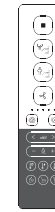
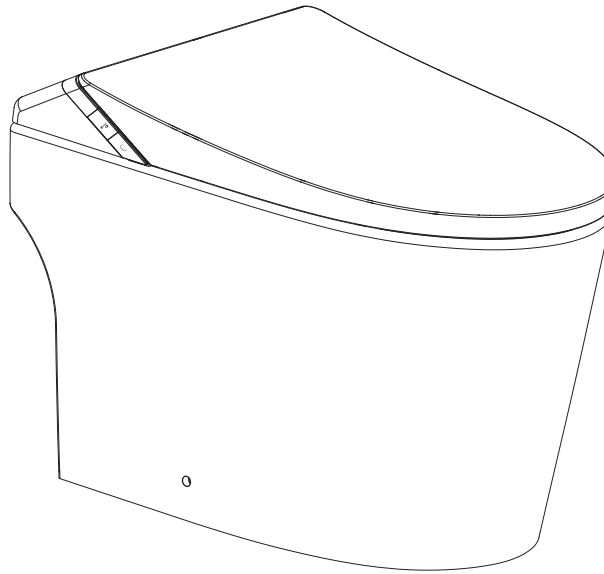
Smart Toilet
Installation Instruction and User Manual

For Smart Toilet (Model No. STV01A)





Service Hotline: +13023368180

Thank you for purchasing this STV01A Smart Toilet.
Before you install and use it, please read the instructions and related illustrations carefully.
There may be differences between the actual product and the illustrations.
If you encounter any problems with installation or performance, please do not hesitate to contact us.

IMPORTANT SAFEGUARDS

When using electrical products, especially when children are present, basic safety precautions should always be followed, including the following:

READ ALL INSTRUCTIONS BEFORE USING

DANGER– To reduce the risk of electrocution:

1. If the product will not be used for an extended period, unplug it.
2. Do not use while bathing.
3. Do not place or store product where it can fall or be pulled into a tub or sink.
4. Do not place in or drop into water or other liquid.
5. Do not reach for a product that has fallen into the water. Unplug immediately.

WARNING – To reduce the risk of burns, electrocution, fire, or injury to persons.

1. Close supervision is necessary when this product is used by, on, or near children or invalids.
2. Use this product only for its intended use as described in this manual. Do not use attachments not recommended by the manufacturer.
3. Never operate this product if it has a damaged cord or plug, if it is not working properly, if it has been dropped or damaged, or dropped into water. Return the product to a service center for examination and repair.
4. Keep the cord away from heated surfaces.
5. Never block the air openings of the product or place it on a soft surface, such as a bed or couch, where the air openings may be blocked. Keep the air openings free of lint, hair, and the like.
6. Never use when drowsy.
7. Never drop or insert any object into any opening or hose.
8. Do not use outdoors or operate where aerosol (spray) products are being used or where oxygen is being administered.
9. Connect this product to a properly grounded outlet only. See Grounding Instructions.

SAVE THESE INSTRUCTIONS

GROUNDING INSTRUCTIONS

This product must be grounded. In the event of an electrical short circuit, grounding reduces the risk of electric shock by providing an escape wire for the electrical current. This product is equipped with a cord having a grounding wire with a grounding plug. The plug must be plugged into an outlet that is properly installed and grounded.

DANGER– Improper use of the grounding plug can result in a risk of electric shock.

If repair or replacement of the cord or plug is necessary, do not connect the grounding wire to either flat blade terminal. The wire with insulation having an outer surface that is green with or without yellow stripes is the grounding wire.

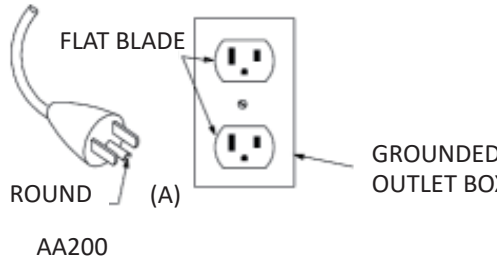
Check with a qualified electrician or serviceman if the grounding instructions are not completely understood, or if in doubt as to whether the product is properly grounded.

This product is for use on a regular 120 V circuit, and has a grounding plug that matches the plug illustrated in sketch A in Figure 75.1.

Warning risk of electric shock. Connect the unit only to a circuit protected by a ground-fault circuit interrupter (GFCI).

Figure 75.1

Grounding methods



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Chapter 1 Safety Precautions

In order to prevent harm to the user or others and property damage, please read the [Safety Precautions] carefully.



Serious injury or death may result if this sign is disregarded.



Personal injury or property damage may result if this sign is disregarded.

The sign and its meaning are described as follows:

	This sign indicates 'Mandatory' content that must be performed.
	This sign indicates that 'Prohibited' contents are must not be performed.
	This sign indicates that disassembly or unauthorized modification of the product is prohibited.
	This sign indicates that the product is connected to a grounding wire.
	This sign indicates that immersion in water is prohibited.
	This sign indicates that wet hands are prohibited.
	This sign indicates that high temperature and flammable objects are prohibited.

To ensure that you enjoy the functions of this product, please read these instructions carefully, especially the safety precautions. Please keep this manual properly and be sure to bring it with you when you pass it on to someone else for use. All instructions have been confirmed at the time of printing and delivery in accordance with the latest technical conditions of the equipment. We reserve the right to make changes due to further developments.

1.1 Normal use

This product is a smart toilet with rear & feminine wash and other comfortable functions, which also can be used as an ordinary toilet. It can only be used in enclosed spaces, any other use will be deemed to be inconsistent with normal use.
The company shall not be liable for abnormal use.

1.2 User requirement

Persons (including children) with physical, sensory, or mental impairments or lack of experience and common sense must be supervised in the use of the product and children should not play with the product.

1.3 Use the product only if it is fully functional



Make sure the power cord is not damaged. If the power cord is damaged, it must be replaced by the manufacturer, after service department, or an expert.

The power cord must not be snagged or pinched.

Keep the cord away from hot surfaces and sharp edges.

Do not use the unit if it is not working properly. Immediately disconnect the power supply, close the angle valve, stop the water supply and contact the customer service.

Stop the water supply and contact the customer service to avoid product malfunction and damage caused by improper use.

1.4 Toilet seat use

Cold water for this appliance should be connected from the main water supply. Use the new hose assembly supplied with the appliance. The old hose assembly cannot be reused.

The water inlet pressure of this product is: 11psi-108psi.
Fixed wiring must be equipped with a tactile switch in accordance with the wiring rules, providing a full-stage disconnection under over voltage class III conditions.
Make sure that the ground terminal of the power supply wire is 0.39in (3/8") longer than the live (L) and neutral (N) wires.
Make sure that the ground end of the electrical junction box is secured to the wall before installing the product.
If this product is moved from a location with a lower temperature to a location with a higher temperature, condensation moisture may occur. In this case, turn off the unit for several hours.
Do not intentionally soil, spray or clog the cleaning jets.
Do not flush newspapers, diapers, sanitary napkins, or other items that tend to clog the product.
Maintenance work must be carried out by a relevant professional.
Do not use accessories that we have not recommended for use.

1.5 Battery use



If battery acid leaks, do not contact skin, eyes and mucous membranes.

In case of accidental contact with the acid, immediately flush the infected area with plenty of water and seek medical attention immediately.

Keep the battery out of the reach of children. If the battery acid is swallowed, seek medical attention immediately.

Do not reactivate the battery with tools.Do not disassemble, expose to fire, or short-circuit the battery.

Remove the batteries from the remote control as soon as they are depleted, otherwise the liquid may leak and cause damage.

Refer to the operating instructions on page 27 for removing and inserting the battery.

Do not expose the battery to extreme conditions: do not expose it to heat sources or expose it to sunlight, otherwise leakage may occur.

1.6 Other safety precautions



Persons with disabilities and persons with limited experience or lack of common sense (including children) need to be supervised in the use of this product.

This product must be connected to a cold water supply (inlet water temperature approximately 39.2°F to 95°F). Otherwise, it may be scalded or the toilet may malfunction.

In the event of an abnormality or malfunction, immediately disconnect the power supply, close the water inlet valve and stop using the product.

Abnormal and malfunctioning conditions such as:

-- Product is cracked or broken

-- Smoke coming out of the product

-- Abnormal sound and burning smell

-- Abnormal heating of the product

-- Water seeping from piping or inside the product

Continuing to use the product despite a malfunction may result in electric shock, fire, injury, or water seepage from the interior.



Do not stick your fingers or other objects into or block the drying vents.

Failure to do so may result in burns, electric shock or damage to parts.

This product is an electrical product, so do not install it in a place where it is easily exposed to water or high humidity.

Do not splash water or detergent etc. on the product, the bottom of the product and the power plug, otherwise it may cause electric shock, short circuit and fire.



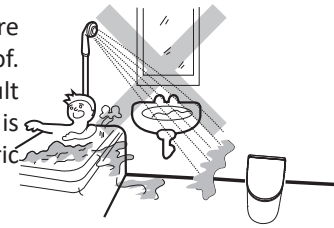
Do not pick up the entire product by grasping the lid or seat.

Do not open the toilet lid or seat if there are objects placed on the lid or seat.Failure to do so may result in product damage or personal injury.

Do not use adhesive materials such as double-sided tape on the surface of the product. Otherwise, it may cause damage to the surface.

Warning

When using in the bathroom, make sure that the power outlet is waterproof. Failure to use waterproofing may result in electric shock or fire. If the socket is not waterproofed, it may cause electric shock or fire.



Warning



No water immersion

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



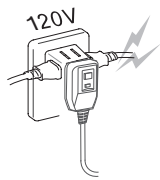
Connect the grounding wire

Check that the power outlet is grounded.
This product must be well grounded. Connect only to a dedicated 120V(60Hz)15A circuit with a ground fault circuit breaker or grounded earth leakage protector.



