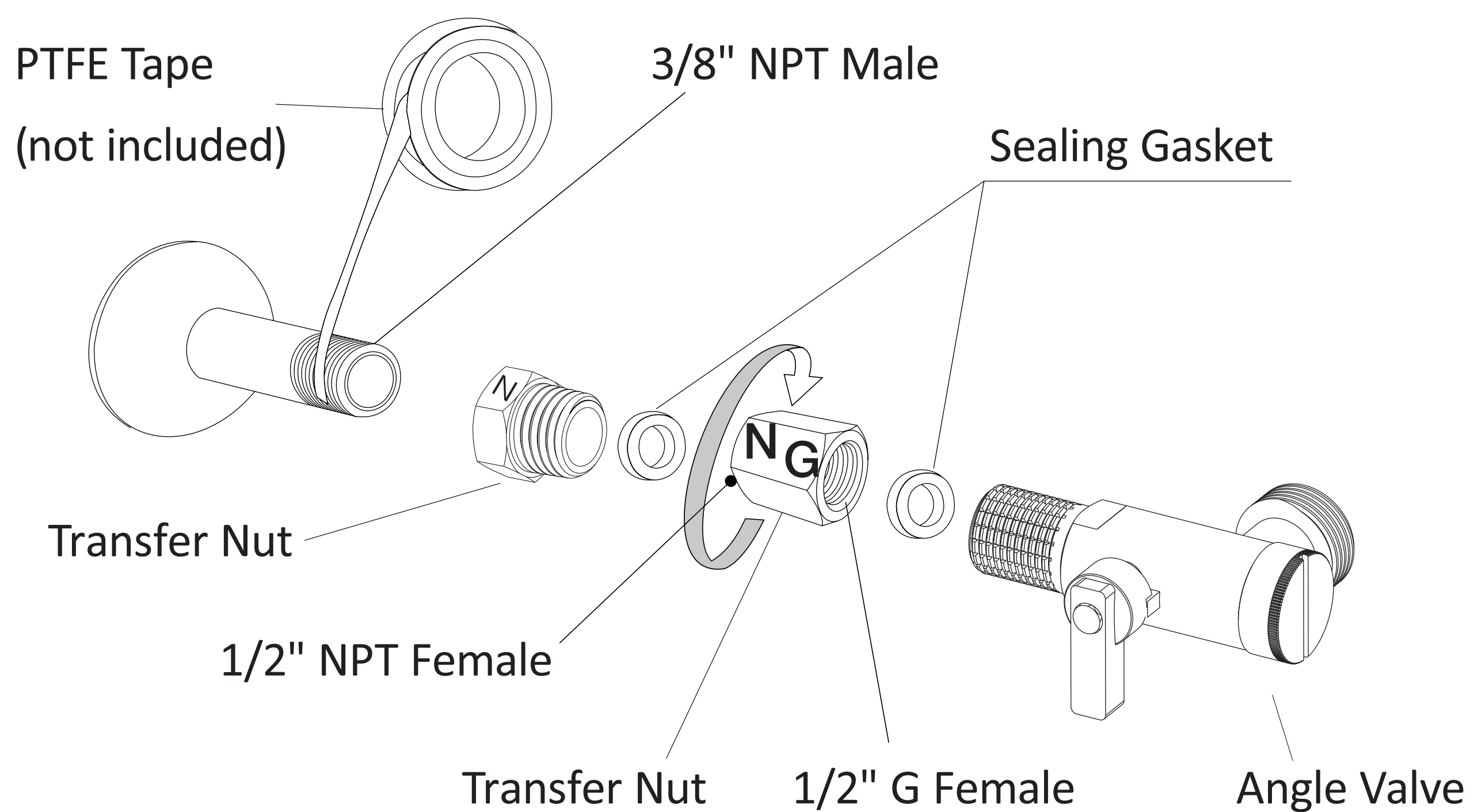
NOTE: Drawings may not exactly define contour of the product.

■ Installing the Transfer Nut and Angle Valve

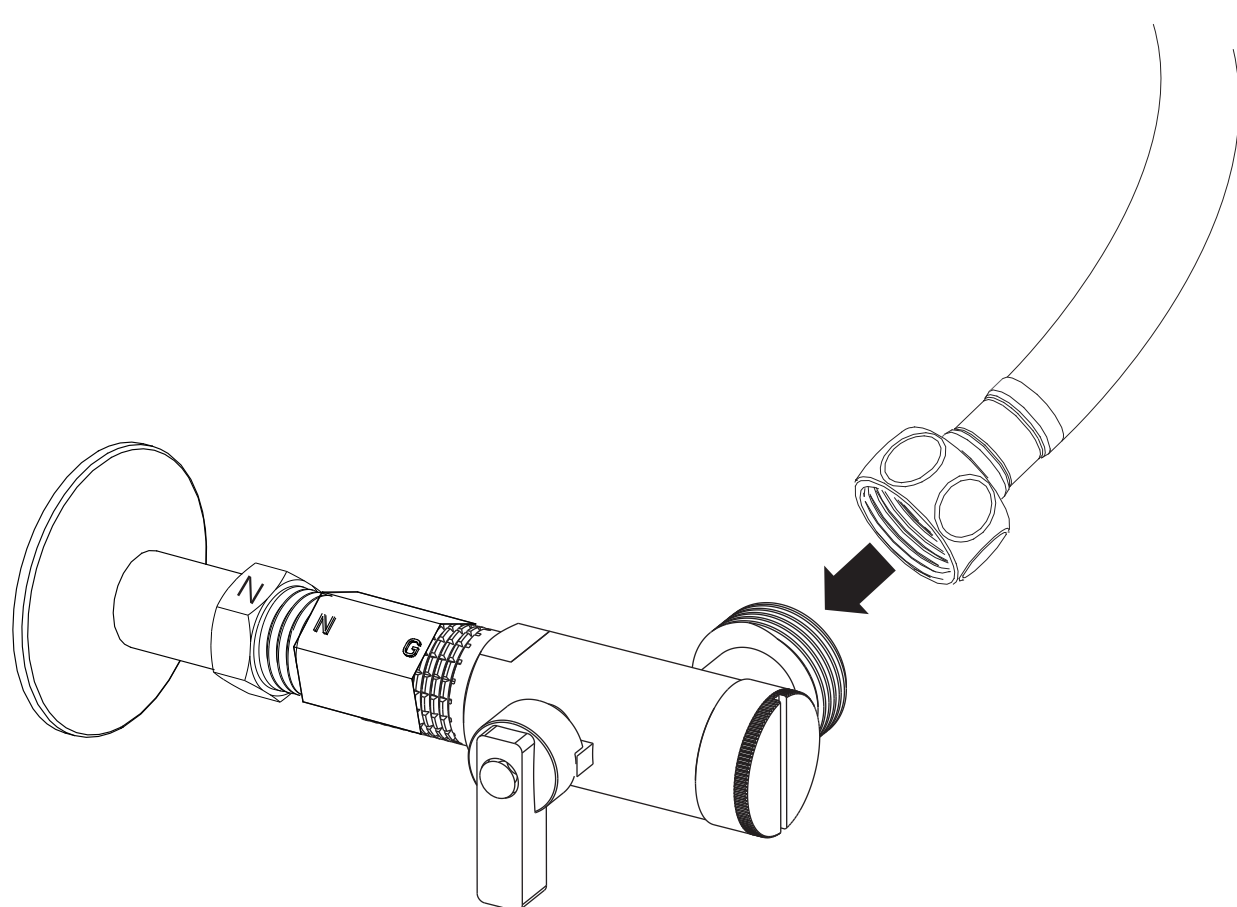
Wrap PTFE tape (plumber's tape) around the threads of the water inlet and angle valve. Insert sealing gaskets on both sides of the transfer nut — ensure the N side faces the water inlet and the G side faces the outlet of the angle valve.

To ensure optimal performance, please replace the existing angle valve with the one provided. For proper installation, it is recommended to have this step completed by a qualified plumber.

When the water outlet is 3/8" NPT, connect as shown below:

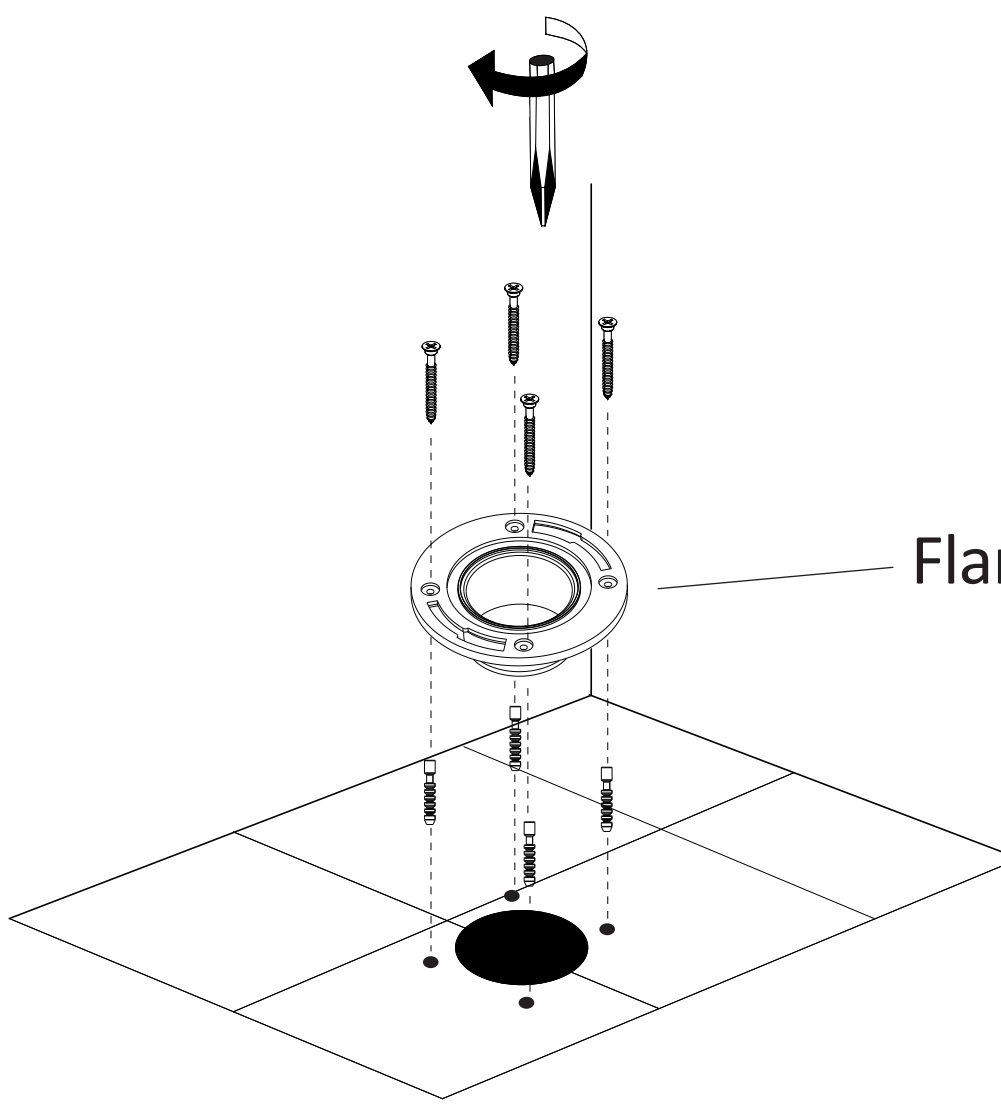
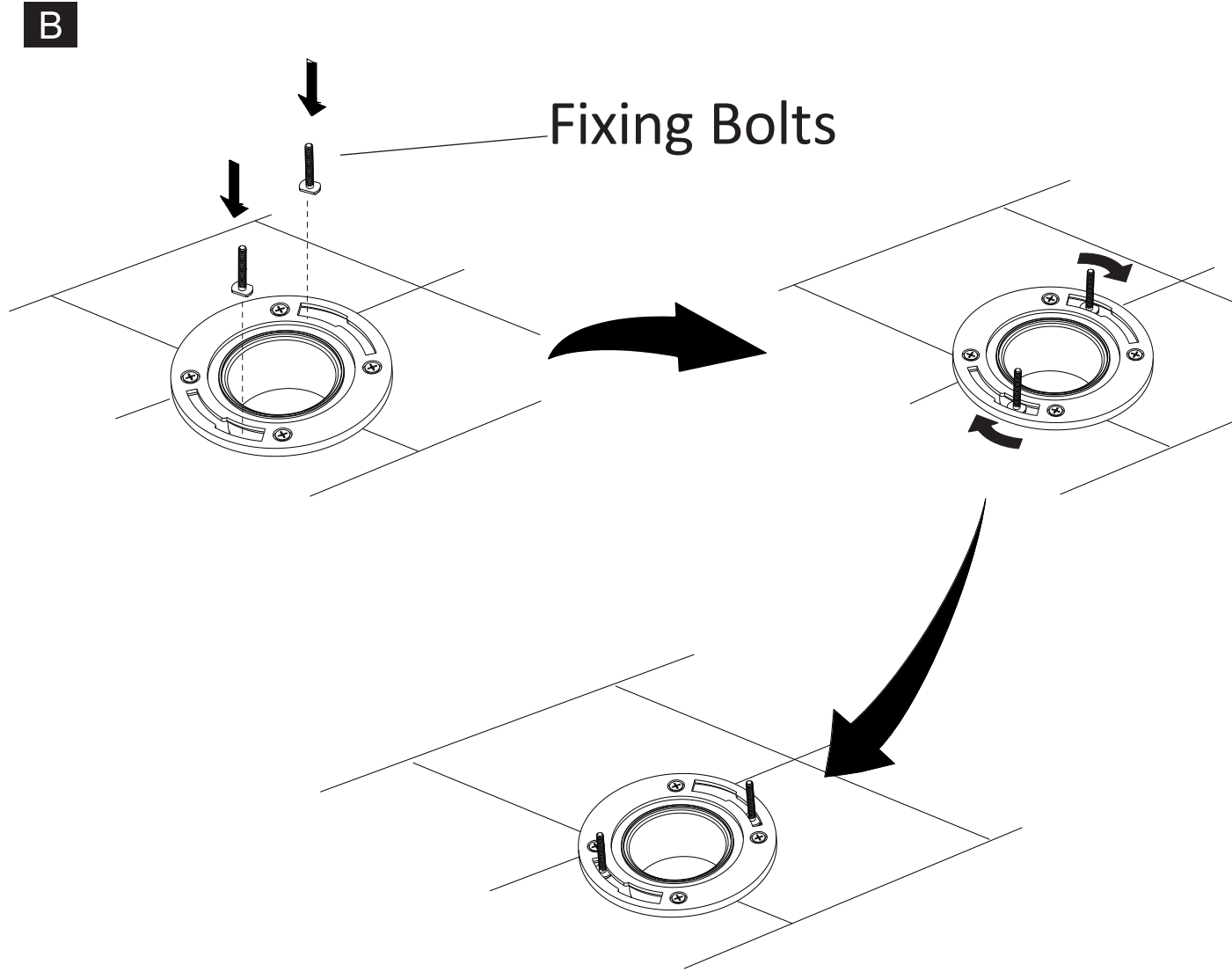
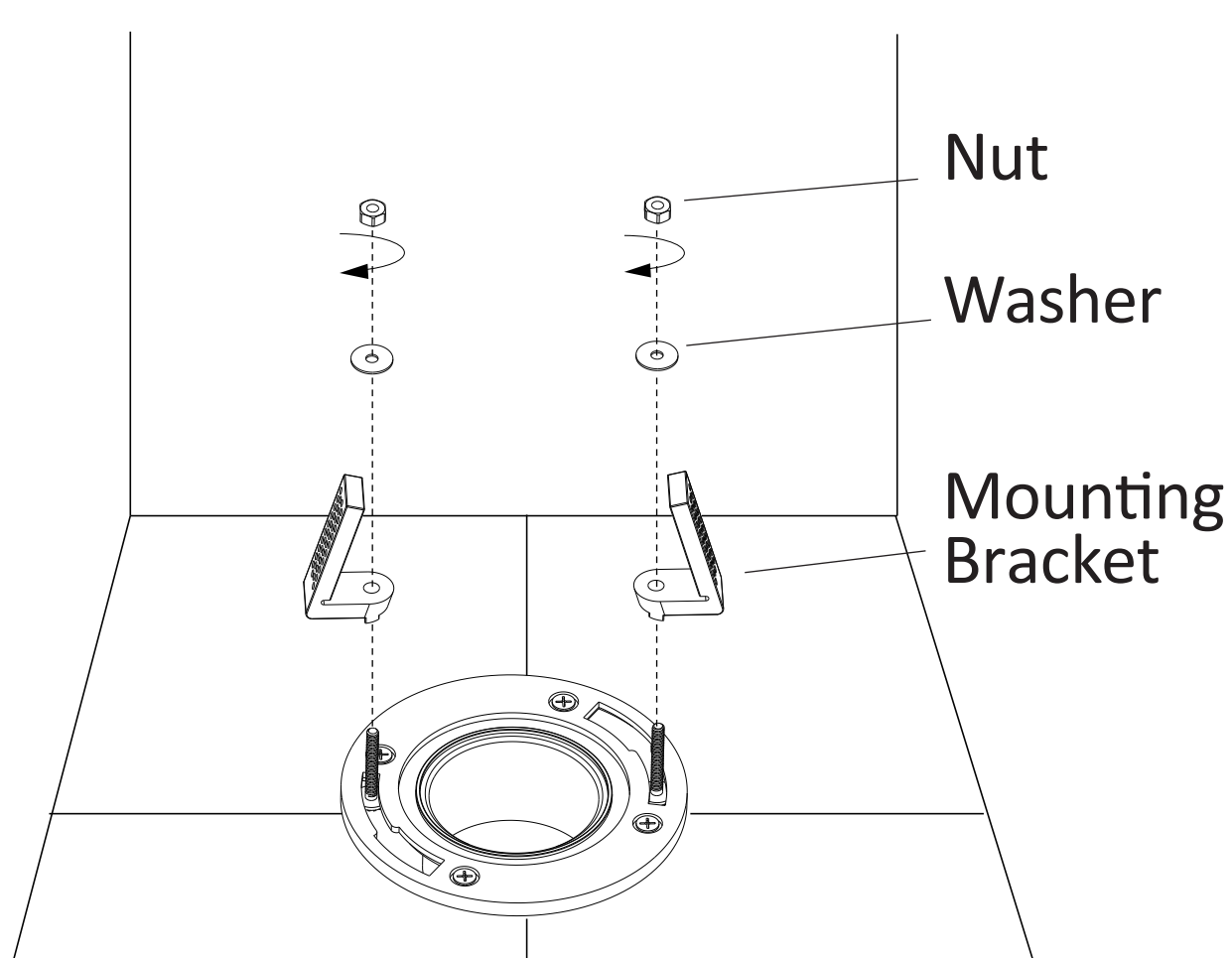
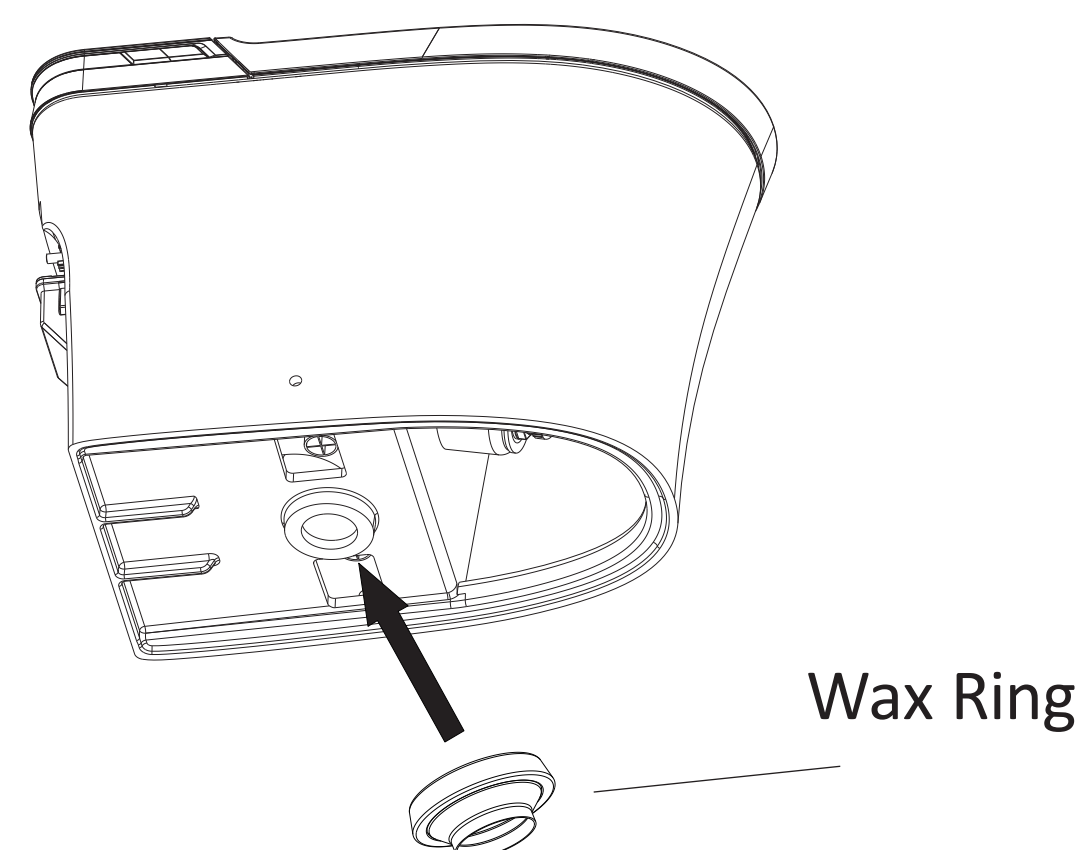
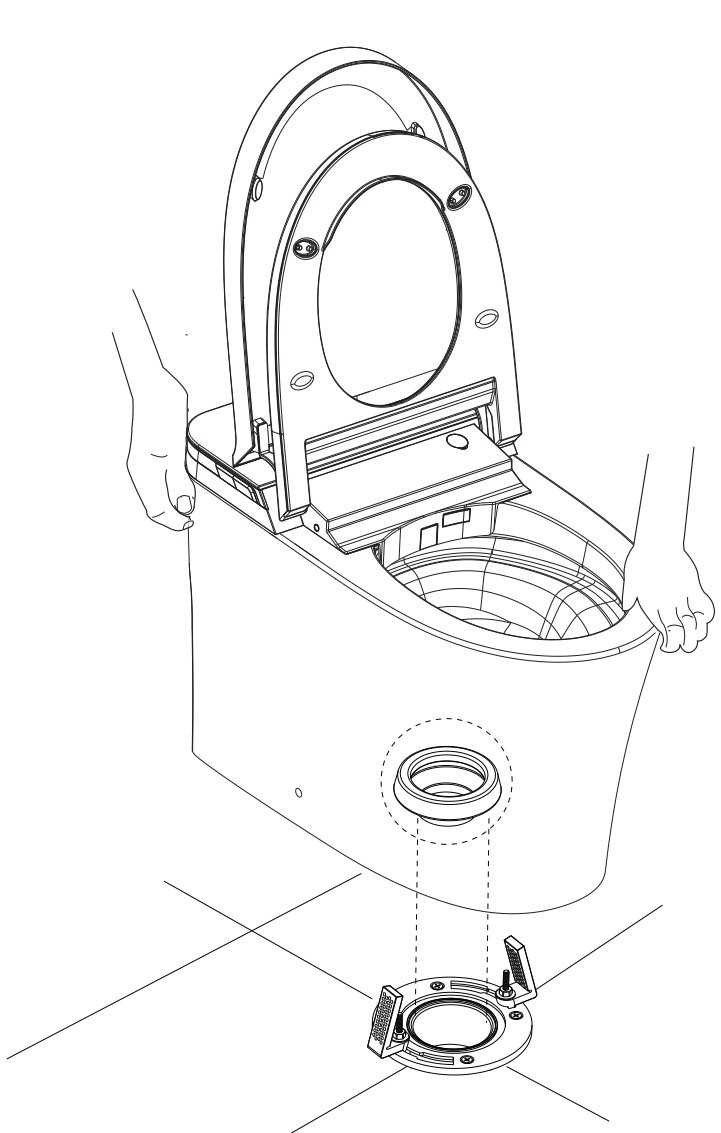
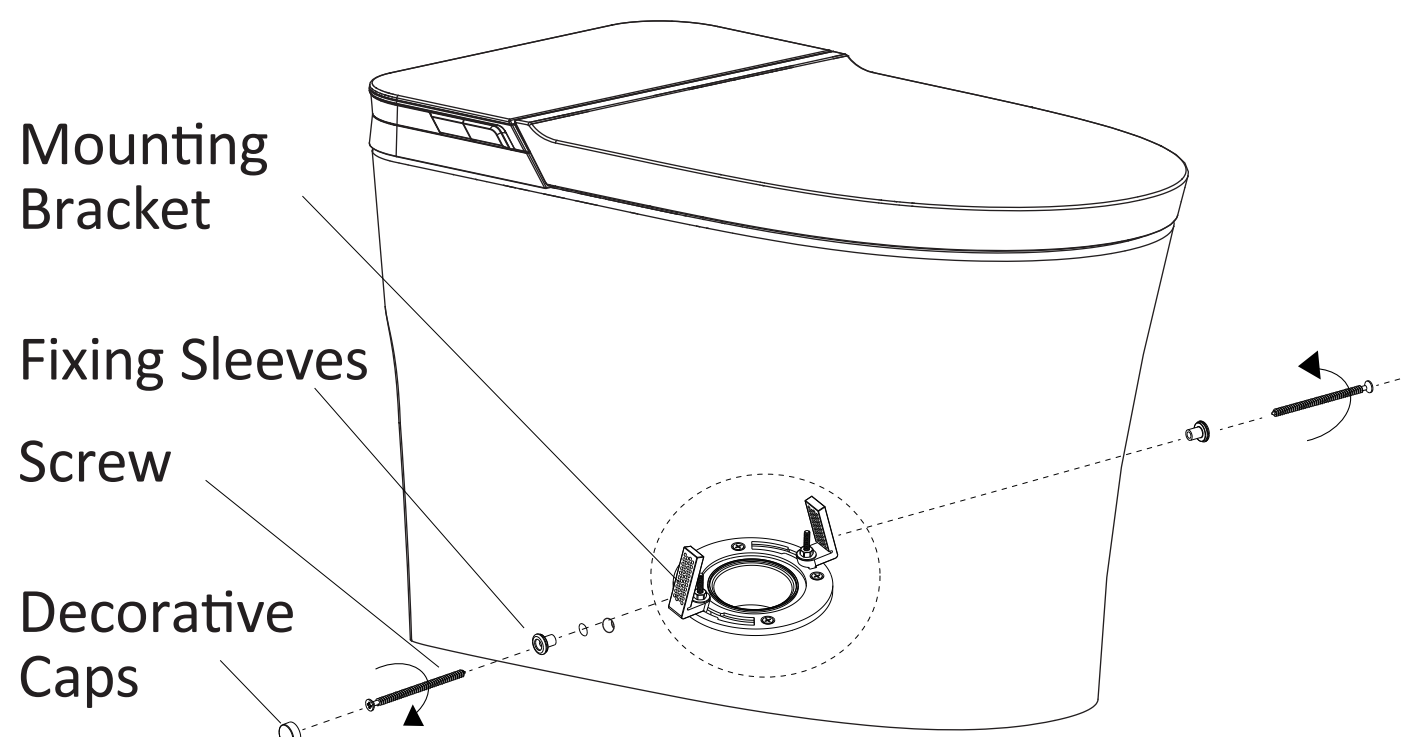


