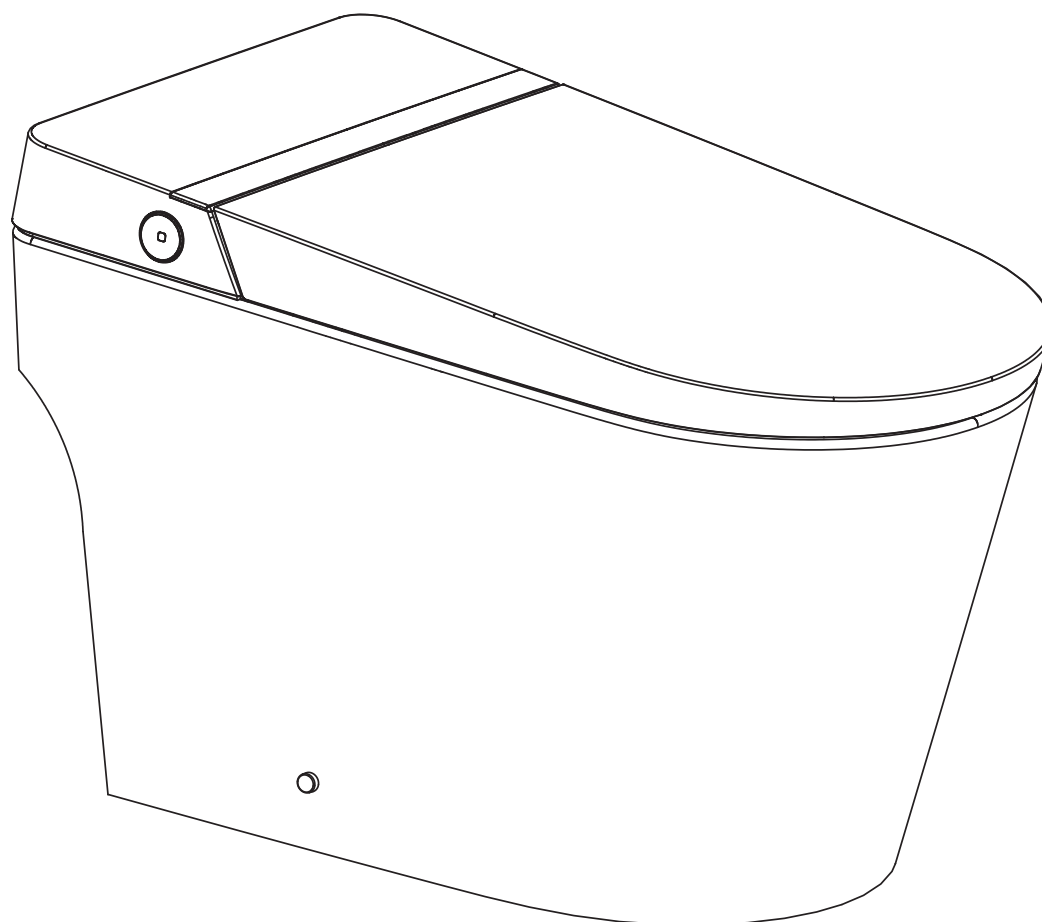




MODEL CO-713-TS

INSTALLATION MANUAL

Thank you for choosing our products. Please read the instructions carefully before installation and keep on hand for future maintenance or reference

CONTENT

INSTALLATION

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IMPORTANT SAFEGUARDS

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

- 1- The appliance is not to be used by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction
- 2- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved
- 3- Children shall not play with the appliance



DANGER Reduce 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
- 5 - Do not reach for a product that has fallen into water. Unplug immediately
- 6 - Do not wash the main unit or electrical plug with water or detergent
- 7 - Do not handle the electrical plug with wet hands
- 8 - Never block the outlet of the air dryer
- 9 - Never disassemble, repair or modify this product
- 10- During installation, disassembly, repair and maintenance of the product, the power plug must be switched off and water supply be shut off



WARNING Reduce risk of burns, electrocution, fire or injury

- 1 - Close supervision is necessary when this product is used by, on, or near children or individuals with disabilities
- 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 use while sleeping or drowsy
- 6 - Never drop or insert any object into any opening or hose
- 7 - Do not use outdoors or operate where aerosol (spray) products are being used or where oxygen is being administered
- 8 - Connect this product to a properly grounded outlet only. See Grounding Instructions
- 9 - Do not throw cigarettes and other burning materials into toilet, otherwise it might cause fire
- 10- This product is an electric appliance, so it must be placed far away from water and other liquid
- 11- Do not lay the product on its side or upside down during the electrical circuit
- 12- It is prohibited to use other electric appliances in the same socket
- 13- It is forbidden to use the power extension or unstable loose outlet
- 14- Do not reuse any existing water supply hoses, otherwise it might cause leakage, fire or electrical shock. Installation should include specified components and a new water supply hose



CAUTION

Failure to follow instructions may cause bodily injury or property damage

- 1 - Do not install or use the product in wet places as steam room etc
- 2 - It is recommended to use water-proof electrical outlet which should be installed in a place where is not easily to get wet
- 3 - This product should be used with 110V-120V, 50/60Hz electrical current only, load current is at least 15A. Power plug must be equipped with ground fault circuit interrupter or ground fault electrical leakage protector or similar high sensitive, rapid type leakage switch (Rated sensitive current under 6mA)
- 4 - When it thunders, it is strongly recommended to pull out the power plug
- 5 - Do not stand on ceramic toilet
- 6 - Ceramic toilet must install floor fixing bolts
- 7 - Do not stand on product unit, seat and lid
- 8 - Do not lean against the seat lid when using the product, to avoid damage
- 9 - This product is equipped with a soft-closing seat lid. Do not push the toilet seat closed, or damage may occur.
- 10 - Do not use any caustic chemicals or scrubbing brush to clean this product
- 11 - Exposure to direct sunlight is prohibited
- 12 - Only use tap water or potable water, otherwise it may cause chafing
- 13 - Do not connect water supply to heater outlet. Make sure inlet water temperature is between 3~35°C / 37.4~95°F
- 14 - When the room temperature is under zero degree, please drain the water tank, to avoid freezing
- 15 - Raise room temperature to prevent the toilet from damage due to freezing
- 16 - When moving the product from cold or wet environment into normal room temperature, wait for 2 hours until the condensation water is fully volatilized. Doing so can prevent the product from electrical short-circuit
- 17 - When not using the product over three(3) days, drain the water out of the toilet and pull the electrical plug from the wall outlet
- 18 - Stop using the product and shut off the power when product malfunctions.
Call for professional service.



DANGER

Improper use of grounding plug can result in 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. This product is factory equipped with a specific electric cord and plug to permit connection to a proper electric circuit. Make sure that the product is connected to an outlet having the same configuration as the plug.

No adapter should be used with this product. Do not modify the plug provided — if it will not fit the outlet, have the proper outlet installed by a qualified electrician. If the product must be reconnected for use on a different type of electric circuit, the reconnection should be made by qualified service personnel.

