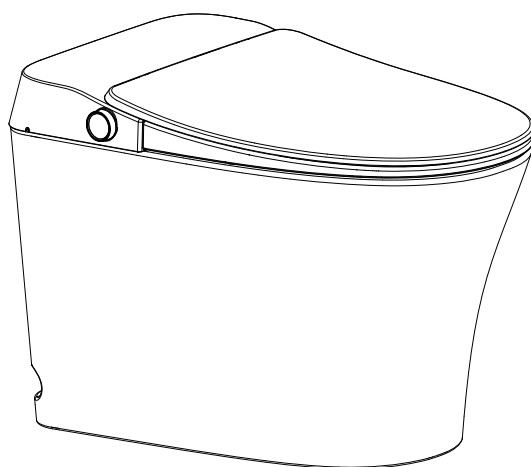


LAFEME

Instruction manual

NEOVANTA ST25-L

Floor Mounted Cisternless Smart Toilet



Scope of use



WARNING

Installation can only be conducted by an authorized licensed plumber in accordance with NCC Part Three (PCA) and utilizing appropriate high-hazard cross connection control.

The power supply circuit must be protected by a Residual Current Device (RCD).

The socket outlet must be installed in accordance with AS/NZS 3000.

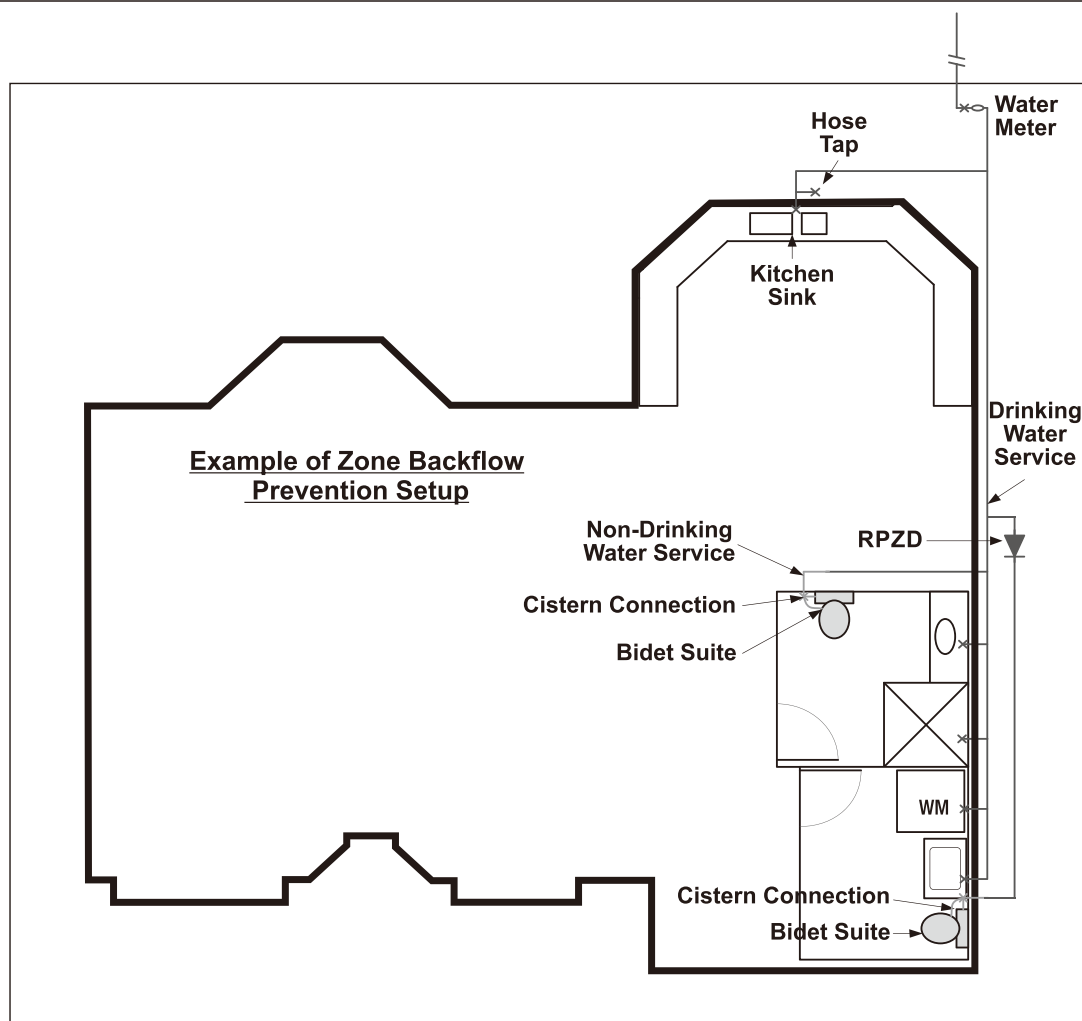


WARNING: The Reduced Pressure Zone Device (RPZD) with commissioning maintenance program is recommended to be externally installed. Installation can only be installed by licensed plumber subject to the requirements of the applicable regulatory authority, the National Construction Code Volume Three -Plumbing Code of Australia, associated reference standards as applicable at the time and WMTS-051, AS 1172.1, AS 1172.2 and AS/NZS 3500 series. Consult with a license plumber and local relevant authority for more technical specifications.

PLEASE ENSURE PIPEWORK IS FLUSHED CLEAR OF DEBRIS.

NOT SUITABLE TO BE INSTALLED WITH A GRAVITY FEED SYSTEM. Rainwater, demineralized water, sea water or grey water are not suitable to operate this equipment. Operate with normal drinking water only.

Specific application of bathroom safety should be suitable following local electrical codes. Prior to the installation, a suitable electrical connection with appropriate power socket, Residual Current Detector or isolated circuit breaker should be available. Contact us or qualified technicians for questions.



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Safety precautions

 Attention	It may cause minor injury or damage, be sure to always pay attention.
 Forbiddance	Do not operate forbidden content.
 Enforcement	Must comply with the enforcing content.
 Ground	Ground wire connection is correct, firing line, zero line, ground.