Install the water supply hose



NOTE: Drawings may not exactly define contour of the product.

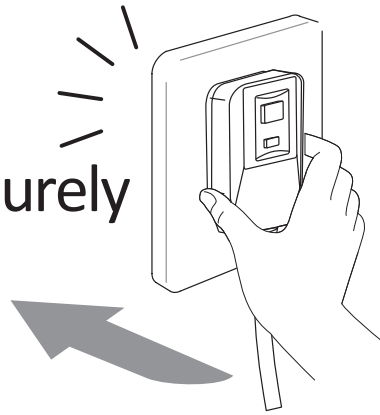
■ Fixed Seals with Mounting Products

<p>A</p>  <p>Flange Plate</p> <p>Install the flange plate.</p>	<p>B</p>  <p>Fixing Bolts</p> <p>Correctly position the two fixing bolts on the flange.</p>
<p>C</p>  <p>Nut Washer Mounting Bracket</p> <p>Assemble the mounting bracket with bolts, then install it onto the pre-installed flange plate on the floor and securely tighten with nuts.</p>	<p>D</p>  <p>Wax Ring</p> <p>Insert the wax ring beneath the drain hole.</p>
<p>E</p>  <p>Position the toilet over the floor drain, ensuring the flange plate aligns properly with the wax ring.</p>	<p>F</p>  <p>Mounting Bracket Fixing Sleeves Screw Decorative Caps</p> <p>Insert screws through the fixing sleeves, then install them through the holes on both sides of the ceramic toilet into the mounting bracket on the floor. Tighten the screws firmly with a tool, and cover the fixing sleeves with the decorative caps.</p>

NOTE: Drawings may not exactly define contour of the product.

■ Turning On the Power

1. Install a 120V socket (minimum 15A) at least 300 mm (11.8 in.) above the floor.
2. Ensure the socket is located in a place where it is not easily exposed to water splashes.
3. Use a properly grounded outlet.
4. Insert the product's power plug securely into the socket.



Attention

Ensure the power plug is fully inserted to avoid poor contact, overheating, or electric shock. If the power cord is damaged, contact qualified service personnel—do not attempt to repair it yourself.



Warning

Connect the power supply according to the product's specifications. Failure to do so may result in malfunction.



■ Installing the Remote Control

Install the remote control as close to the toilet as possible at an appropriate height on the wall.

Method 1

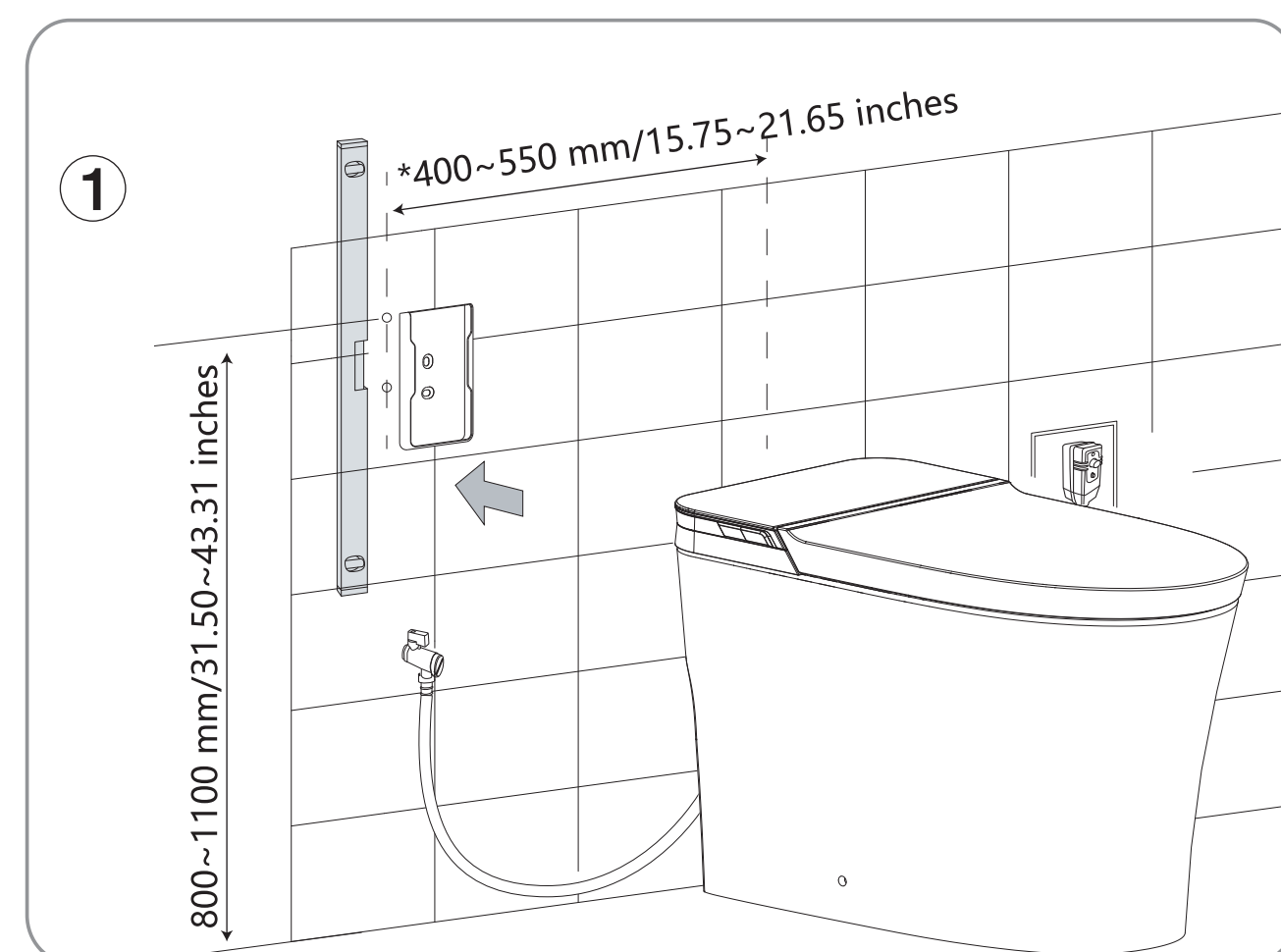
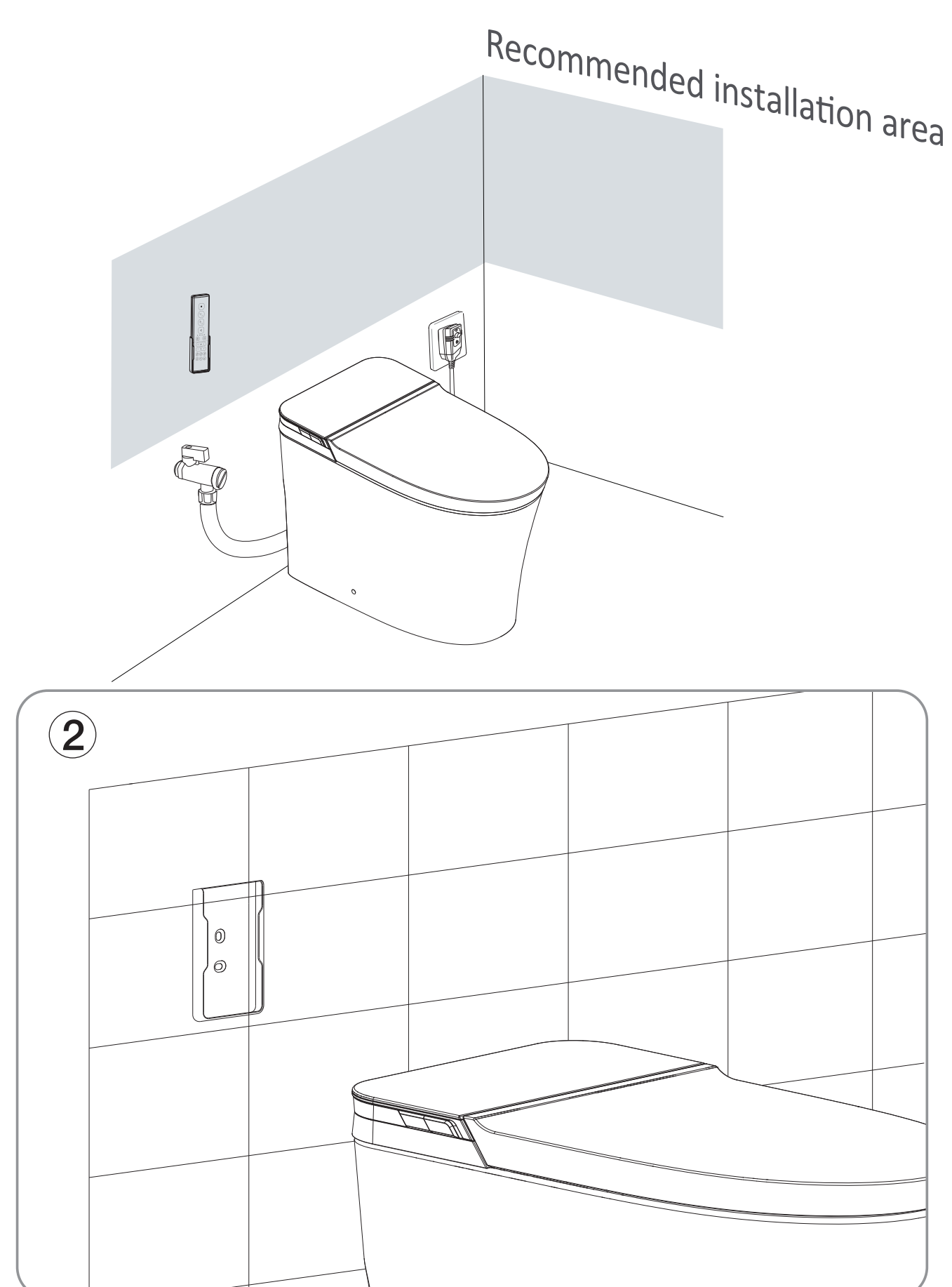
1. Remove the protective film from the 3M adhesive.
2. Stick the remote control holder to a suitable surface (tile or wood wall recommended).
3. Place the remote control into the holder.

Method 2

As shown in the diagram. Dimensions marked with "*" are recommended. Both left and right wall positions are acceptable.

Warning

1. Do not spill water on the remote control, as it may prevent the product from functioning properly.
2. When not in use, please store the remote control in its holder.
3. Dropping the remote control may cause malfunction or damage.



NOTE: Drawings may not exactly define contour of the product.

Chapter 3 Operating Instructions

Preparation and Confirmation Before Use

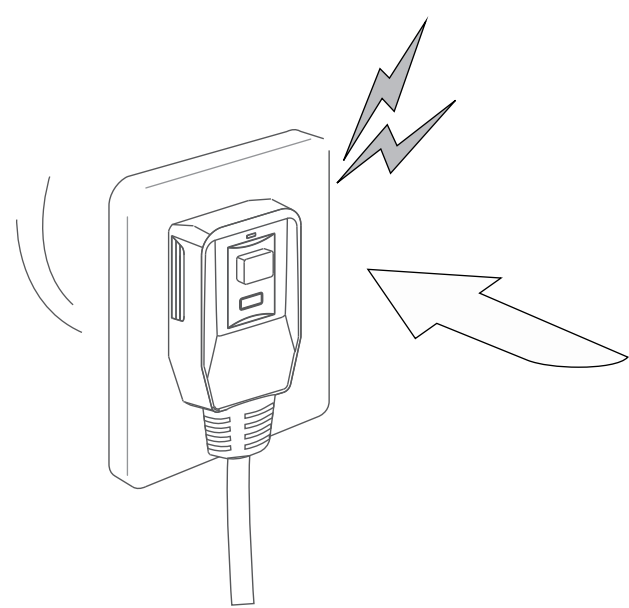
■ Open the Valve

Before turning on the power, open the water inlet valve to supply water to the toilet.

■ Confirmation and Commissioning

1. Check the power supply

Ensure the power plug is firmly inserted. The plug's indicator light should be on, indicating power supply. If it is not lit, press the plug's reset button to restore power.



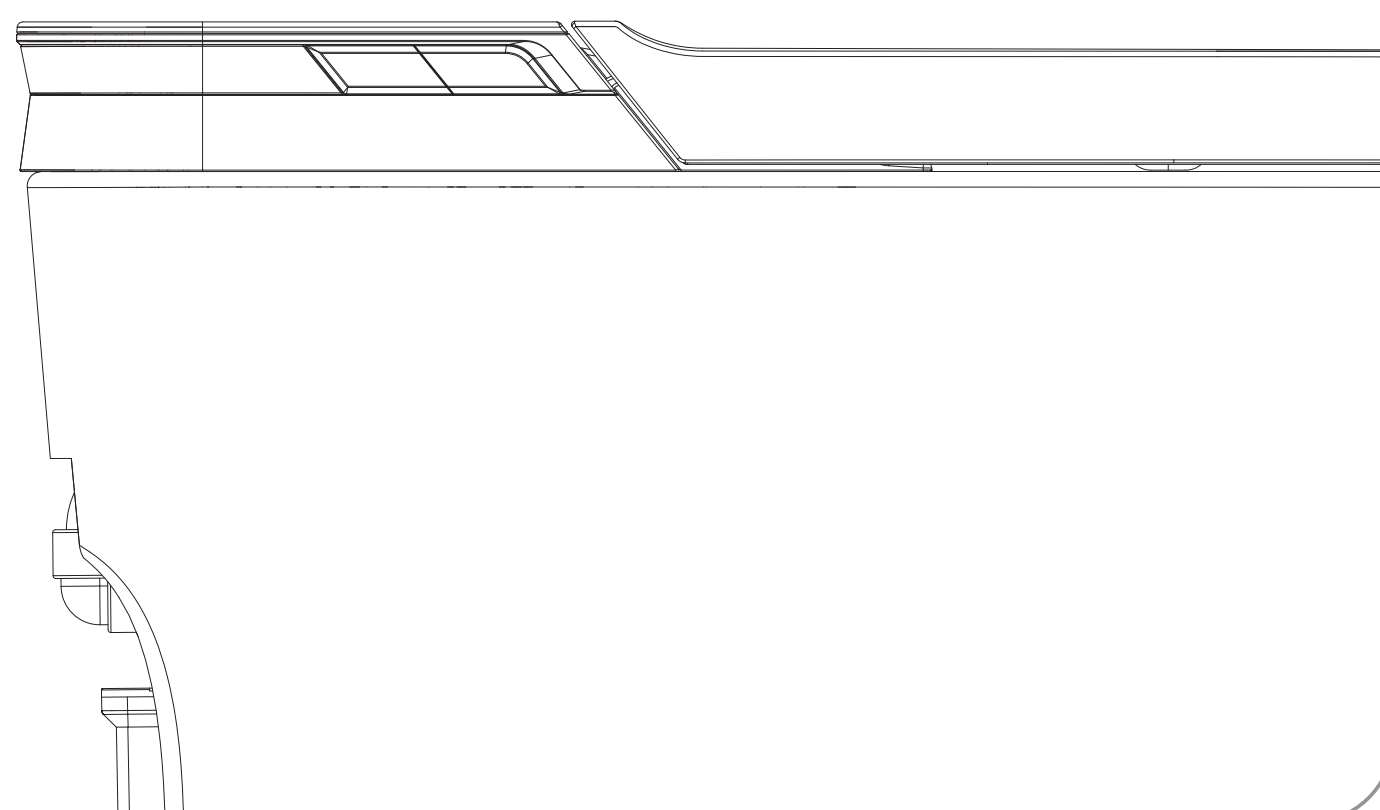
2. Seat sensor

The seat sensor area is marked on the seat. The smart toilet functions will only activate when someone is seated.