Compliance is mandatory

Remove the plug and clean it with a dry cloth.
After removing dust from the plug, always insert the mains plug firmly into the socket.



Do not connect multiple loads to a single power outlet

Only suitable for professional power distribution using AC voltage of 120V (60Hz). Otherwise, it may result in overheating or cause a fire.

Warning



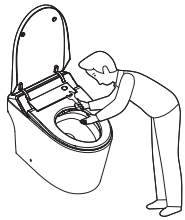
Pull out the plug

When not in use for a long time, drain the water inlet hose and unplug it. Otherwise, it may cause water contamination and skin infection.



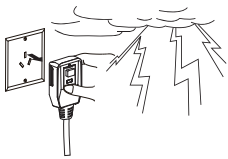
No high temperature

Do not put lighted cigarettes and other burning materials into the toilet seat.
Do not place hot, flammable materials near the product.
It may cause a fire.



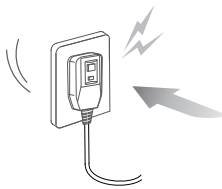
No disassembly

Do not disassemble or repair or modify this product by yourself for any purpose.
It may lead to fire, short circuit and electric shock.



Compulsory compliance

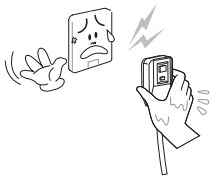
Unplug when thunder strikes. Otherwise, it may cause electric shock.



Prohibit

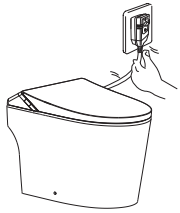
Do not use an outlet that is too loose or defective.
Failure to do so may result in fire or electric shock.

Warning



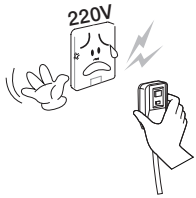
No wet hands

Do not plug or unplug the power plug with wet hands.
It may result in electric shock.



Prohibit

Do not pull or damage the power plug / power cord.
It may cause fire, short circuit, and electric shock.



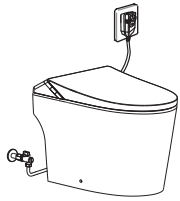
Prohibit

Do not use DC or AC voltage not at 120V. It may cause a product failure.



Pull out the plug

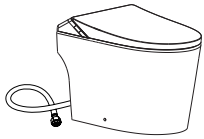
Disconnect the power and unplug the product before removing or cleaning it.
Otherwise, it may cause electric shock or fire.



Compulsory compliance

If the power cord is damaged, it must be replaced by the manufacturer or customer service department or professionals to avoid danger!

⚠ Attention



Prohibit

Do not bend, twist and damage the water supply hose. Otherwise, it may cause water leakage or insufficient flushing performance of the toilet.



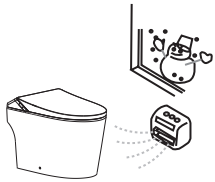
Prohibit

Do not lean on the toilet seat cover.
Failure to comply may damage the seat cover and cause personal injury.



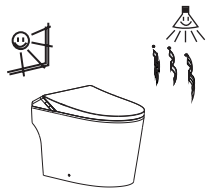
Prohibit

Children should not play with this product.
Otherwise, it may cause scald, electric shock, fire and personnel injury.



Prohibit

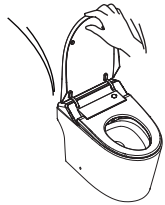
Do not install this product in a room where frost may form. Indoor temperature must not fall below 39.2°F. This prevents the product from freezing and damaging the product technical unit and components.



Prohibit

Do not expose this product directly to water, strong light or sunlight. Otherwise, it may cause fading, seat temperature instability.

⚠ Attention



Prohibit

Do not close the lid and seat with force.
Otherwise, it may damage the product.



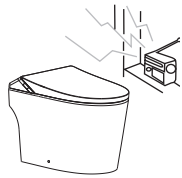
Prohibit

Do not pour urine on toilet main body and its nozzle. Otherwise, it may result in malfunction or stains such as pink and teal colors.



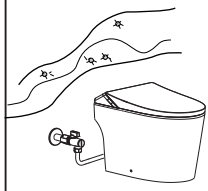
Prohibit

Do not use the following items to clean this product: gasoline, banana water, benzene, paint thinner, decontamination powder and nylon brush. It may damage the water inlet pipe or the product.



Prohibit

Keep away from the product when using the radio.
There may be an interference.



Prohibit

Do not connect to any waste water, mixed water, industrial water, seawater, or other untreated or semi-treated water.
It may lead to a skin infection or a malfunction.

Chapter 2 Installation Instructions

Important Installation Information

Read Before Installation

This chapter provides instructions for the proper installation of the STV01A Smart Toilet.

Installation must be completed by qualified professionals familiar with local plumbing and electrical codes.

- Plumbing connections must be performed by a licensed plumber.
- Electrical connections must be performed by a qualified electrician.
- The product must be properly grounded.
- All local building, plumbing, and electrical codes must be observed.

Failure to follow these instructions may result in product damage, property damage, personal injury, or
voiding of the product warranty

Safety Information

DANGER

Risk of electric shock.

Before installation:

- Disconnect electrical power.
- Verify that the power supply complies with all product requirements.
- Ensure that a GFCI-protected outlet is available.

The product must be connected only to:

- 120V AC
- 60Hz
- Dedicated 15A grounded circuit
- GFCI-protected receptacle

CAUTION

Risk of product damage.

Do not install the product:

- Outdoors
- In areas exposed to freezing temperatures
- In areas where the ambient temperature may fall below 39°F (4°C)
- In areas subject to direct water spray

If the product has been stored in a cold environment, allow it to remain at room temperature for at least 24 hours before installation.

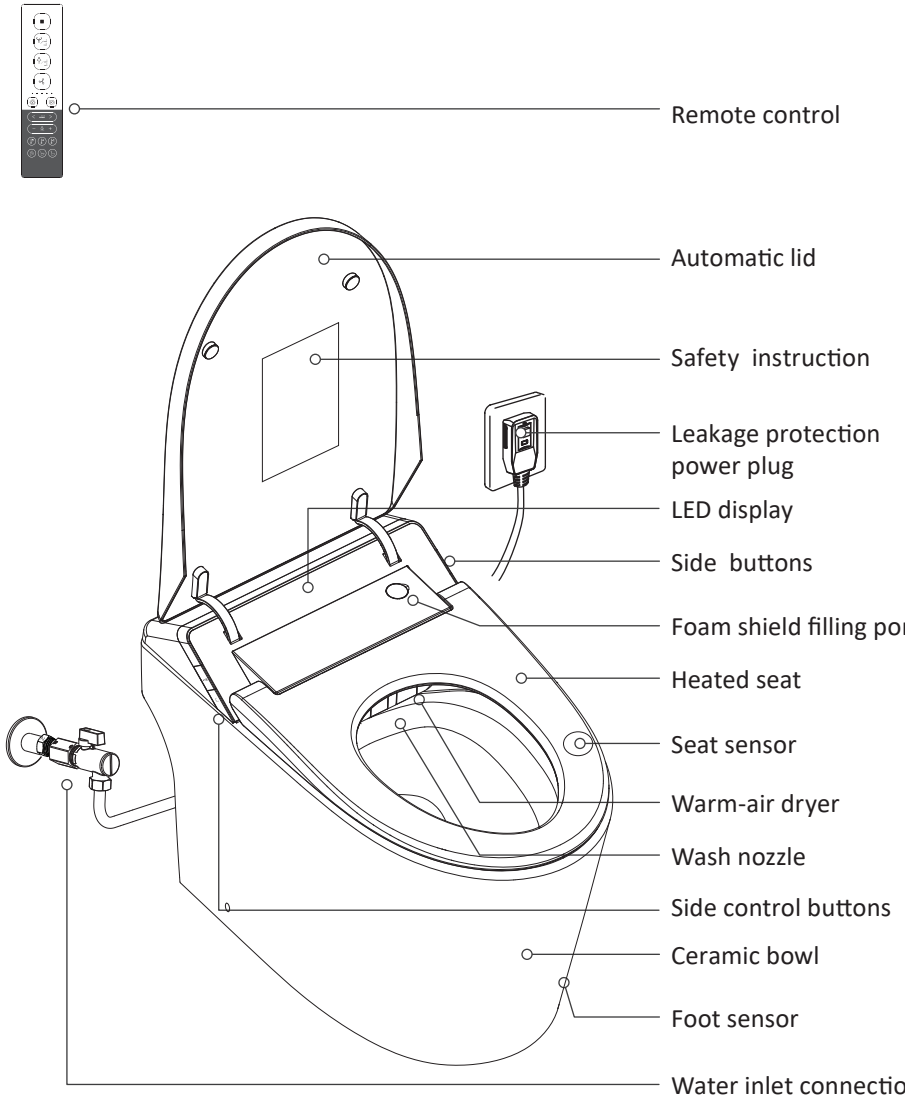
Condensation may form if the product is moved from a cold environment to a warm environment. If condensation is present, allow the unit to acclimate for several hours before connecting power

2.1 Product Overview

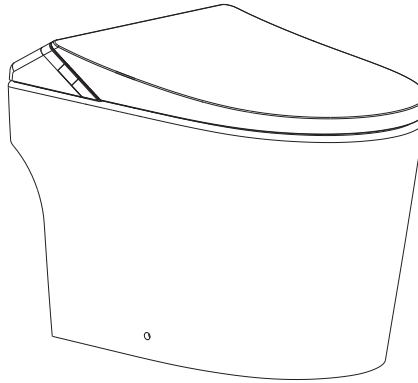
The STV01A Smart Toilet includes the following primary components:

Main Components

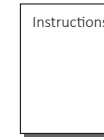
- Smart toilet body



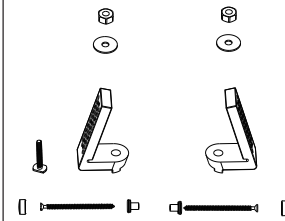
Included Accessories



Smart toilet body



Installation manual

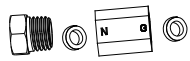


Ceramic mounting hardware

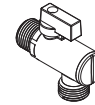


6*CR123A

Backup battery pack housing



Adapter fitting



Angle valve



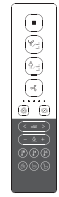
Seal gasket



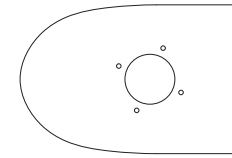
Foam shield filling funnel



Remote control wall mount



Vertical remote control



Positioning template

Note: Batteries for the remote control are not included.

