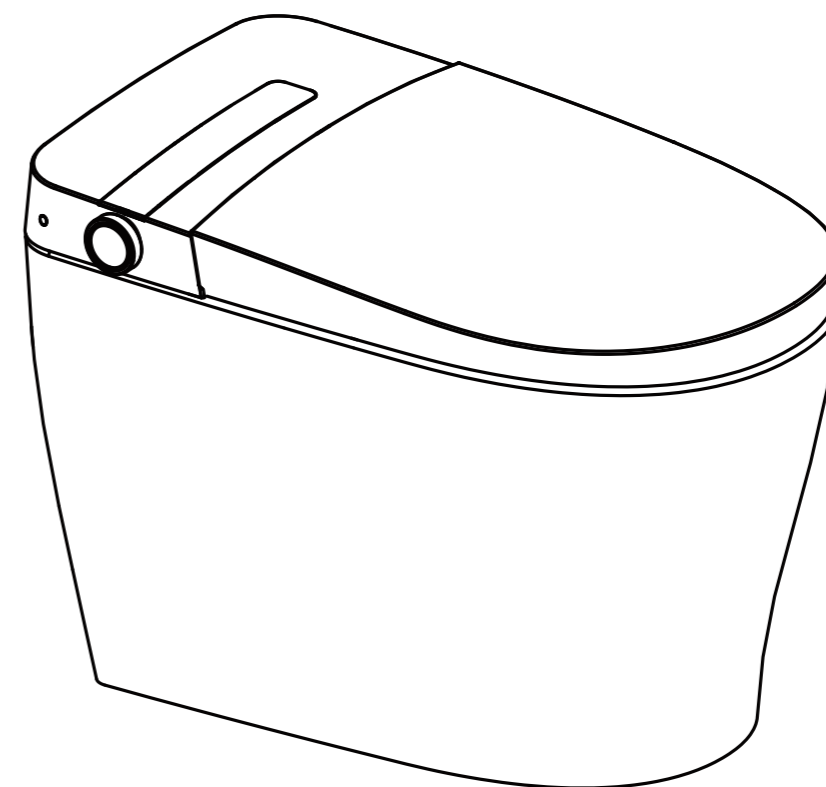


ALTAIR

SMART TOILET

Product Manual



Model: SM5002-WH

Thank you for purchasing our product. Please read this manual before installation and use to ensure that your product will function at peak performance. Read this manual thoroughly and store in a safe place for future references.

ALTAIR
Fashion Bathroom Life

www.altairdesignusa.com



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. Do not use while bathing.
2. Do not place or store product where it can fall or be pulled into a tub or sink.
3. Do not place in or drop into water or other liquid.
4. Do not reach for a product that has fallen into 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 while sleeping or 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.
10. Do not use while bathing.
11. Risk of Electric Shock. Connect Only to a Grounding Type Receptacle Protected by a Ground-Fault Circuit-Interrupter(GFCI).
12. Risque de choc électrique. Connecter uniquement à un réceptacle du Type de mise à la terre protégé par un circuit de failles au sol(GFCI).
13. CAUTION - Risk of electric shock, do not remove cover (or back). Refer servicing to qualified service personnel.
14. Attention - risque de choc électrique, n'enlevez pas le couvercle (ou le dos). Référez le service à un service qualifié Personnel.



SAVE THESE INSTRUCTIONS

GROUNDING INSTRUCTIONS

This product should be grounded. In the event of an electrical short circuit, grounding reduces the risk of electric shock by providing an escape wire for the electric 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.

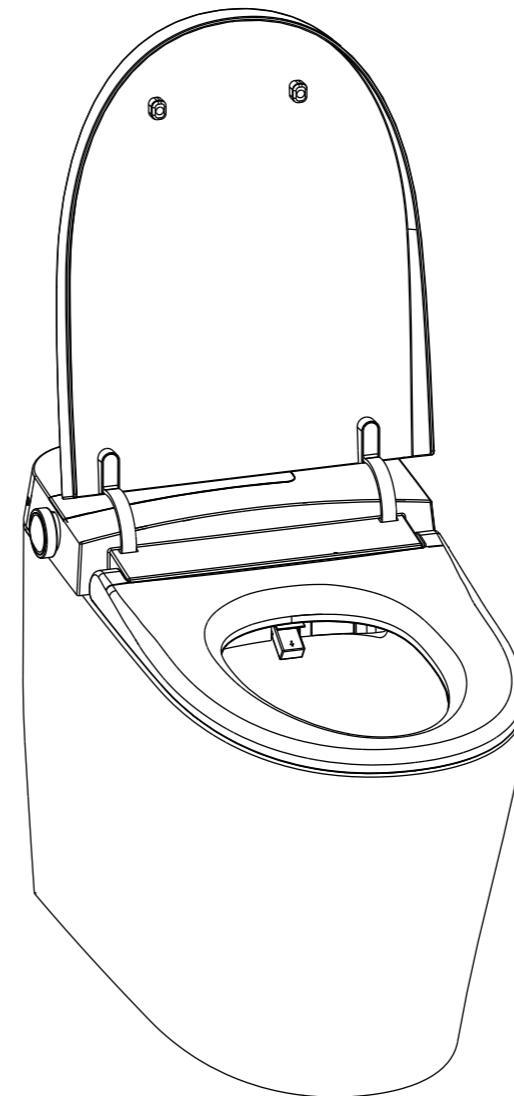
The functions may vary from different part no.

Category	Functions	Model	SM5002-WH
Cleaning	Unlimited wash		●
	Rear wash		●
	Front wash		●
	Aerated wash		●
	Auto wash		●
	Oscillating wash		●
	H/C massage		●
	Adjustable water pressure		●
	Adjustable water temperature		●
	Adjustable nozzle position		●
	Detachable nozzle		●
	Nozzle self-cleaning		●
	Cleaning nozzle		●
Convenience	Heated seat		●
	Warm dryer		●
	Auto deodorization		●
	Soft close		●
	Adjustable seat temperature		●
	Adjustable dryer temperature		●
	Night light		●
	Instant heating		●
	Auto flush		●
	Drying with flush		●
	Emergency flush		●
	Remote flush		●
	Kick flush		—
	Microwave induction		—
	Auto open lid		—
	Remote open lid		—
	Remote open seat		—
	Kick open lid		—
	Kick open seat		—
	Seat sensor		●
	Digital display		—
	Pre-wetting		●
	Memory mode		●
Auto-start		●	
Safety	SUS filter		●
	Air isolation		●
	UV sterilization		—
	Backflow prevention		●
	Easy clean glaze		●
	Multi-Protections		●
	Anti-bacterial seat		●
	Fire and heat resistant		●
Factory reset		●	

Note: ● represents that the product has this function. — represents that the product does not have this function.