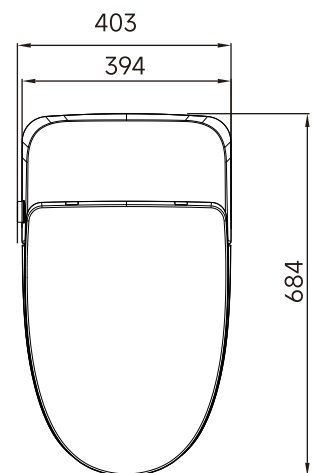
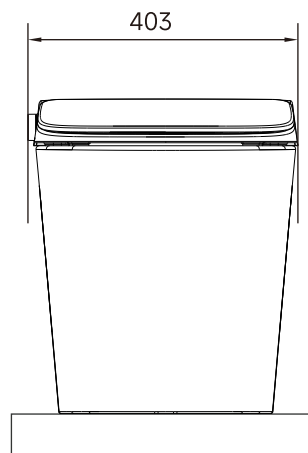
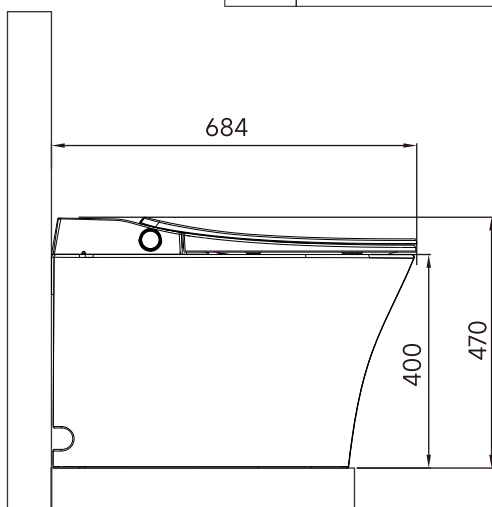
Warnings	
 Do not disassemble	It is absolutely forbidden to disassemble, repair and transform this product by yourself. It may cause fire, electric shock and other accidents and void warranty.
 No watering	Do not pour water or detergent on the power plug. It may cause fire, electric shock and other accidents.
 Forbiddance of fire	Do not bring lit cigarettes or burning embers close to the product. It may cause a fire.
 Forbiddance	Please do not continue to use the product when the product fails. Please contact the after-sales service staff for maintenance. When the following situation occurs, please remove the power plug and close the inlet angle valve. 1. Leakage from the inside of the product line; 2. The product is unusually hot; 3. The product makes an abnormal sound and smell; 4. The product is burnt. If the product is still used in the event of malfunction, it may cause problems such as fire, electric shock, water inflow in the room.
	Only tap water can be used. Otherwise may cause infectious dermatitis and other diseases.
	Do not use loose power outlet. It may cause a fire or electric shock.
	When the toilet is opening the seat or cover, the opposite force exerted by person or other external forces is prohibited.
	Please use the power outlet within the specified conditions (220-240V~, 10A, 50Hz socket). Only use 220-240V~ power supply. Using power beyond the socket regulations may cause the socket to heat up and cause a fire.
	Do not damage the power cord or seat wire. 1. Do not damage; 2. Do not force bending; 3. Do not pull; 4. Do not put heavy objects on the power cord and the seat lid connection, ignoring product damage and continuing to use may result in fire, electric shorts and other safety concerns.
 Enforcement	1. This product contains electrical components, do not put it in places where there is water or high humidity. When used in the bathroom, please install ventilation fan or ventilation port to keep the bathroom in good air circulation. Otherwise, it may cause a fire or electric shock. 2. If the power cord is damaged, do not disassemble it yourself, this must be replaced by the manufacturer, its service department or relative department.

 Grounding	Please check if grounding is done. A product that is not grounded may cause an electric shock in the event of a malfunction or leakage.
---	--

Attention	
 Forbiddance	Avoid sitting for extended periods, and set the seat to a lower temperature. The following personnel should set the seat temperature at low-grade when using the toilet. 1. Children and elderly people who cannot adjust the temperature to the right degree, 2. Patients, persons with disabilities and other people who can not move freely, 3. Lethargic persons, due to taking hypnotics (Such as sleeping pills, cold medicine, etc.) deep drinking and over fatigue.
	Do not forcibly stretch the connecting pipe of the water supply pipe. Otherwise it may cause water leakage.
	Do not apply force to the seat cover or forcibly press the control panel. Otherwise it may result in malfunction or breakage. Forced pressure may cause seat cover and control panel damage, resulting in personal injury.
	Do not place containers containing liquid such as vials, cups, cosmetics, pharmaceuticals, etc. or small metal objects on top of the product. Inadvertent entry into the product may result in fire or electric shock.
	Do not place the product in direct sunlight, otherwise the appearance of products may deform.
	People with disabilities (including children) need to use this toilet under supervision, do not let children play with this toilet.
	Do not use force on ceramic top, to prevent damages that result in leakage.
	Do not use in an environment below 0°C.
 Enforcement	When installing the inlet angle valve, tighten firmly. Otherwise it will lead to water leakage.
	Prevent damage caused by freezing. Freezing can cause damage to the water hose and product interiors and cause water leakage.
	When traveling for long periods of time or when not in use, unplug the power plug from the outlet.
	Unplug the power plug when lightning occurs.
	This product is only for bathrooms, and should not be used for any purposes other than the ones described in this manual. Failure to comply may cause fire, electric shock, personal injury or malfunction.
	Do not allow urine and other contaminants to touch the smart toilet exterior. This may cause odor or cause malfunction.
	Do not forcibly close the seat and seat cover. It is necessary to avoid the collision of the seat lid and the seat cover to avoid malfunction.
	For external maintenance, unplug the power plug from the socket to avoid injury.

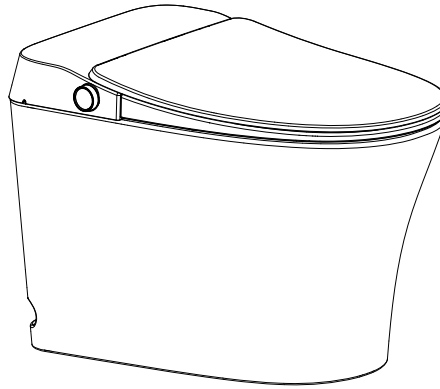
Specifications

Rated voltage			220-240V~		
Rated frequency			50Hz		
Rated power			1300W (15°C±1°C inlet water temperature)		
Water flow			≥20L/min		
Water supply mode			Directly connected to the channel		
Ambient temperature			About 3°C to 40°C		
Water supply temperature			About 3°C to 35°C		
Water pressure range			0.15MPa - 0.75MPa		
Safety devices			Electrical leakage protector, seated sensor, water over-pressure protection device		
Decontaminating apparatus	Heating method		Instant heating		
	Warm water temperature		Four Levels (Room temperature to 40°C)		
	Spray volume	Rear wash	About 0.5 to 0.8L/min		
		Feminine wash	About 0.5 to 0.8L/min		
	Warm water heater		1600W		
Safety features		Temperature sensor, temperature fuse, temperature jumper, flowmeter			
Drying device	Air speed		> 4m/s		
	Air temperature		Four Levels (Room temperature to 50°C)		
	Drying heater		200W		
	Safety devices		Double-sheet-metal switch, temperature fuse, temperature sensor		
Deodorizing device	Deodorant		Activated carbon		
	Power consumption		1.5W		
Thermal seat	Seat temperature		Four Levels (Room temperature to 40°C)		
	Seat heater		45W		
	Safety devices		Temperature sensor, temperature fuse		
	Switch structure		Damping slowdown		



Supplied parts list

MAIN APPLIANCE



REMOTE CONTROL



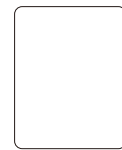
REMOTE CONTROL
HOLDER



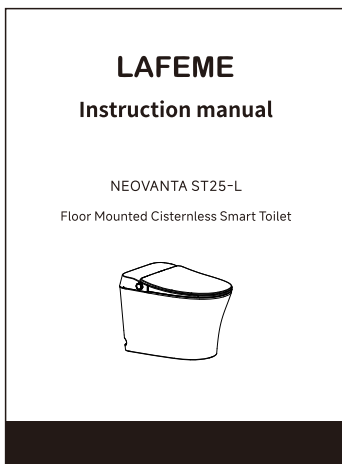
REMOTE EXPANSION
SCREW GROUP
(EACH 2PCS)



DOUBLE-FACED
ADHESIVE TAPE



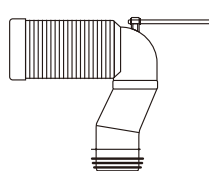
INSTRUCTION MANUAL



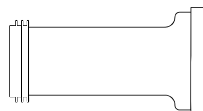
Water Flow Restrictor*1



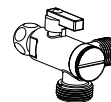
DRAIN PIPE
PWG002
(1PC, INCLUDED)