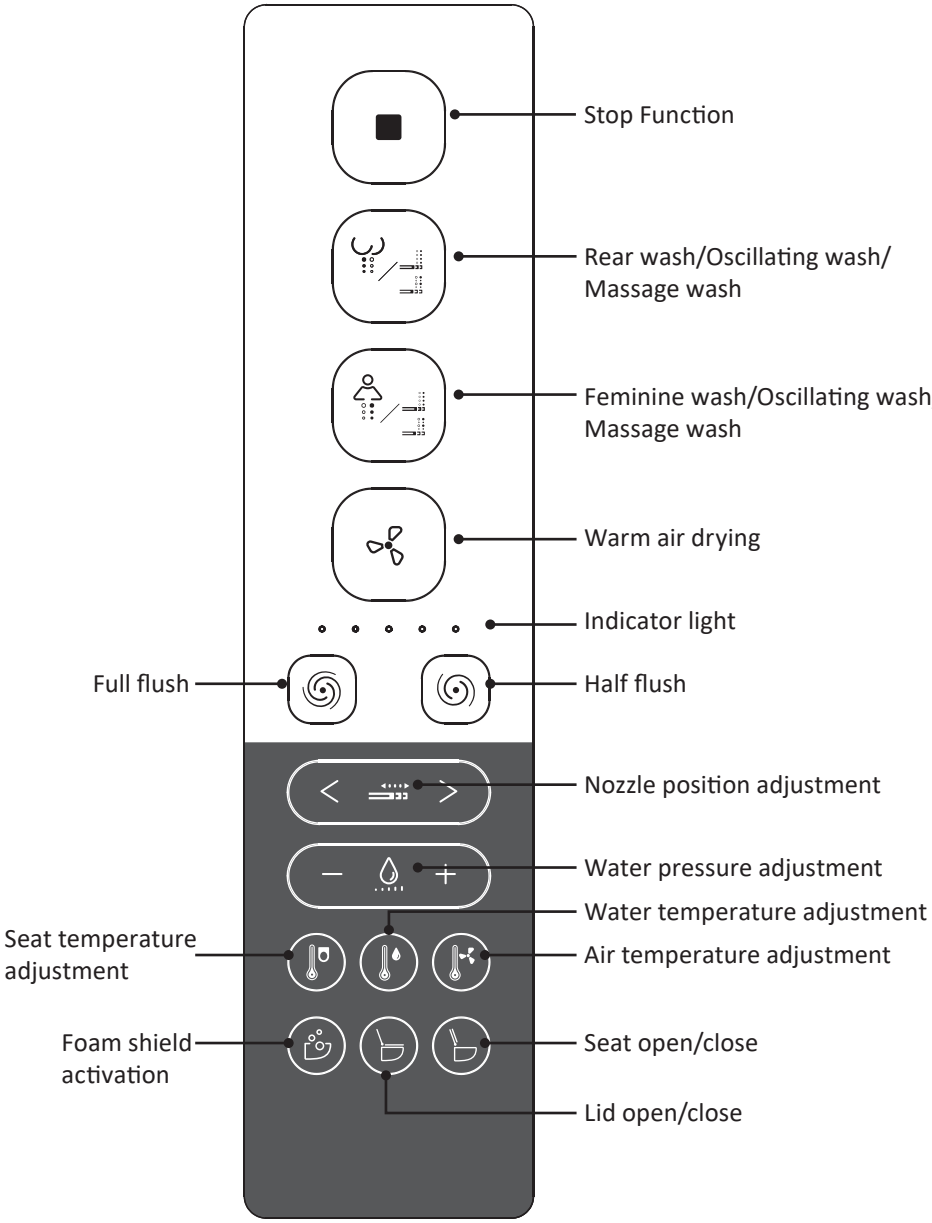
Required batteries:

- Remote Control: 2 AAA batteries
- Backup Battery Pack: 6 CR123A batteries

2.2 Remote Control Functions

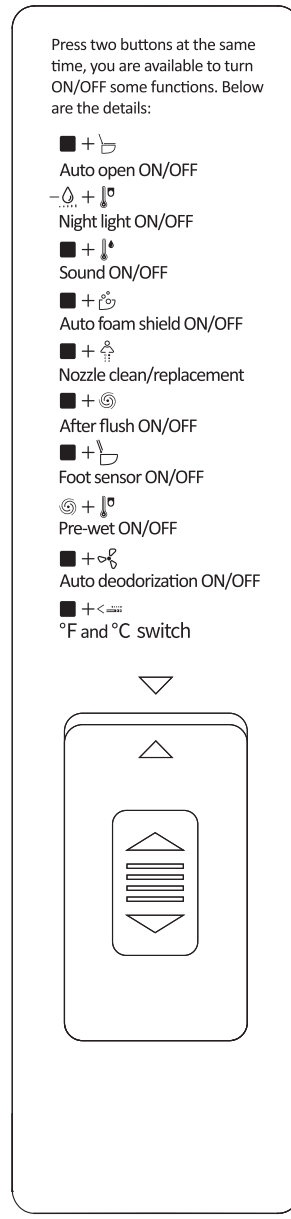
The remote control provides access to all primary operating functions.

Primary Functions



Advanced Functions

The remote control also provides access to:



2.3 Installation Requirements

Electrical Requirements

Power Supply

- Voltage: 120V AC
- Frequency: 60Hz
- Rated Power: 1050W

Outlet Requirements

- Dedicated 15A circuit
- GFCI protection
- Proper grounding
- Splash-resistant installation

The outlet should be located near the installation area and remain accessible after installation.
Recommended outlet height:
Minimum 12 in. above finished floor

Water Supply Requirements

Water Pressure

Acceptable operating pressure:
11 psi – 108 psi

Water Temperature

Acceptable inlet temperature:
39°F – 95°F (4°C – 35°C)

Water Quality

Use potable cold water only.
Do not connect to:

- Industrial water systems
- Reclaimed water systems
- Seawater
- Untreated water sources
- Wastewater systems

Environmental Requirements

Operating Environment

Temperature:
39°F – 104°F (4°C – 40°C)
Relative Humidity:
95% maximum (non-condensing)

2.4 Rough-In Requirements

Standard Rough-In

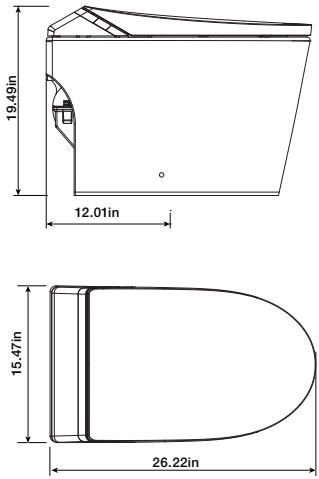
- Rough-in Dimension: 12 in.
- Water Connection: 3/8 in. NPT
- Wall Water Supply Recommended

Drain Connection

Use a standard toilet flange and wax ring installation in accordance with local plumbing codes.
Prior to installation:

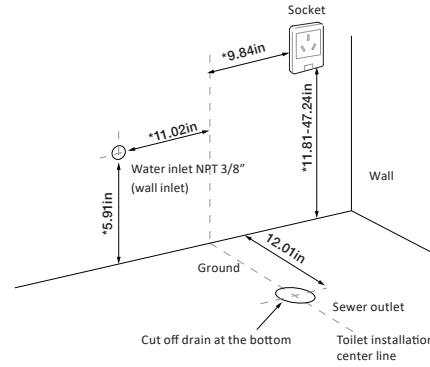
- Remove debris from the drain opening.
- Verify flange condition.
- Confirm floor is level and structurally sound.

■ Product size



■ Reference drawing of the inlet and drainage position

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



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

2.5 Installation Procedure

Step 1 – Prepare the Water Supply

1. Shut-off valve the main water supply.
2. Remove the existing toilet.
3. Clean the flange area thoroughly.
4. Inspect the flange for damage.
5. Flush the supply line to remove debris and sediment.

IMPORTANT

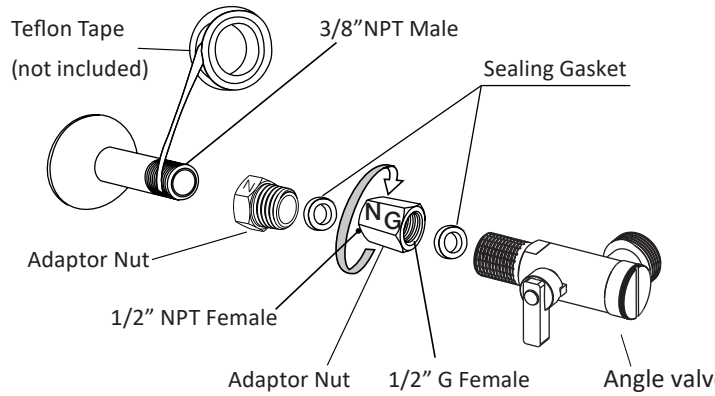
Debris inside the water supply line may damage internal components and affect product performance.