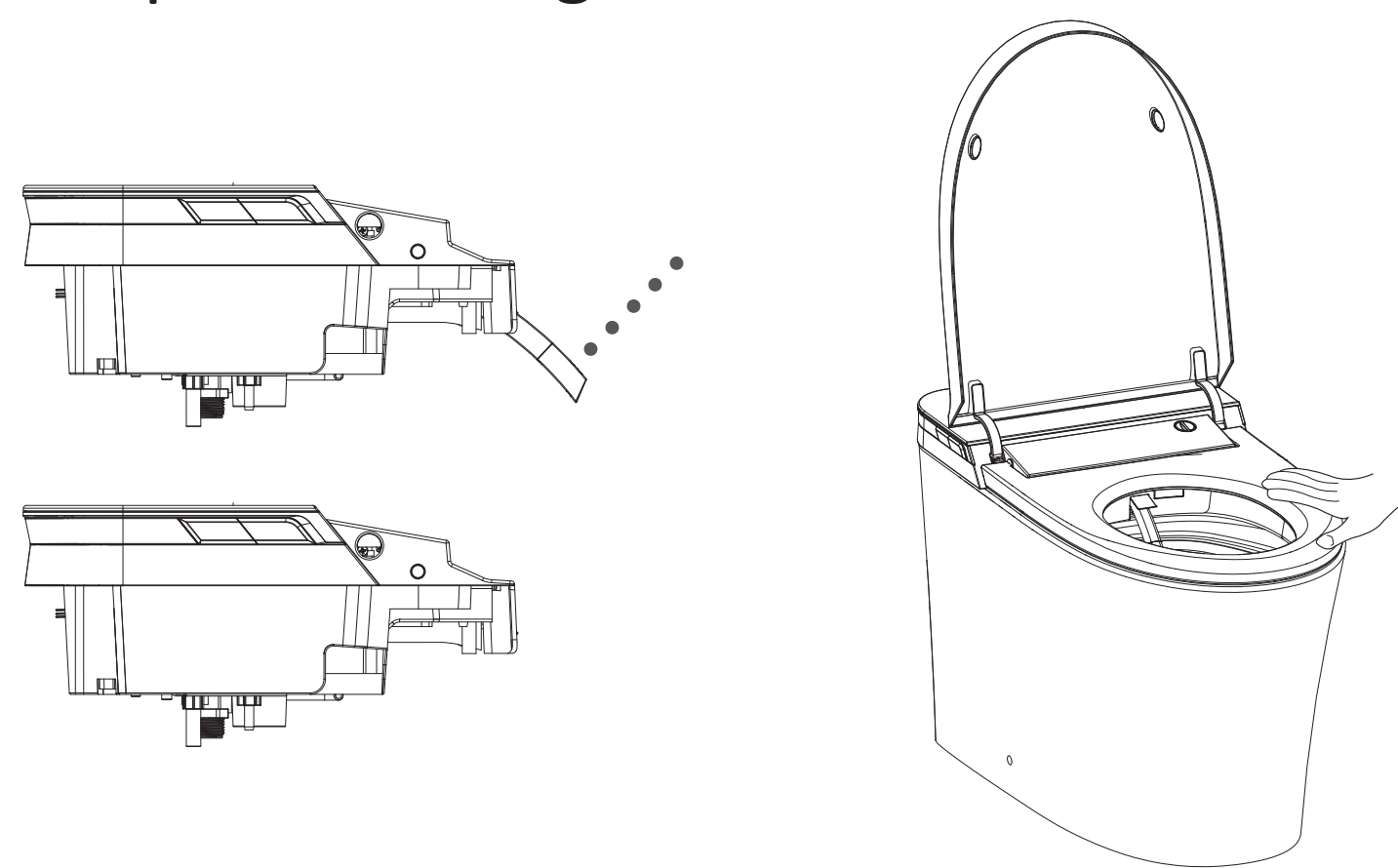
3. Check the flush button function

Press the flush button located on the left side of the toilet to verify normal flushing.



4. Check the cleaning function

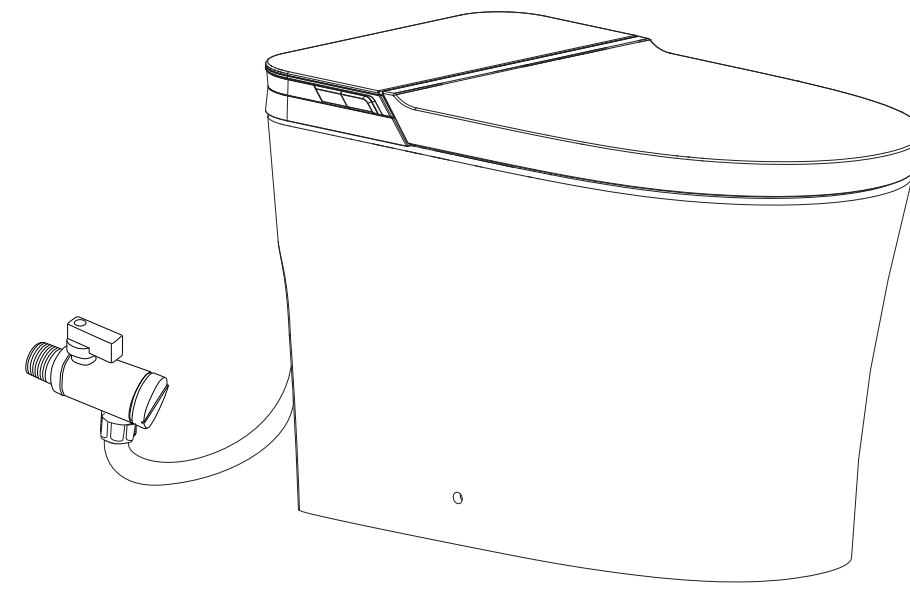
Sit on the toilet and press the rear wash button to confirm that the nozzle extends and starts working. Press the power button to stop the washing function.



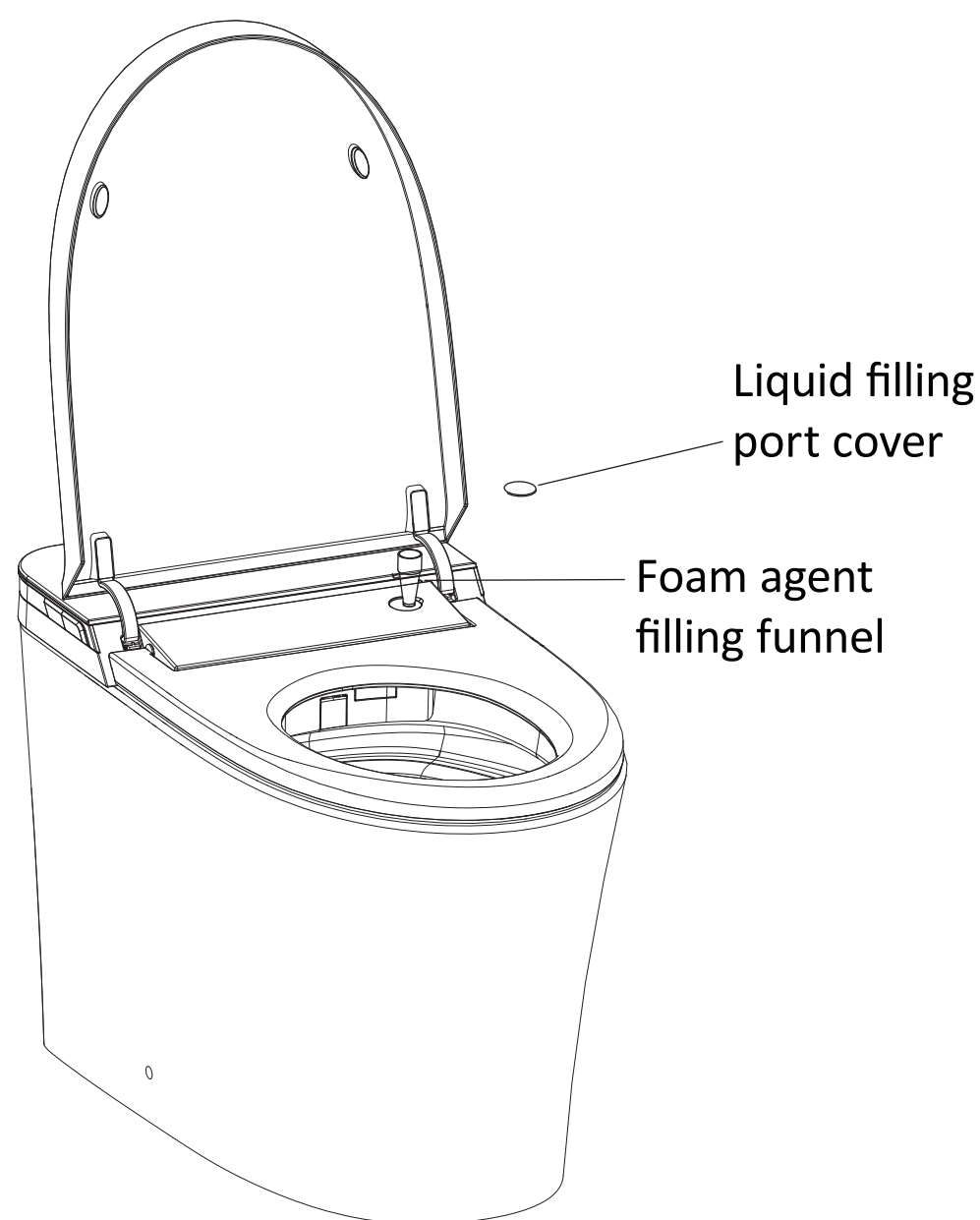
NOTE: Drawings may not exactly define contour of the product.

3.1 Initialization

a. Open the water inlet valve and ensure the tap water supply is connected.



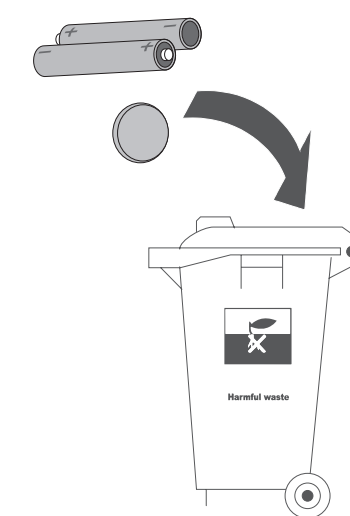
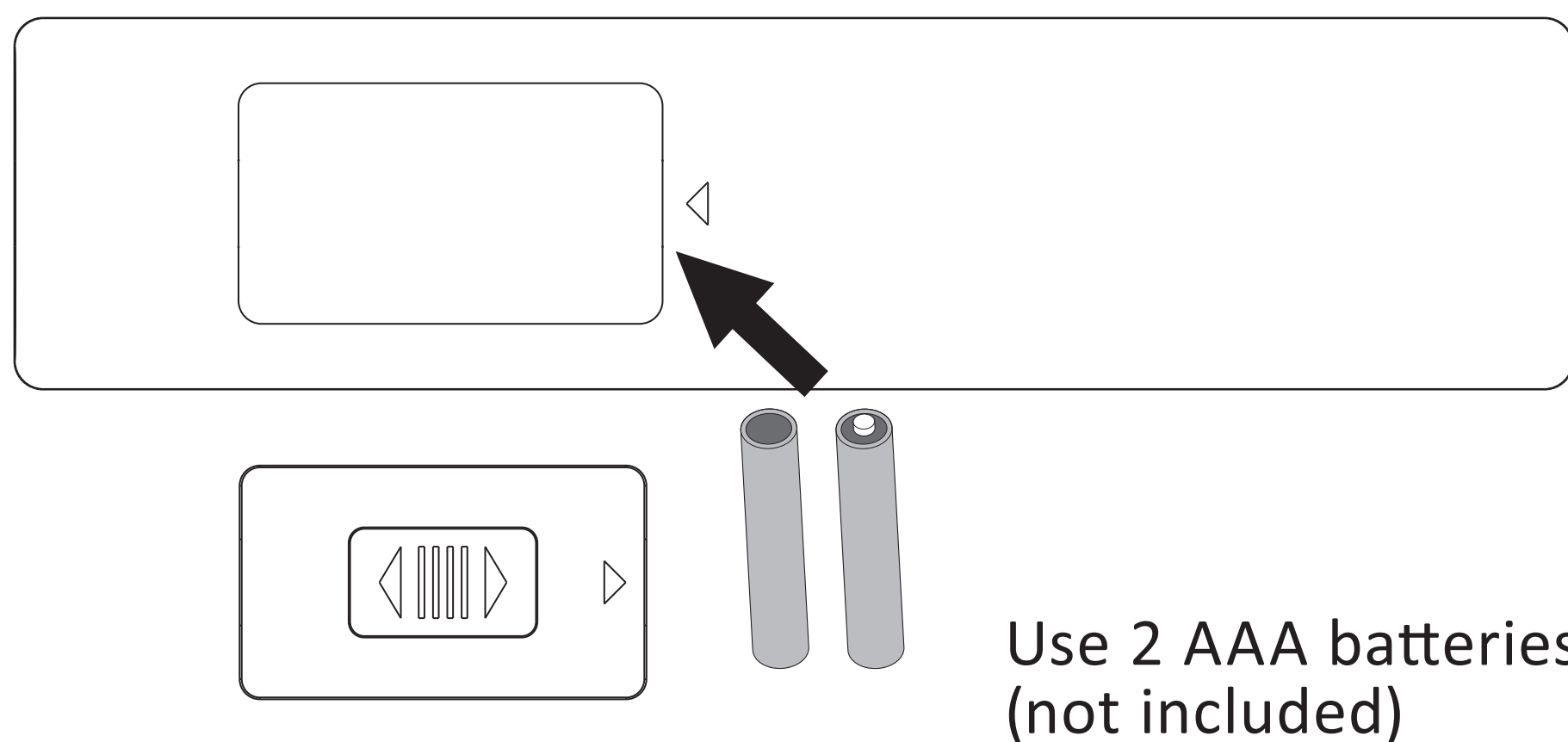
b. Foaming agent filling method:



1. Open the lid.
2. Remove the foam shield filling port cover.
3. Place the foaming agent filling funnel onto the liquid filling port.
4. Pour the specialized foaming agent into the liquid filling port until it is visible and slightly overflows at the water cover.
5. Close the lid of the liquid filling port.
6. Press and hold the "Foam Shield" button on the remote control for 3 seconds until you hear a beep. The toilet will then replenish the liquid and foam once the refill is complete.
7. Automatic foaming: When not seated, press the "Stop" button and the "Foam Shield" button on the remote control simultaneously. One beep indicates automatic foaming is activated; two beeps indicate it is deactivated.

Note: For optimal foaming effect, use foaming agents specifically designed for toilets. If unavailable, neutral dishwashing liquid may be used. Do not use toilet cleaners, chlorine-based cleaners, lemon-based cleaners, gel cleaners, dishwasher detergents, or mix different cleaners. If foam spills during refilling, wipe it immediately with clean water.

c. Installing batteries for the remote control:



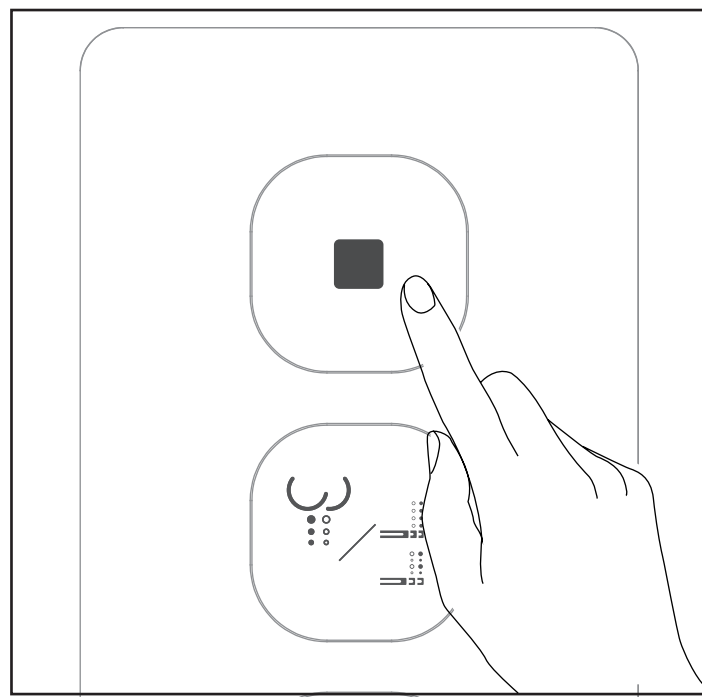
※Dispose of used batteries properly according to local regulations.

Test the remote control by pressing any button; the indicator light should illuminate if batteries are installed correctly. If it does not work, check battery installation or replace with new batteries.

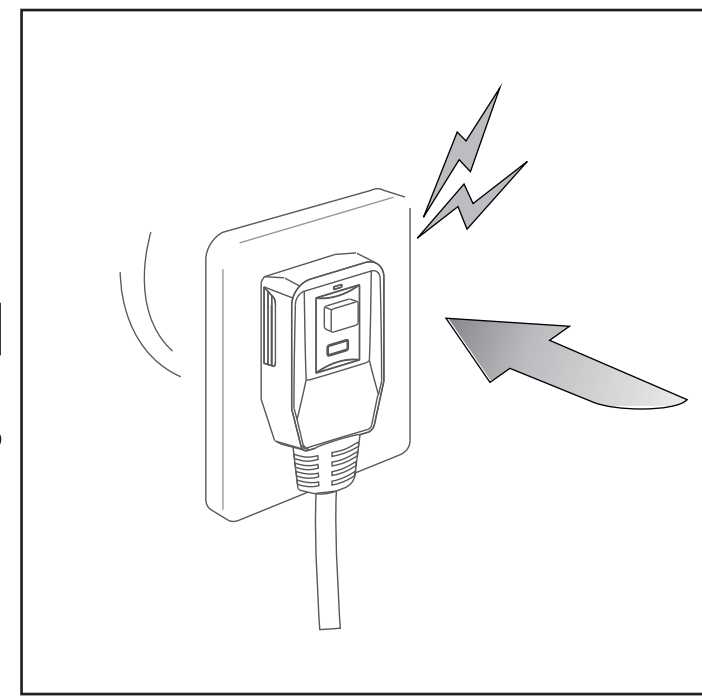
To prevent battery damage or leakage, please follow the "Battery Usage" on page 4.

NOTE: Drawings may not exactly define contour of the product.

d. Remote control code pairing



Turn off the power to the toilet. Press and hold the "■" button on the remote control until the indicator light starts flashing.



Turn the power back on. A long beep will sound, indicating the code pairing was successful.

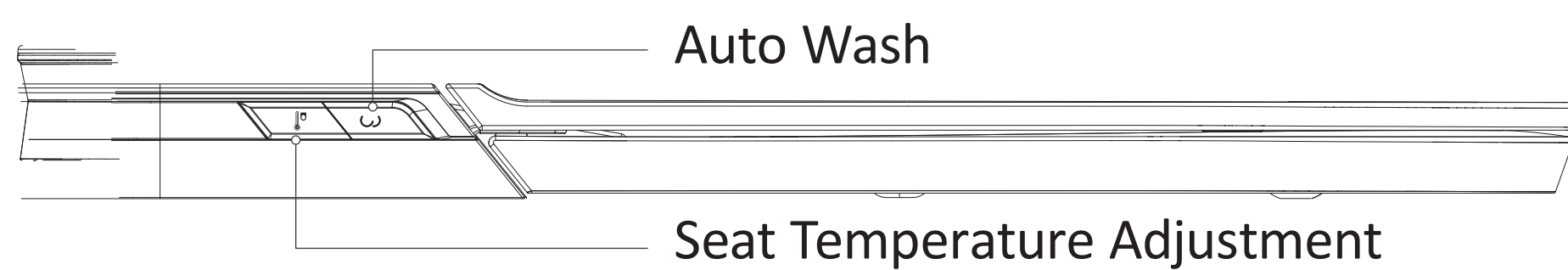
After powering on, the system will automatically run a self-check, which will complete in approximately 20 seconds.