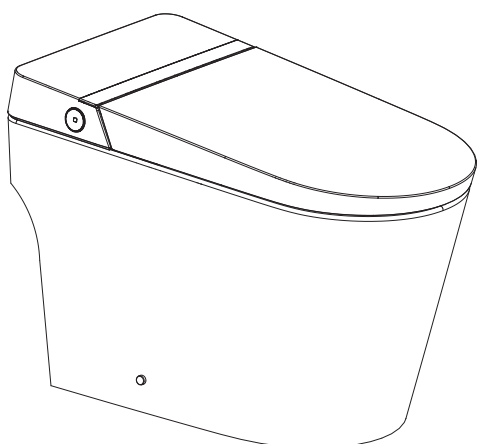
SAVE INSTRUCTIONS

MODEL CO-713-TS		
Main Unit	Rated voltage	110V-120V, 50/60Hz
	Rated power	865W
	Water proof	IPX4
	Power cord length	About 2.2m
Toilet	Flush volume	1.6/1.1Gpf, 6.0L(full flush)/4.1L(half flush)
	Flushing mode	Siphonic jet
	Rough-in	305mm
	Outlet outside diameter	≤100mm
	Drainage method	S-trap
	Water Pressure Range	0.09MPa (dynamic pressure, flow rate of 3.96+Gal/min or 15.0+L/min) - 0.8MPa (static pressure)
Cleaning Device	Heating mode	Instant
	Heating power	120V/1400W
	Water temperature	6-level adjustment
	Water volume	3-level adjustment
	Cleaning mode	Rear washing / Oscillating washing, Front washing / Oscillating washing
	Nozzle position	5-level adjustment
	Water pressure protector	Pressure maintaining device, Automatic pressure relief device
	Anti-fouling device	Automatic nozzle cleaning, Anti-syphon device, Anti-backflow device, Filter device
	Safety Device	Thermal Fuse – Water Temperature Sensor, Ground protection – Leakage Protection Plug Thermostat – Over temperature protection

MODEL CO-713-TS			
Drying Device	Warm Air Volume	Over 0.2m ³ /min	
	Warm Air Temperature	6-Level Adjustment	
	Heating Power	250W	
	Safety Device	Thermal Fuse, Temperature Sensor, Thermostat	
Deodorization	Deodorization Method	Photocatalyst-Free	
Heated Seat	Surface Temperature	6-Level Adjustment	
	Heating Power	50W	
	Burn Protection	After 10 minutes of use, the seat temperature will automatically drop slowly to a low level	
	Safety Device	Seat Sensor, Temperature Sensor, Thermal Fuse, Leakage Protection Plug, Thermostat	
Caring Device	Night Light Assembly	Intelligent, Always-On, Always-Off	
	User ID Setting	To avoid interference when used by multiple users	
	Automatic Flushing	Automatic Flushing after use	
	Power-Off Flush (Optional)	Toilet will be washed manually after power failure (This function is optional, please install the battery before use when it is available.)	
	Foot-Sensor Flushing Function (optional)	Foot Sensor Flushing	
Difference Description	Lid Opening	Lid Auto-Open	Soft Close
Antibacteria Sitel		Seat, Nozzle	

Rated power: Under the condition of ambient temperature 23°C / 73°F, water static pressure 0.18MPa±0.02MPa, water temperature 15°C / 59°F, power toilet on, set water pressure, seat temperature, water temperature to the highest level in turn and perform one rear washing cycle.

LIST OF MATERIALS



Main Unit



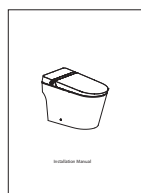
Remote Control Components



Sealing Flange



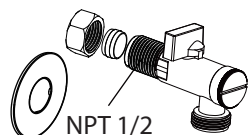
Installation Cardboard



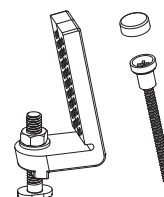
Installation Manual



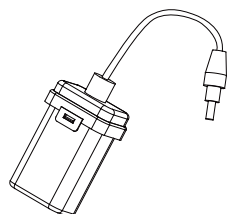
**Braided hose
(Installed)**



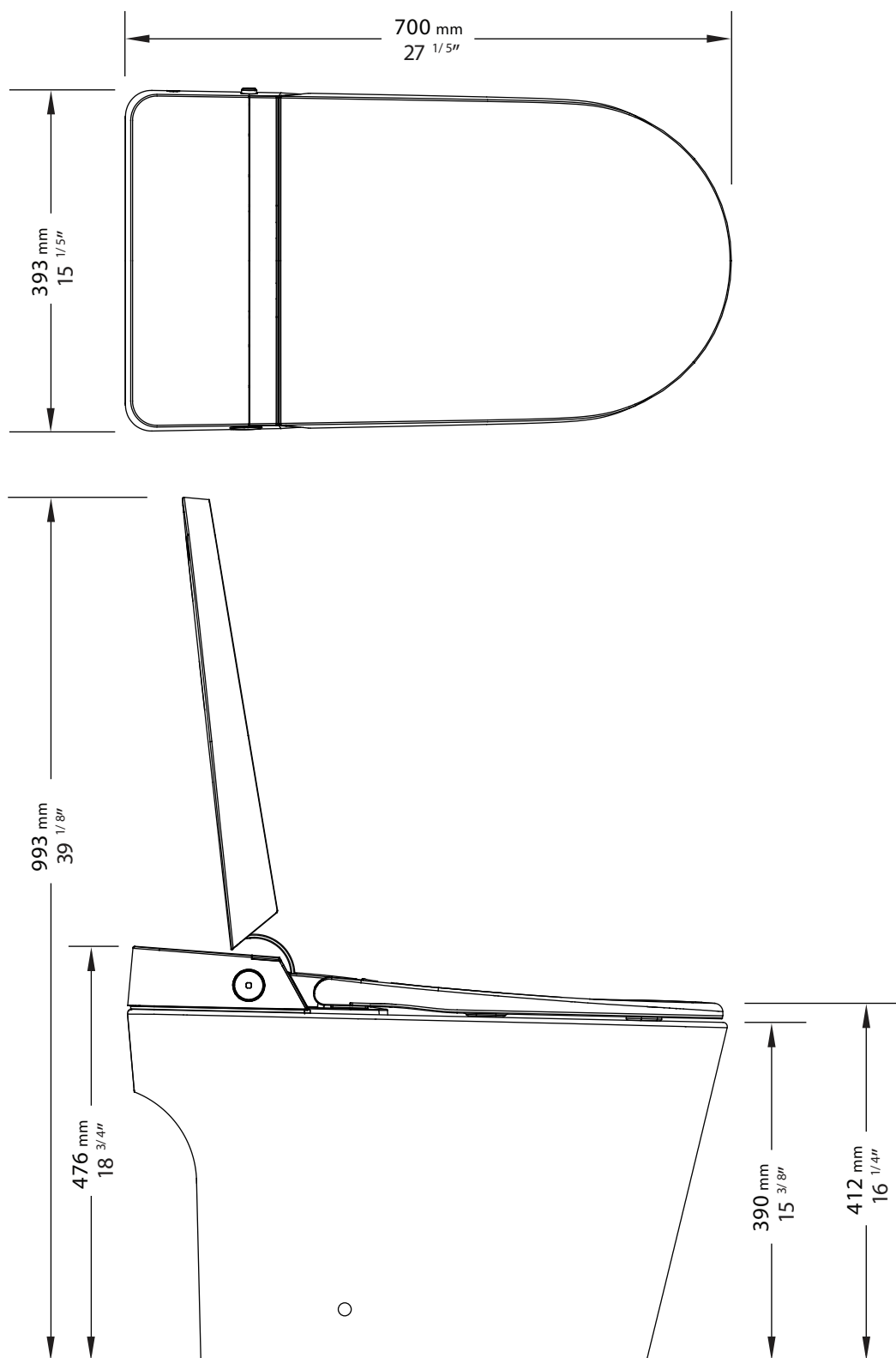
Angle Valve



Mounting Kit



Battery box (optional)