Step 2 – Install the Angle Valve

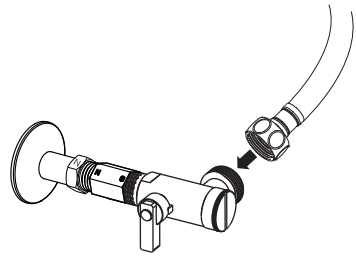
1. Apply PTFE (Teflon®) thread seal tape to threaded connections.
2. Install the supplied angle valve.
3. Tighten securely without overtightening.
4. Verify that the shutoff valve remains accessible.

An accessible shutoff valve must remain within reach after installation.

When the water outlet is 3/8” NPT, the connection as below:

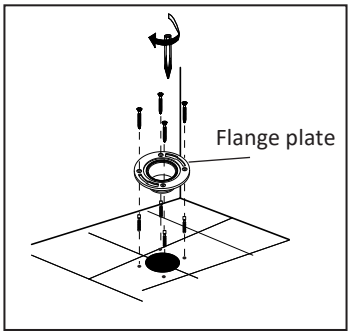


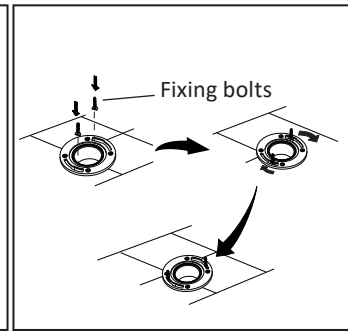
Install the water supply hose

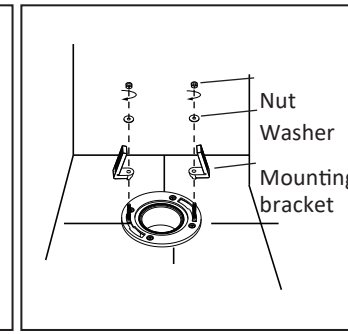


Step 3 – Install the Mounting Hardware

1. Install the closet flange securely.
2. Position the mounting brackets according to the installation template.
3. Secure brackets using the supplied hardware.
4. Verify bracket alignment before tightening.





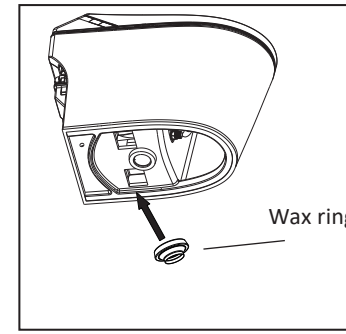


Step 4 – Install the Wax Ring

1. Place a new wax ring on the toilet outlet.
2. Ensure proper alignment.
3. Inspect the ring for damage before installation.

Use a new wax ring only.

Do not reuse an existing wax ring.

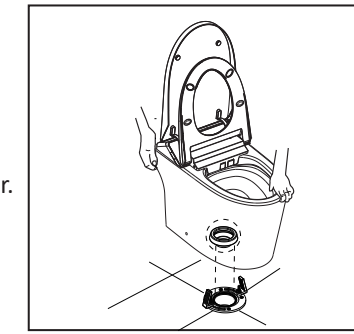


Step 5 – Position the Toilet

1. Carefully lower the toilet onto the floor flange.
2. Align the toilet with the mounting brackets.
3. Verify proper seating on the wax ring.
4. Check that the toilet sits level on the finished floor.

Do not rock the toilet during installation.

Rocking may compromise the wax seal.

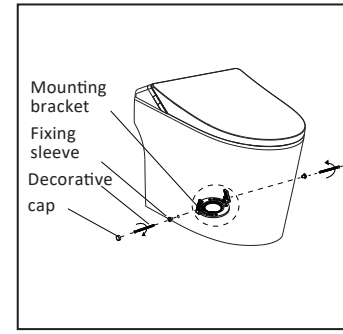


Step 6 – Secure the Toilet

1. Install mounting screws through the side mounting holes.
2. Tighten evenly on both sides.
3. Install decorative caps.

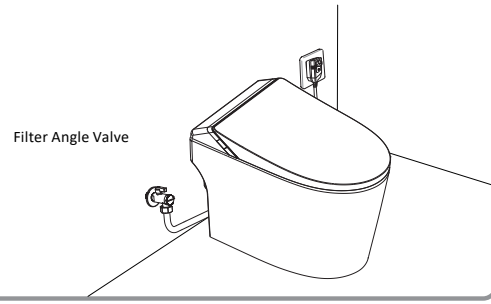
Do not overtighten.

Excessive tightening may damage the ceramic body.



Step 7 – Connect the Water Supply

1. Connect the supplied water hose to the angle valve.
2. Connect the opposite end to the toilet inlet.
3. Tighten connections securely.
4. Open the water supply valve slowly.
5. Inspect all connections for leaks.



Note

If leaks are detected:

- Close the water supply immediately.
- Correct the connection.
- Retest before proceeding

Note

1.Applicable water pressure range: 11psi-108psi.

2.Applicable water temperature range: 39.2-95°F.

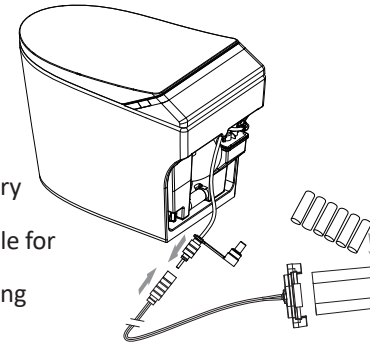
3.Operating environment: 39.2-104°F, relative humidity ≤ 95%.

4.The provided new hose must be used. Old hose assemblies cannot be reused.

Step 8 – Install Backup Battery Pack

Battery Installation

1. Open the battery compartment.
2. Install six CR123A batteries.
3. Verify correct polarity.
4. Close the compartment securely.



Connection

1. Connect the battery pack cable to the backup battery connector.
2. Position the battery pack where it remains accessible for future maintenance.

The backup battery system provides emergency flushing capability during power outages.

Replacing the Backup Battery Pack

1. Disconnect the connection cable between the main unit and the backup battery pack.
2. Use a Phillips-head screwdriver to remove the two screws on the cover. Then open the two side slips, remove the battery compartment cover, replace the old batteries, and reinstall the battery compartment cover.
3.Connect the connection cable between the main unit and the backup battery pack.

Step 9 – Connect Electrical Power

1. Verify that the installation area is dry.
2. Confirm proper grounding.
3. Insert the power plug into the GFCI-protected outlet.
4. Press the RESET button on the GFCI outlet if required.



Attention

Put the screw through the fixing sleeve and then install it through the holes (on both sides of the ceramic toilet) to the mounting bracket on the ground ,and lock tightly with a tool, put the decorative cap on the fixing sleeve.

Warning

1.Please connect the power supply according to the product power supply requirements. Otherwise, it may cause product failure.

2.Do not use extension cords, power strips, or adapters.

Step 10 – Install the Remote Control

Recommended Mounting Location

Install the remote control:

- Within comfortable reach of the seated user
- Away from direct water spray
- Approximately 32–43 inches above the floor

Recommended mounting surfaces:

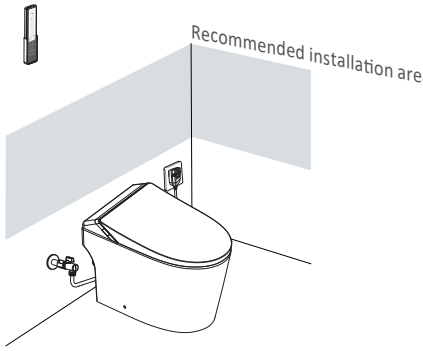
- Ceramic tile
- Painted drywall
- Finished wood surfaces

Installation Modle 1

1. Clean the mounting surface.
2. Remove the protective film from the mounting adhesive.
3. Attach the remote control holder to the wall.
4. Allow the adhesive to bond securely.
5. Install the remote control into the holder.

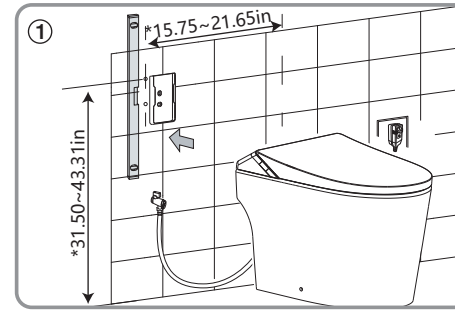
Model2：**As shown in the picture**

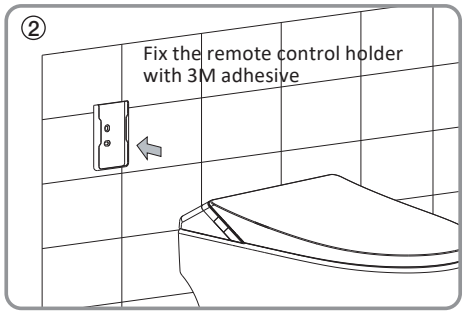
The size marked with "*" is the recommended size, both left and right are acceptable.

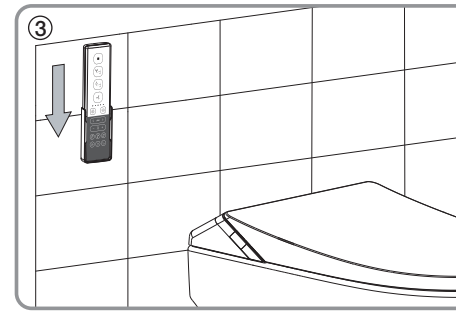


Warning

1. Do not spill water on the remote control, or it may cause the product can not be used normally.
2. When not in use, please place the remote control on the holder.
3. The remote control may malfunction or be damaged if dropped.