If the code pairing fails, the indicator light on the remote control will automatically turn off after 30 seconds. In that case, please repeat the steps above.

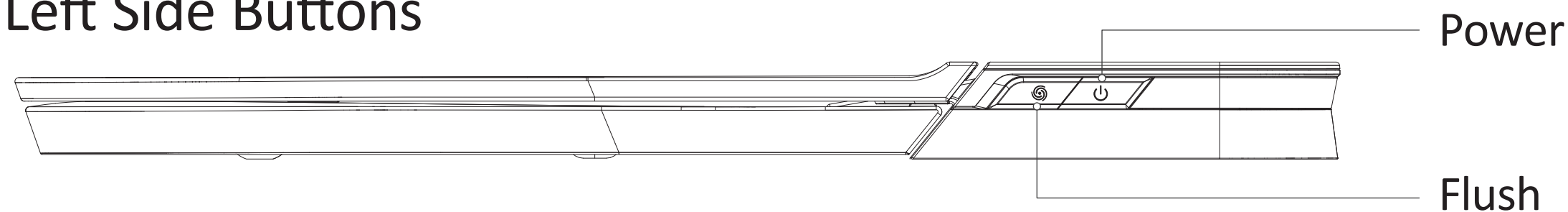
If pairing still fails, please contact customer service for assistance.

3.2 Side Button Operation

Right Side Buttons



Left Side Buttons



Seat Temperature Adjustment: Short press the "🔥" button to adjust the seat temperature. There are 6 levels in total, including one room temperature (no heating) setting. The temperature cycles through each level, with Level 6 being the highest.

Auto Wash: When seated, short press this button to start auto rear wash. The procedure is as follows: 15 seconds of fixed-position wash→45 seconds of mobile wash→full flush once→approximately 2 minutes of air drying. Long press this button to activate auto lady wash, which follows the same process. The washing cycle will automatically stop after 3 minutes, or you can manually stop it at any time by pressing the "🔌" side button or the "■" button on the remote control.

Power Button: Short press to stop ongoing functions such as rear wash, lady wash, drying, etc. Long press to enter standby mode. Short press again to exit standby mode.

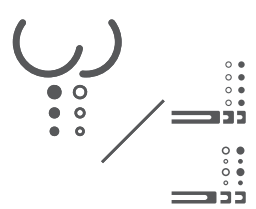
Flush: Short press this key to execute full flush, long press this key for half flush.

NOTE: Drawings may not exactly define contour of the product.

3.3 Remote Control Operation


The remote control can be used to operate functions such as rear wash, lady wash, drying, and flushing. It also allows adjustment of nozzle position, water pressure, air temperature, water temperature, seat temperature, and more. Pressing a button on the remote control will activate the corresponding function. Each operation will be accompanied by a flashing indicator light on the remote control.

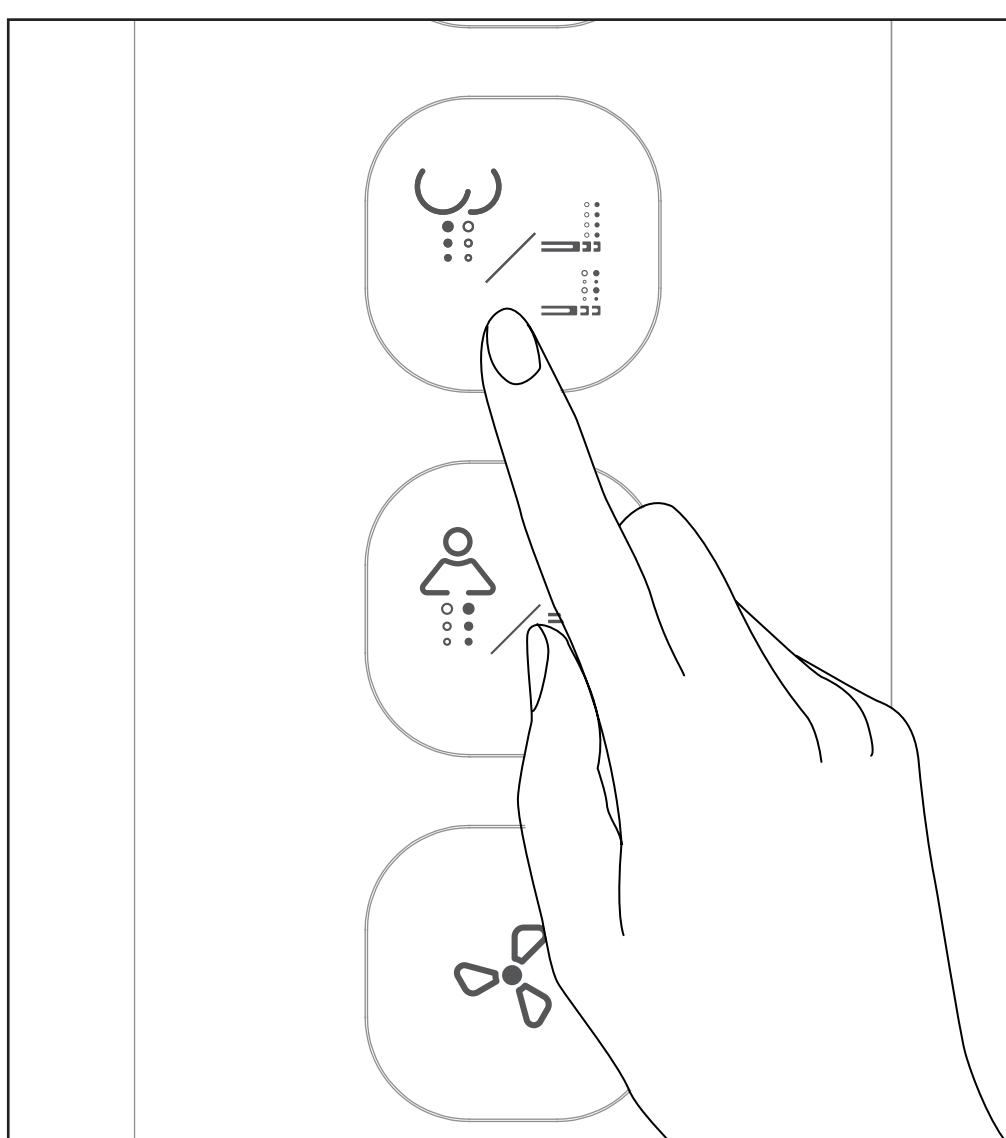
The “Stop” button has the highest priority and will override all ongoing functions. If the remote control does not respond, please check whether it has been successfully paired or if the batteries are depleted.





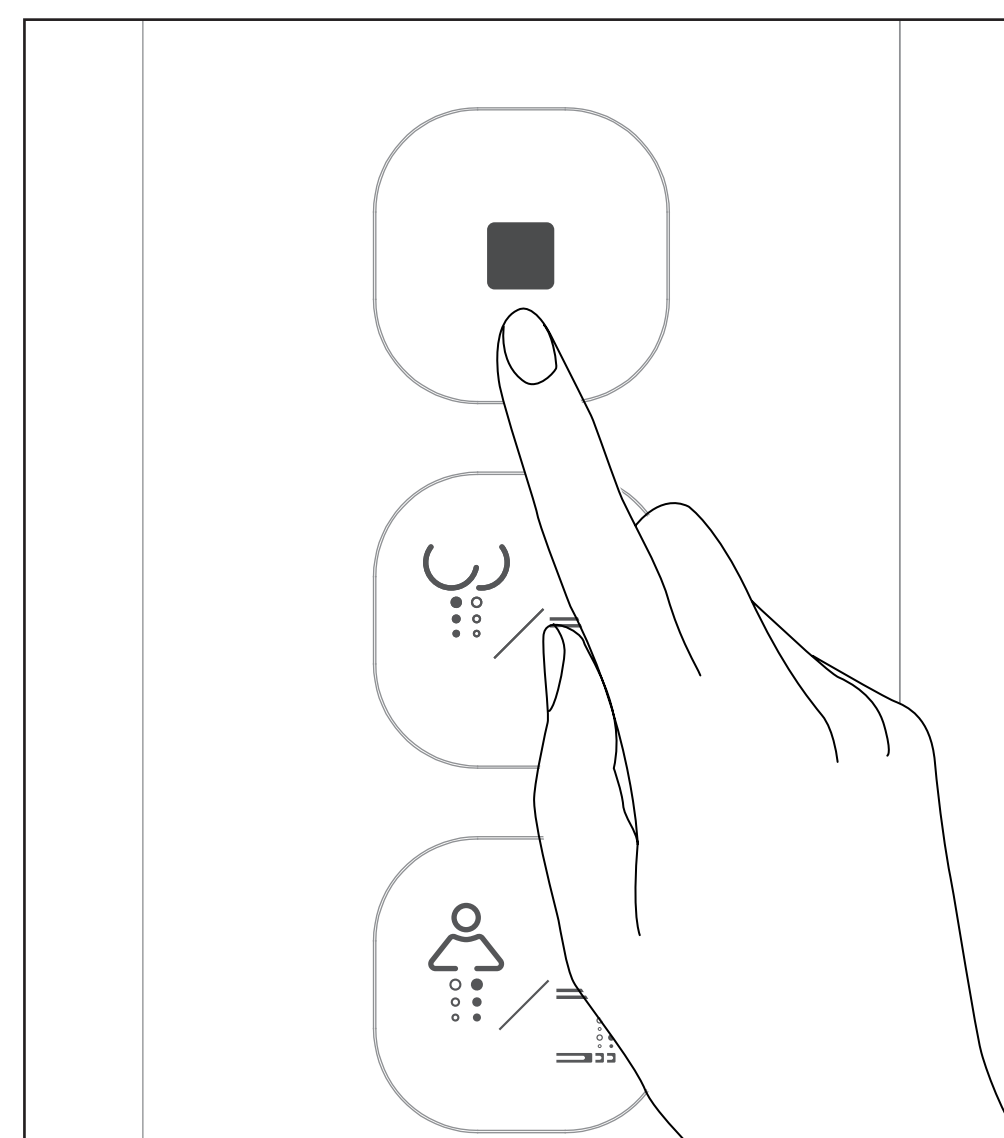
Rear Wash / Mobile Wash / Massage Wash

(This function only works when someone is seated on the toilet seat)

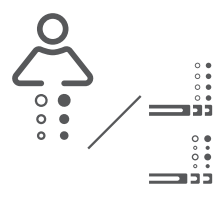
1 Press the “” button to start fixed-position wash, with water spraying from the front of the nozzle. Press it again to switch to mobile wash. Press it once more to switch to massage wash. Press again to return to fixed wash, and so on.



2 During the washing process, press the “” button or the “” side button to stop washing, or the function will stop automatically after 3 minutes.




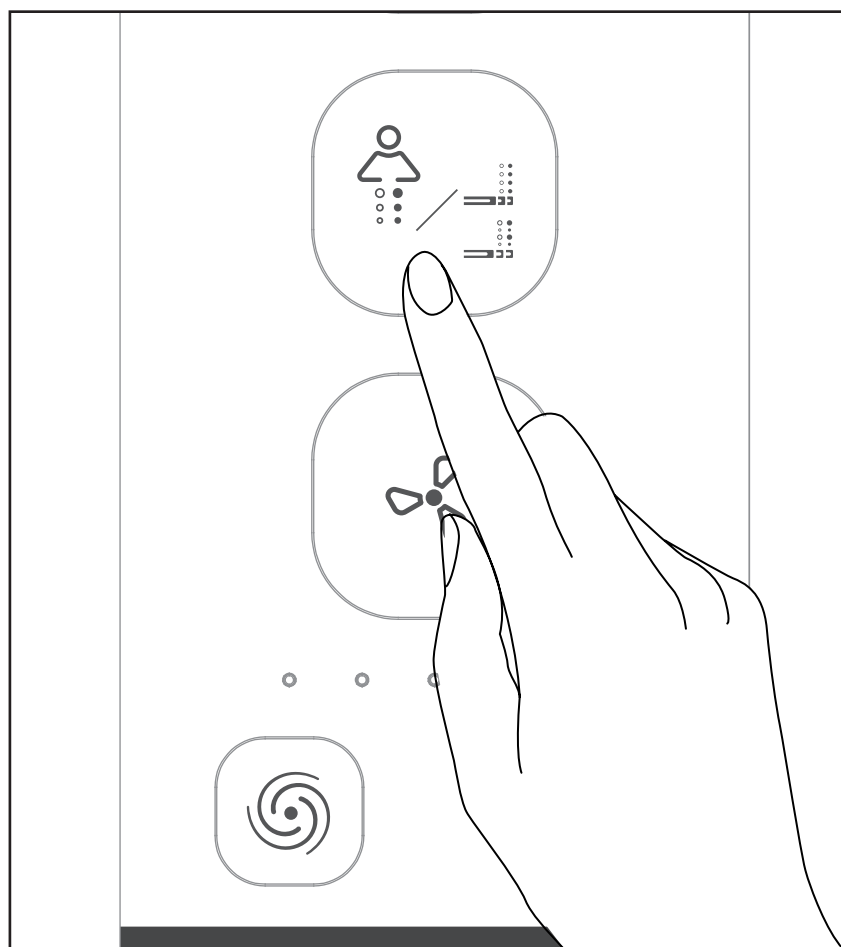
NOTE: Drawings may not exactly define contour of the product.





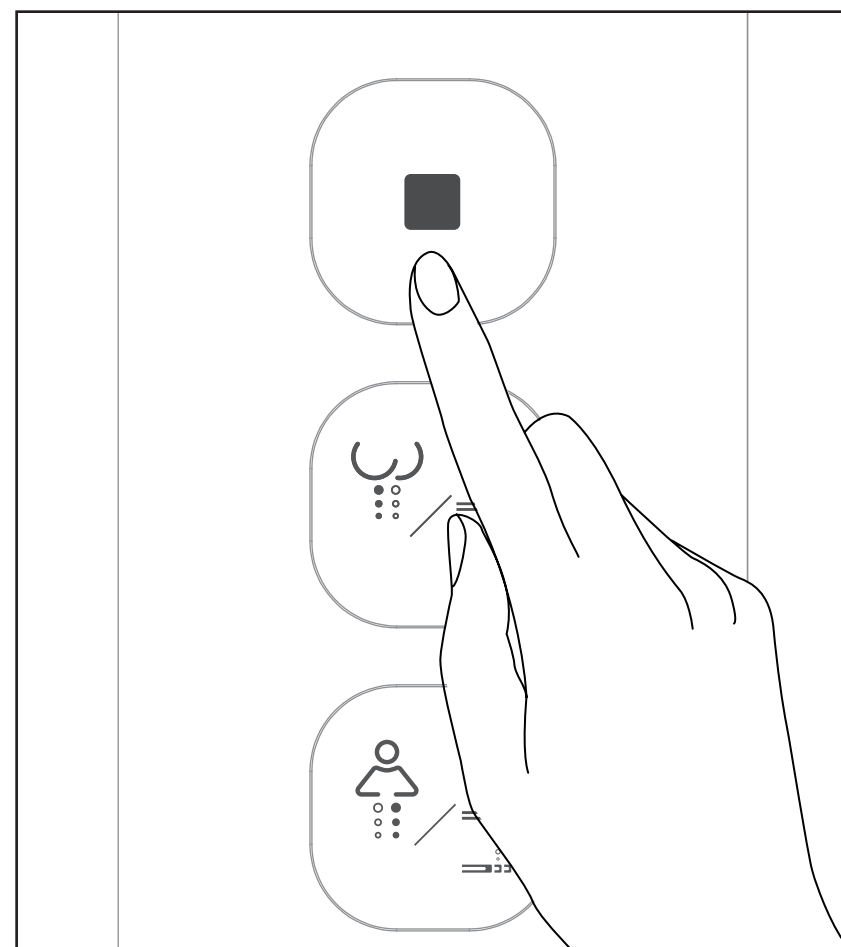
Lady Wash / Mobile Wash / Massage Wash

(This function only works when a person is seated on the seat)

1 Press the "  " button to start fixed-position wash, with water spraying from the front of the nozzle. Press it again to switch to mobile wash. Press again to switch to massage wash. Press once more to return to fixed wash, and so on.




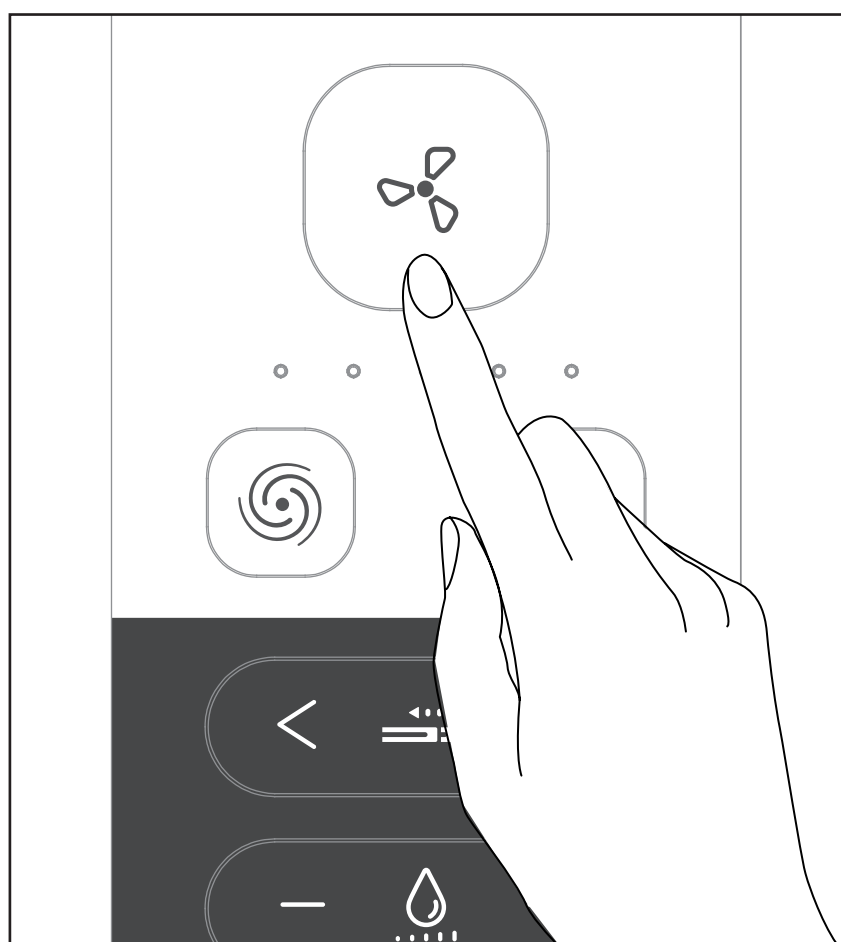
2 During the washing process, press the "  " button or the "  " side button to stop washing, or the function will stop automatically after 3 minutes.





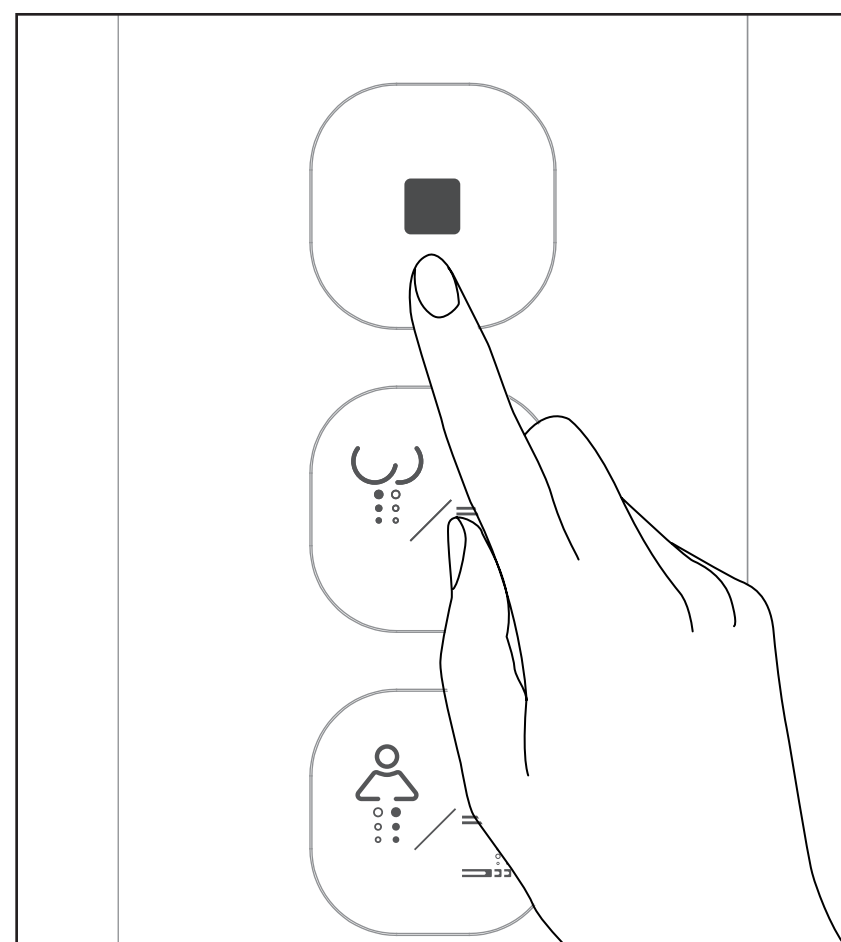
Warm Air Drying (5-Level Adjustable)

(This function only works when a person is seated on the seat and the washing function is not running)

1 Short press the "  " button to activate the drying function (the system will flush automatically before warm air starts).