User Friendly Design

new features to offer you an enjoyable experience



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Parts Information	1	Before use
Overview	1	
Rotated Switch	1	
Remote Control	2	
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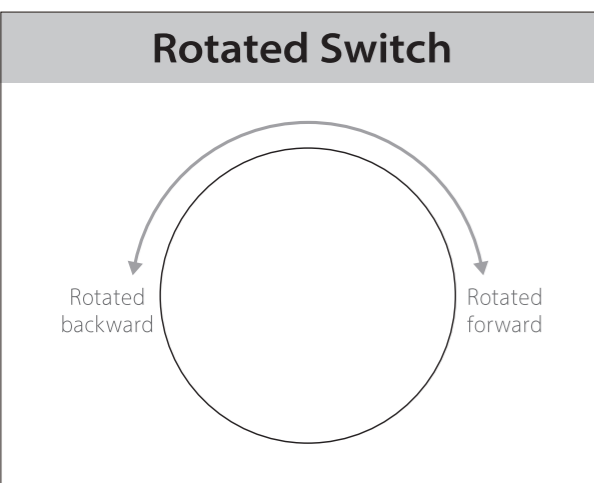
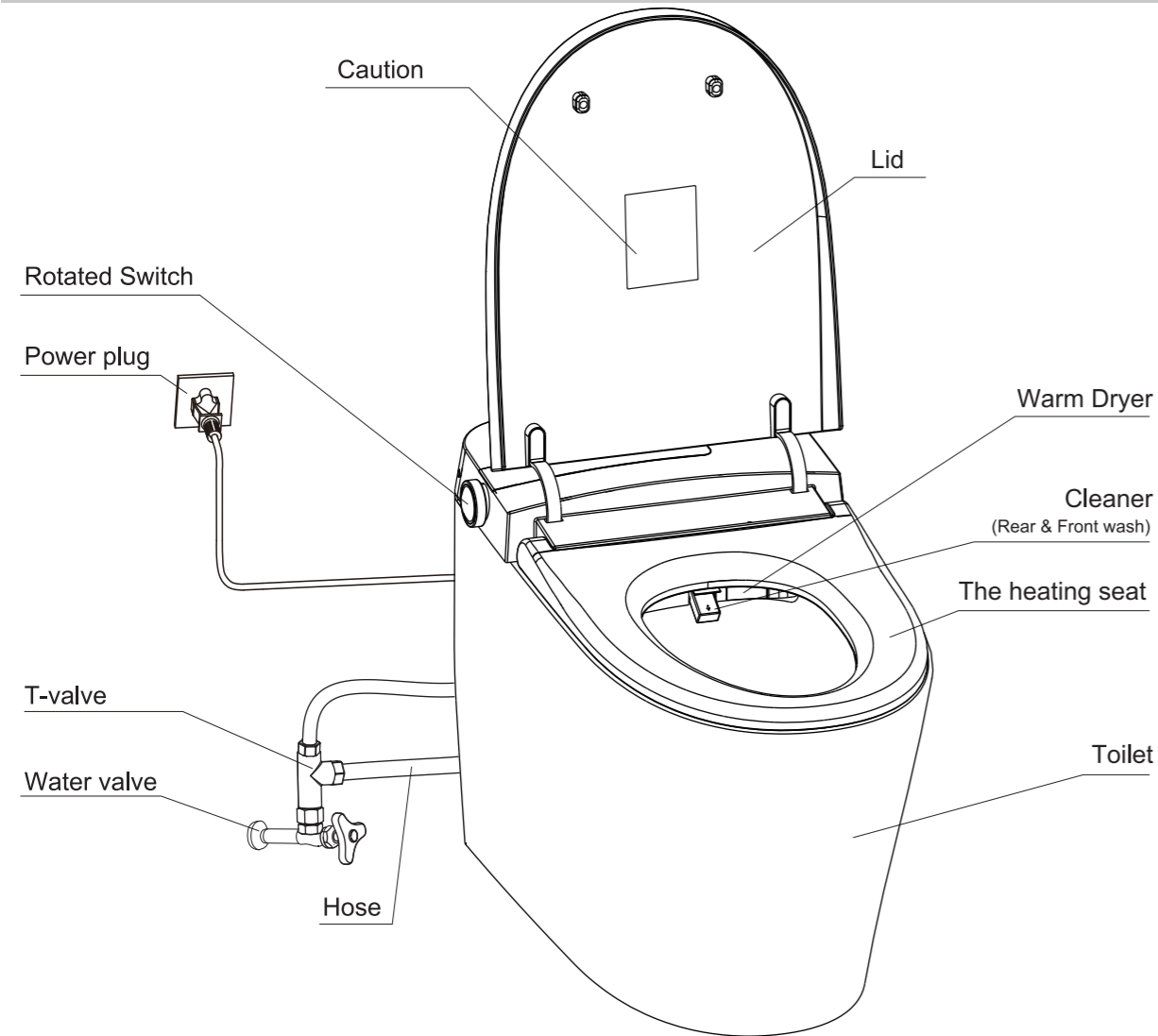
Installation	7	Functions
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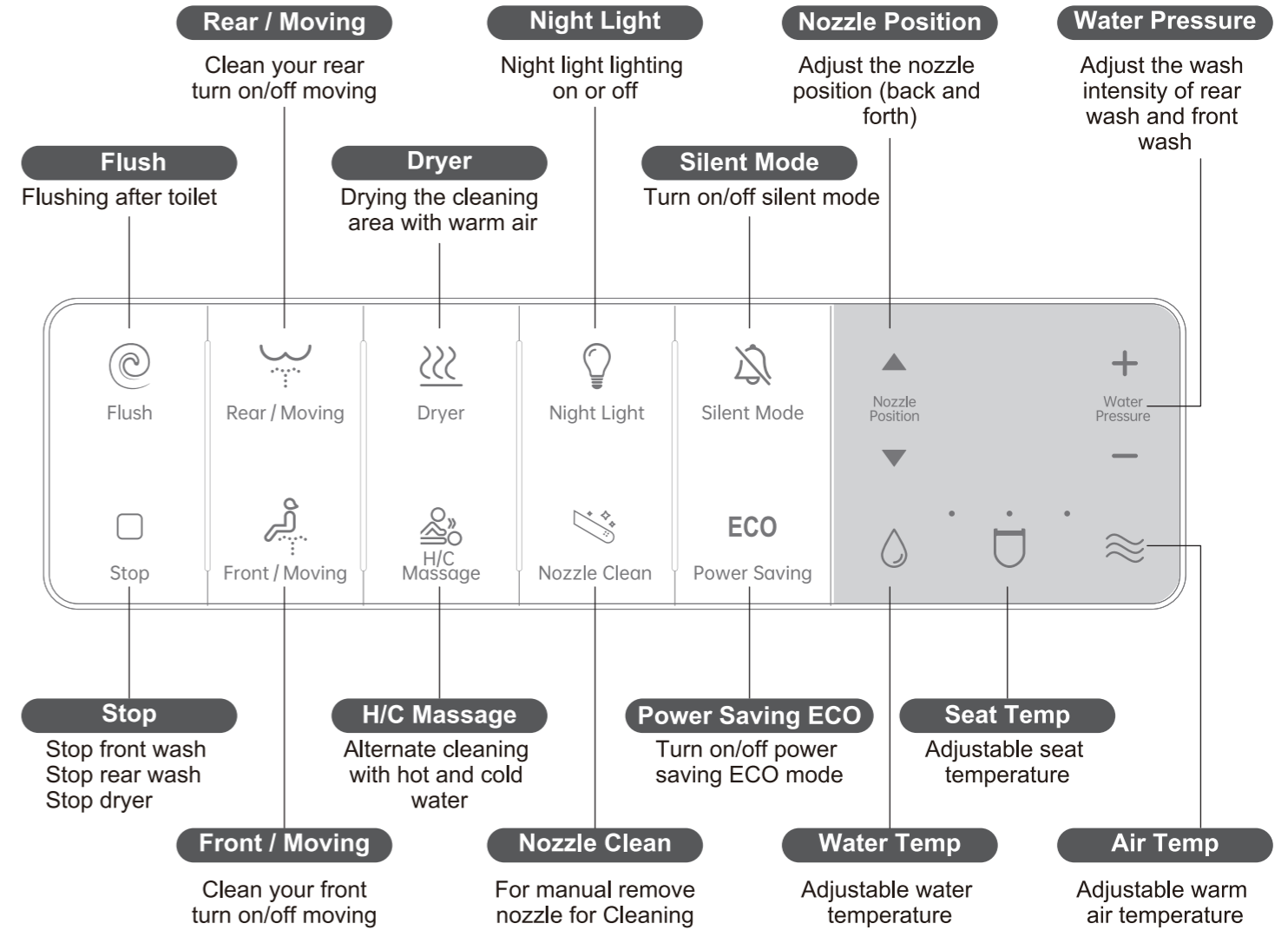
Parts Information