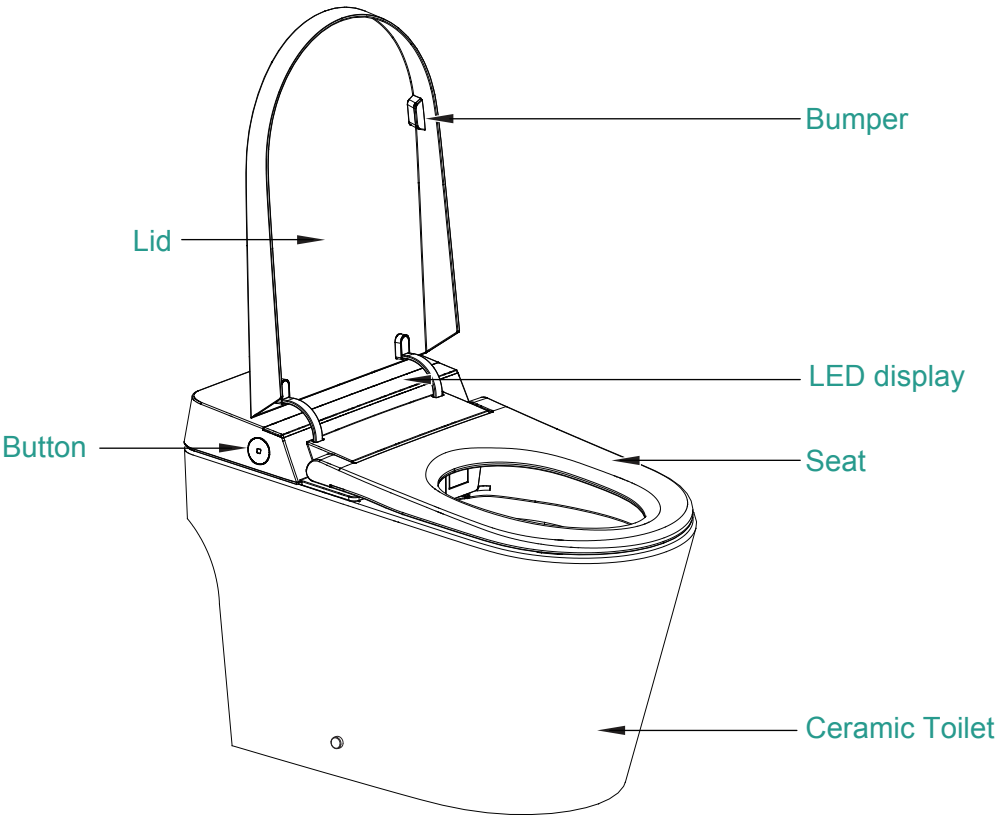


Note:

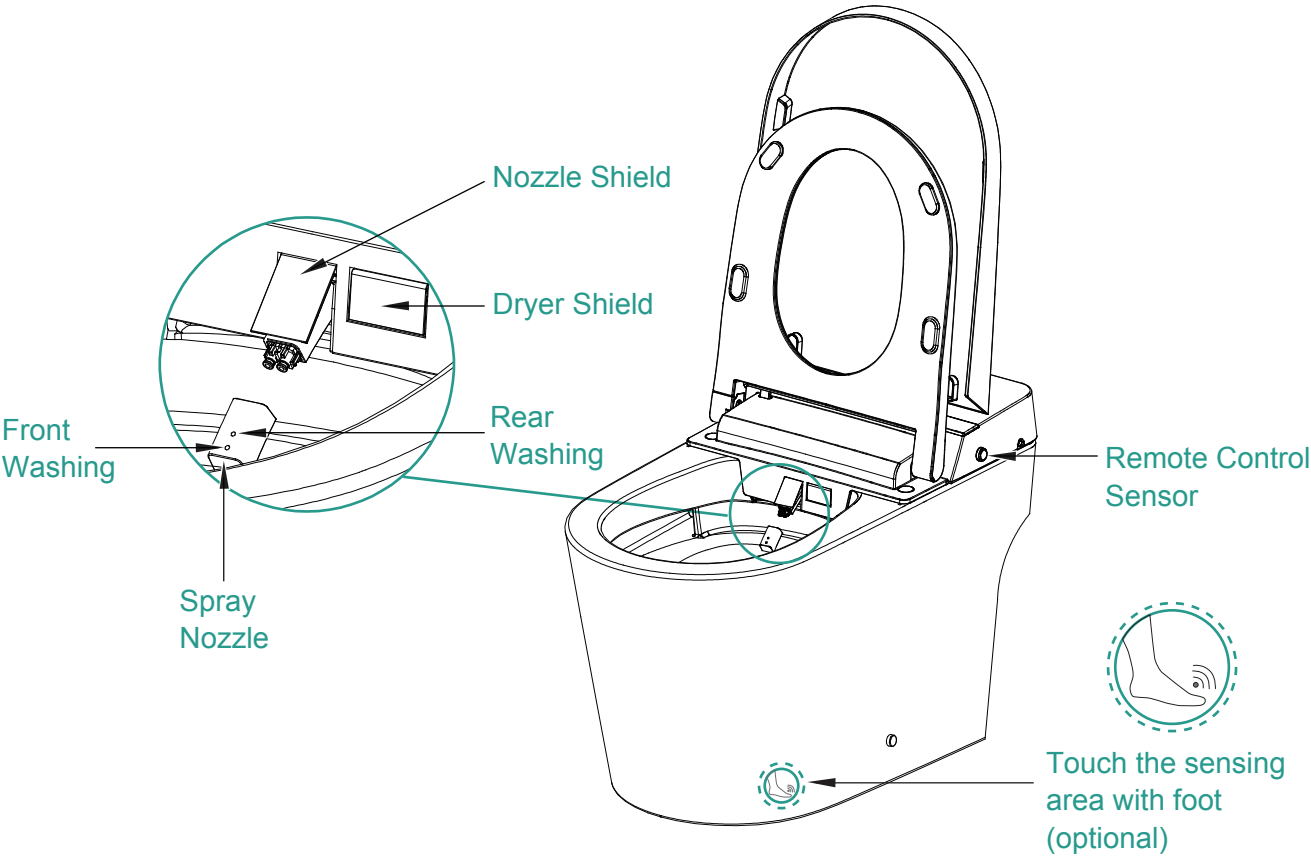
- The drawing is for reference only all rights reserved to modify product appearance
- Product appearance is subject to change in kind

PARTS IDENTIFICATION

Left Side



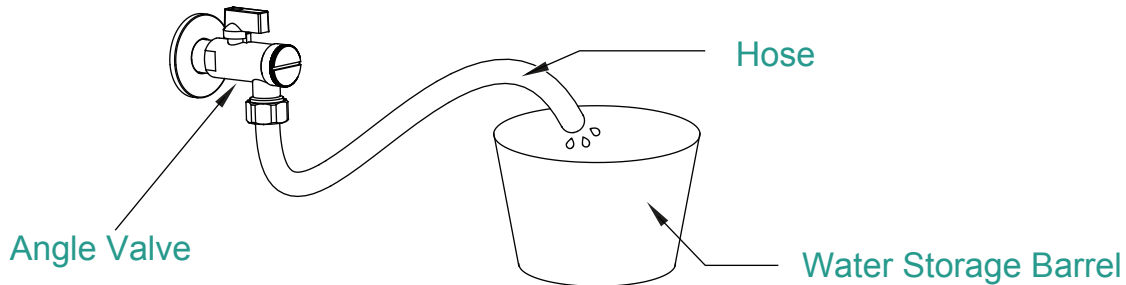
Right Side





PRECAUTION Before installing

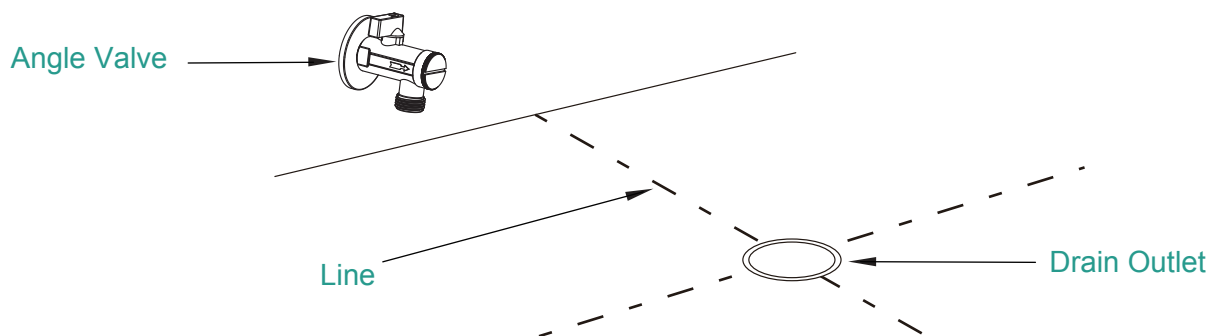
Minimum dynamic working water pressure: 0.09+MPa (3.96+Gal/min or 15+L/min), failure to meet this pressure will not achieve the best flushing effect.