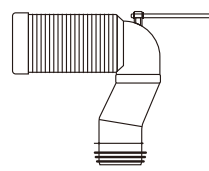
DRAIN PIPE
(1PC,SOLD SEPARATELY)



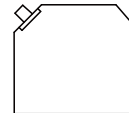
Angle Valve*1



DRAIN PIPE
PWG003
(1PC, SOLD SEPARATELY)



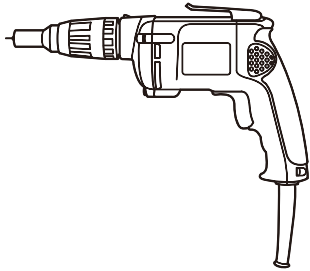
5L Water Flow Test Bag*1



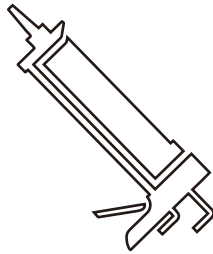
AAA BATTERY
(2 PCS, NOT INCLUDED)



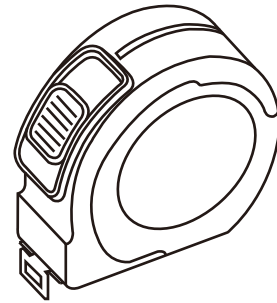
Installation Tools



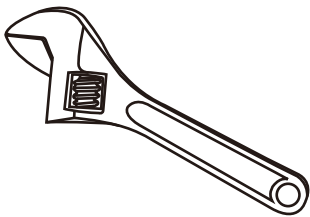
Percussion Drill



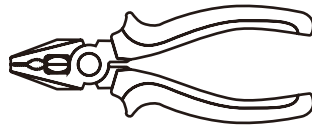
Caulk Gun



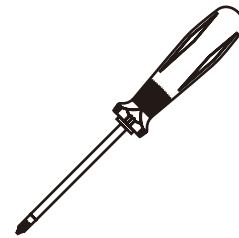
Tape measure



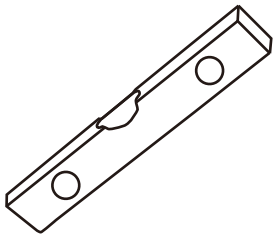
Adjustable Wrench



Pliers



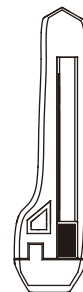
Screwdriver



Spirit Level



Steel saw



Utility Knife



Allen Key



pencil

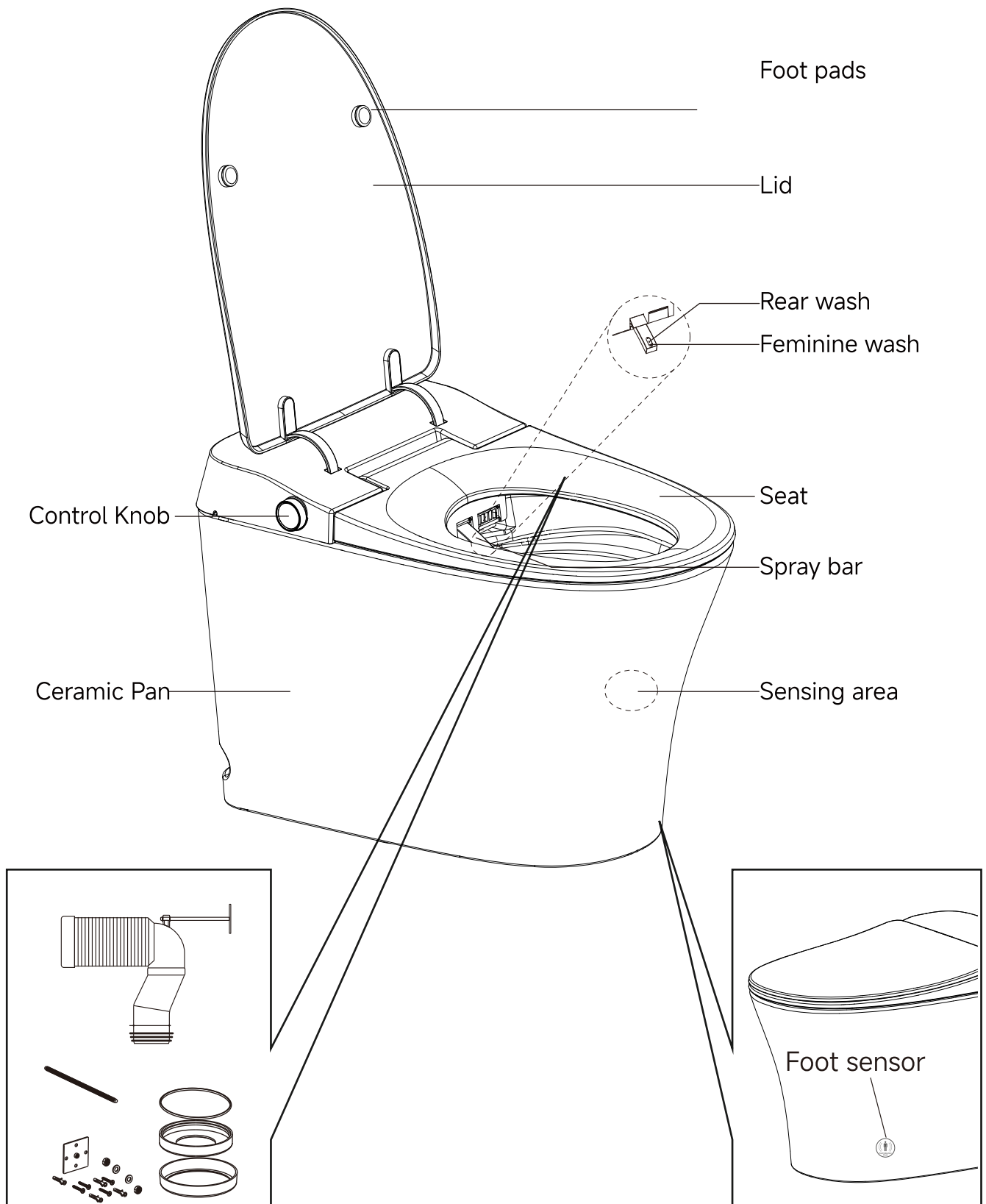


file



Ruler

Part names



Product installation

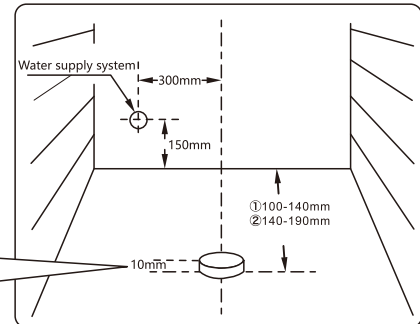
Precautions before installation

1. Installation space

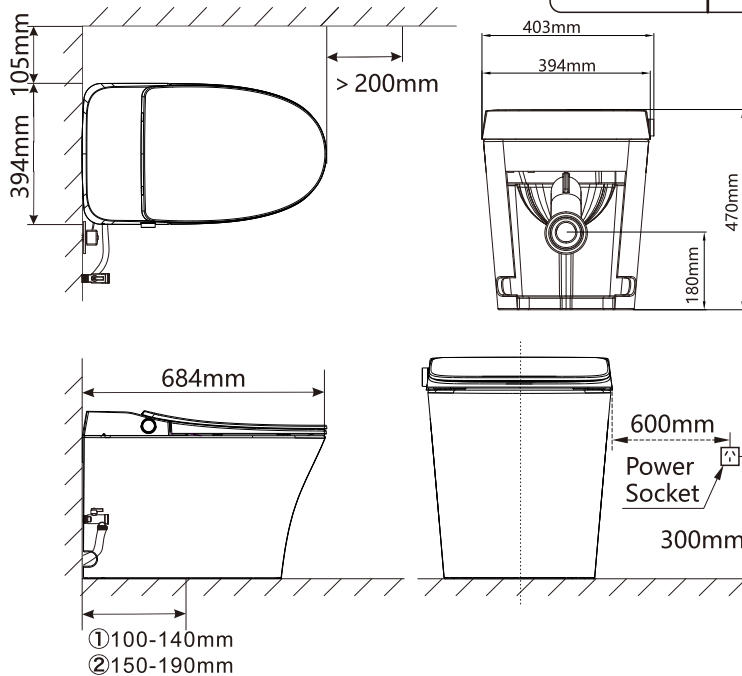
While ensuring the space required for installation, please confirm whether the door opening affects the installation of the product.

