JOMOO



ZD7140-SA-IDO305 (305 Rough-in)

INSTALLATION AND INSTRUCTION MANUAL

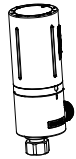
Installation instructions for skilled craftsmen only!

After installation, please hand over the installation and instruction manual to the end customer.
Be sure to read the Instruction Manual before using your product and keep it properly for future reference.

1.Bill Of Material



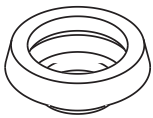
Smart toilet



Filter



Instruction manual
(including a guarantee card)



Toilet sealing ring



Remote controller&Batteries



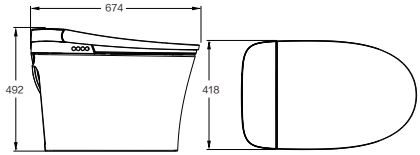
Filter angle valve switch

* The pictures in this Manual are for reference only and shall be subject to the actual product

2.Technical Specifications

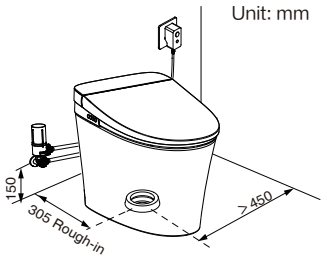
Wash function	Auto wash	●	Cleaning function	Self-cleaning nozzle	●
	Rear wash/Wide oscillate wash spray	●		Detachable nozzle	●
	Front wash/Pulsate massage spray	●		Anti-bacterial nozzle	●
	Air-mixed Wash	● (Default)	Flush	Auto flush after use	●
	Water pressure adjustmengt	5 levels		Flush the toilet using the remote control	●
	Nozzle position adjustment	5 levels		Pre-use bowl mist	●
	Water temperature adjustment	5 levels		Battery-operated backup flush	●
	Range of water temperature	Normal temperature~41 ℃		Auto flush	●
	Power of heater	1000W	Other	Filter	●
Seat	Seat and lid opening/closing	Soft-close		Night light/Energy saving	●
	Sensor toilet seat	●	Rated power supply	220V~/50Hz	
	Heated seat	●	Rated power	755W	
	Seat temperature adjustment	5 levels	Maximum input power	1080W	
	Range of seat temperature	Normal temperature~41 ℃	Operating ambient	0 ℃~40 ℃	
	Power of heater	50W	Water supply pressure	Dynamic 0.085MPa~Static 0.75MPa	
Fresh air	Warm air	●	Water supply temperature	3 ℃~35 ℃	
	Air temperature adjustment	3 levels	Waterproof grade	IPX4	
	Range of air temperature	Normal temperature~60 ℃	Product size	(674×418×492)mm	
	Maximum air speed	≥4m/s	**Note:** The above technical specifications and parameters are based on the laboratory testing of the product accordingto the executive standards.		
	Power of heater	250W			
Rated power	This product is to activate the rear wash function at an ambient temperature of 23 ℃± 2 ℃, inlet static pressure of 0.2MPa ± 0.02MPa, and inlet temperature of 15 ℃± 0.5 ℃, and then sequentially adjust the flow rate to the maximum. The seat temperature and water temperature are set to the highest level, and then press the Stop button. Immediately conduct a power test, turn on Rear Wash, and synchronously record the average power of one continuous and stable wash cycle.				
Maximum power	This product is to activate the rear wash function at an ambient temperature of 23 ℃± 2 ℃, inlet static pressure of 0.2MPa ± 0.02MPa, and inlet temperature of 5 ℃± 0.5 ℃, and then sequentially adjust the flow rate to the maximum. The seat temperature and water temperature are set to the highest level, and then press the Stop button. Immediately conduct a power test, turn on Rear Wash, and synchronously record the average power of one continuous and stable wash cycle.				

3.Technical drawings/Power and water supply connection recommendation



Note:
In the same room where this product is installed, a water stop valve needs to be installed within easy reach for emergency situations, in which case the water circuit of this product can be cut off without the use of tools. Otherwise, unexpected failures of this product may result in user losses.
The power socket can be installed on both the left and right sides.

Unit: mm



4.Safety Precautions

To avoid personal injury and property damage to users and others, read the following safety precautions carefully and strictly follow them. After reading, keep this manual in a prominent position for proper storage.

DANGER

- Do not touch the power plug with wet hands, otherwise electric shock may occur.
- Do not place the powered product on its side or invert it, otherwise fire or burn may occur.
- Do not disassemble, repair or modify the product without permission, otherwise fire or electric shock may occur.
- Do not throw lit cigarettes and other combustibles into the toilet lid, otherwise a fire may occur.
- Do not use this product when the seat or upper lid is not fully opened or closed.
- Do not use extension cord or loose and unstable power socket, otherwise fire or electric shock may occur.
- Keep your fingers or other objects away from the heating air outlet, otherwise burns, electric shock, or burning (when applicable) may occur.
- Do not pour water, detergent, urine or other liquids onto the body or power plug, otherwise a fire or electric shock may occur.