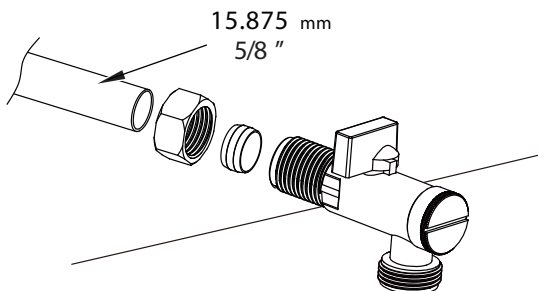
Open the angle valve to check the water volume. If the water volume after 10 seconds is greater than 0.66Gal (2.5L), then it is OK to proceed installation.

1 - INSTALLATION OF ANGLE VALVE

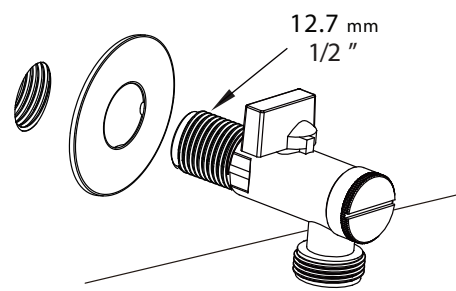
- Draw drain outlet centerline on the floor. Install angle valve at proper position on the wall according to the dimension of toilet



Installation Method 1



Installation Method 2



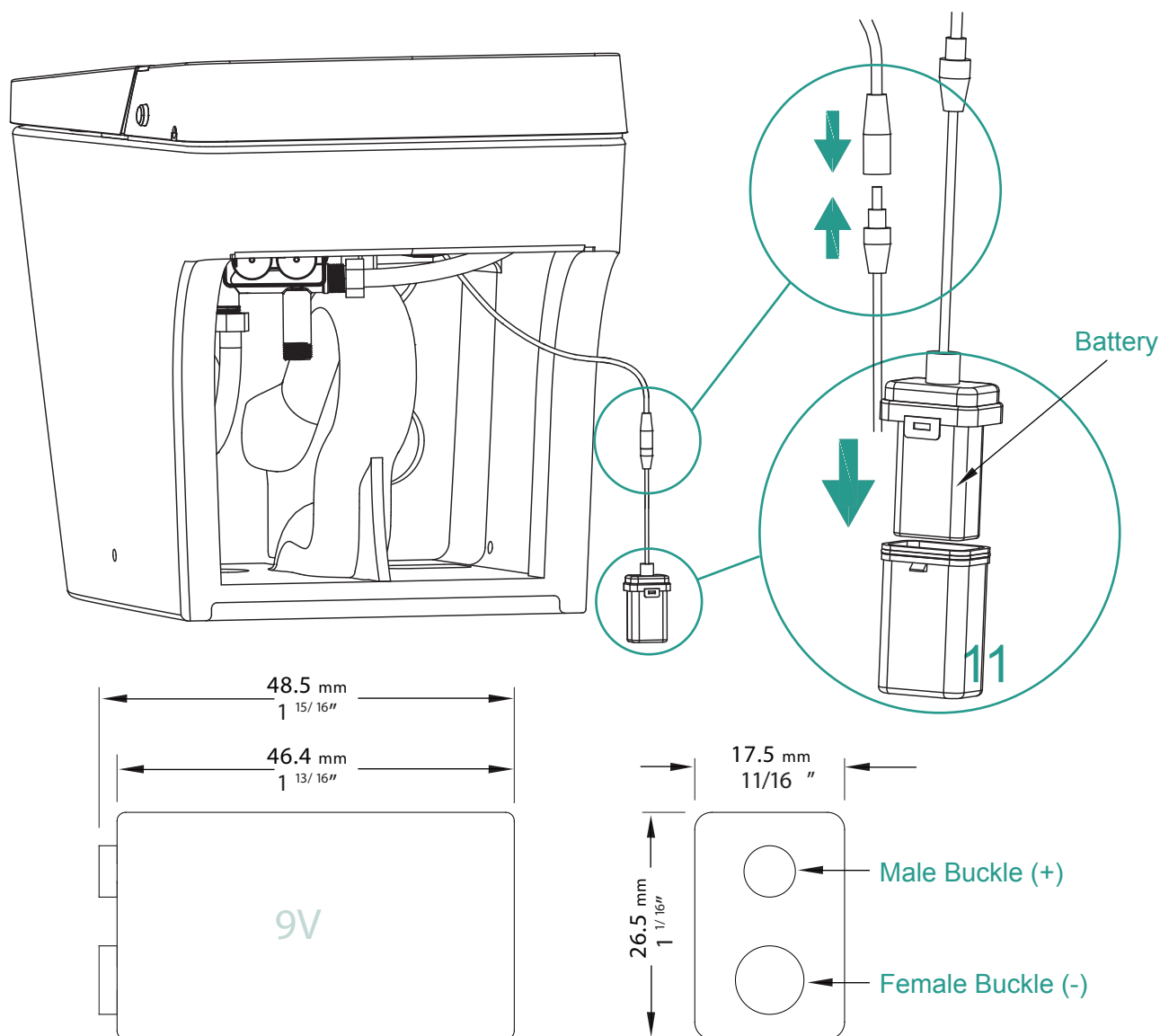
Note:

- Please use the supplied angle valve when installing this toilet. Use of another angle valve not including a filter may result in blockages in the toilet and bidet waterways
- If replacing an existing angle valve, please contact a professional for installation

TOILET INSTALLATION

2 - INSTALLATION OF BATTERY BOX (Suitable for function with power-off flush)

- Before activating the power-off flushing function, it should install the 9V battery into the battery box and close the box cover in advance
- Take out the battery connection cable from the rear side of seat cover and connect it to the female end of the battery box, ensuring that it is plugged in place
- Remove the sticker on the velcro at the bottom of the battery box and place it on the proper position of the ceramic back for easy removal



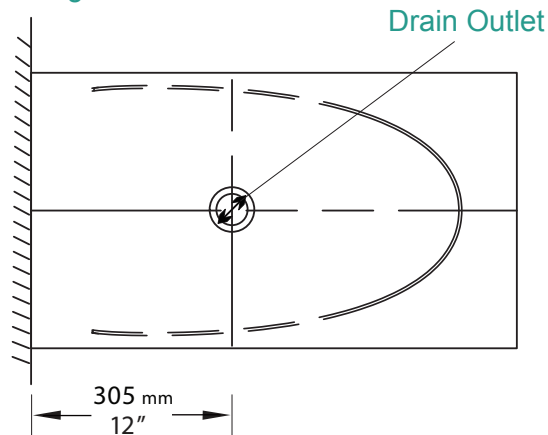
Note:

- It is recommended to hire professional personnel for this operation
- Use 9V high-quality dry battery, such as models 6LR61 or 6F22
- There is no battery installed in the battery box in the configuration. It should be purchased by the customer before installation
- It is recommended to replace the battery every two years, otherwise there may be a risk of leakage