Overview, Remote control

Overview



Remote Control



TIPS:

1. Long press the "Water temp" button to turn on/off auto flush function.

2. Long press the "Nozzle clean" button to turn on/off pre flush function.

※The H/C Massage mode can only be activated when the cleaning function is turned on.

Warnings And Safety

Please read thoroughly


First of all, thank you for purchasing our product. To ensure proper and safe use of this product, carefully read this section prior to any usage. Afterwards, store this manual in a safe place for any needed future reference.


The hazards and warnings listed herein are important to our user's safety. Significant consequences may result from failure to heed warnings. The company will not be held liable for any injuries to the user and damages to the product due to improper usage and/or failure to heed safety warnings.

Explanation of Terms and Symbols


Warning . . . 「Indicates possible injury resulting from improper usage due to negligence of this sign.」

Attention . . . 「Indicates human injury or property loss that may result in improper usage due to negligence of this sign.」


 「Note」 When used with the above "Warning" and "Attention" signs, indicates a strict request to follow noted precautions.


 「Prohibits any individual from performing any action with this symbol.」

 「Prohibits any individual from dismantling product.」

 「Keep product away from any wet environments, including, but is not limited to, humid environments, close proximities to baths, showers or sinks.」

 「Do not touch!」

 「Do not touch with a wet hand!」

 「Keep away from any extreme heat or fire!」

 「Operate only as instructed!」

 「Pull out the power plug!」

 「Protective grounding」

Warning

This product needs to be properly grounded.

- ※Risk of electric shock
- ※If unsure, contact an electrician, electrical installation company.



Do not place a lit cigarette along with other burning objects into the unit.

- ※Risk of fire.



Do not touch, insert or pull out the power plug with a wet hand.

- ※Risk of electric shock.



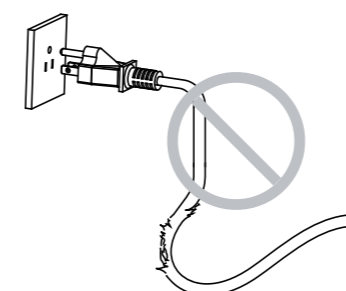
Do not use during thunderstorms (pull out the power plug during storms).

- ※Failure in doing so may lead to injury or fault in the product.



Do not use a power socket in poor condition or a damaged power plug.

- ※Risk of fire and/or electric shock.



When the seat ring or the cover plate is damaged, to avoid any harm, be sure to pull off the power plug, close the water source and contact your local distributor for replacement.

- ※Risk of fire or electric shock.



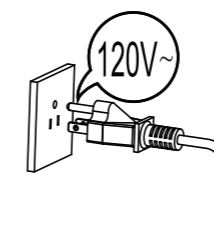
Regularly pull out the power plug and wipe off any dust on the power plug using a clean dry cloth.

- ※Risk of fire.



The power socket in use should be within the specified range (AC120V).

- ※Risk of fire and/or electric shock.



Any person with a disability, the elderly, and children, should be using this product with the supervision of another individual.

- ※Be advised that sitting on the heated seat for an extended amount of time may result in burns.



Do not pull, damage, bend, twist, stretch, roll, bundle, clamp or squeeze the power cable. Do not place anything on power cable.

- ※Risk of fire and/or electric shock



This product is not a toy. Advise children not to play with product.

- ※Risk of injury.



If the power cord is damaged, to prevent any injuries or accidents, it should be replaced by a professional.

- ※Risk of fire and/or electric shock



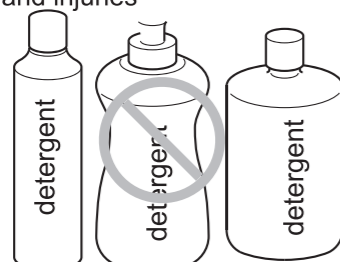
Do not dismantle, repair or alter this product on your own. Call in a professional for further advice.

- ※Risk of fire, electric shock, and/or other accident that may lead to injury.



Warning

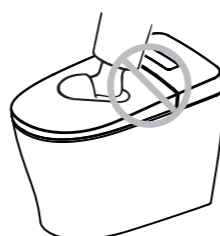
For cleaning or maintenance of plastic parts, do not use any harsh cleaning agents. (These include, but are not limited to products such as: concentrated sulfuric acid, concentrated nitric acid, glacial acetic acid, carbon tetrachloride, chloroform, acetone, butanone, benzene, methylbenzene, phenol, methylphenol, dimethylformamide, methyl ether, soybean oil, acetate, 40% nitric acid, thick salt acid, 95% alcohol, gasoline, kerosene or brake oil, etc).
※Risk of damaging parts that can lead to accidents and injuries



Do not use polluted water or water meant for industrial.
※Risk of urocystitis or dermatitis.
Untreated water may also cause corrode inner workings of unit and may cause electrical shock or a fire.