2 During drying, press the "  " button or the "  " side button to stop. Otherwise, the drying function will stop automatically after 3 minutes.

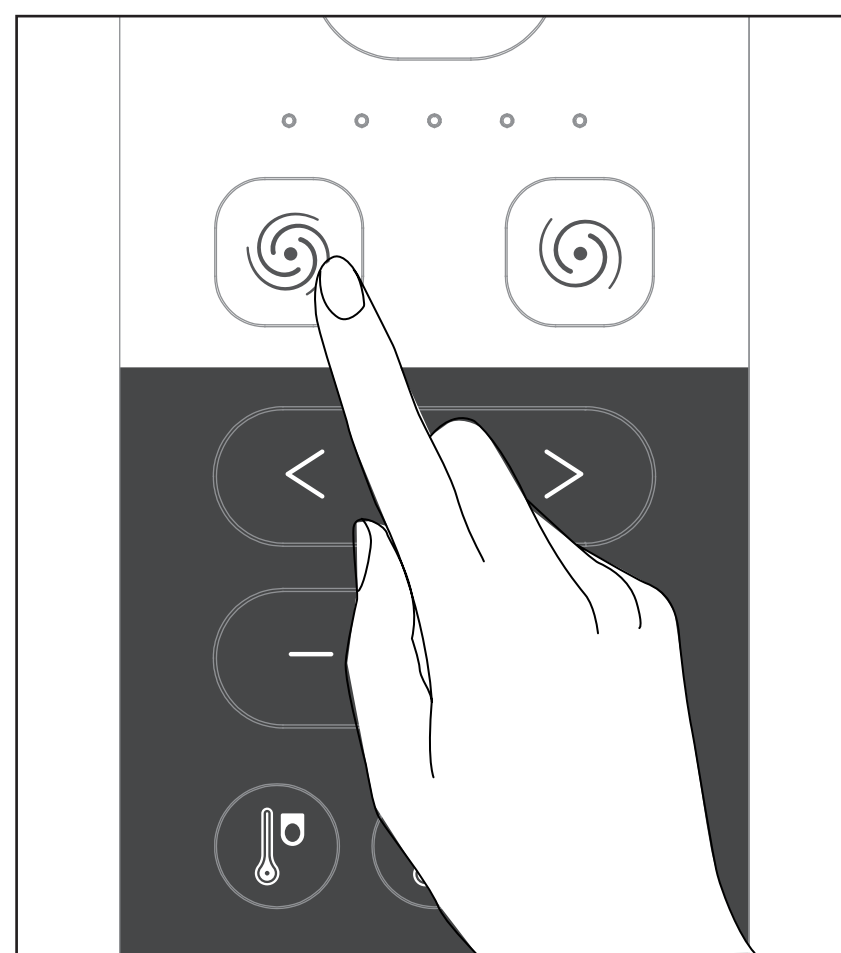


NOTE: Drawings may not exactly define contour of the product.

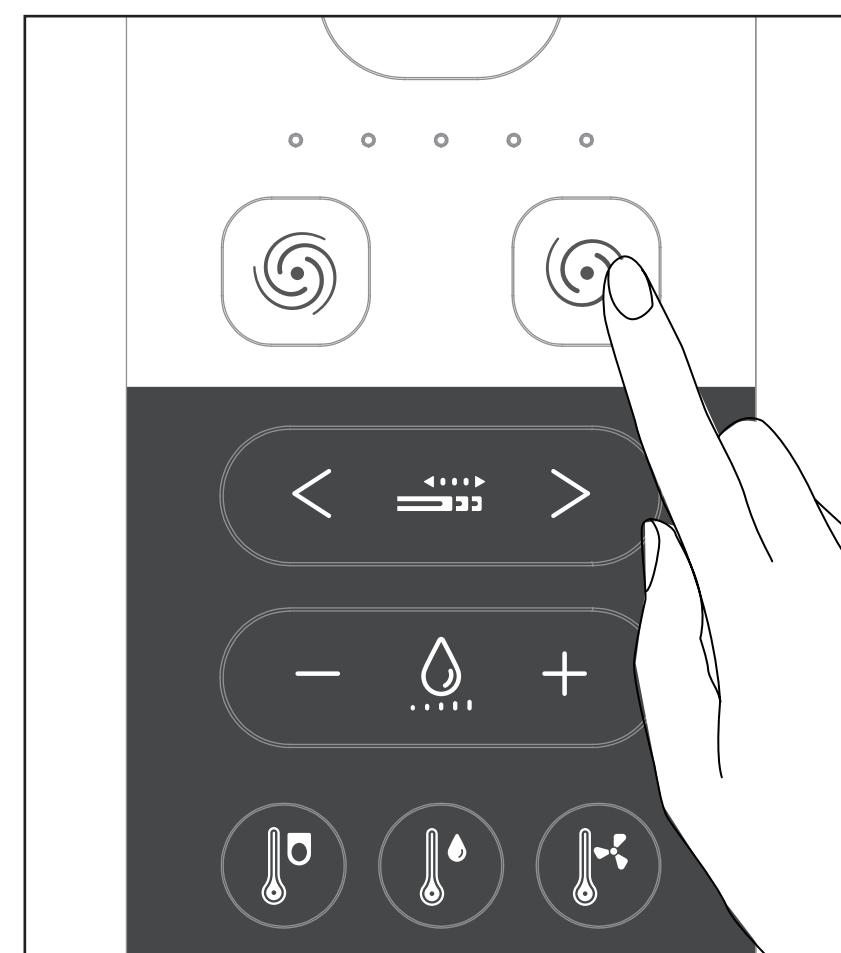


Full Flush, Half Flush

1 Press the "⌀" button once to perform a full flush.

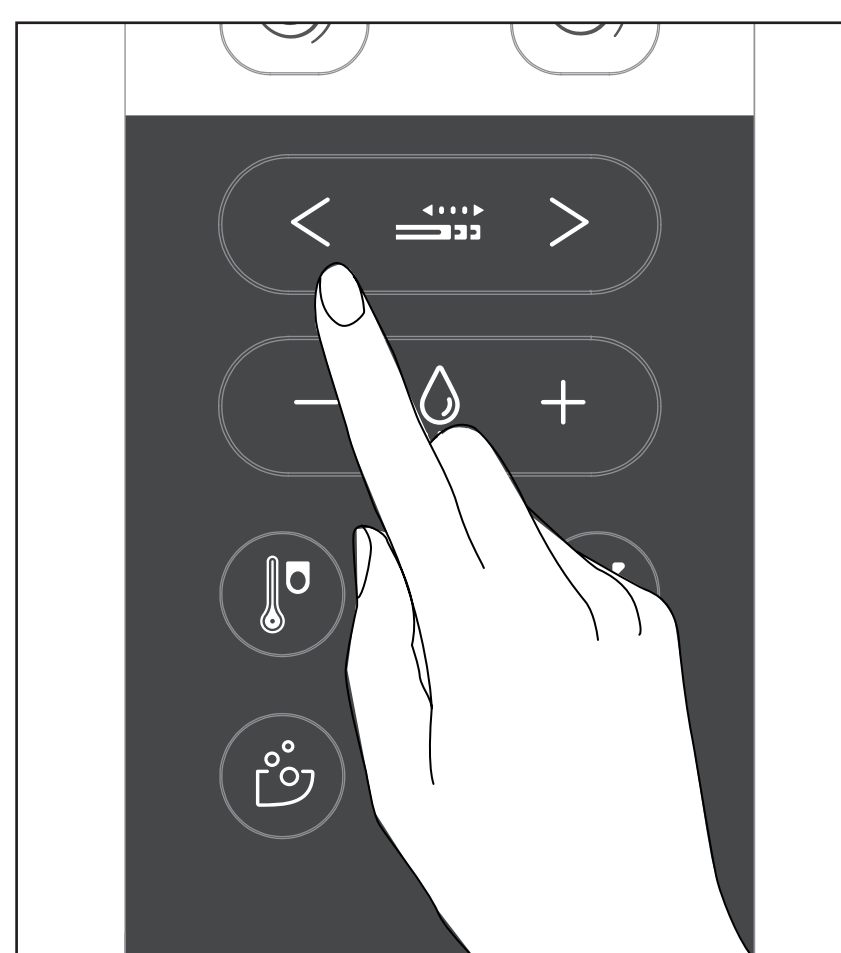


2 Press the "⌀" button once to perform a half flush.

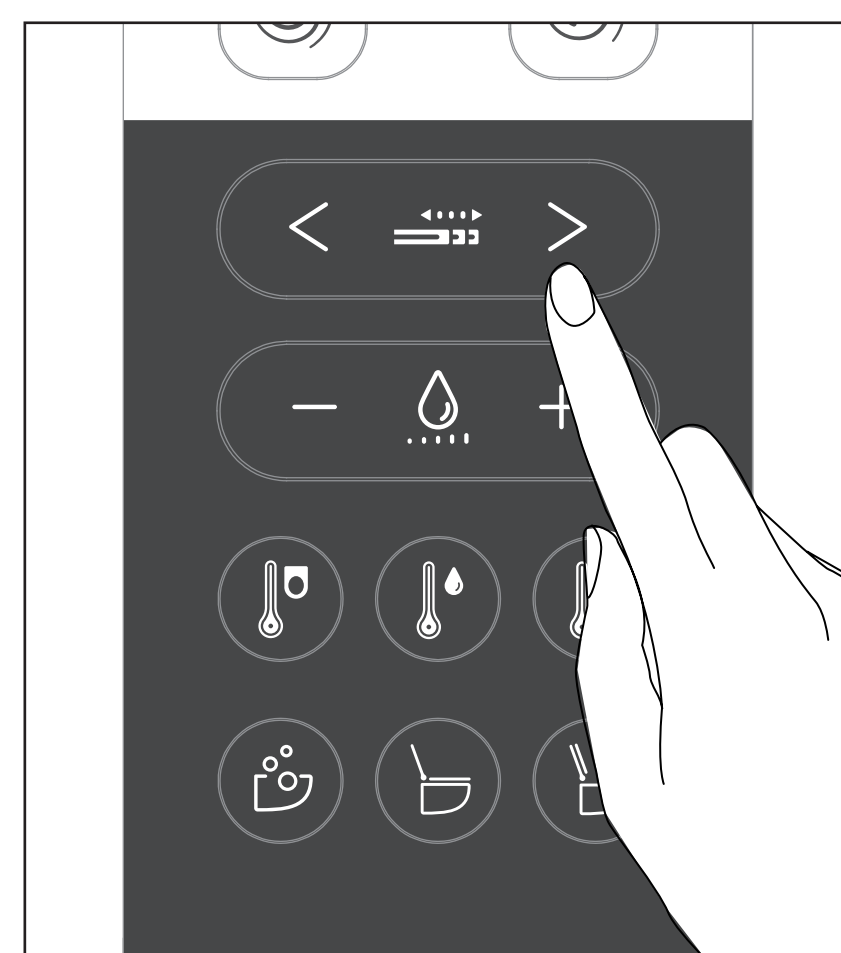


Nozzle Position Adjustment (5-Level Adjustable)

1 Press the "<" button to move the nozzle backward. When it reaches the rearmost position, two beep sounds will indicate the minimum level.



2 Press the ">" button to move the nozzle forward. When it reaches the frontmost position, two beep sounds will indicate the maximum level.

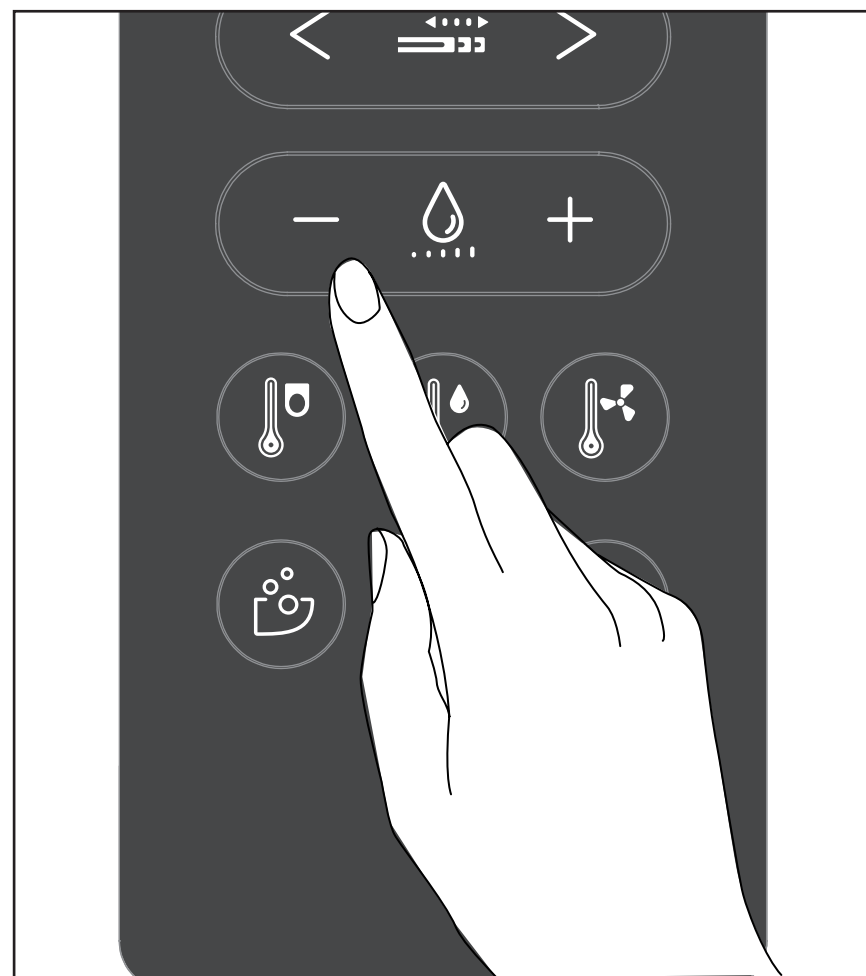


NOTE: Drawings may not exactly define contour of the product.

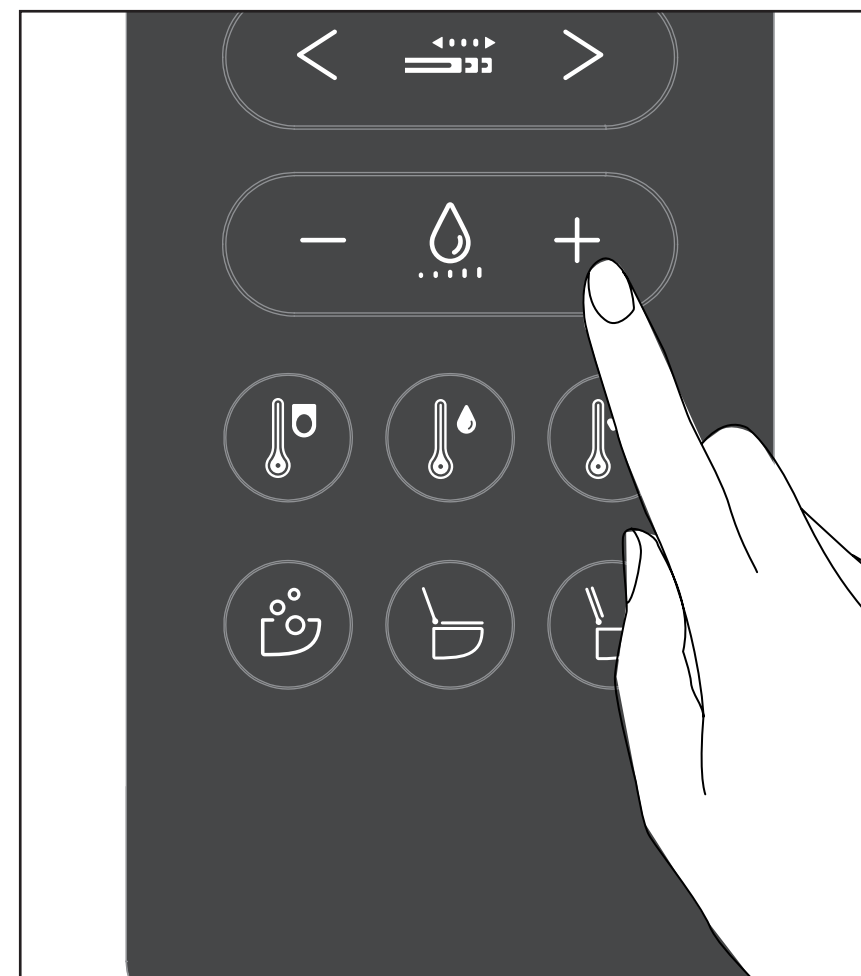


Water Volume Adjustment (5-Level Adjustable)

1 Press the "-" button to decrease the water volume. Two beep sounds indicate the minimum level has been reached.

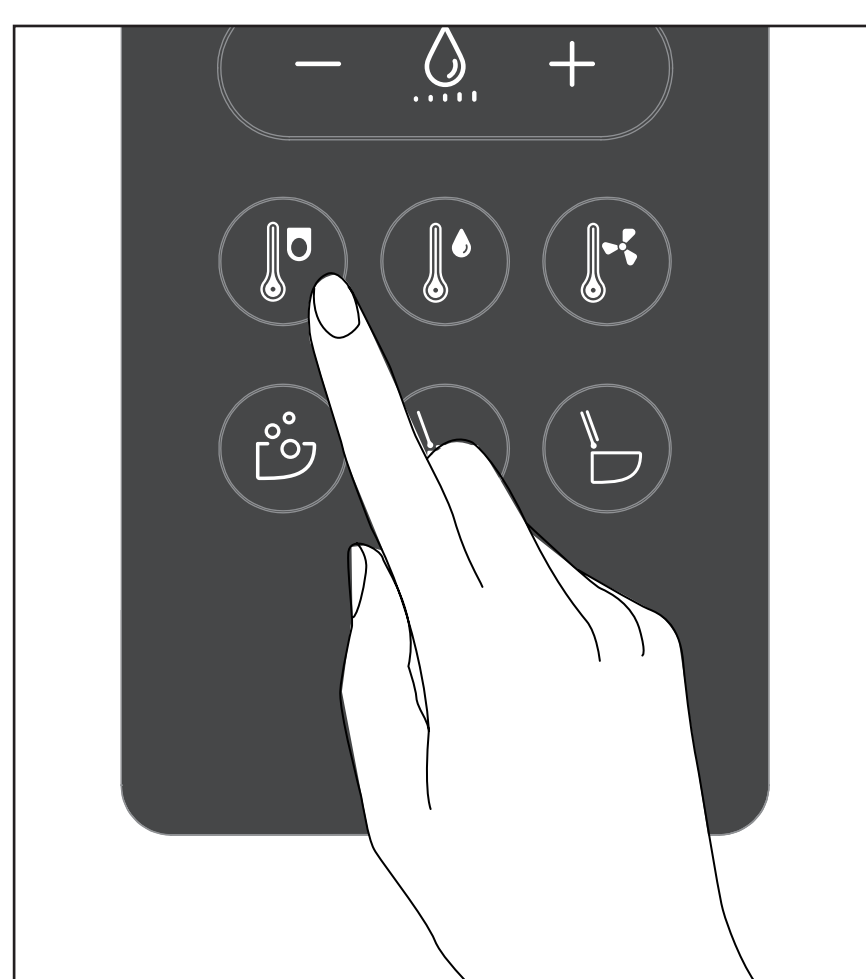


2 Press the "+" button to increase the water volume. Two beep sounds indicate the maximum level has been reached.



Seat Temperature Adjustment (6-Level Adjustable)


1 Press the "🌡️" button to adjust the seat temperature. There are 6 levels including room temperature. The temperature cycles sequentially, with level 6 being the highest. All indicator lights will turn off when set to room temperature.