Installation Verification

After installation is complete:

Verify Water Supply

- V Water supply valve is fully open.
- No leaks are present.
- Water pressure is within specification.

Verify Electrical Operation

- Power indicator is illuminated.
- LED display functions properly.
- Remote control responds correctly.

Verify Functional Operation

- Flush function operates correctly.
- Lid and seat operate correctly.
- Rear wash activates properly.
- Warm-air dryer functions correctly.
- Automatic features operate as intended.

The product is now ready for initialization and first-time setup.

Chapter 3 Operating Instructions

Preparation and confirmation before use

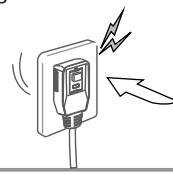
■ Open the valve

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

■ Confirmation and commissioning

1. Check the power supply

Confirm that the power plug has been plugged in tightly inserted, the plug indicator light indicates that it has been energized. If the indicator is not lit, you can press the plug 'reset' button to power up.



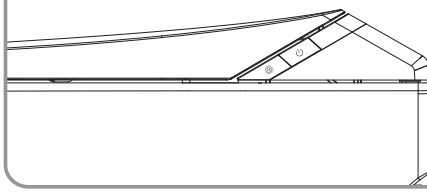
2. Seat sensor

The seat sensor area has been labelled on the seat. The functions of STV01A smart toilet will only activate when someone is sitting on the seat.



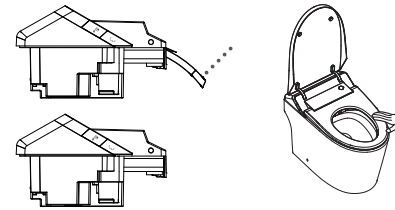
3. Check the flush button function

Press the flush button on the left side of toilet to see if it flushes normally.



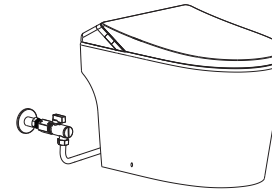
4. Check the cleaning function

Sit on the toilet and press the rear wash botton to see whether the nozzle extends and start working. Press the power button to close washing function.

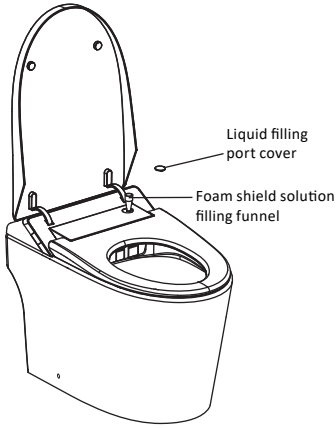


3.1 Initialization operations

a. Open the water inlet valve and make sure the tap water is connected.



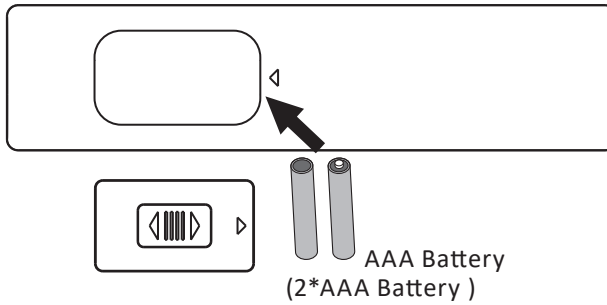
b. Method of foaming agent filling:



1. Open the lid. 2. Open the foam shield filling port cover. 3. Place the foam shield solution filling funnel on the liquid filling port. 4. Pour the special foaming agent (240ml each time) into the liquid filling port until the foaming agent is visible and overflows to the water cover. Reset the lid of the liquid filling port. 5. Then long press the remote control "foam shield" button 3 seconds, you will hear a beep sound. At this time, toilet will be replenished with liquid, and foam once after replenishment is completed. 6. Automatic foaming: under the state of leaving the seat, press the "stop" button and "foam shield" button on the remote control at the same time. If you hear a beep sound which means automatic foaming function is opened. If you hear two beep sounds which means automatic foaming function is closed.

Note: In order to achieve the best foaming effect, foaming agent specialized for toilet is recommended. If it is unavailable, you can only fill the neutral dish-washing liquid. Do not use toilet cleaners, chlorine cleaners, lemon-based cleaners, gel cleaners, dishwasher detergents or mix multiple types of cleaners. If foam is spilled during refilling, wipe up immediately with clean water.

c. Install batteries for the remote control:



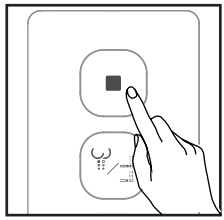


※Used batteries should be disposed of in the appropriate type of trash can.

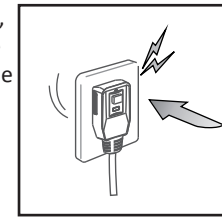
Try to operate the remote control, if the indicator light of the remote control lights up with the keys, that means the battery is installed successfully. If the remote control does not work, please check if the batteries are charged and installed correctly. If the batteries are used up, you can reinstall new batteries in the above way.

To prevent the battery from breaking or leaking, be sure to observe the “Precautions for Use”. (in page 5)

d. Remote control code matching



1. Power off the toilet, long press the remote control "■" button, the indicator light flashes.

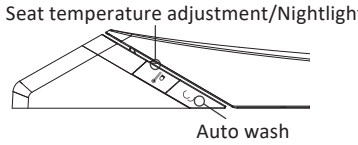


2. Power on the toilet, you will hear a long sound, which means the code is successfully matched.

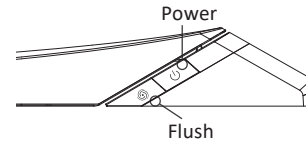
After power on, the system will self-test, and the self-test will be completed after about 20 seconds.
If the code matching is unsuccessful, the indicator light of the remote control will go out automatically after 30 seconds, you can try again with the above steps.
If still unsuccessful, please contact the customer service.

3.2 Operation instructions of toilet side buttons

Right side buttons



Left side buttons



Seat temperature adjustment/Nightlight: Short press "🌡" to adjust the temperature of seat. The temperature of seat is divided into 5 levels and room temperature, cycling in turn, the highest is the 5th level. Long press "🌡" to turn on or turn off the nightlight.

Auto wash: When a person is sitting, short press this button to start auto rear wash, the procedure is 15s →fix wash→ 45s oscillating wash→ full flush once→ 2 minutes air dry. Long press this button to start auto feminine wash, the procedure is same as auto rear wash. The washing process will stop automatically after 3 minutes. Or press the "■" side button or "⏻" button on remote control to stop the current work.

Power button: Short press to stop the function of rear wash/ feminine wash/drying etc; Long press to enter the standby mode, short press to exit.

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

3.3 Operation instruction of remote control

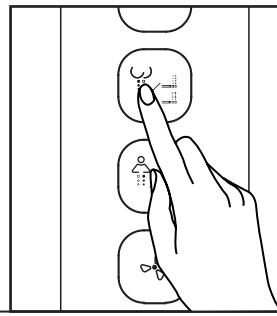
Operate the remote control rear wash, feminine wash, drying and flushing, including position, water volume, air temperature, water temperature, seat temperature setting and other functions. Pressing the corresponding buttons on the remote control can stimulate the corresponding functions. Each time you operate the button indicator light will flash once.

In any case, stop is the key with the highest priority response. If the remote control is not available, please check whether it has been code-matching or if there is a battery power problem.

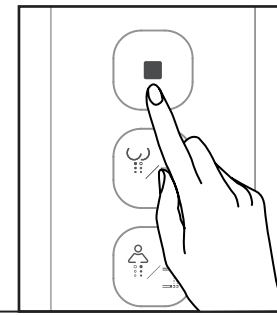
Rear wash/Oscillating wash/Massage wash

(The function only works when a person is sitting on the seat)

1 Press the "" button, the water will come out from the front of the nozzle and for the fix wash. Press it again to enter the oscillating wash. Press it again to enter the massage wash. Press it again to enter the fix wash, and so on.



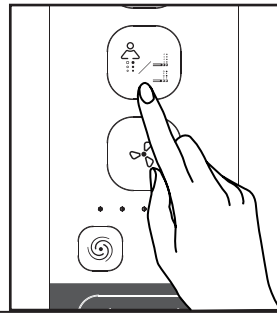
2 During the washing process, press the "■" button or the "⏻" side button to stop washing. Or wait for 3 minutes later, rear wash will be completed and stop automatically.



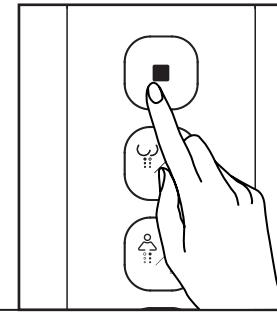
Feminine wash/Oscillating wash/Massage wash

(The function only works when a person is seated)

1 Press the "" button, the water comes out from the front of the nozzle and do the fix wash. Press it again to enter the oscillating wash. Press it again to enter the massage wash. Press it again to enter the fix wash, and so on.



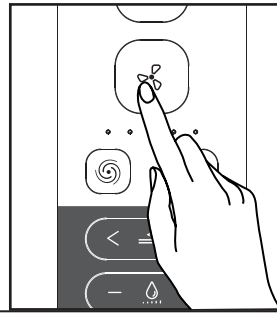
2 During the washing process, press the" ■ " button or the " ⏻ " side button to stop washing. Or wait for 3 minutes, feminine wash will be completed and stop automatically.