Do not apply any force to the unit's seat and lid. Do not stand on the lid or open or close the lid and the seat forcefully.

※This may result in product damage and/or user injury.



Do not add water or detergent into the unit or on to the wireless remote. Do not soak the product with water or cleaner.

※Risk of fire and/or electric shock.

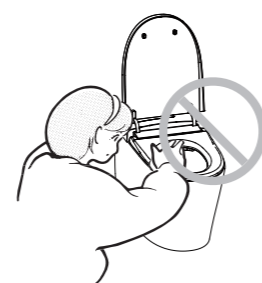
Do not install product in a humid environment or a soak room. Do not spray or soak this product with any form of liquid to prevent any damage to the product.

※Risk of fire and/or electric shock.



Do not place your hand or any other object into the dryer trap, and do not cover the dryer and dryer trap during product use.

※Risk of fire, electric shock, and/or other accident that may lead to user injury.



Do not spray urine at the dryer trap.

※Risk of electric shock.

Read the following for proper battery usage.

- Properly install the battery according to its correct polarity.
 - Remove the battery during long periods without use.
 - Replace the battery before it reaches the end of its usage. Failure to do so may result in interrupted control signals.
 - Cover the battery with tape before disposal.
- ※This will prevent battery fluid leaks that may cause fire and/or other damages.

Warning

- Place the battery out of children and infant reach.
- ※If battery is swallowed, contact a doctor immediately.
- If battery fluid leaks onto user, quickly rinse off area using water.
- If battery fluid gets into eyes, do not rub your eyes. Quickly rinse it with water and consult a doctor immediately.
- ※May result in vision impairment or blindness.

When the battery is in use, do not do the following operations.

- Do not hold or store with metal objects (such as a necklace or a watch).
- Do not mix new and old batteries.
- Do not pull battery apart battery or throw it into water and/or fire. Battery fluids may cause a fire.

Attention

Do not use the heated seat or warm dryer temperature for an extended amount of time.
※Extended use may result in burns.

Avoid direct sunlight or heat.
※Risk of product discoloration.

While using this product, make sure that the skin is in contact with the seat sensor area. Otherwise, product may not operate correctly.
※Children and smaller individuals may have trouble staying in contact with sensor area.

Do not supply electricity with an external switch. I.e: connecting the universal part to a timer switch.
※Run the risk of issues caused by improperly resetting the thermal breaker.

Do not spray urine in the direction of the bidet nozzle.
※Doing so may result in blockage to the bidet nozzles and cleaning area.

When the T-valve is being replaced, be sure to close the water supply angle valve. When the T-valve is being installed, be sure to fasten it with force.
※Risk of water leak.

Do not use your old hose component. Use the one provided with your product. Anything else connected to the older hose may need to be replaced.
※Risk of water leakage and/or property loss/damage.

Pull out the power plug when the product is in disuse for an extended amount of time. Make sure to shut off the water and remove the water inside the product.
※Risk of fire, leaks, and product damage.

In case of sudden power failure, remove the power plug and close the angle valve to prevent water leakage.
※Risk of water leakage and/or property loss/damage.

When storing or transporting in cold climate, make sure to remove all water from the unit. Product may crack and other damages may occur due to freezing water.
※Risk of fire, leaks, and product damage.

Installation

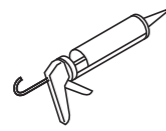
Tools required for installation

Required tools

Required tools for installation. Please have these tools prepared prior to installation.



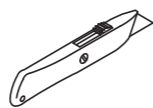
Drill
(Dia. 0.24in)



Silicone gun



Teflon tape



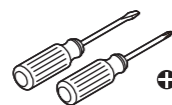
Knife



Marking pen



0.91 - 0.98 in
(Spanner model varies for different pipes)



± screw driver



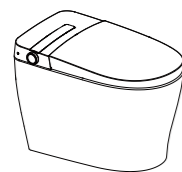
Measuring tape



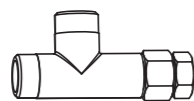
Measuring cup

Item list (Confirm that all below items are inside the box)

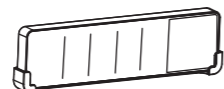
Smart Toilet(1 set)



T-valve(1 pcs)



Remote control set(1 set)



(holder 1 pc, screw 2 pcs)

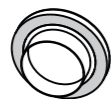
AAA Battery(2 pcs)



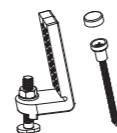
Sealing Flange



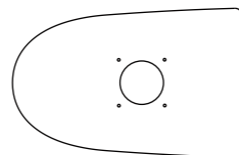
Wax Ring(1 pcs)



Mounting accessory kit(2 pcs)



Mounting Template

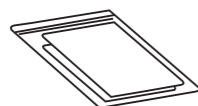


Pre-filter(1 pcs)



(complimentary gift)

Installation Book&User Manual



Replaceable Nozzles(2 pcs)



(complimentary gift)

※ Please confirm all the aforementioned items are inside the package.

If there are any omissions, please contact our customer service.

※ Illustrations above are for references only, Actual objects may look different in person.

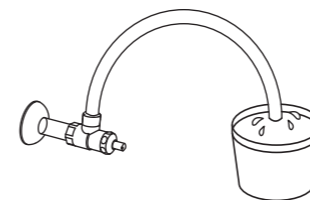
Before You Install

Water pressure check, dimensional drawing

Confirmation of water pressure

- The minimum dynamic operating water pressure is 35 psi, and the maximum static water pressure is 108 psi.

Determination method for minimum water flow



(Tools: stopwatch, measuring cup.)

Open the angle valve for water supply.

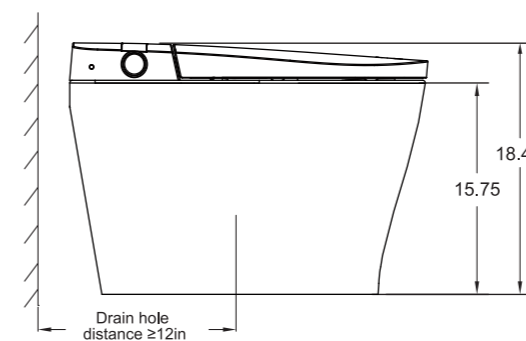
The measured water flow for 10.57gal/min.