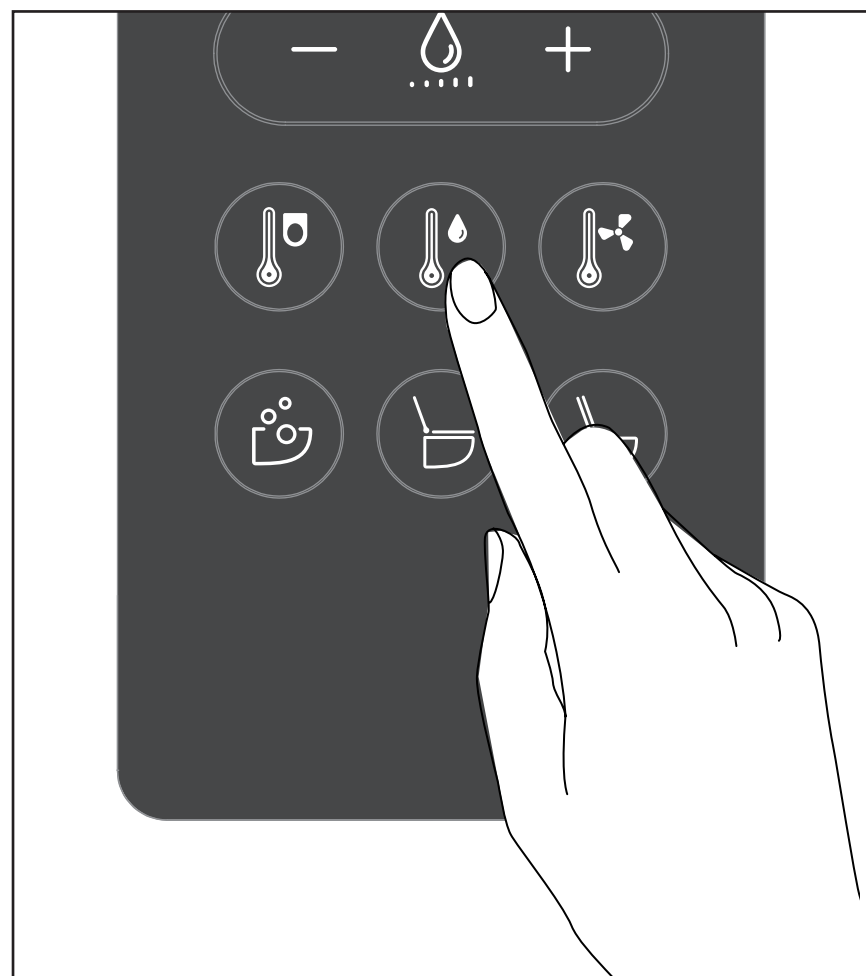


NOTE: Drawings may not exactly define contour of the product.




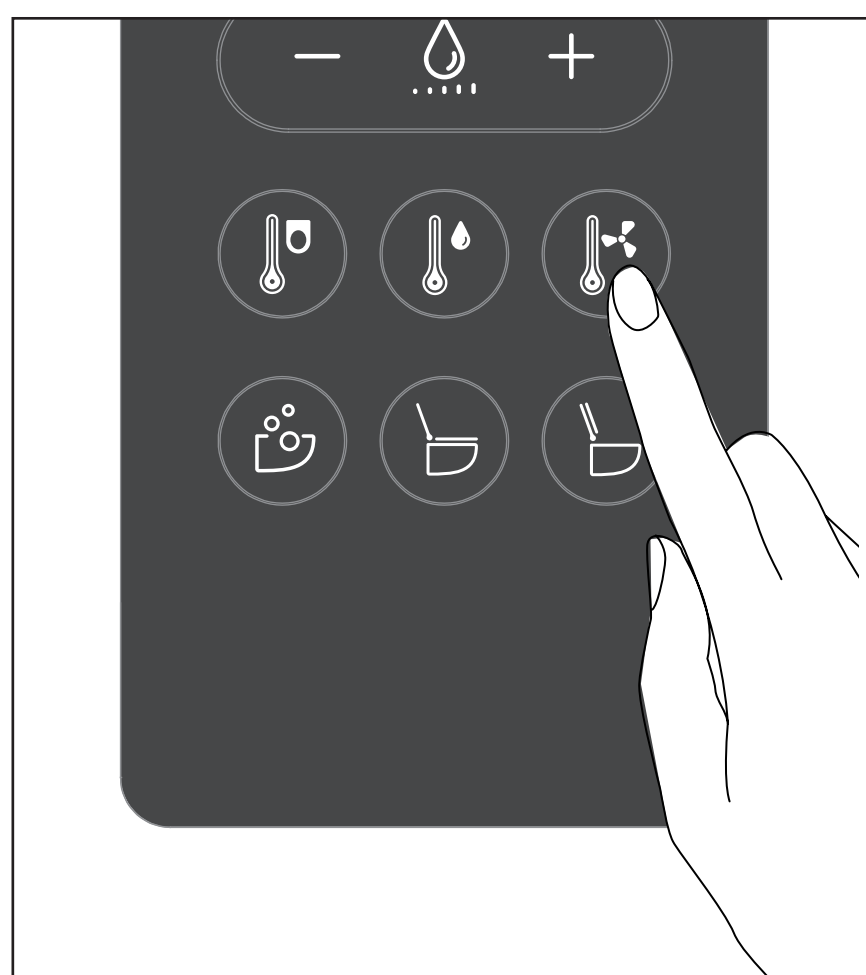
Water Temperature Adjustment (6-Level Adjustable)

- 1 Press the "  " button to adjust the water temperature for rear wash and lady wash. There are 6 levels including room temperature, with a setting range from 87.8°F to 102.2°F. The temperature cycles in sequence, with level 6 being the highest. All indicator lights will turn off when set to room temperature.



Air Temperature Adjustment (6-Level Adjustable)

- 1 Press the "  " button to adjust the air temperature in drying mode. The air temperature is divided into 6 levels including room temperature. The temperature cycles sequentially, with level 6 being the highest. All indicator lights will turn off when set to room temperature.



NOTE: Drawings may not exactly define contour of the product.

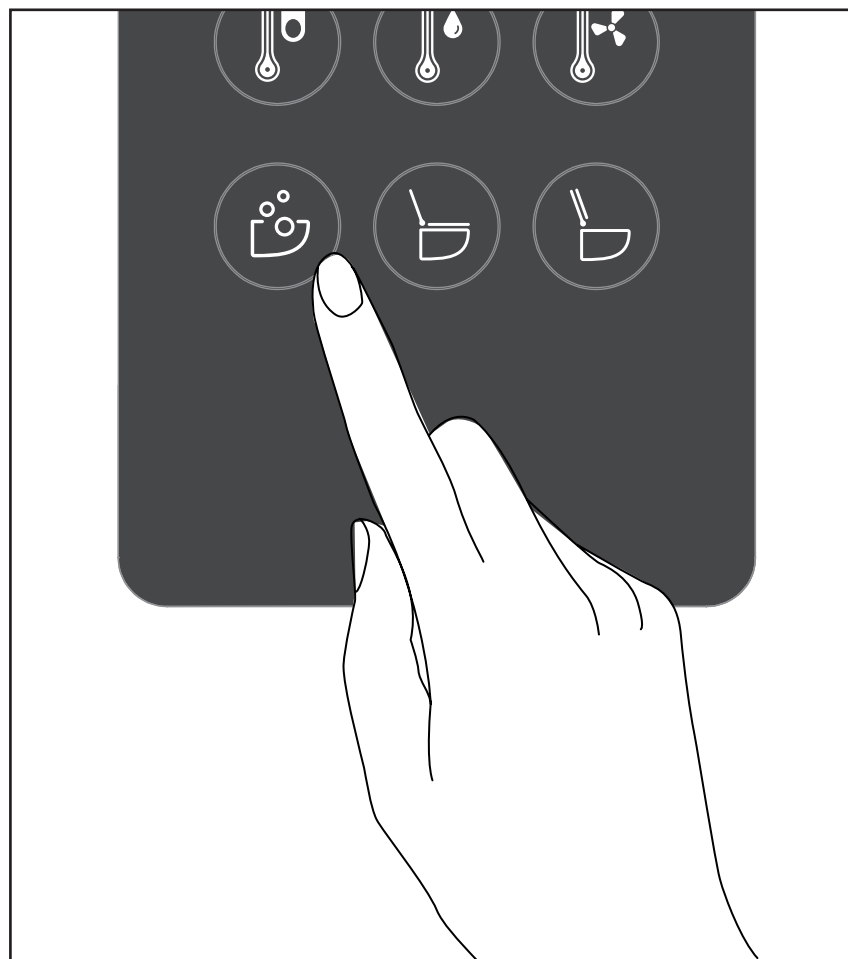


Foam Shield

(The function can be executed by pressing this button, whether seated or not.)

1

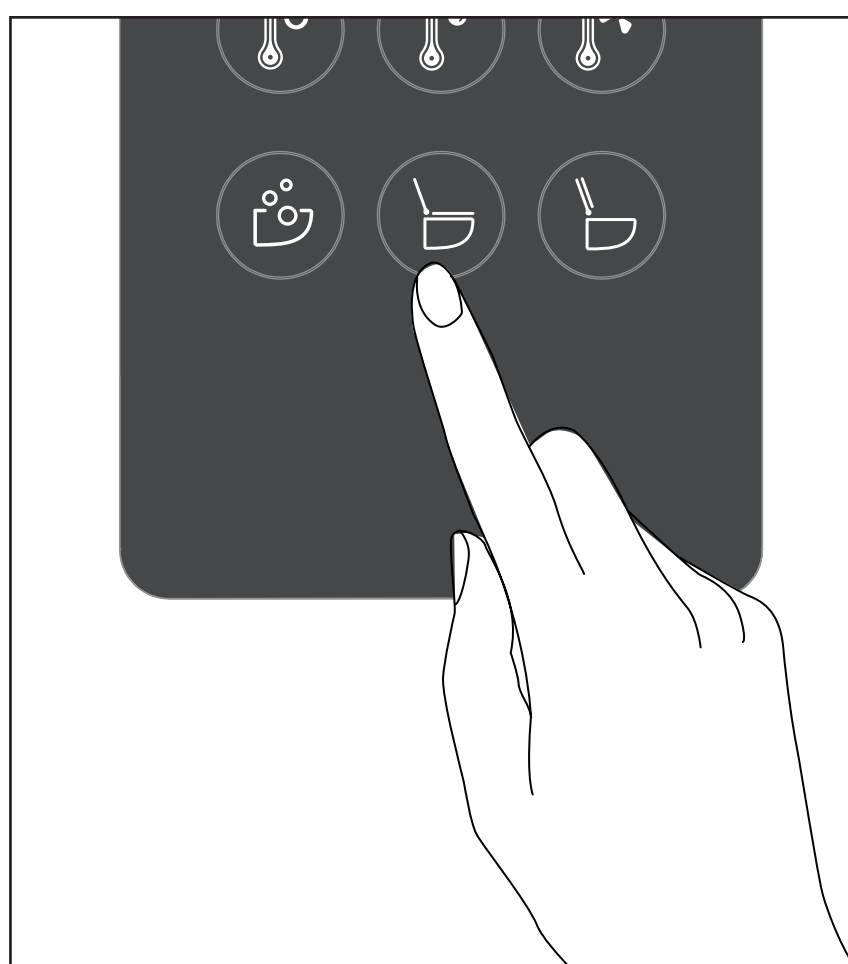
Press the "☺" foam shield button to activate the foaming function once.



Lid / Seat Open and Close Function

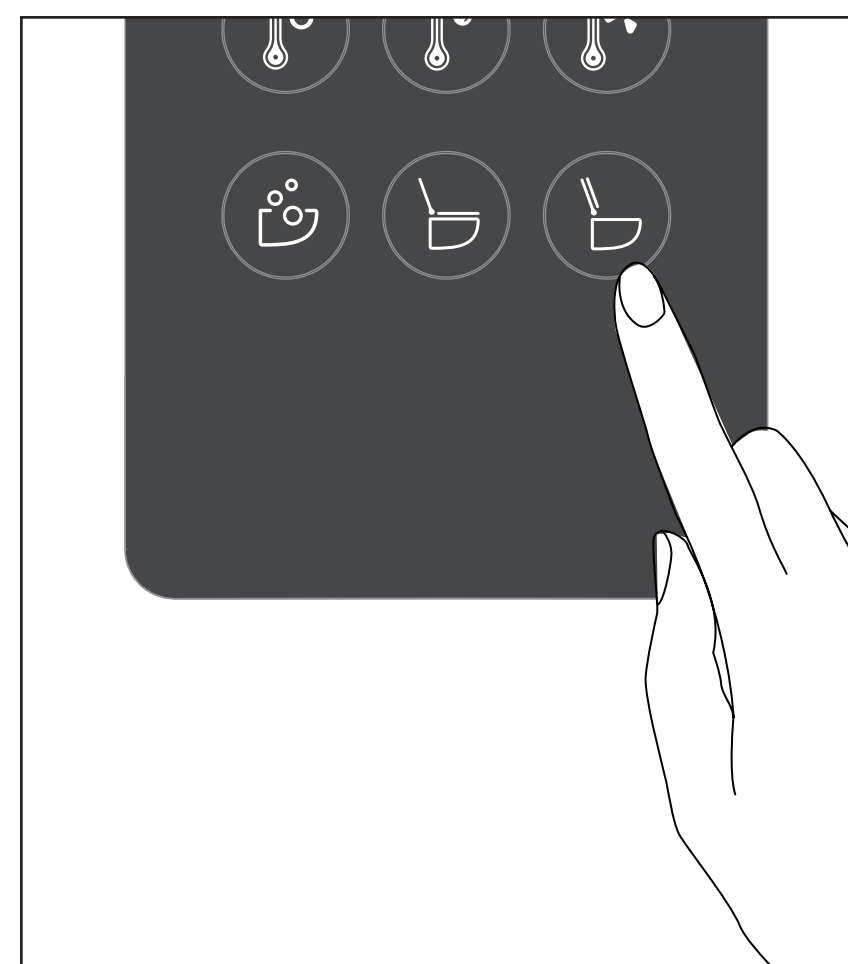
1

Press the "☺" button to open or close the toilet lid.



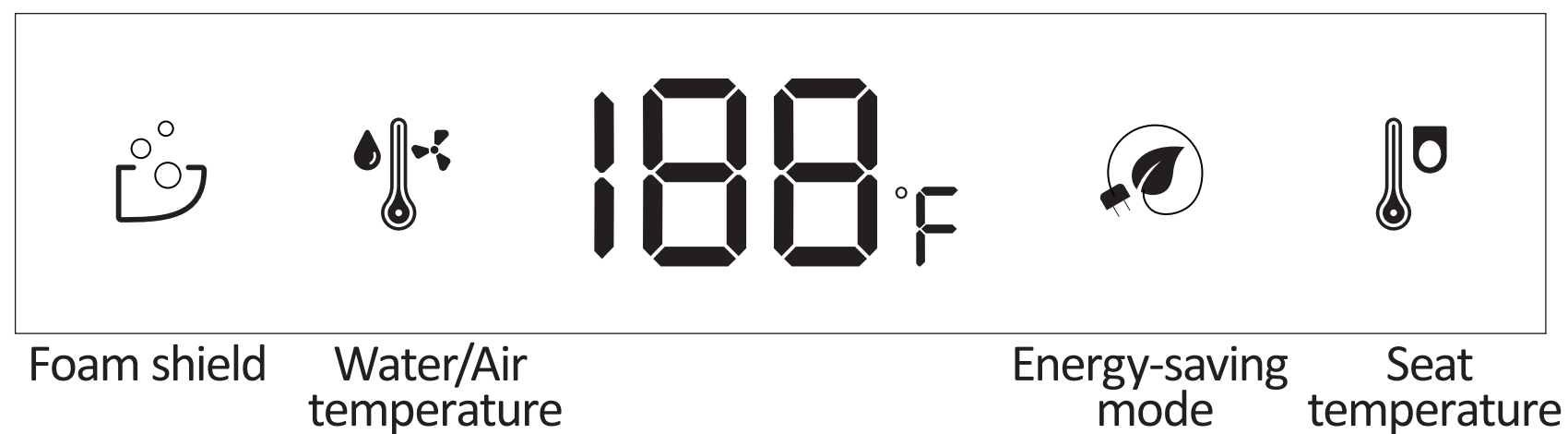
1

Press the "☺" button to open or close the toilet seat.



NOTE: Drawings may not exactly define contour of the product.

LED Screen Display



Each function on the LED screen corresponds to the remote control settings. By default, the screen displays the seat temperature setting. When the seat heating function is turned off, the LED screen will display as $--_F \text{ } ^\circ$

Automatic Deodorization Function

When seated, the deodorizing fan activates automatically and will shut off one minute after you leave the seat.

Auto Flush Function

When seated for more than 5 seconds, the toilet will flush automatically 6 seconds after you leave.

※ Press the "■" and "⊙" buttons on the remote control at the same time to turn the auto flush function on or off. You will hear one beep when turned on, and two beeps when turned off.

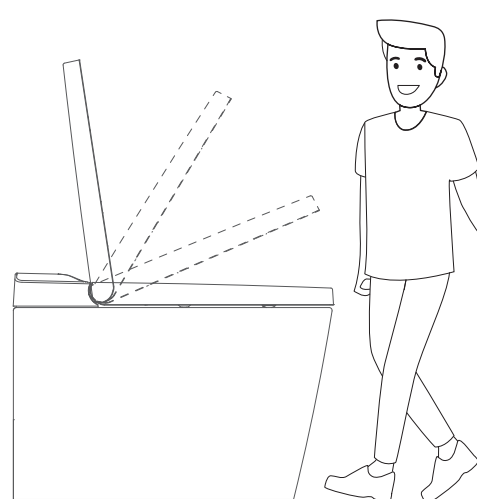
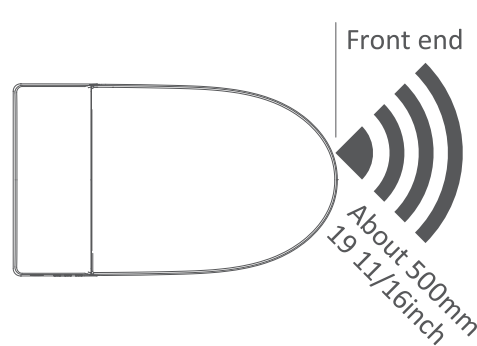
UV Sterilization Function

The UV sterilization function activates automatically after the user leaves the seat and turns off automatically after one minute.

Power-Off Flush Function

In case of a power outage, press the flush side button to perform a flush — this function works only when the backup battery pack is connected.

Auto Open / Foot Sensor Seat Open



A fan-shaped area with a radius of about 500mm (19.7 inches) and an angle of approximately 90 degrees in front of the toilet:

-The lid opens automatically when the toilet detects someone approaching.

-For male users: use the foot sensor to open the seat before urinating, and use it again to flush after urinating.

-When the lid is open, if the user leaves the sensing area, the toilet will automatically close the lid after 90 seconds.

-When the seat is open, if the user leaves the sensing area, the toilet will automatically close both the seat and lid after 90 seconds.

*The sensing area may vary depending on the height and installation position of the smart toilet.

*Press the "■" button and the "☺" button on the remote control at the same time to turn the automatic lid opening function ON/OFF. One beep indicates ON; two beeps indicate OFF.

NOTE: Drawings may not exactly define contour of the product.

Remote Control Compound Key Descriptions

Auto Open ON/OFF

The default setting is ON. Press the "■" and "☞" buttons at the same time to toggle auto open function. One beep indicates the function is turned ON, two beeps indicate it is turned OFF.

Eco Mode ON/OFF

The default setting is OFF. Press the "■" and "☺" buttons at the same time to toggle eco mode. One beep indicates eco mode is ON, two beeps indicate eco mode is OFF.

Night Light ON/OFF

The default setting is ON. Press the "☹" and "☺" buttons at the same time to toggle the night light. One beep indicates the night light is ON, two beeps indicate it is OFF.

Sound ON/OFF

The default setting is ON. Press the "■" and "☺" buttons at the same time to toggle sound. One beep indicates sound is ON, two beeps indicate sound is OFF.

Auto Foam Shield ON/OFF

The default setting is ON. Press the "■" and "☺" buttons at the same time to toggle this function. When OFF, the foam shield can only be activated manually by pressing the "☺" button. When ON, the foam shield is automatically activated each time someone sits on the seat.

NOTE: Drawings may not exactly define contour of the product.

Nozzle Clean/Replacement

Press the "■" and "🚿" buttons at the same time to extend the nozzle without water flow for cleaning or replacement. Press any button on the remote control to retract the nozzle. One beep indicates the operation was successful.

Auto Flush ON/OFF

The default setting is ON. Press the "■" and "🌀" buttons at the same time to toggle auto flush. One beep indicates auto flush is ON, two beeps indicate auto flush is OFF.

Foot Sensor ON/OFF

The default setting is ON. Press the "■" and "👣" buttons at the same time to toggle the foot sensor function. One beep indicates the function is ON, and two beeps indicate it is OFF.

Pre-Wet Function ON/OFF

The default setting is ON. Press the "🌀" and "💧" buttons at the same time to toggle pre-wet. One beep indicates pre-wet is ON, two beeps indicate pre-wet is OFF.

Auto Deodorization ON/OFF

The default setting is ON. Press the "■" and "✂️" buttons at the same time to toggle this function. One beep indicates auto deodorization is ON, two beeps indicate it is OFF.

°F / °C Switch

The screen display can switch between °F and °C by pressing the "■" and "←→" buttons at the same time. One beep indicates a successful switch.

NOTE: Drawings may not exactly define contour of the product.