-The distance between the water supply pipe and the ground should be more than 150mm.

Please confirm water supply position and the position of PVC pipe before installation.



2. Drawing for installation

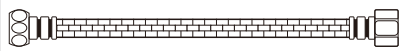


Water supply valve

Water filter

Water feed hose

Note: There is no matching check valve

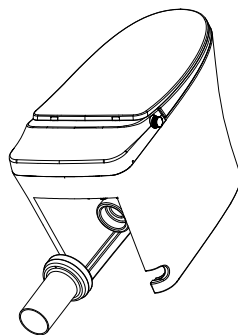


Metal braided tube

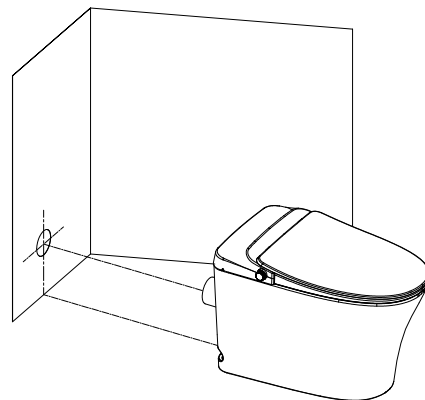
Product installation methods

Install the shifters and toilets

Method 1 : P-trap



1. As shown in the figure, align the P pipe with the ceramic sewage outlet, and install it.



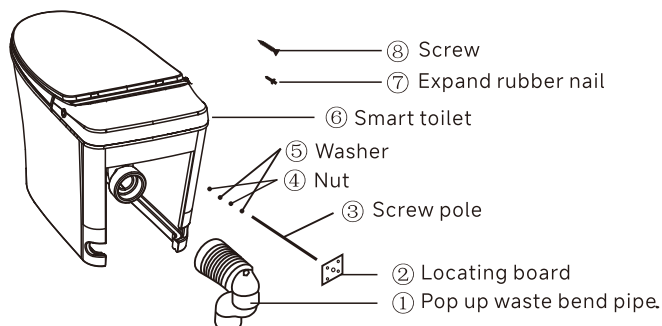
2. Align the pipe centre of the P-pipe with the drain opening in the wall, then push the toilet back to the wall, make the toilet flat against the wall, and fix it with glass glue on the edge of the toilet.

Method 2 : S-trap

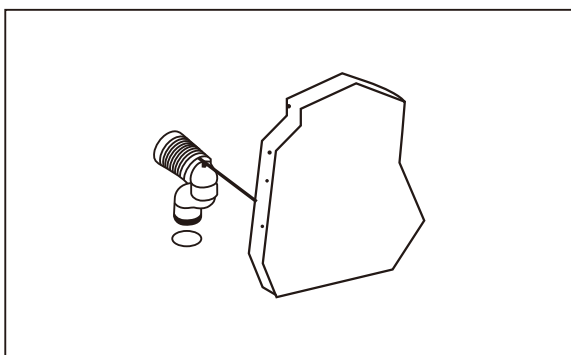
The installation manual for Pop-up waste bend pipe

Note: this installation instruction is made for the final user.
In order to use the product well, please install it correctly.

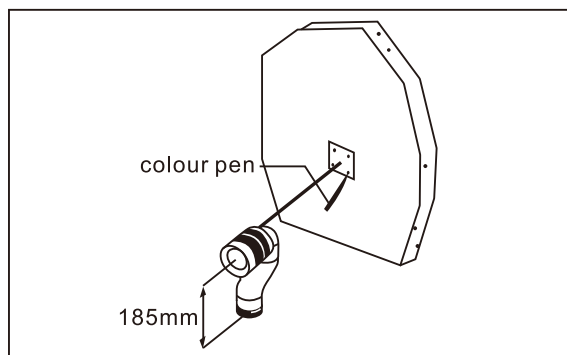
Block diagram



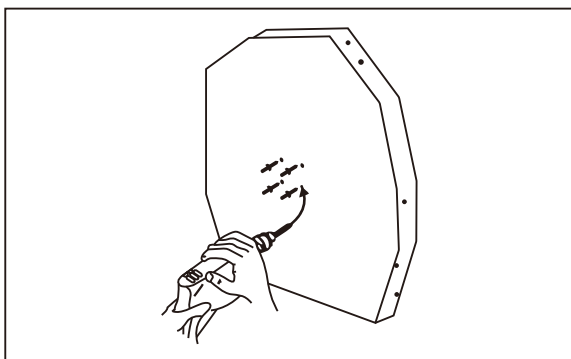
Step of Installation



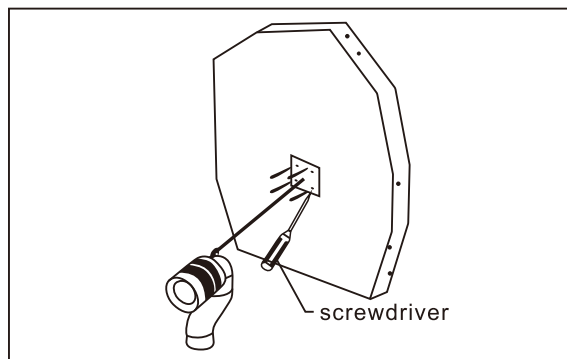
1. As the picture: Set the pop-up waste bend pipe ① on the excluding entrance, and finish the installation of the Screw pole ③, Locating board ②. We suggest to saw the screw pole about 130mm shorter in order to ensure the dimension (kindly please measure on the spot practically).



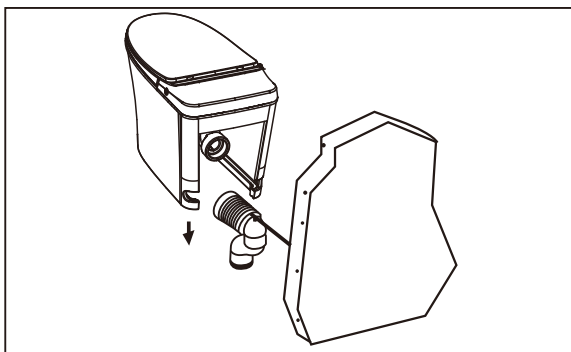
2. Attention: the distance between the center of the pop-up waste bend pipe ① and the floor should be 185mm, and find out the position on the wall with colour pen.