※ If the above conditions cannot be met, the best flushing effect cannot be achieved and an additional booster pump is required to increase the pressure.

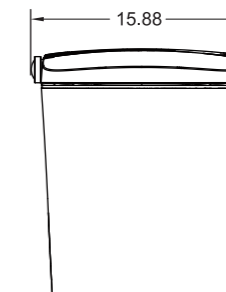
Confirm dimensions of product with installation space

Wall

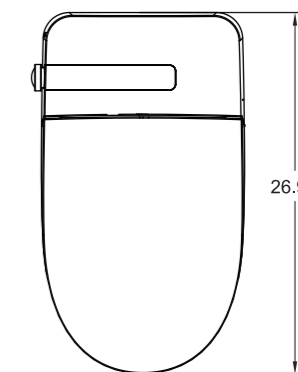
Unit: inches



Side profile



Front view



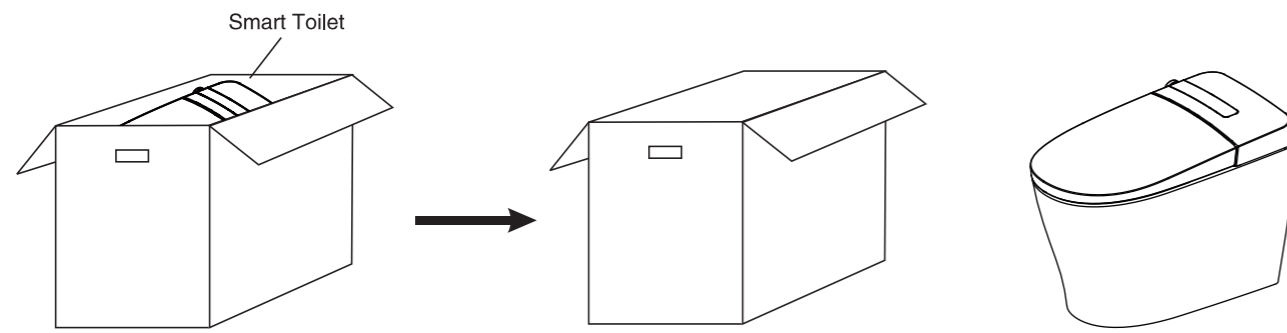
Top view

Installing Your Product

Install your unit using the following steps

1 Open the box right side up

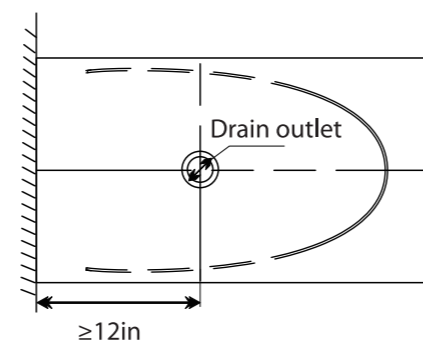
Remove the accessories first, then remove the unit from the top, as shown in the diagrams below.



2 Mark your drainage hole with a cross

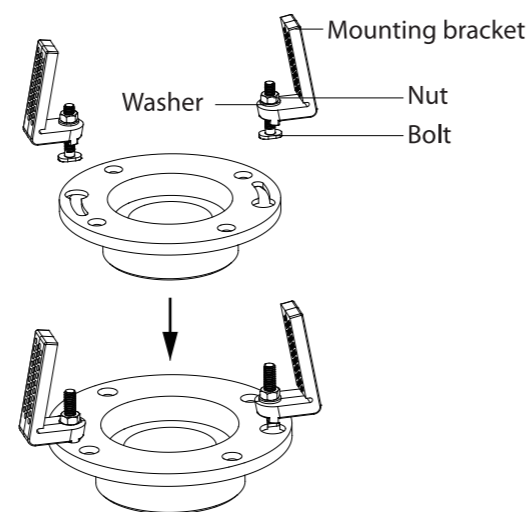
Cardboard installation

- Align cardboard with the centerline of drain outlet;
- Draw contour line according to cardboard;



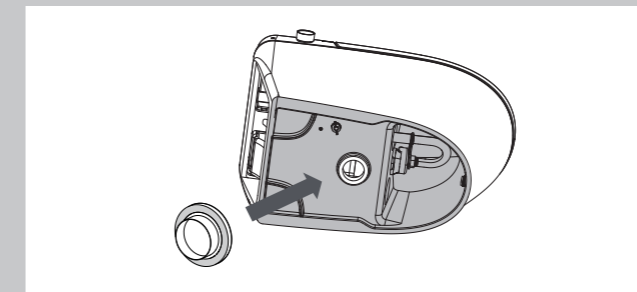
3 Mounting bracket installation

- Assemble the mounting bracket with bolts and then install them to the pre-installed flange plate on the ground and lock tight with nuts.

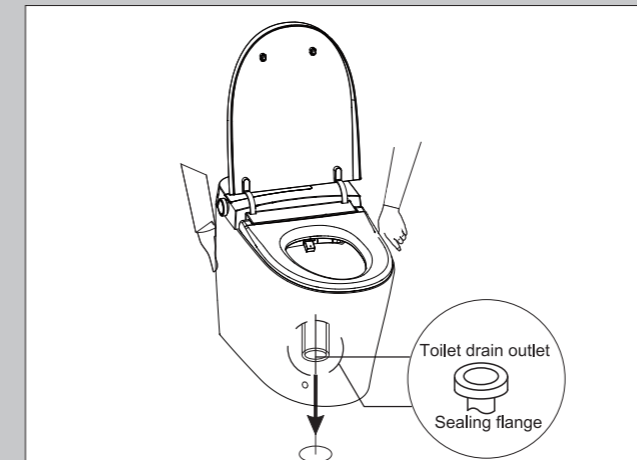


4 Install the ceramic body, water supply hose, T-valve

1. Place the wax ring on the drain hole at the bottom of the ceramic.

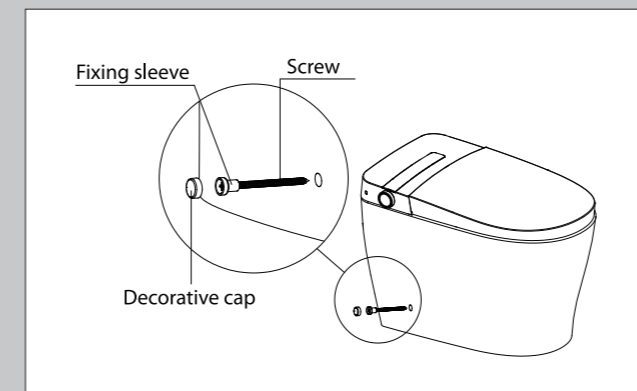


2. Install sealing flange into drain outlet.
3. Install ceramic toilet on corresponding position according to contour line.