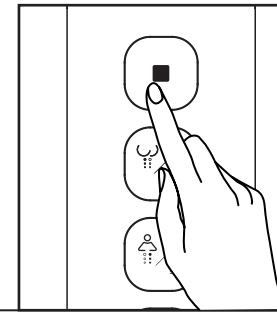
Warm air drying (5 level adjustable)

(The function only works when a person is sitting on the seat and washing function is not executed)

1 Short press the "" button to activate the drying function (the system will do the flush first before the warm air comes out).

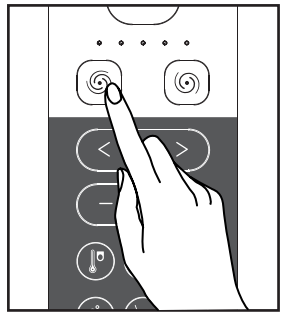


2 During drying, press the " ■ " button or the " ⏻ " side button to stop drying. Or wait for 3 minutes, drying will be completed and stop automatically.

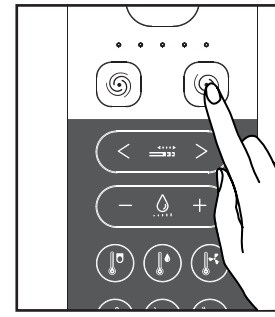


Flush button

1 Press "" button to activate full flush once.

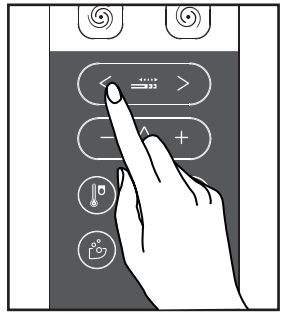


2 Press "" button to activate half flush once.

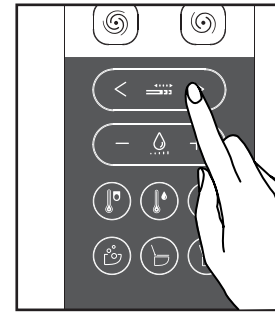


Nozzle position (5 levels adjustable)

1 Press the "<" button, the nozzle retracts backward, there are two beep sounds when it is in a minimum level.

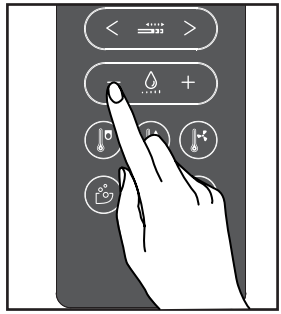


2 Press the ">" button, the nozzle extends forward, there are two beep sounds when it is in a maximum level.

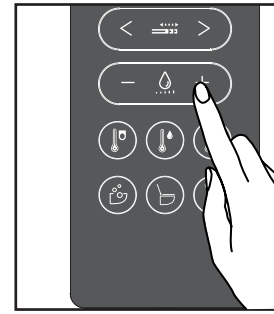


Water volume adjustment (5 levels adjustable)

1 Press the " — " button, water volume is reduced, there are two beep sounds when it is in a minimum level.



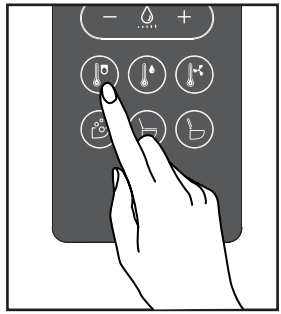
2 Press the "+" key, water volume is increased, there are two beep sounds when it is in a maximum level.



Seat temperature adjustment

(5 levels adjustable: 86/89/93/96/100°F)

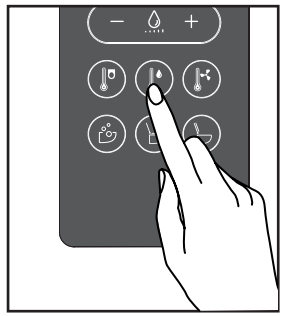
1 Press the " " button to change the seat temperature. The seat temperature is divided into 5 levels and room temperature. Cycle in sequence, the highest is the 5th level, the indicator lights all go out at room temperature.



Water temperature adjustment

(5 levels adjustable: 87/91/95/98/102°F)

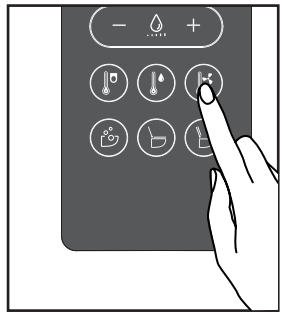
1 Press the " " button to change the water temperature of rear wash and feminine wash. The water temperature is divided into 5 levels and room temperature. And the setting range is 87.8°F-102.2°F. Cycle in sequence, the highest is the 5th level, the indicator lights all go out at room temperature.



Air temperature adjustment

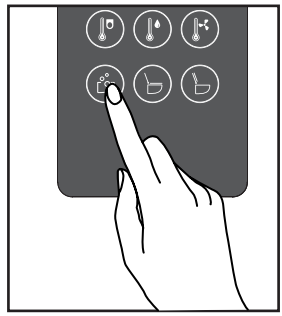
(5 levels adjustable: 95/104/113/122/131°F)

1 Press the " " button, you can change the air temperature in the drying mode. The air temperature is divided into 5 levels and room temperature. Cycle in sequence, the highest is the 5th level, the indicator lights all go out at room temperature.



Foam shield

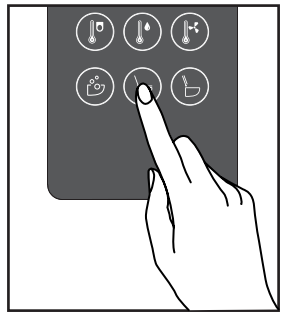
1 Press the " " foam shield button to execute the foaming function once in the off-seat state.



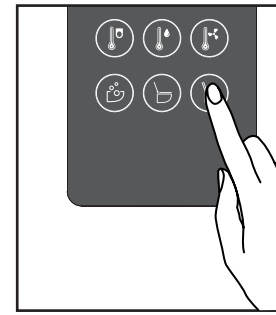
※Press the "■" button and " " button at the same time to turn on/off the automatic foaming function. There is one beep when turned on and two beeps when turned off.

Lid/seat open and close function

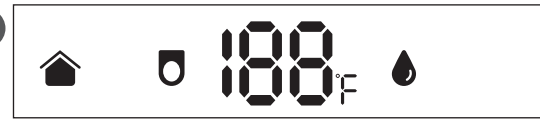
1 Press " " button to open or close the lid.



2 Press " " button to open or close the seat.



LED screen display



The above functions correspond to the remote control settings one by one, and the original setting is displayed as seat temperature. When the seat temperature function is off, the LED screen displays as - - °F

Automatic deodorization function

When seated, the deodorizing fan is activated and automatically shuts off one minute later when you leave the seat.

Auto flush function

When seated for more than 5s after leaving the seat, the toilet will flush automatically.
※Press the "■" button and "" button on remote control at the same time to turn on / off the automatic flushing function. There is one beep sound when it is turned on, two beep sounds when it is turned off.

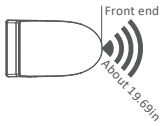
UV sterilization function

When people leave the seat, the UV sterilization function is activated and automatically switched off after one minute.

Power off flush function

When power off for emergency, press the flush side button to execute the flush function (only when the backup battery pack is connected).

Auto open/ Foot sensor seat open



A fan-shaped area with a radius of approximately 19.69in, a height of approximately 21.65in, and an angle of approximately 90 degrees near the front of the toilet:
-Open the lid when the toilet senses a person approaching.
-Men use the foot sensor to turn the seat before urinating, and use the foot sensor to flush after urinating.



-In the lid-open state, 90s after the user leaves the sensing area, the toilet will automatically close the lid.
-In the seat-open state, 90s after the user leaves the sensing area, the toilet will automatically close the seat.
*The sensing area will be deviated according to the height and the installation position of the STV01A Smart Toilet.
*Press the "■" button and "" button on remote control at the same time, you can turn on/off the automatic lid opening function.There is one beep when turn on and two beep sounds when turn off.

Remote Control Compound Key Description

Auto open ON/OFF

The default setting of auto open is ON. The auto open function can be switched to OFF by pressing " ■ " + " " at the same time. One beep sound can be heard when it is ON, two beep sounds can be heard when it is OFF.

Night light ON/OFF

The default setting of night light is ON. The night light function can be switched to OFF by pressing " " + " " at the same time. One beep sound can be heard when it is ON, two beep sounds can be heard when it is OFF.

Sound ON/OFF

The default setting of sound is ON. The sound can be switched to OFF by pressing " ■ " + " " at the same time. One beep sound can be heard when it is ON, two beep sounds can be heard when it is OFF.

Auto foam shield ON/OFF

The default setting of auto foam shield is ON. The auto foam shield function can be switched to OFF by pressing " ■ " + " " at the same time. When it is at OFF status, it means that it has been switched to manual mode and you can have foam shield function only when you press " " button. When it is at ON status, it means that it is on auto mode. Every time you are seated on the seat, it will automatically activate the foam shield.

Nozzle clean/replacement ON/OFF

Press " ■ " + " " at the same time, you will see the nozzle sprayer extends out without water, you can do the nozzle clean/replacement at this time. Press any button on the remote control, the nozzle will withdraw back. One beep sound can be heard when it is done successfully.

After flush ON/OFF

The default setting of auto flush is ON. The auto flush function can be switched to OFF by pressing " ■ " + " " at the same time. One beep sound can be heard when it is ON, two beep sounds can be heard when it is OFF.

Foot sensor ON/OFF

The default setting of foot sensor is ON. The foot sensor function can be switched to OFF by pressing " ■ " + " " at the same time. One beep sound can be heard when it is ON, two beep sounds can be heard when it is OFF.