TOILET INSTALLATION

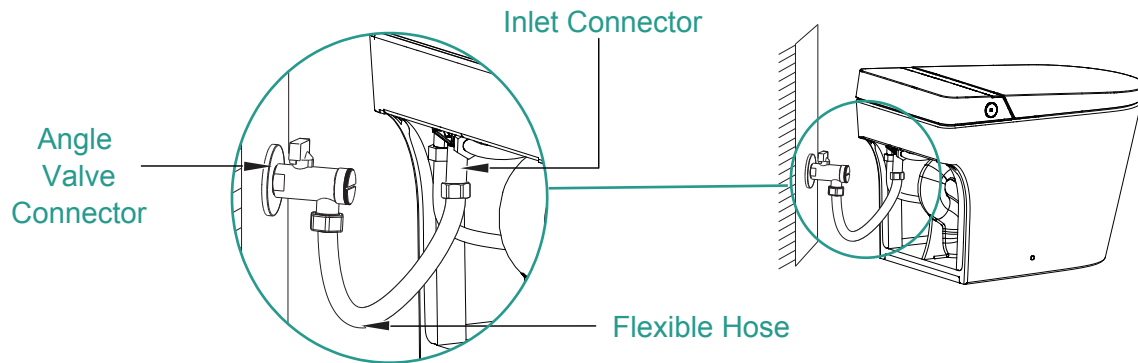
3 - CARDBOARD INSTALLATION

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



4 - HOSE

- Connect the water inlet and angle valve of the toilet with the matching hose and tighten it

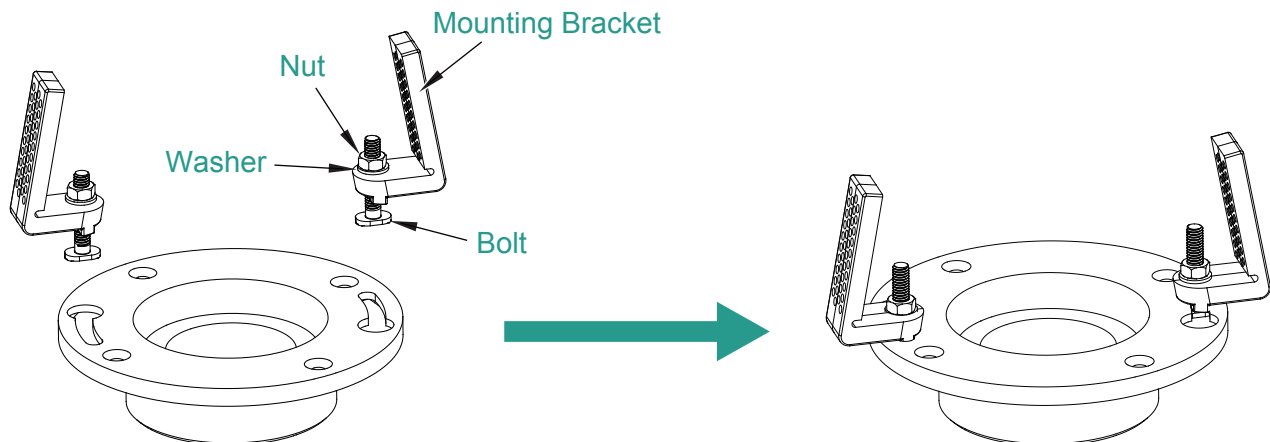


Note:

- Use the supplied water-supply hose to ensure optimal flushing performance

5 - MOUNTING BRACKET INSTALLATION

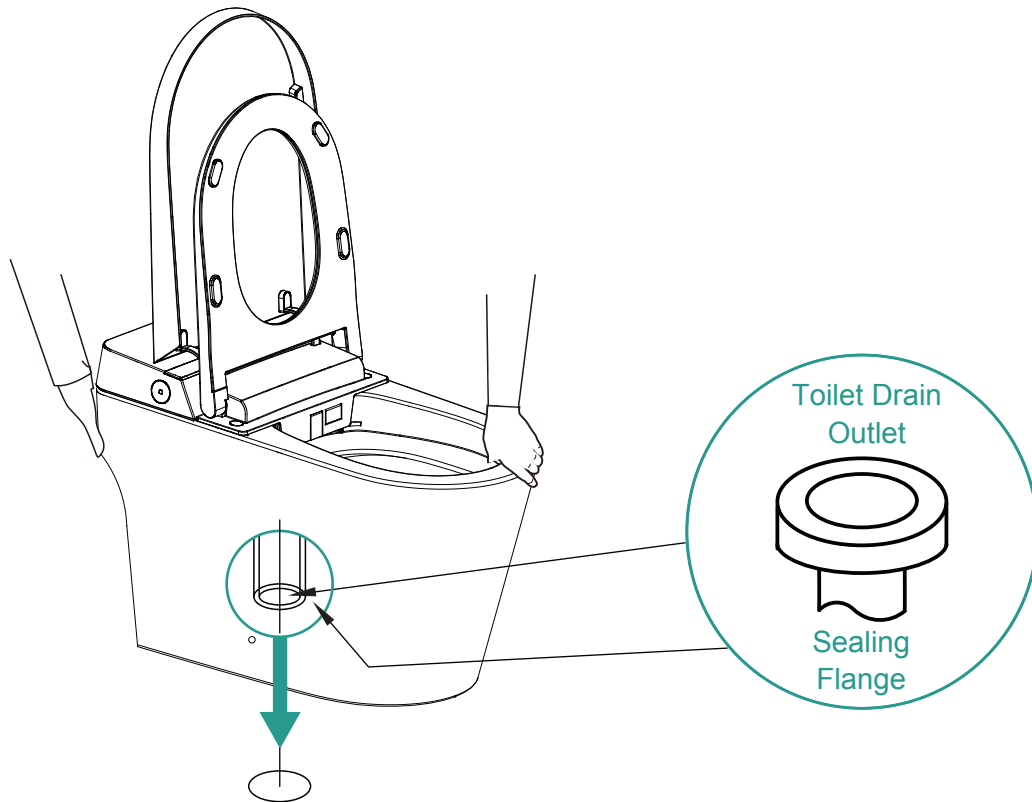
- Assemble the mounting bracket with bolts and then install them to the pre-installed flange plate on the ground and lock tight with nuts



TOILET INSTALLATION

6 - CERAMIC TOILET INSTALLATION

- Install a sealing flange into drain outlet
- Install ceramic toilet on the corresponding position

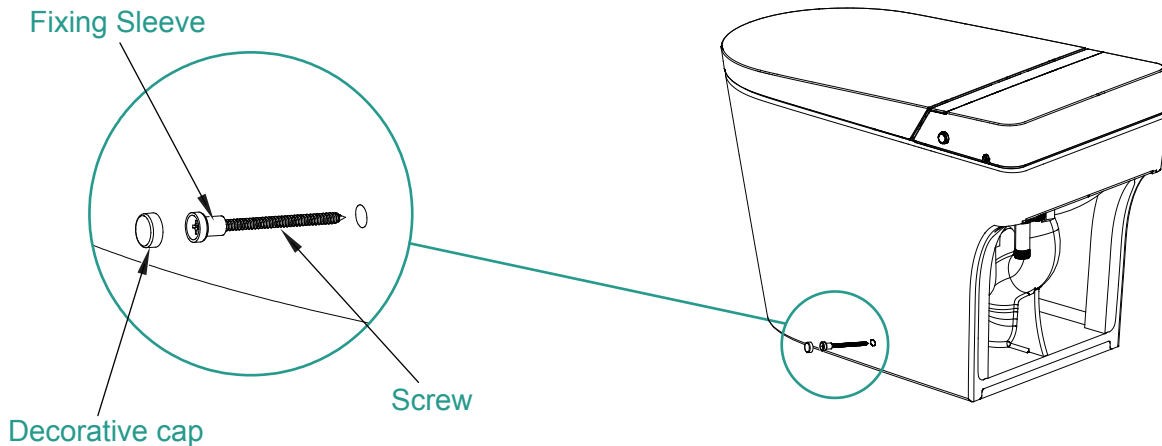


Note:

- Two people are required to carry the toilet
- Please clean-up the drain
- Make sure ceramic toilet outlet sits perfectly on drain outlet

7 - SCREW INSTALLATION

- Put the screw through the fixing sleeve and then install it through the holes (on both sides of the toilet) to the mounting bracket on the ground and lock tight
- Install ceramic toilet on the corresponding position



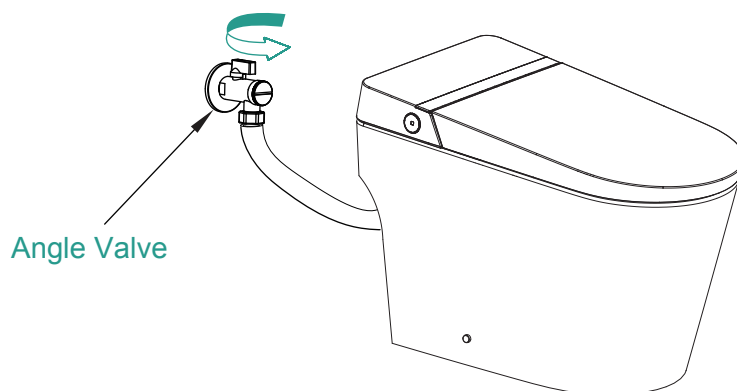
PREPARATION

1 - TURN ON THE ANGLE VALVE

- Check the threaded connection for leaks to ensure complete sealing. Turn the angle valve counterclockwise to the full open position

Note:

- The angle valve opens with a large torque for the first time

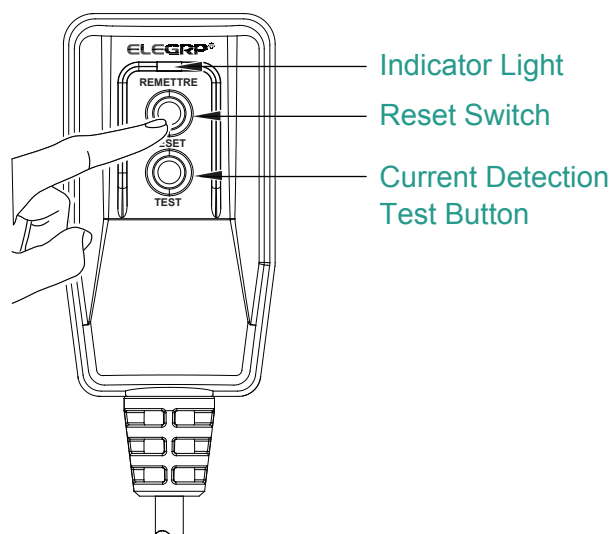


2 - POWER CONNECTION

- Insert the leakage protection plug into a power socket, press the reset switch, plug indicator lights up, indicating that the power is on

Note:

- Press the test button prior to usage, the reset switch pops up indicating that the leakage protection function is normal.
- Press the TEST button (then RESET button) every month to assure proper operation



3 - SELF-INSPECTION

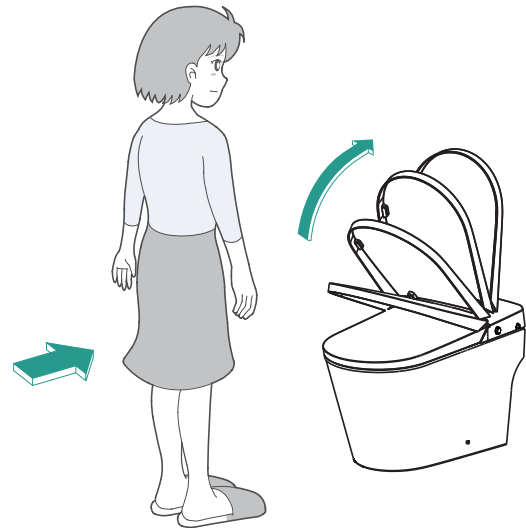
- Once power is connected, the buzzer beeps and the button lights up in white. All icons on the display light up, and the self-inspection starts
- The buzzer beeps again, then the self-inspection completes. The button lights up in white. Intelligent night light, water temperature and ECO icons go off and seat temperature icon lights up
- The product is ready to use

Note:

- The drawing is for reference only all rights reserved to modify product appearance

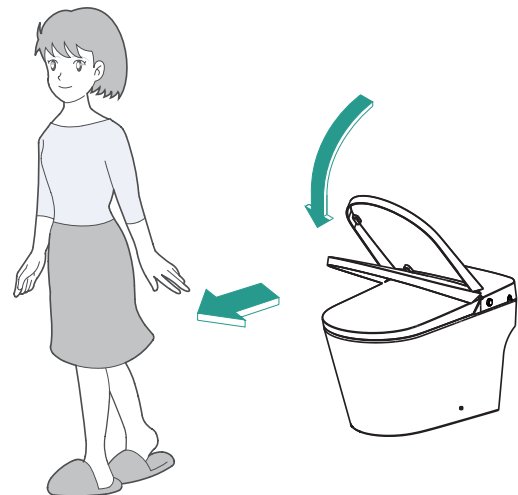
1 - APPROACHING THE TOILET

When user enters the sensing range, the seat-lid opens automatically.



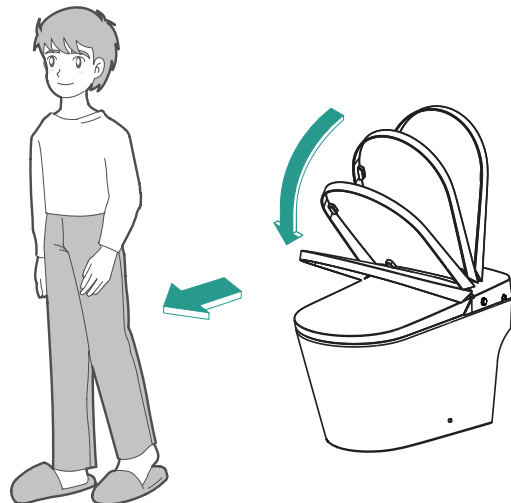
2 - LEAVING THE TOILET

The seat-lid closes automatically 3 minutes after user leaves.



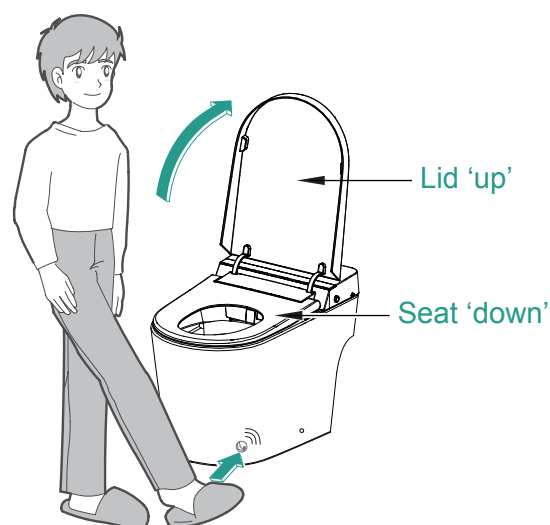
2 - STANDING UP USAGE

- Open the seat by remote control or hand
- The seat and lid close automatically 3 minutes after user leaves



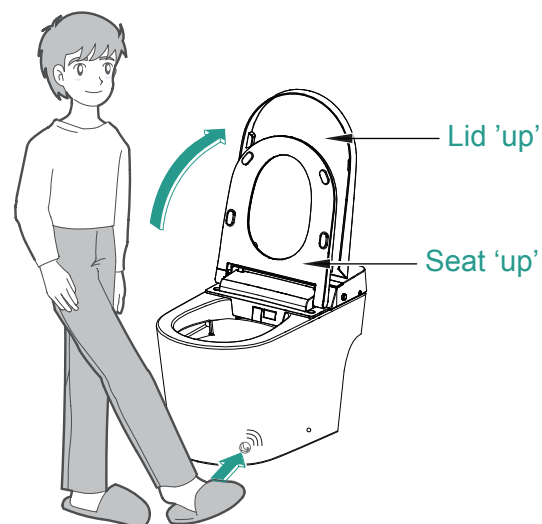
CLOSED TO OPEN LID POSITION

When both the lid and the seat are closed (or in the 'down' position), activating the sensor will open (or the 'up' position) **only** the lid. The seat remains in the down position.