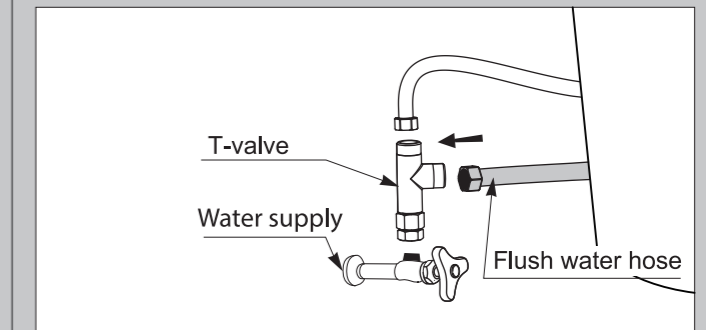


Tips: The toilet is heavy, and it needs to open the seat cover to carry it by two people.

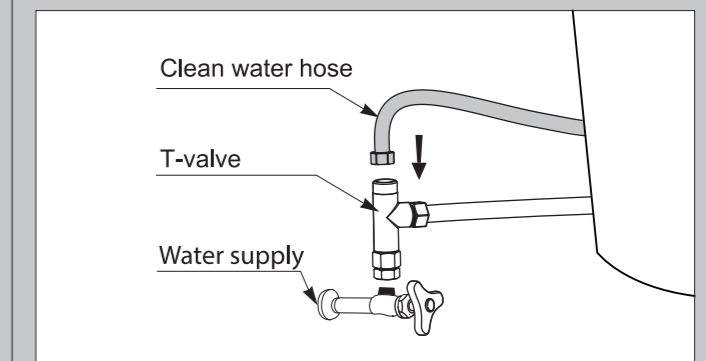
4. Put the screw through the fixing sleeve and then install it through the holes (on both sides of the toilet ceramic) to the mounting bracket on the ground, and lock tight with a tool.
5. Put the decorative cap on the fixing sleeve.



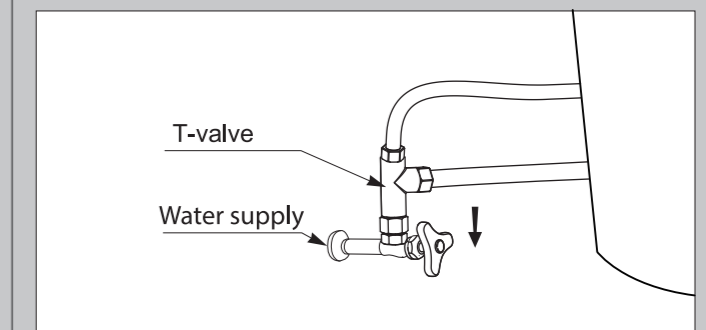
6. Attach the flush water hose to the T-valve and tighten.



7. Attach the clean water hose to the T-valve and tighten.



8. Connect the T-valve to the water supply and tighten. Use gasket to prevent water leakage.



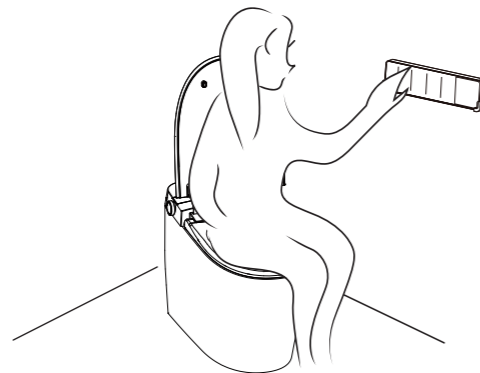
9. Finish installation.

5 Installing the remote

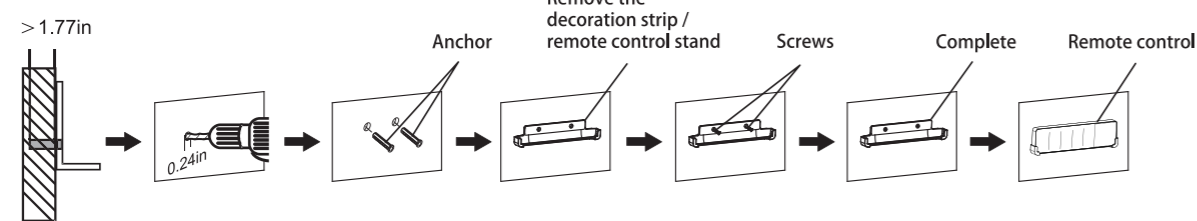
1. Drill two 6mm(0.24 inch) diameter holes on the wall (about 1.77 in deep)
2. Knock the anchors into the hole with a hammer.
3. Secure the holder with anchors.
4. Use the screws to secure the holder to the wall.
5. Remove the battery cover from the backside of the remote to install batteries
6. Once finished, remote is ready to be placed in its holder.

Detailed steps shown in the diagram below:

- ※ Please use proper mounting tools for special wall surfaces (such as wood, HDF, etc.)
- ※ The remote control holder should be installed away from the bidet's spray trajectory.
- ※ The remote control holder should be installed within reach when seated on unit.
- ※ Make sure there is nothing to block the transmission between the toilet and its remote.



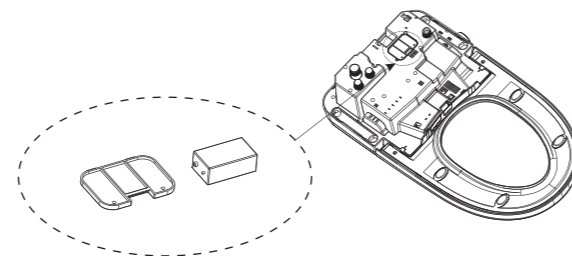
Steps:



6 Installing and replacing the battery

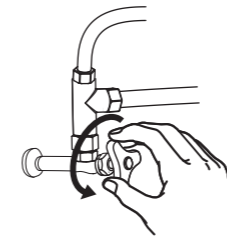
Install and replace the emergency flushing battery

1. Reach into the bottom of the toilet cover and lift the cover upward firmly;
 2. Remove the battery cover by unscrewing the screw with a crosshead screwdriver;
 3. Replace the new battery, shut the battery cover, and tighten the screw with a crosshead screwdriver;
 4. Place the toilet cover to the flat position and press down to fix the cover.
- ※ Please confirm the battery's positive and negative poles. Please do not charge, disassemble, fire the battery, or mix with used batteries or different kinds of batteries to avoid liquid leakage or explosion.
 - ※ The battery box has a moisture-proof function. Please ensure that the set screws are screwed in place to achieve a good seal effect.
 - ※ If the battery needs to be replaced, it is recommended to contact your local dealer to have it replaced by specialized personnel.