Pre-wet ON/OFF

The default setting of pre-wet function is ON. The pre-wet function can be switched to OFF by pressing " " + " " at the same time. One beep sound can be heard when it is ON, two beep sounds can be heard when it is OFF.

Auto deodorization ON/OFF

The default setting of auto deodorization function is ON. The function can be switched to OFF by pressing " ■ " + " " at the same time. One beep sound can be heard when it is ON, two beep sounds can be heard when it is OFF.

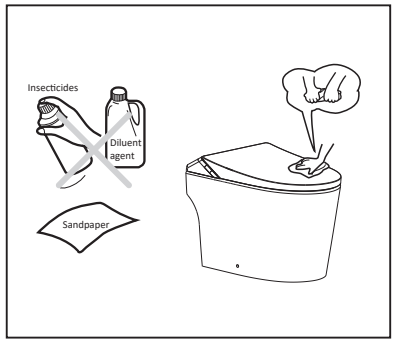
°F and °C switch

The °F and °C showed on screen display can be switched by pressing " ■ " + " " at the same time. One beep sound can be heard when it is switched successfully.

Chapter 4 Cleaning and Maintenance

4.1 Toilet seat cleaning

Clean the toilet regularly or as soon as it becomes soiled. If cleaning is not carried out regularly, dirt may become more visible and become stubborn.
Be sure to turn off the power before cleaning the surface of the product.
Do not touch the inside of the product or the power plug with liquids such as water or detergent, as this may cause a short circuit or electric shock, fire.
Note that improper cleaning may result in yellowing of colors or peeling of paint.
-- Do not use aggressive doses of detergents or cleaning agents containing chlorine or acid.
-- Use only cleaners and equipment specifically designed for this application.
-- Follow the cleaner product instructions.
-- Never mix cleaning agents.
Wipe with a soft cloth soaked in water and squeeze. Neutral soap is the ideal daily cleaner.

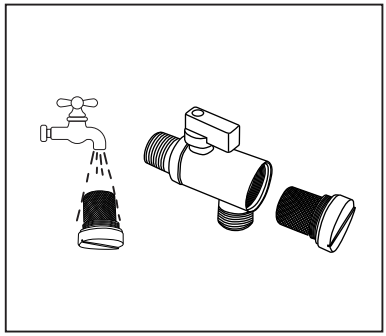


Cleaning the external parts of the product

a. Please use a sponge or soft cloth with room temperature water or neutral cleaner to wipe the surface of the product.

b. Lift up the lid and seat when cleaning other parts with detergent.

c. Wait until the cleaner in the ceramic toilet seat is completely rinsed out before closing the lid, otherwise the evaporation of the cleaner may corrode the surface.



Cleaning the filter

a. Disconnect the power, close the shut-off valve, then spin out the filter on the angle valve, remove the filter and then rinse under the faucet to clean the impurities.

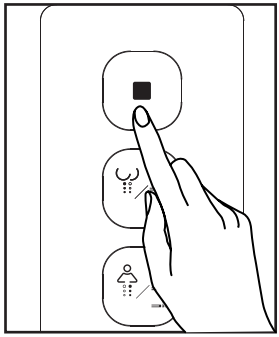
b. Clean the filter when the water flow is smaller than normal.

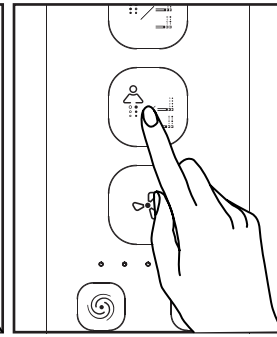
c. After cleaning, put the filter back.

4.2 Sprayer and nozzle cleaning

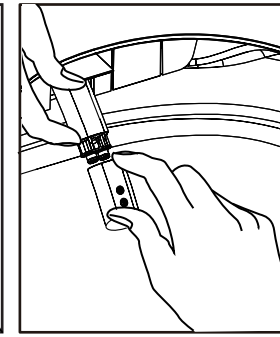
The retracted nozzle is automatically cleaned before and after using the cleaning function.

● Clean the nozzles of the spray tube regularly or as soon as dirt is found.

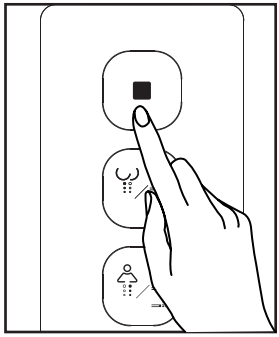




a. Press the remote control " ■ " button and " " button at the same time, the cleaning sprayer extends without water and the nozzle can be replaced or cleaned.



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



c. Put the cleaned nozzle back and click the "■" button on the remote control, the sprayer and nozzle retracts.

4.3 Remote control cleaning

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

4.4 Waste disposal

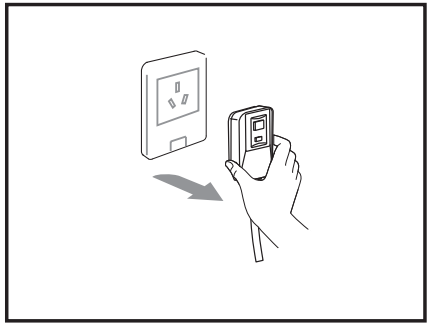
Electrical and electronic equipment may contain hazardous or harmful substances. Do not dispose of them as unsorted household waste. Take it to a designated recycling point. In this way, you can contribute to resource conservation and environmental protection. Contact your retailer or local authorities for more information.

Used batteries must be disposed of correctly. For this purpose, battery recycling bins with the appropriate labels are provided in stores selling batteries and at community collection points.

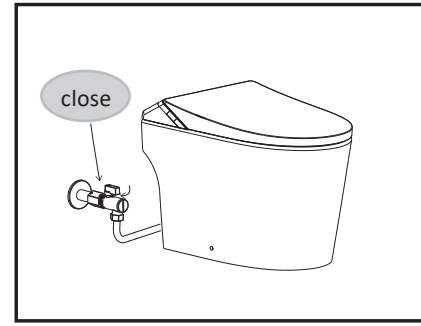
To avoid possible choking injury or danger, do not allow children to play with the plastic bag and product packaging. Please keep such packaging materials in a safe place or recycle them in an environmentally friendly manner. If possible, keep the packaging materials until the end of the warranty period.

4.5 Product maintenance

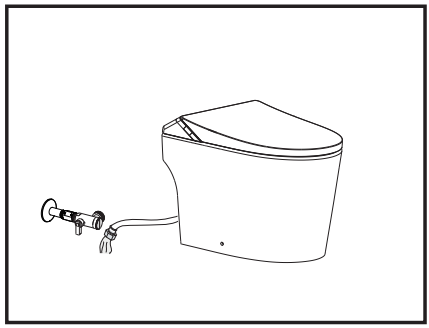
Close the shut-off valve and remove the hose to drain the water in the following cases.
-- When water may freeze in cold areas.
-- When not in use for a long period of time.
Otherwise, the residual water may deteriorate and cause skin infections.



a. Disconnect power and pull out power plug.



b. Close the shut off to stop water supply to the system.



c. Remove the water inlet hose from the shut-off valve and drain the water.

4.6 Product maintenance in winter

When freezing may occur, such as in winter, take precautionary measures to prevent damage to hoses or products due to freezing.
To prevent damage to hoses or products due to freezing, take precautions against freezing:
1. Raise the room temperature.
2. Close the shut-off valve and drain the water inlet hose.

Service Hotline: +13023368180

Chapter 5 Troubleshooting

Recommendations: Initial basic operation in case of malfunction.
Disconnect the mains power to the toilet and reconnect it after at least 3 minutes. If it does not work properly after following the instructions described below, contact customer service center or distributor.

Symptoms	Probable Causes	Recommended Action
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.
	Was power button 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)	Are the batteries low or depleted?	Replace with new batteries.
		Replace with new batteries.
		Replace with new batteries.
Remote control doesn't work	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.

Symptoms	Probable Causes	Recommended Action
Rear wash to feminine wash		
It takes too long to switch from rear wash and feminine wash	The nozzle needs the time to do the self-clean when switch from rear wash to feminine wash	This is normal phenomenon.
Nozzle does not extend after pressing the “rear wash”or “feminine 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 shut-off valve closed or stop by impurities?	Open or clean the shut-off 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 sprays water irregularly	Abnormal operation or toilet malfunction.	Pull out the plug, reconnect after one minute and restart the toilet. IIf it still does not work, call 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 retracted nozzle is dripping	User left the seat. Or the nozzle will move back automatically after 3 minutes wash.	This is a normal phenomenon.
The retraction nozzle is dripping	The nozzle performs a self-clean automatically when switch from rear wash to feminine wash.	This is a normal phenomenon.

Symptoms	Probable Causes	Recommended Action
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.

It is important to contact customer service when any of the following occurs.
-- The indicator light on the toilet is still blinking after 30 seconds of being re-plugged in (Please unplug the power supply).
-- The indicator light on the toilet does not light up after 30 seconds of being re-plugged in.
-- When smoke or abnormal sound occurs. (Please unplug the power supply).
-- When warm air does not come out, or when the warm air suddenly becomes cold during use of the warm air function, it does not return to normal after re-plugging the power supply.