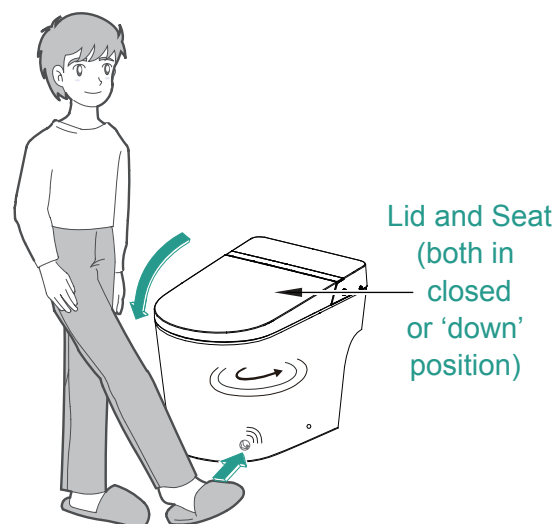
AUTOMATE SEAT TO THE 'UP' POSITION

When the lid is open ('up' position) with the seat in the closed ('down position) and you want the seat 'up' (from the 'down' position), activate the sensor for the seat to open once again.



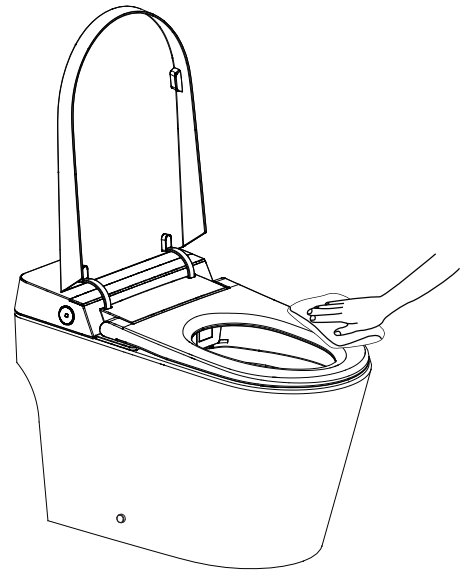
CLOSING SEAT AND LID

After usage with both seat and lid open (or 'up'), activating the sensor will close (or bring 'down') both the seat and lid as well as triggering a half flush.



MAIN UNIT

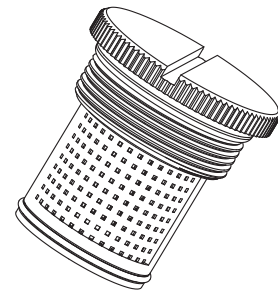
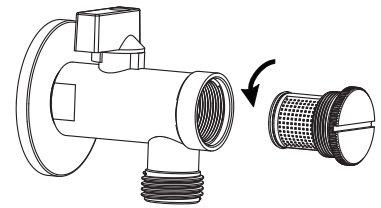
- 1 - Shut-off power supply before doing maintenance
- 2 - Use only a soft, damp cloth to clean and avoid using chemicals
- 3 - Once cleaning is completed and all surfaces are dry re-connect the power plug



FILTER MAINTENANCE

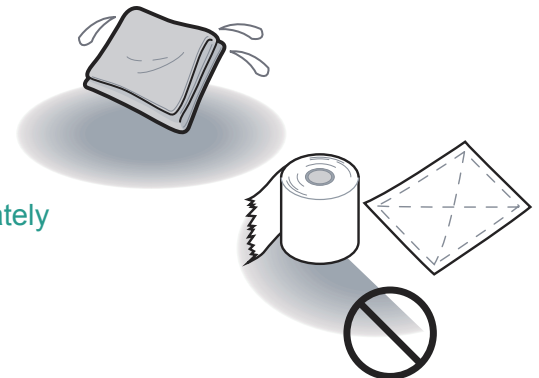
If poor spray performance occurs under normal conditions

- 1 - Turn-off power and the angle valve
- 2 - Unscrew angle valve nut
- 3 - Remove filter net
- 4 - Clean out the filter net under running water using a toothbrush
- 5 - Reinstall filter net and angle valve nut
- 6 - Turn-on the angle valve and connect the power



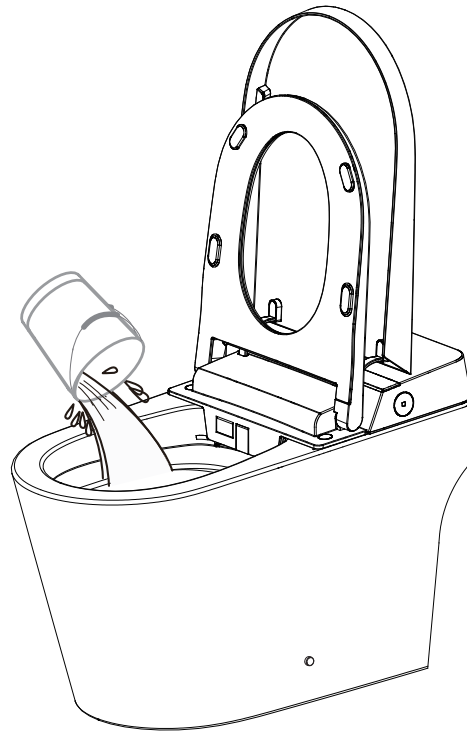
SPRAY NOZZLE MAINTENANCE CARE

- 1 - Nozzle self-cleaning
 - When no one is seated, short press “REAR/MOVE” button on the main unit, the nozzle will automatically stretch out to allow access for cleaning
- 2 - Spray nozzle disassembly
 - When the nozzle can be removed and cleaned separately
- 3 - Use only a soft cloth or soft brush to clean
 - To avoid damaging the nozzle, do not pull or push the wand
- 4 - Nozzle retraction
 - Put the nozzle back on and press “STOP” button to return the spray wand to its normal position



POWER AND WATER FAILURE

- Use approximately 2.1Gal. (8L) of water and flush the bowl

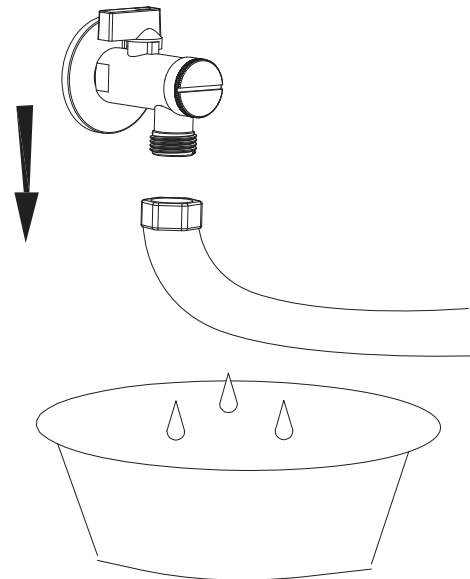


PRODUCT UNUSED FOR A PERIOD OF TIME

- When the product is left unused for a long time, especially in cold weather, it is highly recommended to drain the water to prevent freezing

TO DISCHARGE WATER

- 1 - Activate flushing, and then turn off angle valve to stop water supply
- 2 - Unplug and cut off the electricity
- 3 - Disconnect the hose from angle valve, drain the water and reconnect
- 3 - For your safety, it is recommended to put antifreeze into the remaining water in the bowl