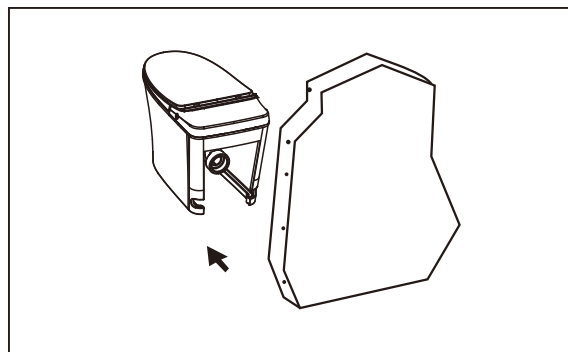
3. As the picture: Drill a hole for diameter ④, 30mm deep on the mark with the impact drill. Finally install the expand rubber nail ⑦.



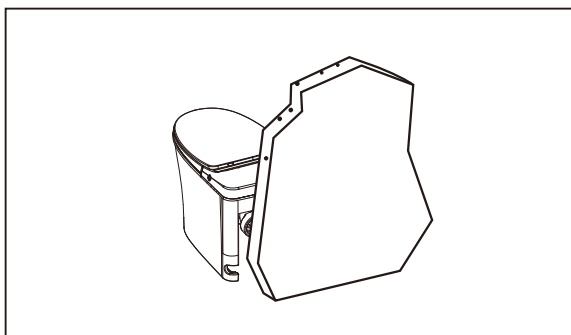
4. As the picture: Install the screw ⑧ together with the locating board ② on the expand rubber nail ⑦, and tighten the screw ⑧ with the screwdriver.



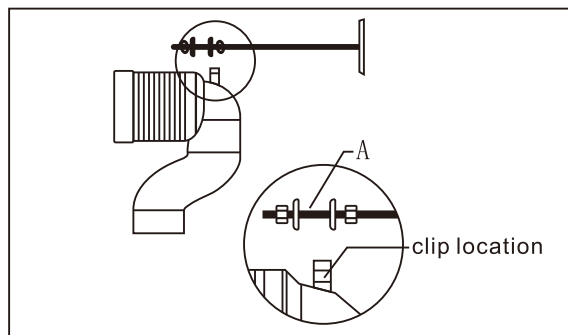
5. Lightly set the Smart toilet ⑥ with the pop-up waste bend pipe ① from up to down, and put it down slowly.



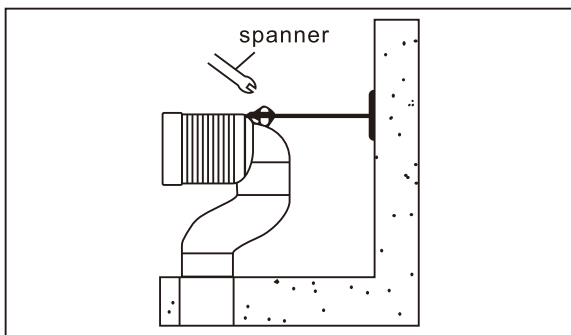
6. As the picture: Move the smart toilet forward ⑥, make room between the back of the Smart toilet and wall for the installation of the Screw pole ③.



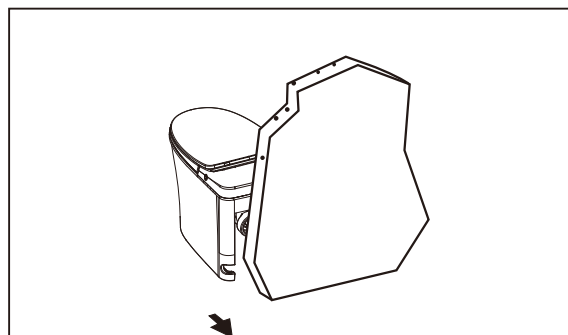
7. Install the screw pole ③ according to the picture ⑧.



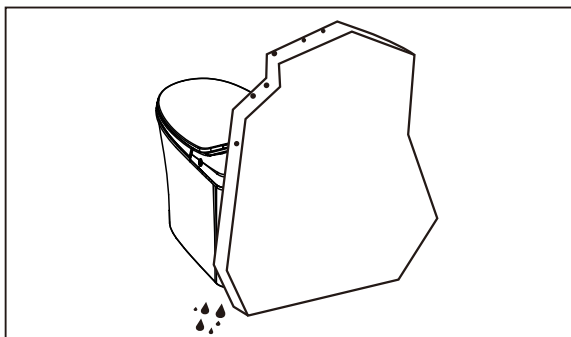
8. Put the A into the proper clip location as pictured, and loosen the two nuts ④, finally complete the connection between the screw pole ③ and the locating board ② in vertical way.



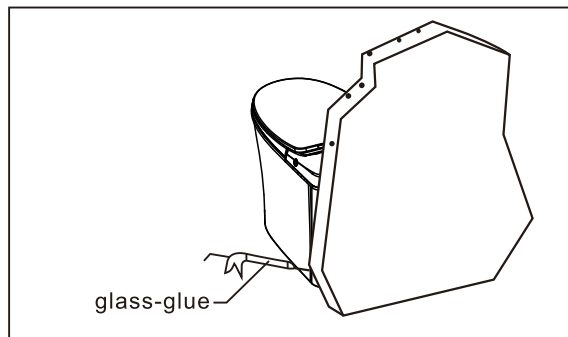
9. In order to fix the pop-up waste bend pipe ①, please tighten the screw ⑧ with the spanner and then connect the inlet pipe.



10. Move the Smart toilet to the wall slowly as pictured in order to make it close to the pop-up waste bend pipe ①. Check for leakage.



11. As pictured, test-water after completing the installation to check whether water leaks out from the bottom of the Smart toilet or not.

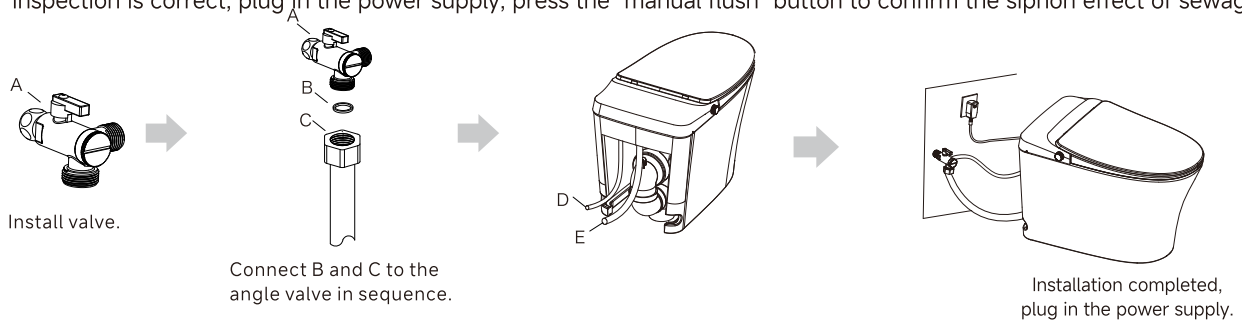


12. Finally, attach the bottom of the Smart toilet to the floor with glass-glue.

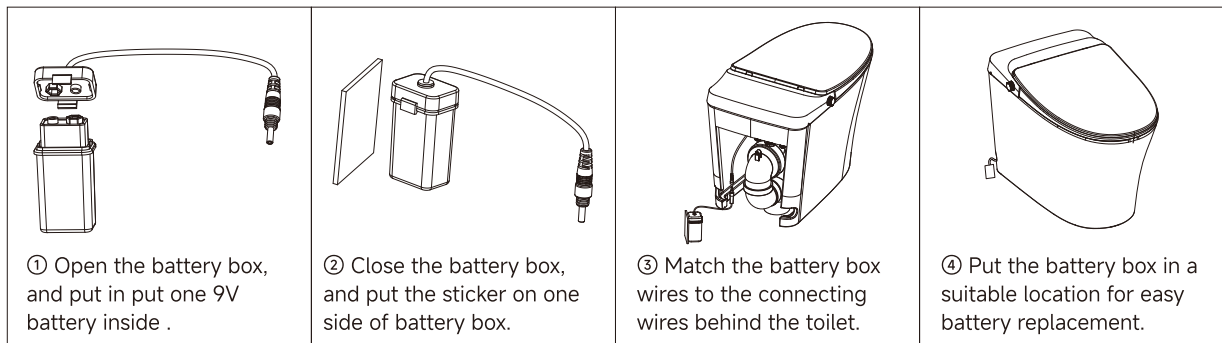
1. Connect the water supply pipe

**⚠ Before installing the valve, please drain all the impurities and sewage in the pipes.
(Discharge the water for 1 to 2 minutes)**