Chapter 6 Technical Data

STV01A Smart Toilet

Specification	Value
Model Number	STV01A
Rough-In Dimension	12 in.
Rated Voltage	120V AC
Frequency	60 Hz
Rated Power Consumption	1050 W
Net Weight	96.1 lb (43.6 kg)
Power Cord Length	≥35.4 in.
Water Supply Connection	3/8 in. NPT
Water Pressure Range	11–108 psi
Inlet Water Temperature	39°F–95°F (4°C–35°C)
Operating Temperature	39°F–104°F (4°C–40°C)
Relative Humidity	≤95%
Flush Type	Full Flush / Half Flush
Full Flush Water Consumption	Less than 1.27 GPF
Half Flush Water Consumption	Less than 1.0 GPF
Water Heating Method	Instant Heating
Deodorization Method	Catalytic Deodorization
Drying Method	Warm-Air Dryer
Automatic Functions	Auto Flush, Auto Open/Close, Auto Deodorization, UV Sterilization
Backup Power Capability	Emergency Flush (Battery Pack Required)

Washing Functions

Rear Wash

- Fixed Wash
- Oscillating Wash
- Massage Wash
- Adjustable Water Temperature
- Adjustable Water Pressure
- Adjustable Nozzle Position

Feminine Wash

- Fixed Wash
- Oscillating Wash
- Massage Wash
- Adjustable Water Temperature
- Adjustable Water Pressure
- Adjustable Nozzle Position

Adjustable Nozzle Position

Five-position adjustment range.

Water Pressure Adjustment

Five pressure levels plus OFF.

Heated Seat

Seat Temperature Settings

- Ambient Temperature
- Level 1
- Level 2
- Level 3
- Level 4
- Level 5

Temperature Range

86°F–100°F (30°C–38°C)

Safety Protection

- Temperature Sensor
- Thermal Cutoff Protection
- Electronic Temperature Controller

Warm Water System

Water Temperature Settings

- Ambient Temperature
- Level 1
- Level 2
- Level 3
- Level 4
- Level 5

Temperature Range

87.8°F–102.2°F (31°C–39°C)

Safety Protection

- Temperature Sensor
- Thermal Cutoff Protection
- Electronic Temperature Controller

Warm-Air Dryer

Drying Temperature Settings

- Ambient Temperature
- Level 1
- Level 2
- Level 3
- Level 4
- Level 5

Temperature Range

95°F–131°F (35°C–55°C)

Drying Cycle

Up to 3 minutes per cycle

Minimum Air Volume
0.2 m^3/min

Safety Protection

- Thermal Fuse
- Temperature Controller

Safety Features

The STV01A Smart Toilet includes:

- GFCI-Compatible Electrical Protection
- Grounded Electrical System
- Over-Temperature Protection
- Automatic Safety Shutoffs
- Seat Sensor Protection
- Water Temperature Monitoring
- Air Temperature Monitoring
- UV Sterilization
- Emergency Power-Outage Flush Capability

Performance Testing

Rated power consumption is measured under controlled laboratory conditions using:

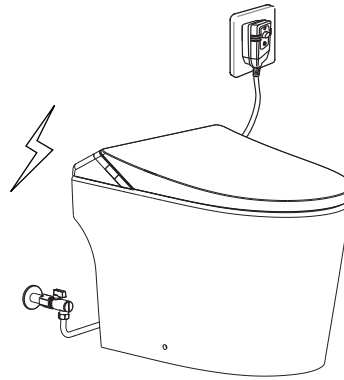
- Ambient Temperature: 71.6°F ± 1.8°F
- Water Temperature: 59°F ± 1.8°F
- Static Water Pressure: 30 psi ± 3 psi

Actual performance may vary depending on installation conditions, water pressure, water temperature, and operating settings.

Product Improvement Policy

Reserves the right to modify product specifications, features, dimensions, materials, or performance characteristics without prior notice as part of our commitment to continuous product improvement.

Chapter 7 Preparations Before The Initial Use



- Connect water supply and plug into the socket.
- Confim battery has been correctly installed in the“remote control”.
- Confirm no obstacle in front of the product.
- Confirm that the angle valve is open, press and hold the stop bu on on the remote control to enter pairing mode, the indicator light on the remote control flashes, and then plug in the power.
- When the power plug is inserted into the power outlet, the main unit enters the power on self-test phase, activating the spray bar and water distribution valve motors.Lights up the button LED, After the self-test is completed, the buzzer beeps once to indicate that the initialization self-test is finished, If there is no operation after thebutton LED has been lit for 90±2 seconds, it will turn off.During the self-test process, the main unit pairs with the remote control. After the main unit completes the self-test, Plug in the power first, then press and hold the stop button on the remote control results in a response, indicating successful pairing.

Default ex-work status for initial use:

Function	Status	Function	Status
Water volume	Mid	Air Temperature	Mid
Water Temperature	Mid	Seat Temperature	Mid
Nozzle Position	Mid	Sound	Unmute
Pre-Wet	Open	Foot Sensor Control	Open
Fixed-point cleaning	Open	Automatic Deodorization	Open
Automatic Lid Operation	Open	Automatic Flush	Open
Automatic Foam Shield	Open		

Chapter 8 Limited Warranty

8.1 Warranty Coverage

We ("Manufacturer") warrants that the Smart Toilet ("Product") shall be free from defects in materials and workmanship under normal residential use when properly installed, operated, and maintained in accordance with this manual.

Warranty Period:

Component	Warranty Period	Coverage
Vitreous china (ceramic body)	Five (5) years from date of purchase	Parts only
Electronic and mechanical compo-nents	Three (3) years from date of purchase	Parts only
Remote control	One (1) year from date of purchase	Parts only
Backup battery pack	One (1) year from date of purchase	Parts only

This limited warranty is extended only to the ORIGINAL PURCHASER of the Product and is not transferable to any subsequent owner or third party.
This warranty applies only to products purchased and installed in the United States of America.
If the Product is used commercially, the warranty period shall be one (1) year from the date of purchase, and all other terms of this warranty shall apply.

8.2 What This Warranty Covers

Subject to the component-specific warranty periods and coverage stated in Section 8.1, Manufacturer will, at its sole option, repair or replace any Product or component part found to be defective in materials or workmanship under normal use. Warranty coverage is limited to replacement parts only unless

Manufacturer expressly agrees otherwise in writing.

8.3 What This Warranty Does Not Cover

This limited warranty does not apply to the following:
a) Damage or loss resulting from natural calamities, including fire, earthquake, flood, thunderstorm, lightning, or other acts of God.

b) Damage or loss resulting from accident, unreasonable use, misuse, abuse, negligence, or improper care, cleaning, or maintenance of the Product.

c) Damage or loss resulting from sediments, minerals, or foreign matter contained in the water supply system.

d) Damage or loss resulting from water quality issues in the region where the product is installed, including hard water scaling or mineral buildup.

e) Damage or loss resulting from improper installation, installation in a harsh or hazardous environment, improper removal, unauthorized repair, or modification of the Product. This includes installation where the water pressure exceeds local codes or the Product's rated water-pressure range stated in this manual.

f) Damage or loss resulting from electrical surges, lightning strikes, power outages, or failure to use the factory-equipped cord and plug, or use of a loose or faulty electrical outlet, or use of a power source other than a properly grounded 120V, 60Hz GFCI-protected outlet.

g) Damage or loss resulting from normal and customary wear and tear, including but not limited to gloss reduction, scratching, fading, or discoloration of surfaces over time due to use, cleaning practices, or atmospheric conditions.

h) Damage or loss resulting from the use of bleach, chlorine-based cleaners, alkali cleaners, acid cleaners, abrasive (powder) cleaners, or the use of metal or nylon scrubbers on any Product surface.

i) Damage or loss resulting from the use of in-tank or in-bowl chemical toilet cleaners, toilet tablets, or drop-in cleaning products.

j) Consumable items, including but not limited to disposable remote-control batteries, water filters, and deodorizing filter cartridges, and normal degradation in the capacity or performance of the backup battery pack due to age or use. This exclusion does not apply to defects in materials or workmanship of the backup battery pack during its one (1) year warranty period.

k) Cosmetic damage that does not affect the functional performance of the Product.

8.4 Conditions of Warranty

1. Proof of Purchase: This limited warranty is valid only with proof of purchase. The original sales receipt or invoice showing the date of purchase and Product model number must be retained and presented when making a warranty claim.

2. Proper Installation: The Product must be properly installed in accordance with the installation instructions provided in this manual and all applicable local plumbing and electrical codes. Damage or failure caused by improper installation is not covered by this limited warranty.

3. Proper Use and Maintenance: The Product must have been used and maintained in accordance with the instructions provided in this manual, including regular cleaning with approved cleaners and periodic maintenance of the water filter and deodorizing system.

4. Product Registration: While product registration is encouraged, it is not required to activate this limited warranty. Failure to register will not diminish your warranty rights. To register your Product, contact customer service.

8.5 How to Obtain Warranty Service

To request warranty service, the purchaser must first contact Manufacturer Customer Service and provide proof of purchase, the Product model number and serial number (if applicable), and a description of the claimed defect.
Manufacturer may provide remote technical support and troubleshooting assistance, including review of photographs, videos, error information, or other relevant documentation, to help identify the cause of the issue and determine whether the condition is covered under this limited warranty.
The purchaser should not perform or arrange repairs or modifications before Manufacturer has had a reasonable opportunity to evaluate the reported issue, as unauthorized repair or modification may affect warranty coverage if it causes additional damage or prevents proper diagnosis.
If Manufacturer determines that a covered defect exists, Manufacturer will provide the applicable replacement part or other parts-only remedy described in Section 8.2. Any on-site diagnosis, plumbing, electrical work, removal, installation, re-installation, or other labor required to complete the repair is the purchaser's responsibility and is not covered under this warranty.

8.6 Limitation of Liability

To the extent permitted by applicable law, any implied warranties, including the implied warranties of merchantability and fitness for a particular purpose, are limited in duration to the duration of the applicable express warranty for the specific component or part at issue. Manufacturer shall not be liable for any incidental, special, or consequential damages or expenses, to the extent permitted by applicable law.
In no event shall Manufacturer's total liability under this warranty exceed the original purchase price of the product.

Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you.
This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

Thank you for choosing us