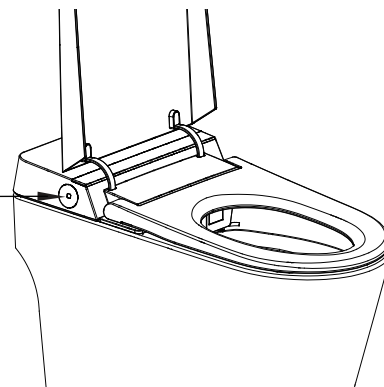


CUT POWER BEFORE DISCHARGING WATER

FAILURE OF REMOTE CONTROL

- 1 - Operate via buttons on the main unit

Button



- 2 - Battery replacement
 - Remove the remote control from holder
 - Open the battery cover and replace battery
 - Put the remote control back

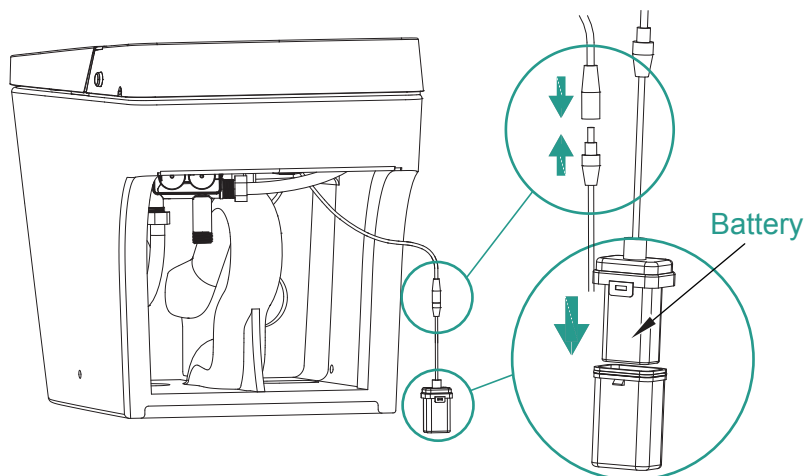
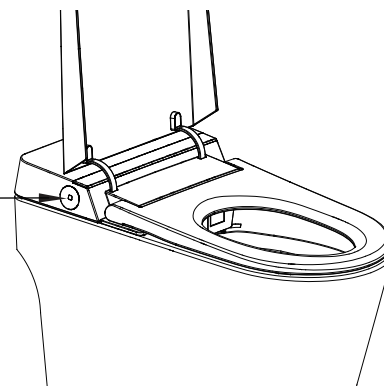
Note:

After battery replacement, the remote control settings will be restored to the defaults

POWER OFF FLUSH FUNCTION

- 1 - No power
 - Operate via button on the main unit
- 2 - Battery replacement
 - Unplug DC connector and remove the battery box
 - Install new battery
 - Reconnect battery box and put it back

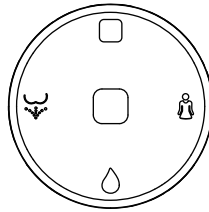
Button



Note:

- It is recommended to hire professional personnel for this operation
- It is recommended to use 9V high-quality dry battery, such as models 6LR61 or 6F22
- It is recommended to replace the battery every two years, otherwise there may be a risk of leakage.

THE BUTTON FUNCTIONS



 Stop	1. When no one is seated, press and hold Stop Button to enter shutdown mode (white light off), press Stop Button again to return to functional mode (white light always on). In shutdown mode, all functions and buttons (with the exception of the Stop Button) will not operate. 2. When seated, press Stop Button to stop front washing, rear washing or drying functions; When no one is seated, repeatedly press Stop Button, the main unit will switch between functional mode (white light always on) and energy saving mode (white light flashing).
 Rear washing/ Oscillating washing	1. When seated, press Rear Washing Button to start rear washing function and press again to shift to oscillating washing. Press Stop Button to stop rear washing immediately. After one cycle washing, drying function will be automatically turned on and stop after one cycle. 2. When no one is seated, press Rear Washing Button, the nozzle will stretch out to allow access for cleaning; Press Stop Button, the nozzle will retract.
 Front washing/ Oscillating washing	When seated, press Front Washing Button to start front washing function and press again to shift to oscillating washing. Press Stop Button to stop front washing immediately. After one cycle washing, drying function will be automatically turned on and stop after one cycle.
 Flushing	1. When seated, press and hold Flushing Button to start drying function. The drying will stop automatically after one cycle, while it will stop immediately if the user presses Stop Button. 2. When active, press Flushing Button to start flushing function. During rear washing or front washing, flushing function will not operate. During nozzle cleaning, only when spray wand is fully extended or retracted can flushing function be activated.

Note:

Default settings for all functions are intermediate when powering on. Use remote control to switch to the function level set before

LED DISPLAY DESCRIPTION



intelligent
night light



water temperature



temperature display



seat temperature



ECO energy saving

Description of LED display:

1. During self-inspection, icons of intelligent night light, water temperature, seat temperature and ECO light up, and the temperature is displayed at 88. After self-inspection, intelligent night light, water temperature and ECO icons go off and seat temperature icon lights up, showing current seat temperature. The temperature shows "--" at neutral level.
2. In non-energy-saving mode, seat temperature icon lights up, showing current seat temperature (temperature in neutral shows "--"). During water temperature adjustment, seat temperature icon goes off and water temperature icon lights up, showing current water temperature (temperature in neutral shows "--"). Water temperature icon goes off and seat temperature is displayed after 10 seconds.
3. During washing, seat temperature icon goes off and water temperature lights up, showing current water temperature (temperature in neutral shows "--").
4. Intelligent night light icon lights up when this function turned on, otherwise it goes off.
5. In energy saving mode, ECO icon lights up. Seat temperature in neutral shows "--", otherwise it shows Level 1.
6. LED display goes off completely when shutting down.
7. LED display goes off completely after 30 seconds once no longer being used. When seated or pressing any button, LED display is activated to show current status.
8. When user enters the sensing range, LED display lights up showing current status; Display goes off completely 30 seconds after user leaves. (Only for the toilet with lid auto open/close function.)

TROUBLESHOOTING GUIDE

Problem	Cause	Solution
No water from nozzle	Water supply hose is kinked	Straighten the hose to remove the kink
	Angle valve is off	Turn on the angle valve
	A water failure occurred	Restore the water supply
Poor water spraying	Water supply hose is kinked	Straighten the hose to remove the kink
	Angle valve is not fully turned on	Turn on the angle valve fully
	Filter is clogged	Clean the filter
Low water temperature	The water temperature is not set properly	Adjust the water temperature
Low seat temperature	The seat temperature is not set properly	Adjust the seat temperature
	In standby mode or energy saving mode	Switch to functional mode and wait for 3+ minutes
Low dryer temperature	The dryer temperature is not set properly	Adjust the dryer temperature
Dryer not blowing	In standby mode	Switch to functional mode to use dry function
Spray wand cannot retract	Power off	Push back the spray wand gently and put power on
	Stuck from build-up	Remove build-up
Spray wand cannot stretch out	Power off	Turn on the power
	User is not within the sensing area of the seat	Adjust position on seat to activate the sensor
Remote control cannot display	The positive and negative direction of the batteries is incorrect	Reload the batteries
	Low battery	Replace new batteries
Malfunction of deodorization	User is not within the sensing area of the seat	Adjust position on seat to activate the sensor
	Deodorization function continues after user leaves.	It is normal for the deodorizing function to continue operating after user leaves, for complete odor removal
Manual flushing cannot work during power failure (Suitable for fuction with power off flush)	No or low battery	Replace new batteries for power failure flushing
 CAUTION	If the problem cannot be resolved as per above solutions, please disconnect the power and contact service providers.	
	If the power leakage protection switch always trips, it means that the product is leaking. Please disconnect the power and contact service providers.	