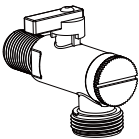
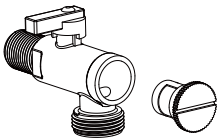
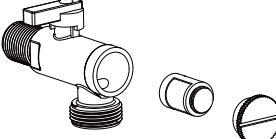
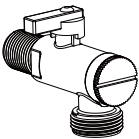
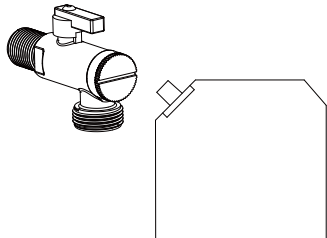
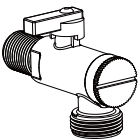
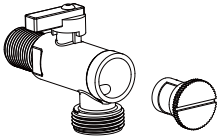
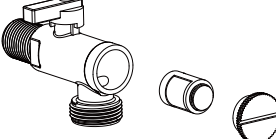
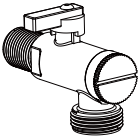
① When the water supply valve is closed, remove the old angle valve and replace it with the new angle valve (included). Please use the supply hose included. Do not reuse the old one. ② Connect the supply line with inlet valve. ③ After the Smart toilet is installed, open and check for leakages to detect no leakage at A, B, C, D and E. ④ Once the inspection is correct, plug in the power supply, press the "manual flush" button to confirm the siphon effect of sewage.



2. Battery Installation



DO NOT UNPACK THIS UNIT OR DISCARD PACKAGING UNTIL YOU PERFORM THIS STEP!

 1. Install provided shut off valve, close angle valve.	 2. Unscrew the front cap.	 3. Remove the mesh filter.	 4. Install the cap back.
		5. Turn on the angle valve switch. Fill the provided test bag from the installed valve. The bag must fill 5L within 13 seconds to ensure the water volume is sufficient to operate the toilet and to clear the water line of any debris before installing the unit. If the bag doesn't fill completely, there's not enough volume for the toilet to function properly. If volume is low, check for any debris in the valve. If the valve is clear, please consult a plumbing professional for possible solutions.	
 6. Close angle valve.	 7. Unscrew the front cap again.	 8. Install the mesh filter back.	 9. Install the cap and tighten.

Product cleaning and maintenance methods

Warning: waterproof toilet cleaning precautions

- Do not clean the product with your hands in case of damage or failure.
- Do not use hydrochloric acid detergent, thinner, bleach, benzene or strong detergent to clean the surface of the toilet. Do not allow pesticides, air fresheners and deodorants to stick to the toilet bowl.

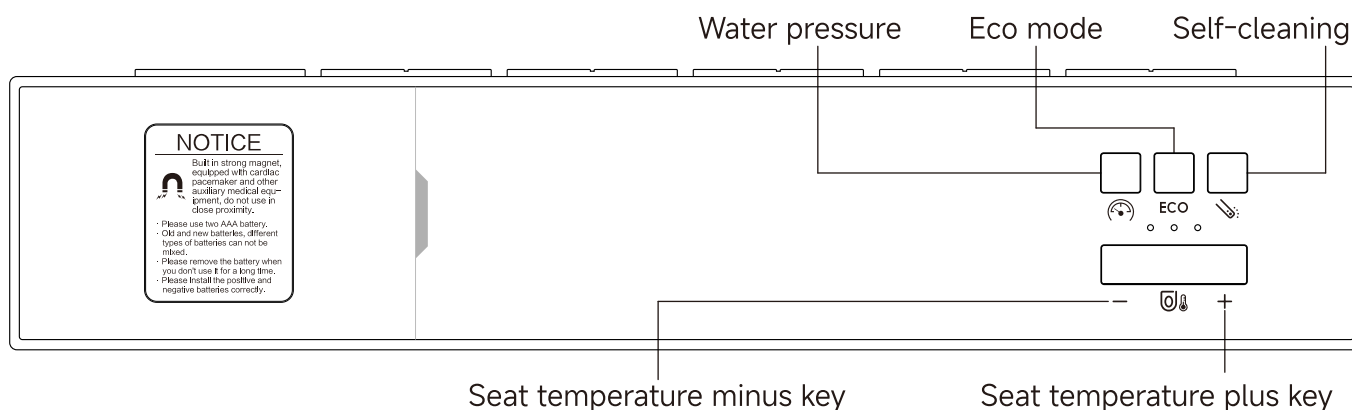
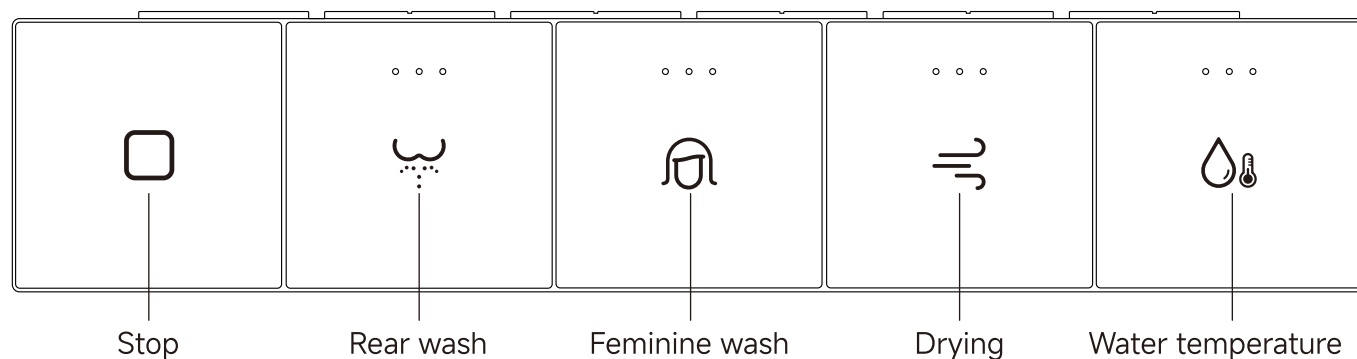
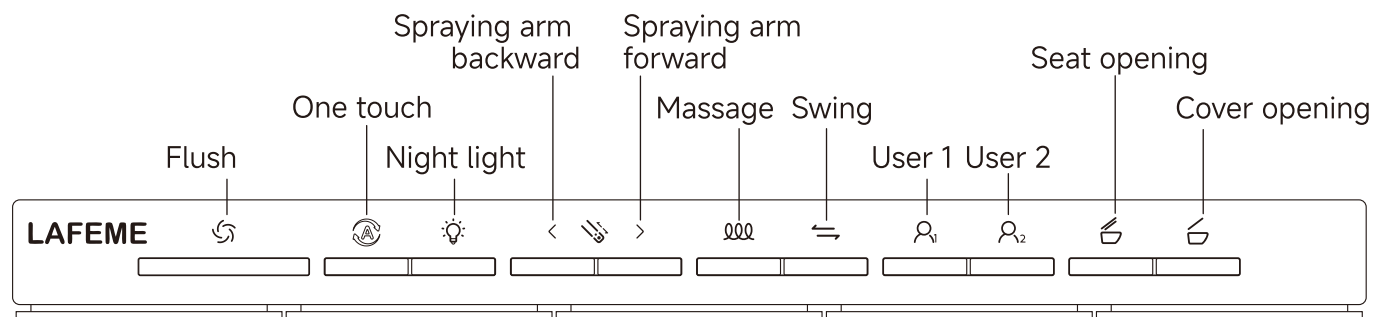
- **The body discoloration, cracking and damage caused by the use of the above-mentioned cleaning products will not be covered under warranty.**