7 Testing water flow

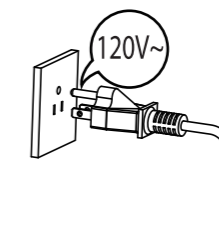
1. Open the water supply angle valve to maximum as shown in the figure.



2. Confirm various connecting parts are not water leaking.
 - ※ In case of water leaking, unfasten the nuts again and install them again.

8 Connecting power

1. Connect to the grounding.
2. Plug in AC 120V power plug.



- (1) Check to see if the power light is on.
- (2) Press the side knob, confirm the toilet is power on.

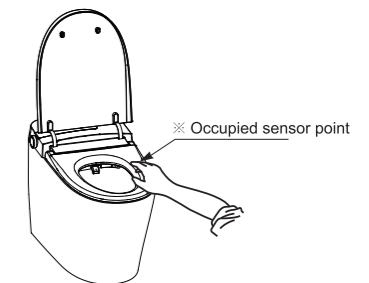
Testing the product

(Test whether the functions of the buttons on the remote control and the knobs on the side of the body are normal)

- Are all the functions working properly?
Rear Wash, Front Wash (Including water pressure & nozzle position adjustment), Heated Dryer, Water & Seat temperature Adjustment, Nozzle cleaning, Remote control. All functions listed above should be tested.

- Checking rear wash.

Please use your hand to hold the seat sensor area, turn the knob forward or press the "Rear / Moving" button on the remote control, and use your hand to cover the front of the washer to block the flow of wash water to avoid spraying water on your body or clothing.



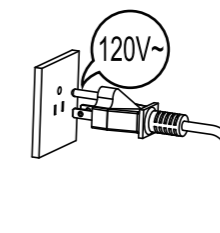
Matching your remote control code

※ When the product leaves the factory, the remote control and the product are connected, if the remote control went failure, please re-connect the code as following methods.

1. Unplug the product's plug, press the stop key for few seconds until the level light is flickered.



2. Plug the attaching plug when the remote control get closer to the product.



3. The level light stops flickering, and then it is lighted on.

All the level light is lighted on



4. At the time, the remote control and product is re-connected.

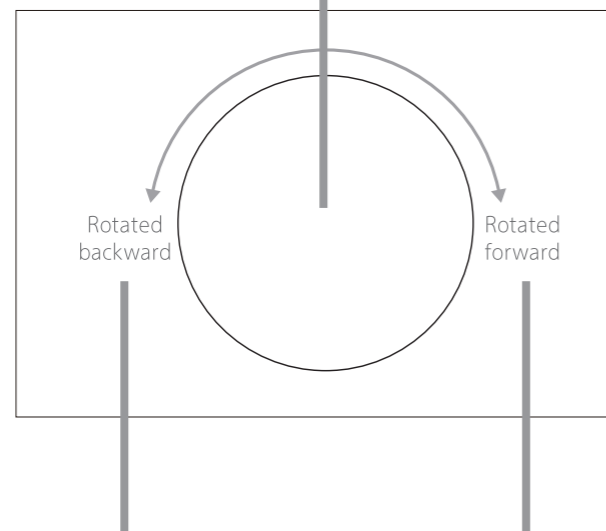
《Function Explanations》

■ Power / Stop

Stand by: Long press to activate it. Press and turn forward to turn on/off the entire unit's light(except night light).
Activated: Under the front wash, rear wash, drying mode, short press to stop it.
Activated and not sitting on the seat: Short press to flush. Long press to the stand by mode.

■ Emergency flush

When the product is not powered-on, short press the knob, it can achieve emergency flushing function.
※If the above operation does not work, you need to replace the battery or contact us local dealer.



■ Front wash

Under no cleaning and drying mode, and seating on the toilet.

“Rotated backward”, rotated it backward for 45°to enter into the front wash mode, which the mode is defaulted to cleaning moving. The cycle of operation: front wash 1.5mins + drying 4mins + flushing when drying for once.
During washing, turn the knob to adjust water pressure.

■ Rear wash

Under no cleaning and drying mode, and seating on the toilet.

“Rotated forward” , rotated it forward for 45°to enter into the rear wash mode, which the mode is defaulted to cleaning moving. The cycle of operation: rear wash 1.5mins + drying 4mins + flushing when drying for once.
During washing, turn the knob to adjust water pressure.

※When starting up, short press the knob to send ceramic flushing command when there is no function.

■ Auto flush

When the seat sensor no longer detects a user, it will automatically flush.

The toilet will only flush once.

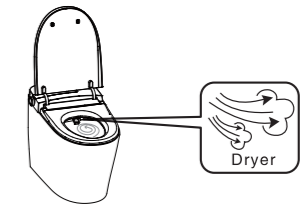


■ Drying With Flush

After cleaning and without flushing, press the "Dryer" button.

The warm air function is activated and a flush is performed.

※Rear/front wash is not available during flushing.

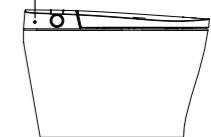


■ Night light

It runs automatically around the ambient light.

When the night light is turned on, it will automatically turn on/off the night light through the changes of intensity of the outside light. When the light is strong, the night light is automatically turned off, and when the light is weak, the night light is automatically turned on.

Light sensing device



■ Automatic deodorization

The function will operate automatically.

The deodorization function will be activated when seating on the toilet, and will be closed after leaving the seat for 3mins.



■ Power Saving ECO

Press the "Power Saving" button to turn on/off the power saving ECO function.

When power saving and seat temperature are activated, about 30 minutes after leaving your seat, seat temperature decreases to a low setting and held.

■ User-friendly design

- Slow-closing lid/seat
Preserve your toilet's life and allows you to close the lid/seat silently.
- Damper
The product has installed the damper which provide the toilet cover and toilet seat with a buffer function, to achieve the mute effect.
- Memory mode
By power off, water/air/seat temp, water pressure, nozzle position are all power-off memory.
- Multi-Protections
Multiple built-in safety features to protect the user and product.
- Self-cleaning Nozzle
The washer can automatically clean, keeping bacteria and stains away.
- Pre-flush
After seating, the toilet will flush once to moisten the bowl.
- Silent Mode
Press "Silent mode" to turn on/off all Function Prompt Tones (Except alert tone).