Chapter 4 Cleaning and Maintenance

4.1 Toilet Seat Cleaning

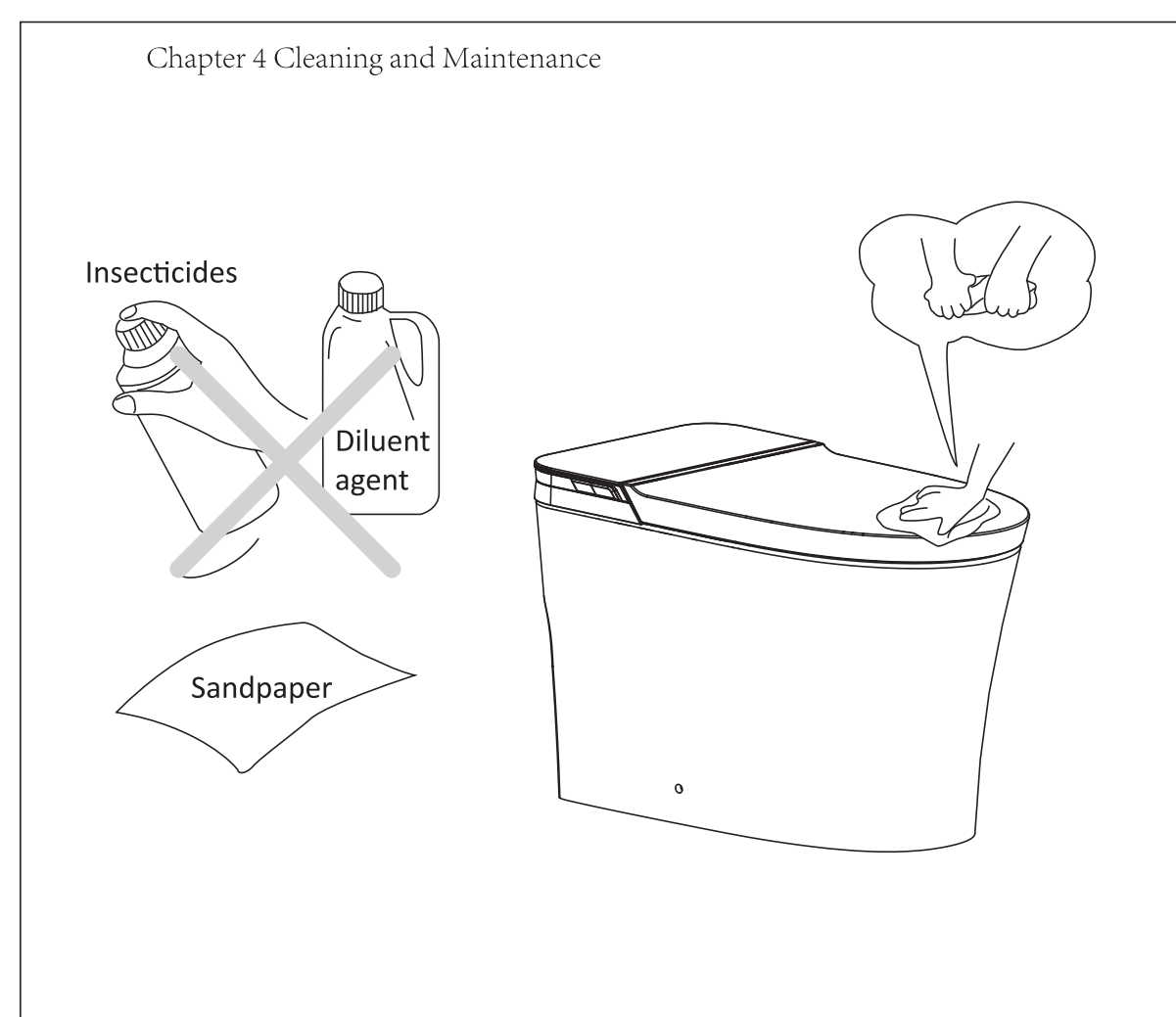
Clean the toilet regularly, or immediately after it becomes soiled. Infrequent cleaning may cause dirt build-up, making stains more visible and harder to remove. Always turn off the power before cleaning the product's surface.

Do not allow liquids such as water or detergent to come into contact with the internal components or the power plug, as this may result in short circuits, electric shock, or fire.

Improper cleaning methods may cause discoloration or peeling of the surface coating.

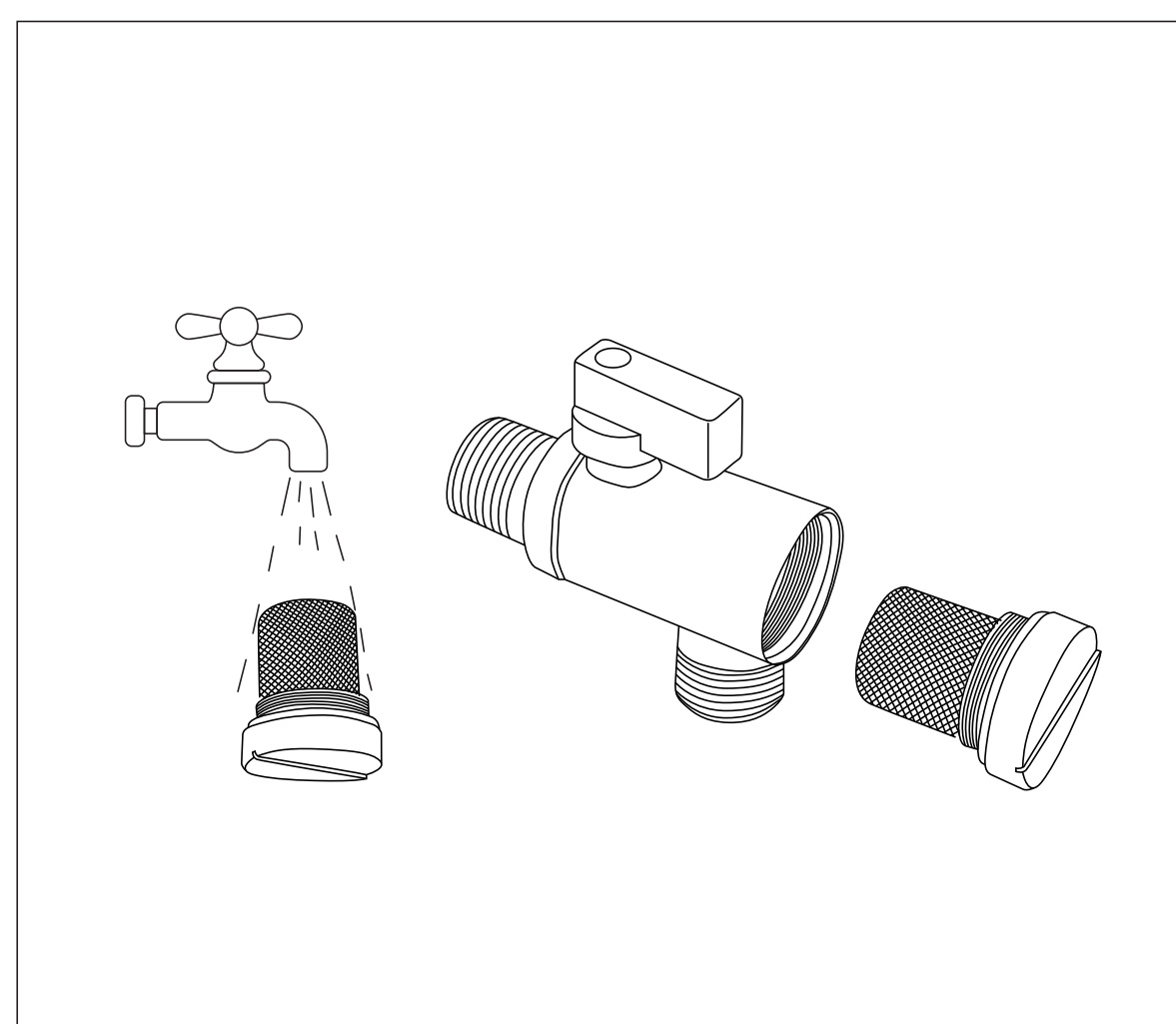
- Do not use harsh detergents or cleaning agents that contain chlorine or acid.
- Use only cleaning products and tools specifically intended for this type of product.
- Always follow the manufacturer's instructions for any cleaning products used.
- Never mix different cleaning agents.

For daily cleaning, wipe the surface with a soft cloth dampened with water and wrung out thoroughly. Neutral soap is recommended for routine use.



Cleaning the External Parts of the Product

- Use a sponge or soft cloth with room temperature water or a neutral cleaner to wipe the product's surface.
- Lift the lid and seat when cleaning other parts with detergent.
- Wait until the cleaner on the ceramic toilet seat is completely rinsed off before closing the lid. Otherwise, evaporation of the cleaner may corrode the surface.



Cleaning the Filter

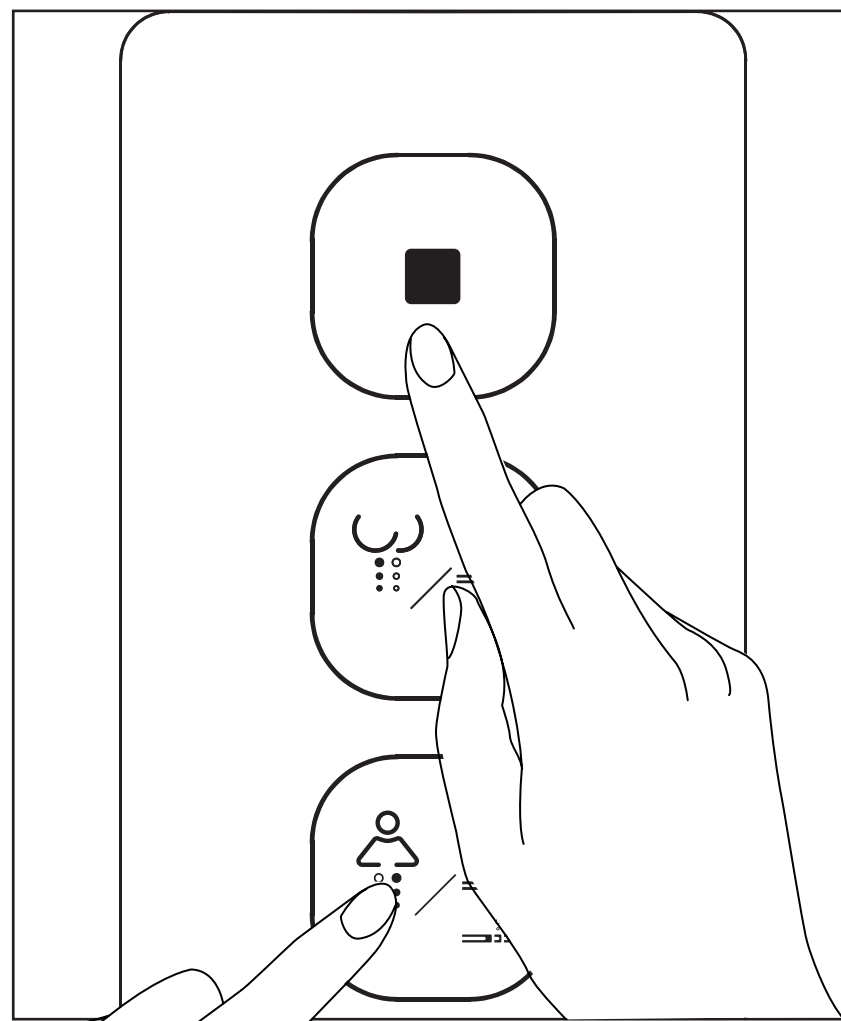
- Disconnect the power and close the angle valve. Then unscrew the filter from the angle valve, remove it, and rinse it under running water to clean out impurities.
- Clean the filter when the water flow becomes weaker than normal.
- After cleaning, reinstall the filter.

NOTE: Drawings may not exactly define contour of the product.

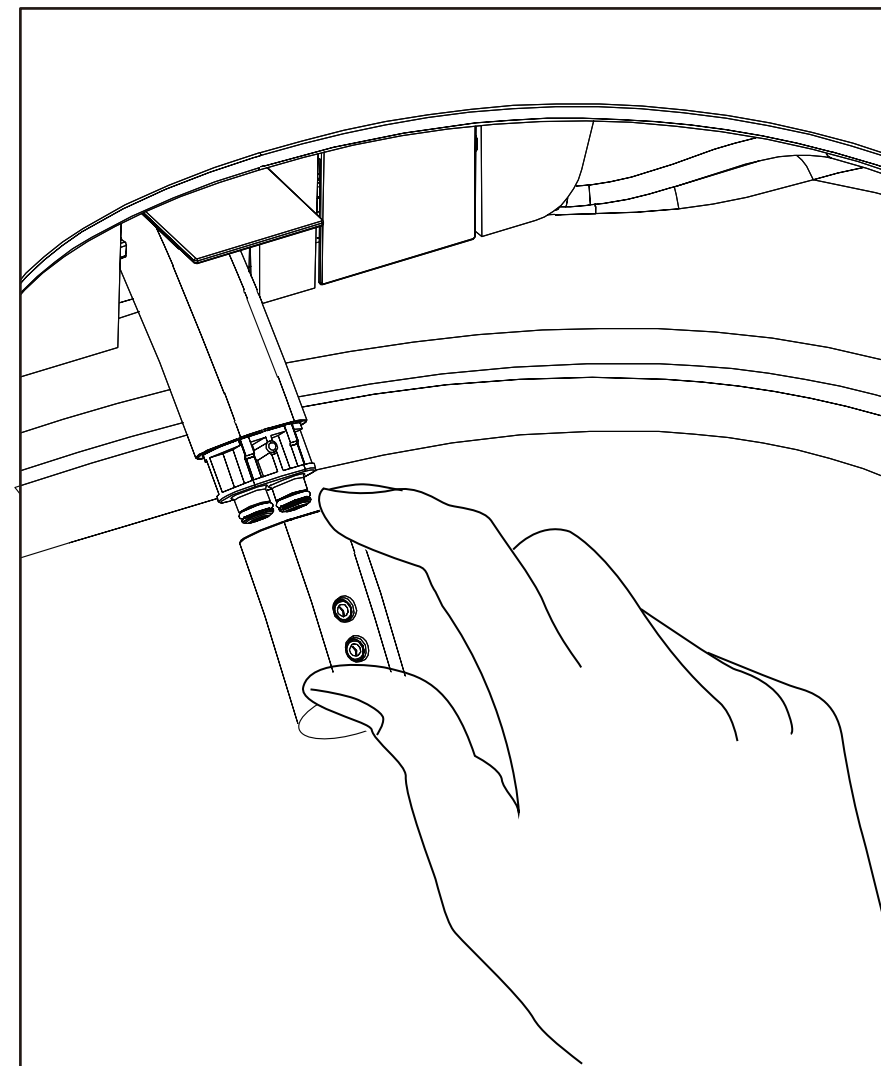
4.2 Spray Wand and Nozzle Cleaning

The retracted nozzle is automatically cleaned before and after each use of the cleaning function.

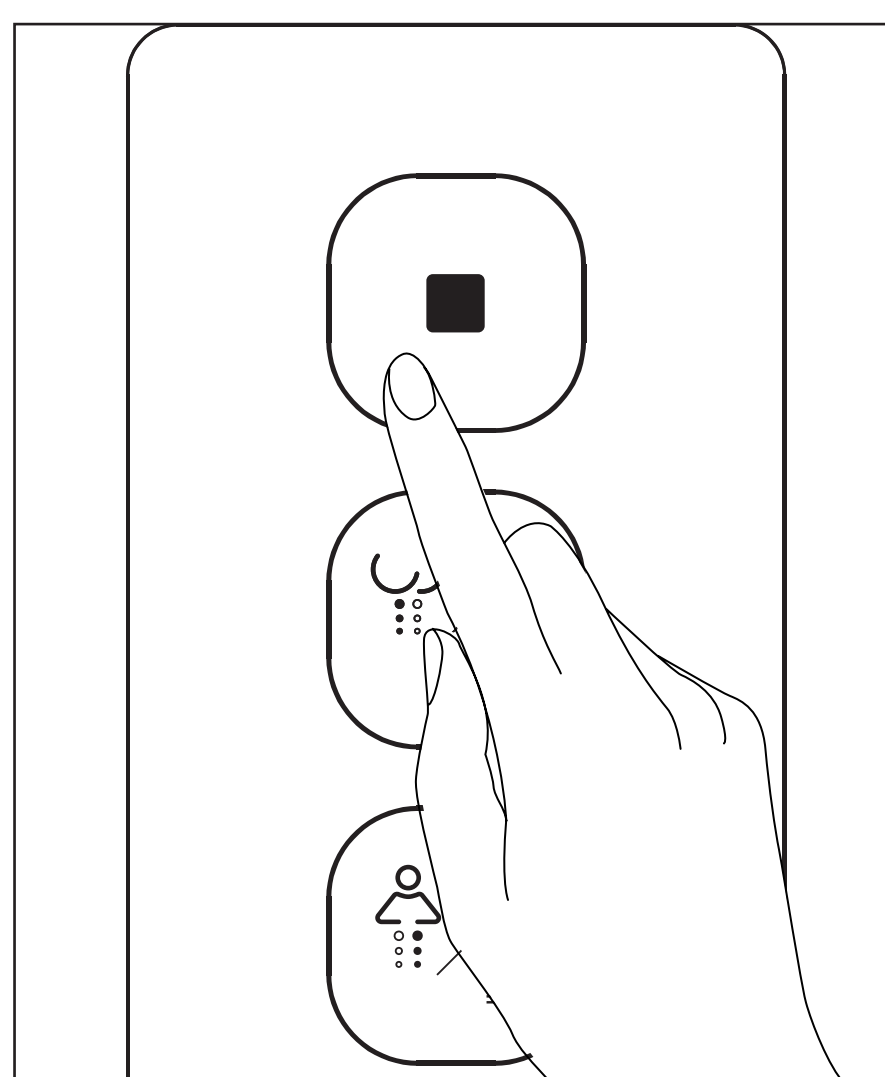
- Clean the nozzles of the spray wand regularly or immediately when dirt is found.



a. Press the "■" and "👤" buttons on the remote control at the same time. The cleaning nozzle will extend without spraying water, allowing you to clean or replace the nozzle.



b. Remove the nozzle and clean it using a cloth, sponge, or brush with a neutral detergent.



c. After cleaning, reinstall the nozzle, then press the "■" on the remote control to retract the spray arm and nozzle.

4.3 Remote Control Cleaning

Use a soft cloth to clean both the remote control and its holder.

NOTE: Drawings may not exactly define contour of the product.

4.4 Waste Disposal

Electrical and electronic equipment may contain hazardous or harmful substances. Do not dispose of them as unsorted household waste. Please take them to a designated recycling center. By doing so, you help conserve resources and protect the environment. For more information, contact your retailer or local authorities

Used batteries must be disposed of properly. Battery recycling bins with appropriate labels are available at stores that sell batteries and at community collection points.

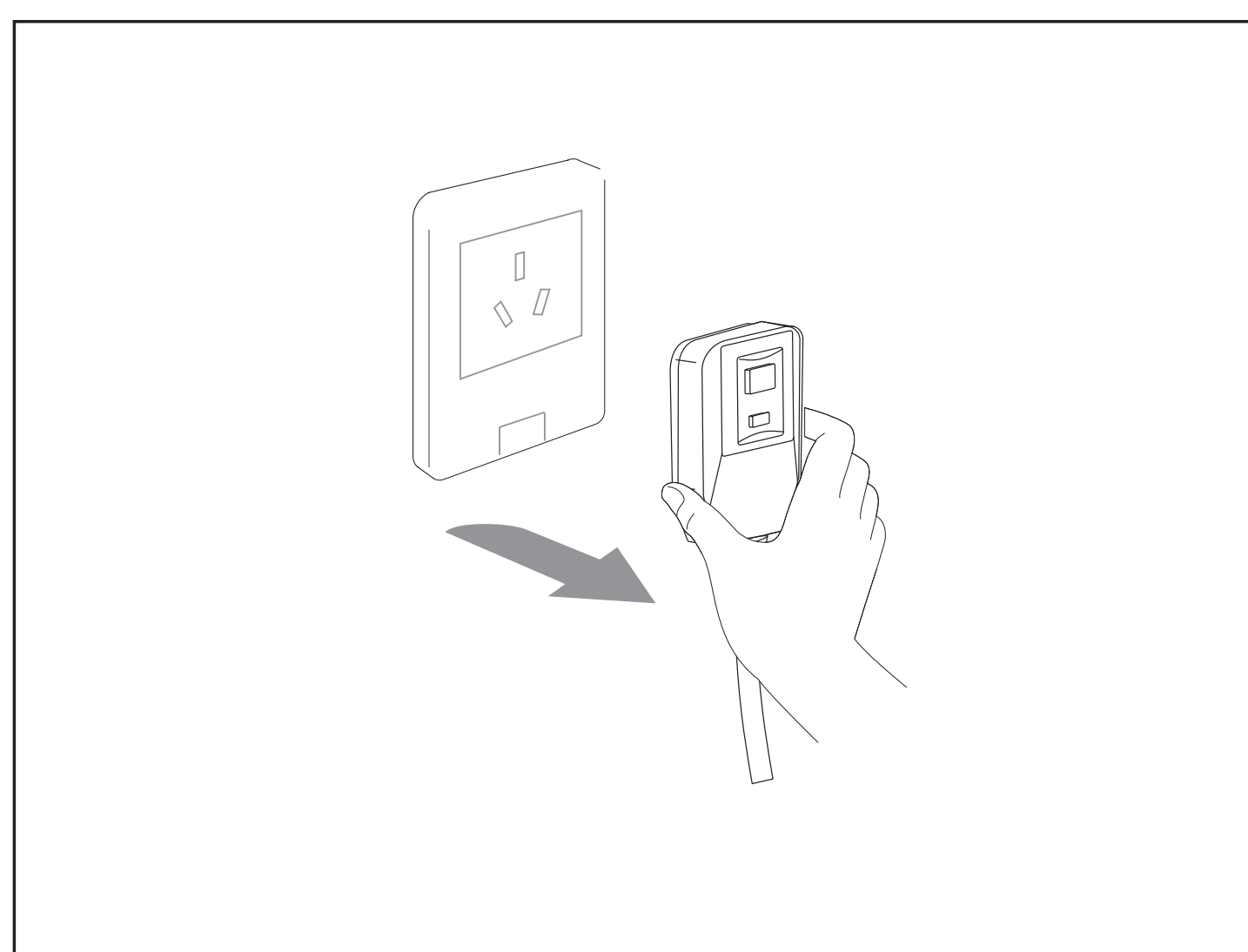
To prevent possible choking hazards or injury, do not allow children to play with plastic bags or product packaging. Keep such materials in a safe place or recycle them in an environmentally responsible manner. If possible, retain the packaging materials until the end of the warranty period.