1. Nozzle cleaning

- ① On the Smart toilet power on mode, do not sit on the seat.
- ② Press "Self-cleaning", entering the manual cleaning nozzle mode. (Can not activate "Self-cleaning" mode when seated) There are manual clean, and auto self clean two clean method, press Self-cleaning button to switch.
- ③ Please use soft brush or soft cloth when cleaning.
- ④ After the cleaning is completed, press the stop button or in the seating state, the cleaning tube is automatically retracted.

- **Warning: do not force out or push into the cleaning tube during cleaning, or it may lead to Smart toilet failure.**

Remote Instruction Guide



Remote pairing steps:

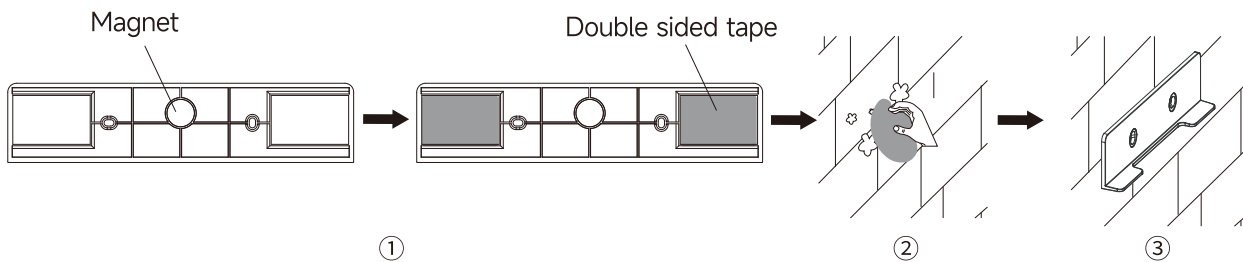
1. Power off the toilet by unplugging the power plug.
2. Press and hold remote STOP + WATER TEMPERATURE simultaneously for 3 seconds until the 3 LED lights are flashing.
3. Power on the toilet by put the power plug back , Press the function buttons on the remote to test if it's paired.

Instructions for remote control Installation

Method 1:

- ① Put the double sided tape on the remote control fixed seat.
- ② Clean dust, grease, water droplets on the walls.
- ③ Press the remote control mounting bracket to adhere with double sided tape on it. Press it evenly for 3 to 5 minutes.

Note: The method is applicable to glazed tiles, glass and smooth wall.

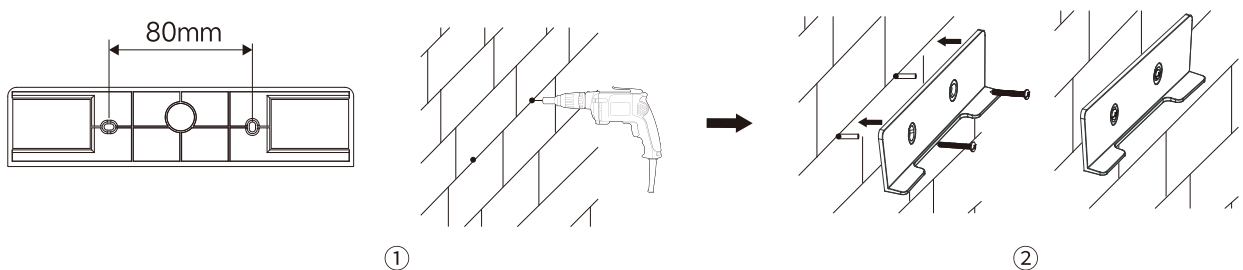


Method 2:

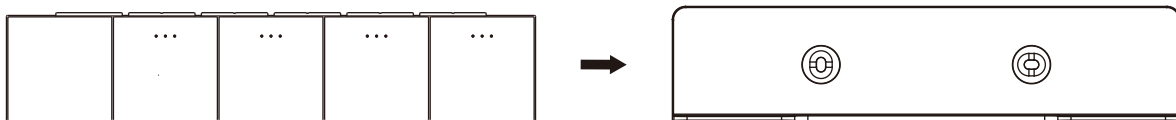
- ① Drill two holes on the wall with a distance of 80mm and a depth of 22 mm by the drill with the diameter of 4.5 mm.

Note: the position of the hole shall be satisfied for user to get the remote control conveniently when sitting on the seat.

- ② After installing, the expansion plug in the wall shall align the fixing hole of the remote control and then lock the bolt.



Put the remote control on the mounting bracket after installing the battery.



NOTE:

- ※ Please place the remote control on the fixed bracket if not in use. (To avoid the remote control falling)
- ※ Damage may occur if dropped.
- ※ Do not spill water on the remote control or drop into the water, or it may cause damage.

Instructions



Rear Wash

Press to start Rear wash.

During washing mode , press again to start motion wash.

Press STOP + Rear wash and hold for 3 seconds , turn on/ off auto flush . (reminder sound : 1 DING means turn off , 2 DING sounds means turn on)



Feminine Wash

Press : start feminine wash.

Press and hold STOP + Feminine wash for 3 seconds to turn on/off Pre wet function (reminder sound : 1 DING means turn off , 2 DING sounds means turn on)



Stop

Press to stop washing or drying function.

In off seat state , press and hold for 3 seconds to enter / exit standby mode . (reminder sound : 1 DING means turn off , 2 DING sounds means turn on)



Drying

Press to start drying function , press again to adjust drying temperature.

Press and hold STOP + DRYING button for 3 seconds to turn on / off deodorization function . (reminder sound : 1 DING means turn off , 2 DING sounds means turn on)



Water temperature

Press to adjust water temperature cyclically.

Press and hold STOP + Water temperature for 3 seconds to turn on/off remote beep sound . (reminder: night light flashing once means turn off , night light flashing twice means turn on)



Flush

Press to proceed full flush.

Press and hold for 3 seconds to proceed eco flush.



One touch

Press to proceed Rear wash + flush + drying automatically.



Night light

Press to turn on /off Night light .



Press to adjust spraying arm backward/ forward.



Massage

In the state of rear wash or feminine wash, press the "Massage" button on the remote control for the first time to start intermittent micro-bubble massage cleaning; and press the "Massage" button again to start continuous micro-bubble massage cleaning; and finally press the "Massage Cleaning" button to close the micro-bubble massage cleaning.



Swing

In the state of rear wash or feminine wash, press the "Swing" button on the remote control to adjust the nozzle position.



User 1 , User 2

Press to start User 1 / User 2 saved configuration.