Maintenance

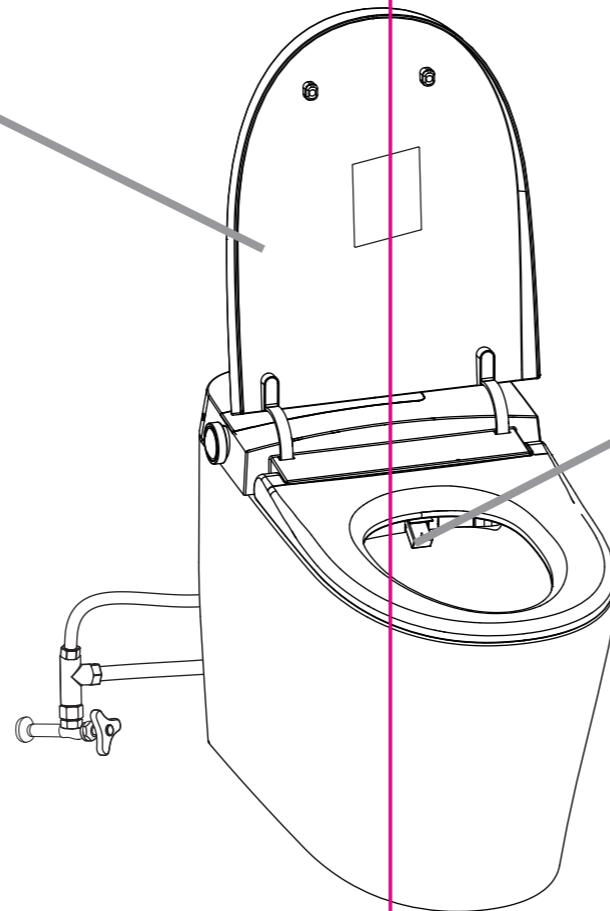
Regular maintenance is required to ensure normal use

Note

- Cut off the power and water supply before maintenance.
- Direct water wash to the entire product is prohibited.

Maintenance of product surface, ceramics and metal

- Wipe dust or stains with a soft wet cloth.
- A wet soft brush, cloth or sponge may be used to clean the ceramic area.
- It is recommended to use metal specific cleaning agents when cleaning and maintaining metal accessories to avoid rust, and to wipe them clean in a timely manner after cleaning.
- ※ Do not use abrasive cleaning solutions, such as alcohol, bleach, paint thinner, cresol, benzene, gasoline, etc.



⚠ WARNING

Do not spray water or detergents on the toilet, remote control or the power cord. Doing so may cause electric shock or fire.



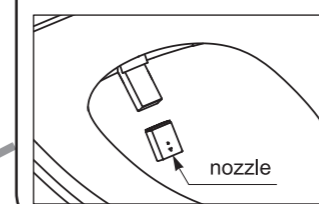
■ Maintenance during Winter Season

During winter season, the water inside may freeze after long periods of storage and non-usage. Please take measures to prevent.

Note

- Before connecting the product to the water supply and electrical outlet, allow it to defrost for 30 mins in a warm indoor environment.
- In cases of extreme cold/freezing/nozzle stuck in place, wrap the water input line with a warm towel. Never pour hot water or use a hot dryer directly on the toilet.

Maintenance of the nozzle



Press the "Nozzle Clean" button on the remote control without occupying the seat. The nozzle will extend. Proceed to clean with a soft toothbrush.

- ※ Do not forcefully hold the nozzle, otherwise it may break.
- ※ Please change the spout if it blocked.

Troubleshooting

Experiencing issues with your product?

If the user should run into any issues, please consult the troubleshooting guide below. If problem persists, please contact a professional.

Power Button

Phenomenon	Fault Diagnoses	Solutions
Not working	Check whether the attaching plug is loose or not	Please check the circuit
	Check whether the power is switching on or off (the power light is not on)	Press rotated switch for 3s, the power light is on.
	Check whether there is any electric leakage or not	Please unplug the attaching plug and contact with local distributor to repair.

Wash Functions

Phenomenon	Fault Diagnoses	Solutions
No water from the spout	Check whether or not the water supply cuts off	Wait for the water supply restoring
	Check whether or not the angle valve switches off	Open the angle valve
	Check whether or not the filter mesh is blocked	Clean the filter mesh
	Check whether or not the inlet pipe is flexed	The inlet pipe must be straight
The intensity of cleaning is not strong enough	Check whether or not the water pressure of cleaning switch to low level or not	Regulate the water pressure according to the instruction manual
	Check whether or not the filter mesh is blocked	Clean the filter mesh
Unusual water flow from the spout	Abnormal operation	Unplug the attaching plug for one minute and then plug it again
The water temp is not warm enough	Check whether or not the water supply switches to low level	Regulate the water temp according to the instruction manual
The cleanser is always leaking	Solenoid valve no longer has any effect	Please contact with our qualified maintenance personnel for repairing
The cleaning function is not working normally	The human induction system of the toilet seat no longer has any effect	Please contact with our qualified maintenance personnel for repairing

Dryer

Phenomenon	Fault Diagnoses	Solutions
The dryer blows cold air	Check whether or not the dryer switches off	Regulate the temperature of dryer according to the instruction manual
	Check whether or not the heating element of dryer is damaged	Please contact with our qualified maintenance personnel for repairing

Heated Seat

Phenomenon	Fault Diagnoses	Solutions
The seat temp is too low or is not hot	Check whether or not the temp of toilet seat is on the "off" position	Regulate the temperature of toilet seat according to the instruction manual

Remote Control

Phenomenon	Fault Diagnoses	Solutions
Remote control is not working	Low battery	Please replace a new battery
	Check whether or not there is any water on the remote control	Wipe off water by dry towel

Toilet Unit

Phenomenon	Fault Diagnoses	Solutions
The product is not flushed clean	No power supply	Power restoration
	No water from the spout	Please contact with our qualified maintenance personnel for repairing
	No water but have the sound of flushing	1. Check whether or not the pipeline is blended or not, please keep the water supply pipeline open and smooth 2. Check there is any damage of water pump
	have water all the time	Please contact with our qualified maintenance personnel for repair if there is any unusual from the water inlet valve.

Soft-Closing Feature

Phenomenon	Fault Diagnoses	Solutions
Seat and lid slamming	Dampers failure	Please contact with our qualified maintenance personnel for repairing

Specifications

Rated voltage		120V~
Rated frequency		60Hz
Rated power		1050W
Water supply hose type		DN15(G1/2")
Water Inlet	Minimum pressure	35psi, ensuring a flow of water at least 10.57gal/min
	Maximum pressure	108.8psi (static state)
Toilet	Flush type	Tornado flush
	Rough-in	Rough-in 12in
Washing	Heating type	Instant heating
	Temp of warm water	OFF/93.2°F-102.2°F (4 levels)
	Safety system	Butterfly thermostat, thermal fuse, flow sensor
Dryer	Dryer temp range	OFF/ 95°F-131°F (4 levels)
	Dryer air speed	> 4m/s
	Safety system	Thermal fuse, bi-metal
Heated seat	Heat temp range	OFF/93.2°F-102.2°F (4 levels)
	Safety system	Thermal fuse