4.5 Product Maintenance

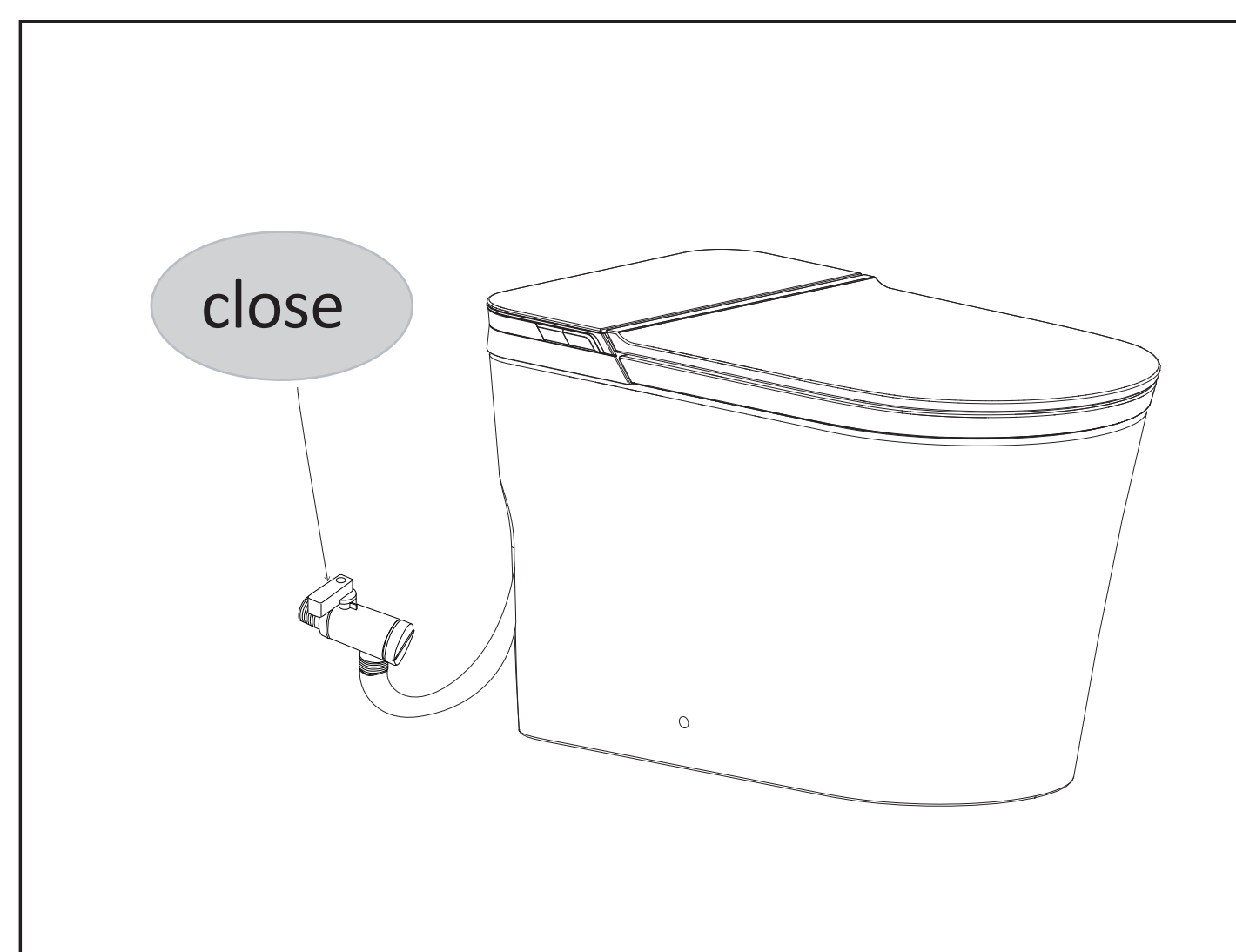
Close the angle valve and remove the hose to drain the water in the following cases:

- When water may freeze in cold environments.
- When the product will not be used for an extended period.

Otherwise, residual water may deteriorate and cause skin infections.

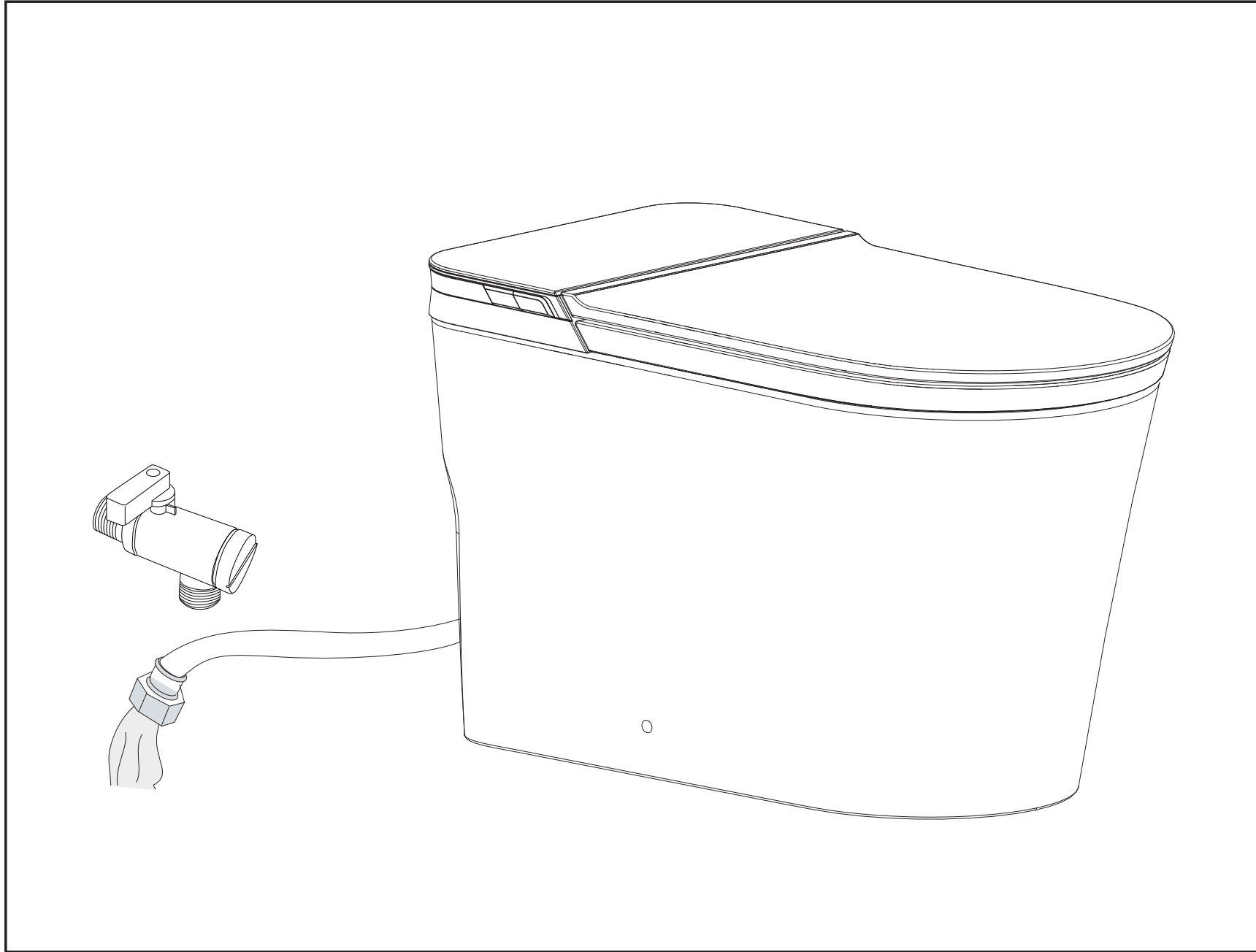


a. Disconnect the power and unplug the power cord.



b. Close the angle valve to stop the water supply to the system.

NOTE: Drawings may not exactly define contour of the product.



- c. Remove the water inlet hose from the angle valve to drain the water.

4.6 Winter Maintenance

When freezing conditions may occur, such as during winter, take precautionary measures to prevent damage to hoses or the product caused by freezing.

To protect hoses and the product from freezing damage, follow these steps:

1. Increase the room temperature.
2. Close the angle valve and drain the water inlet hose.

NOTE: Drawings may not exactly define contour of the product.

Chapter 5 Troubleshooting

Recommendations: Basic initial operation in case of malfunction.

Disconnect the toilet from the mains power and wait at least 3 minutes before re-connecting it. If the product still does not function properly after following these instructions, please contact the customer service center or your distributor.

Issue	Possible Cause	Solution
Basic Function		
Product not working	Is power supply turned off?	Turn on the power supply.
	Is loose socket or poor contact?	Please re-plug and ensure that the power supply is restored.
	Is power button did not pressed?	Press the power button for the toilet.
	Is it in standby mode?	Switch to the open mode.
Water leakage	Malfunctions	Close the main water supply. Turn off the power. Call the customer service.
Remote Control		
Remote control icon flashing during operation (not always on)	Low battery power?	Replace with new batteries.
Remote control doesn't work	Low battery?	Replace with new batteries.
	Did the battery run out?	Replace with new batteries.
	Does the positive and negative pole of the battery set correctly?	Reset the batteries in the correct direction.
	Is the remote control defective?	Call the customer service.



Warning

**Do not disassemble, repair or modify the toilet by yourself.
It may cause electric shock, fire or malfunction.**

NOTE: Drawings may not exactly define contour of the product.

Issue	Possible Cause	Solution
Rear Wash/Lady Wash		
It takes too long to switch from rear wash and lady wash	The nozzle needs the time to do the self-clean when switch from rear wash to lady wash	This is normal phenomenon.
Nozzle does not extend after pressing the “rear wash” or “lady wash” buttons	Inlet hose bending cause blockage?	Check the inlet hose and make sure it is not bend. If it still not working, call the customer service.
Nozzle extends without water	Is water supply cut off ?	Open the water supply.
	Is the angle valve closed or stop by impurities?	Open or clean the angle valve.
	Inlet hose bending cause blockage?	Check the inlet hose and make sure it is not bend. If it is still not work, call the customer service.
	Is the nozzle blocked?	Wash the nozzle.
Nozzle come out water disorderly	Abnormal operation or toilet malfunction.	Pull out the plug, reconnect after one minute and restart the toilet. If it is still not work, call the customer service.
The water volume is too weak	Is water volume set on the lowest setting?	Reset the water volume on a higher setting.
	Is cleaning nozzle blocked?	Clean the nozzle.
	Is the inlet water filter screen blocked?	Clean the filter in angle valve.
	Is the water hose deformed?	Call the customer service
Water temperature is not warm enough	Is water temperature set to “off” or on the lowest setting?	Reset the water temperature on a higher setting.
The water temperature is too high	Is water temperature set on the highest setting?	Reset the water temperature on a lower setting.
The nozzle suddenly stopped spraying water	User left the seat. Or the nozzle will move back automatically after 3 minutes wash.	This is normal phenomenon.
The retraction nozzle is dripping	The nozzle is do the self clean automatically when switch from rear wash to lady wash.	This is normal phenomenon.

NOTE: Drawings may not exactly define contour of the product.

Issue	Possible Cause	Solution
Warm Air Drying		
Drying function does not work	Is the seat sensor being contacted?	Sit on the seat sensor again and press drying button.
Drying temperature is too low	Is drying temperature set to “off” or on the lowest setting?	Reset the drying temperature on a higher setting.
Drying temperature is too high	Is drying temperature set on the highest setting?	Reset the drying temperature on a lower setting.
Deodorization		
It is too loud when deodorization function is working	Is dust clogged in deodorization device?	Clean the deodorization device or call the customer service.
Open/Close the Lid or Seat		
Lid and seat can not open/close by remote control	Disorder software or damaged components	Restart the toilet. If it did not work, contact the customer service.

■ Malfunction Indication

Failure Type	Failure Condition	Failure Phenomenon	Failure Clear	Failure Indication
Water flow	After the water inlet valve is opened, the flow meter feedback flow rate is small.	Water temperature does not heat or nozzle withdraw back, and the rest of the functions work normally.	After the flow rate returns to normal.	The display shows the E1 and flash for 120 seconds.
Water- inlet temperature sensor	Faulty water temperature sensor or abnormal temperature.	Water temperature does not heat or nozzle withdraw back, and the rest of the functions work normally.	The inlet water temperature sensor is repaired or the temperature returns to normal.	The display shows the E2 and flash for 120 seconds.
Water outlet temperature sensor	Faulty water temperature sensor or abnormal temperature.	Water temperature does not heat or nozzle withdraw back, and the rest of the functions work normally.	The outlet water temperature sensor repairs or the temperature returns to normal.	The display shows the E2 and flash for 120 seconds.
Air temperature sensor	Faulty air temperature sensor or abnormal temperature.	Air temperature does not heat , and the rest of the functions work normally.	The air temperature sensor repairs or the temperature returns to normal.	The display shows the E3 and flash for 120 seconds.
Seat sensor	Faulty seat temperature sensor or abnormal temperature.	The seat does not heat , and the rest of the functions work normally.	The seat temperature sensor is repaired or the temperature returns to normal.	The display shows the E4 and flash for 120 seconds.

NOTE: Drawings may not exactly define contour of the product.

Contact Customer Service Immediately If Any of the Following Occurs:

- The indicator light on the toilet continues blinking 30 seconds after the power has been re-connected. (Please unplug the power supply.)
- The indicator light does not turn on 30 seconds after the power has been reconnected.
- Smoke or abnormal sounds are detected. (Please unplug the power supply.)
- No warm air is emitted, or the warm air suddenly turns cold during use and does not return to normal after reconnecting the power supply.

NOTE: Drawings may not exactly define contour of the product.

Chapter 6 Technical Data

Product Model		DV-1S0290-V3	
Ceramic Pit Distance		305 mm/12 inch	
Rated Voltage		AC 120V (60Hz)	
Power Rating		1050W	
Nominal Water Consumption		Full Flush <5.8L, Half Flush <4.0L	
Operating Environment		39.2°F – 104°F; ≤95% Relative Humidity	
Power Cord Length		≥1 m/3.3 ft	
Cleaning Functions	Water Pressure		11 psi – 108 psi (Static Pressure)
	Water Inlet Temperature		39.2°F – 95°F
	Warm Water Heating Method		Instant Heating
	Cleaning Modes		Rear Wash / Lady Wash / Mobile Wash / Massage Wash
	Nozzle Position Adjustment	Rear Wash	5 levels
		Lady Wash	5 levels
Safety Devices		Temperature Fuse Wire, Temperature Controller	
Seat	Seat Temperature		5 Levels + Room Temp
	Safety Devices		Temperature Sensor, Temperature Fuse
	Open/Close Mechanism		Sensor or Remote Control
Drying	Minimum Air Volume		0.2 m ³ /min
	Drying Time		3 minutes
	Warm Air Temperature		5 Levels + Room Temp
	Safety Devices		Thermo Controller, Temperature Fuse
Deodorization Method		Cold Catalyst	
Additional Safety Feature		Leakage Protection	
Net Weight		48 kg (Including Ceramic)	

Note: Rated power is the average power that under the conditions of ambient temperature of 71.6 ± 1.8 ° F, inlet static pressure of $30\text{psi} \pm 3\text{psi}$, inlet water temperature of 59 ± 1.8 ° F, turn on the rear wash function and set the water flow, seat temperature and water temperature to the highest level successively, then start rear/lady wash function immediately, record the average power for 60 seconds as the rated power value of the unit.

NOTE: Drawings may not exactly define contour of the product.

LIMITED WARRANTY COVERAGE

2-YEAR LIMITED WARRANTY

DeerValley products are made with quality materials and excellent craftsmanship to provide customers with a long-lasting product. If any defects in materials or craftsmanship are found under normal use within the first two years of delivery, DeerValley will provide replacement parts at no charge or, at its option, replace any product or part of the product deemed defective under normal installation, use, service, and maintenance. This warranty applies only to the original purchaser. Proof of purchase will be required to process any claims. **SCRATCHES ARE NOT COVERED UNDER WARRANTY.**

The manufacturer warrants this product to be free of manufacture defects during the above mentioned warranty time. Please keep a copy of the original invoice as proof of purchase.

DeerValley will, as its option, (1) repair or replace the defective part(s) or product(s) at no charge; (2) issue a refund of the original purchase price of the product(s) (Valid within 30 days from the date of delivery); or (3) issue a credit to be applied toward the purchase of a new DeerValley product shipping/delivery charges may apply and are in DeerValley sole discretion.

DeerValley recommends the installations to be made by a licensed, professional plumber. DeerValley will not be held responsible for any damage or product failure due to improper installation, misuse, or failure to use a licensed professional. DeerValley is not responsible for any removal or installation cost.

This limited warranty shall not apply to goods which have been subject to accident, negligence, improper installation, product abuse, product misuse, or use of cleaners containing abrasives, alcohol or other organic solvents, whether performed by a contractor, service company, or yourself, are excluded from this warranty.

DeerValley responsibility under this limited warranty is limited to only to replacement parts and no other costs. DeerValley will not be responsible for labor charges and/or damage incurred by installation, repair or replacement, nor for any indirect incidental or consequential damages, losses, injury or costs of any nature relating to this product Except as provided by law, this limited warranty is in lieu of and excludes all other warranties, conditions, and guarantees, whether expressed or implied, statutory or otherwise, including without restriction those merchantability of fitness for use.

RESPONSIBILITIES OF OTHERS

Inspecting the unit prior to installation is the responsibility of the installer or building contractor who acts on behalf of the user. They are responsible for ensuring the unit is free of defect or damage.

Notices are placed on and in the unit and on the shipping carton advising the installer of this responsibility.

In the event of a problem, the unit must not be installed. DeerValley is not responsible for failures or damage that could have been discovered, repaired, or avoided by proper inspection and testing prior to installation.

Damage occurring in transit is the responsibility of the carrier. The user or installer **MUST** open the crate and inspect the unit for damage when it is delivered. If damage is discovered, it must be reported immediately to the seller and the carrier in writing, and an inspection requested. Failure of the carrier to respond should be reported to the seller and the carrier. Your freight claims should be filed promptly thereafter.

LIMITATIONS AND EXCLUSIONS

This warranty does not cover instances of negligence, misuse, abuse, improper installation, carelessness, accident, hard water or mineral deposits, exposure to corrosive materials, misapplication, damages caused by improper maintenance, alteration of the product, or failure to follow care or installation instructions enclosed with your product. The warranty becomes invalid if the DeerValley product undergoes any alterations or if attempts are made to carry out repairs using unauthorized accessories or parts from DeerValley.

DeerValley will not be liable for loss of use of the DeerValley products, inconvenience, or any other incidental or consequential costs, expense or damages. Please note that some states do not allow the exclusion or limitation of incidental damages.

DISCLAIMER

Except as expressly provided, there shall be no warranty or obligation, express or implied, oral or statutory. No dealer or other person has the authority to make any warranties or representations concerning DeerValley or its products. In no event shall DeerValley be held responsible for any such warranties or representations.

WARRANTY SERVICE

NOTE: When requesting warranty, be sure to have the following:

- Copy of original invoice
- Date of installation
- Description and pictures of defect
- Model number or description of model

To obtain warranty service and replacement part, please contact DeerValley Customer Service. DeerValley will determine whether to repair or replace your product, issue a refund, or issue a credit.