Press and hold for 3 seconds to define the user memory. (2 DING sound means it's saved)

Set user mode (Rear wash, feminine wash)/air temperature/seat temperature/water temperature/water pressure/Nozzle position(The values saved for air temperature/seat temperature/water temperature/water pressure/Nozzle position are the last current values on the remote control)

Cleaning process: 60 seconds cleaning+240 seconds drying.



Seat opening

Press to open /close the seat

Press STOP + Seat opening and hold for 3 seconds , to enter the mode to adjust seat/lid auto open strength . Then press Nozzle position <  > to adjust seat opening strength;

Press Seat temperature plus or minus -  + to adjust cover open strength.



Cover opening

Press to open /close the cover.

Press STOP + Cover flipping and hold for 3 seconds to turn on / off microwave induction (sensing open function).



Press to adjust water pressure.

ECO Press to enter / exit ECO mode . (2 DING sound means turn on , 1 DING sound means turn off)



Self - cleaning

Press to start nozzle self cleaning , Please refer more details on page 11 for more on Nozzle cleaning function.



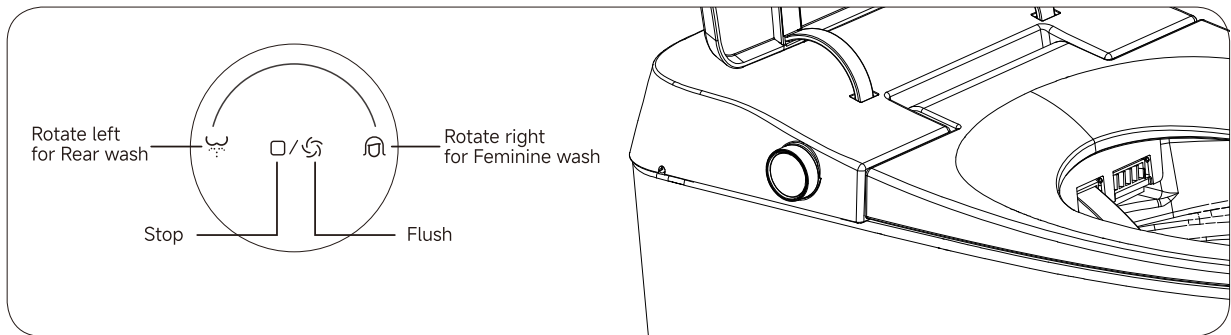
Seat temperature

Press Seat temperature minus key to reduce seat temperature.

Press STOP + Seat temp minus and hold for 3 seconds to turn on/ off foot sensing function. (2 DING sound means turn on , 1 DING sound means turn off)

Press Seat temperature plus to increase the seat temperature.

Description of Knob Function



Description of Other Functions

Standby Mode :

While off the seat, press and hold the remote control STOP button for 3s or more to enter standby mode. In standby mode, press the STOP button to exit standby mode.

Manual Flush:

Press the button on knob to flush when power off.

Microwave Induction:

When leaving the seat: ① If the cover is closed, when there is no object entering microwave induction region after holding for 15 seconds. If there is any object enters the microwave induction region, it will automatically flip the cover. ② When leaving the seat, if there is no object entering microwave induction region after holding for 3 minutes. It will automatically close the cover. If the seat is opening, it will close the seat and cover. Foot Induction Flush
When leaving the seat, trigger the foot feeling signal for the first time, it will automatically flip the seat; trigger the second time, then will flush 1 time automatically. When seating, the smart toilet will not flush automatically.

Auto flush:

After the user leaves the seat, it will automatically flush once.

If there is no one seated, autoclose will close lid if left open for more than 10S.

Trouble Shooting

Problem	Cause	Solution
No response when press the button of posterior cleaning & feminine cleaning & drying	No water outflow from nozzle or the water yield is very low.	Please press the stop button and wait for the water supply to reactivate.
		Please open the water-inflow valve if it is closed.
	The continuous use more than one hour will activate safety sensor	For safety cutoff, please stand up and sit down again.
	The sensor is not sensing that someone is seated	Please sit down in a correct position.
Self cleaning mode in the nozzle	The nozzle will stretch out to proceed self-cleaning after pressing the button of posterior cleaning or feminine cleaning.	This is normal operation, and just need to wait for several seconds.
The nozzle stops cleaning suddenly	If the user moves too fast or leaves the seat, the seat sensor cannot detect person in a short time.	Sit back on the seat sensor detection position, then start the relevant function.
Low water pressure when posterior cleaning or feminine cleaning	The water-inflow hose may be leaking	Call the installer to check the hose and tighten it.
Deodorization continues to work after user leaves	The Deodorization will be continue to work for 20 seconds in order to remove the residual odor after the user leaves.	This is normal operation for safety purpose.

Trouble shooting and alarm maintenance

Problem		Cause	Solution
Functions do not work at all.		The seat sensing area uses cloth cover, mat and other items.	Please remove the cloth cover, mat and other items.
		Power is cut.	Please wait for power recovery.
		Socket is loose or poor contact.	Plug in, ensure good power supply.
		Whether the power reset button is pressed.	Please press the power button on the toilet.
Flushing	Water doesn't come out.	No water.	Please wait for the water supply to resume.
		Water inlet valve is clogged with dirt.	Open the inlet valve.
		Filter is clogged with dirt.	Please change or clean the filter.
		Whether the water supply tube is bent and clogged.	Eliminate the water supply pipe bending.
	Flushing power is not strong enough.	Water pressure is set at low-grade.	Please adjust the water potential power by "button description" on the remote control.
		Filter is clogged with dirt.	Please change or clean the filter.
		Clean the nozzle to see if there is any blockage.	Please clean the nozzle.
	Water temperature is not high enough.	Whether the water temperature is set at low or normal temperature.	Please reset the water temperature by "button description" on the remote control.
	No water supply when flushing.	Press the "Rear Wash" or "Front Wash" key for about 60s, the machine will automatically stop.	Please click "Rear Wash" or "Front Wash" key again.
	Toilet Seat	Thermal seat's heating strength is set in the low or off state.	Please reset the seat temperature by "button description" on the remote control.
		The toilet is set in the energy-saving state.	Please exit energy-saving state.
		Whether the power outage.	Please wait for power recovery.

※WARM PROMPT

If you are in trouble with your smart toilet, please read the above trouble shooting and repair the product according to the instruction of the solution. If the problem is not in the common troubleshooting, please contact the professionals, dealers, or call the national unified service hotline to ask for help.

Please note that there will not be any notification if any changes to this product and also accessories. There may be difference between contents and material objects, please subject to the latter one.

Maintenance Service Form

Appendix 1:

Product model		Invoice number	
Retailer Name		Purchase Date	
State		Dealer (signature):	
Repair content			
Maintain regulation: - Maintenance is provided when you use it properly in accordance with instructions and under warranty. - Please contact the dealer or the company if the fault occurs under warranty. - Although during the warranty period, the following situations need to be repaired for extra charge: - Faults or damages caused by the improper operation, repair or installation. - Faults or damages caused by forced movement after the product is installed. - Faults or damages caused by natural disasters (earthquakes, fires, floods, lightning strikes and other natural disasters) or corrosive liquids or abnormal voltage. - Faults or damages caused by other approaches which are not for domestic use. - Fail to provide the maintenance-service sheet or proof of purchase. - This maintenance-service sheet is unrepeatable, please take care of it.			

Cut-line

Appendix 2:

Client	Name			
	Address			
Product model			Manufacture	LAFEME
Retailer Name			Purchase date	
Executive standard			Warranty period	Within two years from the purchase date

Maintenance record



Cut-line