WARNING

- Unplug the power plug in the case of a thunder strike.
- Do not place the product in water or in a location that is prone to falling into the water.
- Do not operate the products that have fallen into or been submerged in water, and it is required to immediately unplug the power plug.
- It is recommended to use waterproof sockets and install them in a location that is not easily exposed to water. The plugs should be positioned on the wall pursuant to the technical drawings and suggestions for power and water supply connections.
- Do not connect the inlet pipe to the outlet pipe of water heater. Ensure that the inlet temperature is between 3℃ and 35℃.
- Keep the product away from direct sunlight to avoid discoloration or temperature instability that may cause burns.
- Do not use industrial water, wastewater, seawater, reclaimed water or other sources of water, as this may cause skin inflammation and other diseases.
- Do not clean this product using lacquer thinner, gasoline, liquid medicine, detergent, insecticide and bristle brush. Toilet cleaner is only used for ceramic body.
- Do not use this product in rooms with a humidity exceeding 90% RH. The service place needs to be dry and wet separated by installing a shower room or shower curtains.
- Before installing products in the newly renovated house, discharge the sewage inside the pipeline, as residual mud, sand, etc. in the pipeline can easily damage the machine and affect human health.
- To avoid damaging the product, do not exert strong force or impact on the product, nor stand on the seat or toilet cover, or place heavy objects on the product, or press or lean against the toilet lid with force.
- Do not flush any easily clogged items into the toilet, such as newsprint, paper diapers, or women's sanitary napkins.

CAUTION

- Children are not allowed to play with this product.
- Do not supply water or power to the product until the installation is completed.
- When the product is not in use for a long time, unplug and drain the water from the filter and product.
- During installation, use the accompanying new hose components instead of the old ones.
- Unplug the power plug and close the water supply valve while installing, disassembling, repairing, and maintaining the product.
- The grounding wire of this product must comply with the specified construction method, and the three-pole · grounding structure must be reliably grounded, otherwise the product must not be used.
- Individuals (including children) with physical, sensory, intellectual disabilities, or a lack of experience and common sense are not allowed to use this product until a guardian is present.
- AC 220V/50Hz is supplied for this product. To ensure safe use, the socket and its wires must be able to withstand a current of more than 10A.
- To avoid any environmental damage, the scrapped equipment should be handed over to a qualified professional recycling company or institution for disposal, and must not be discarded at will.
- To avoid danger, the damaged power cords must be replaced by the manufacturer's maintenance department or similar professionals.
- To prevent damage caused by freezing, implement insulation measures and when the room temperature is below 0℃, it is recommended to drain the water inside the product to prevent internal freezing and cracking.
- The plug should be installed in place and the inserting piece should not be exposed to air.
- The products should be installed and used away from heat and ignition sources.
- To ensure the correct installation of the toilet, clean the wastes in the drainage and sewage outlets. We will not be responsible for any cracks caused by the expansion of toilet base embedded in cementitious material (cementmortar).
- As long as the battery has a low capacity, contact the manufacturer or professional maintenance personnel for replacement (if applicable).
- To replace the activated carbon catalyst, contact the manufacturer or professional maintenance personnel for replacement (if applicable).

5.Installation tool

Tools to be prepared


Marker pen


Tape


Adjustable wrench


Silica gel

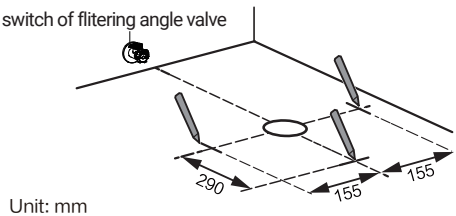

Electric drill (including 4.5mm drill bit)


Phillips screwdriver


Cup

6.Installation Steps

6.1Install the filtering angle valve

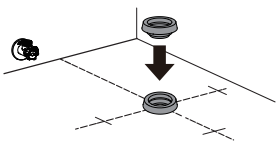


Unit: mm

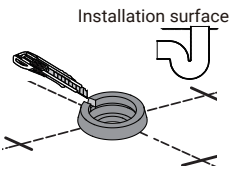
Mark the centerline of the drainage outlet on the ground, and install a angle valve switch of filter at a suitable position on the wall according to the size of the toilet.

Tips:
The old corner valve installed on the wall needs to be replaced by professional personnel to avoid the inability to install the corner valve due to improper disassembly.

6.2Install the toilet sealing ring

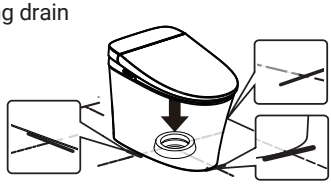


Garbage and other dirt should be cleaned before putting on the toilet sealing ring.



Tips:
If the drainage pipe has a trap, make a incision at the back of the sealing ring (15mm wide x 15mm deep).

6.3Docking drain



Align the outer contour of the toilet with the marking line and press down hard until the product is flush with the installation surface.

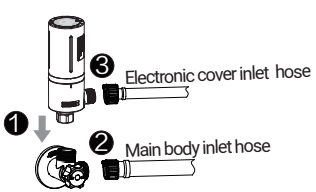


※Due to the heavy product, two people are recommended to hold the ceramic toilet.

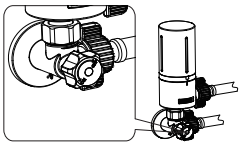
6.4 Follow the installation sequence shown

Follow the installation sequence shown①→②→③
Keep the large end facing the filter.

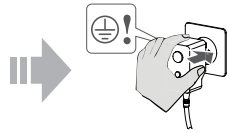
1.Be sure to use the parts in the kit for installation;
2.After installation, turn on the Angle valve and check whether there will be water leakage;



6.5Connect the water and electricity

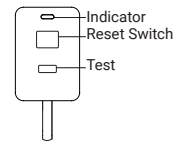


Adjust the Angle valve to make the product work under the appropriate amount of water.



6.6Electric leakage protection test

1. Under normal conditions, press “Reset” on the power plug with the plug indicator light illuminated, and the product will start to power on.
2. Normal working state: Under rated voltage conditions, the product starts normal working after the water and electricity supply are self-inspected.
3. Press “Test” and when the current protection is normal, the indicator light will turn off and the power supply will be stopped.
4. Press “Reset” on the power plug again, the indicator light will illuminate, and the power supply will resume.



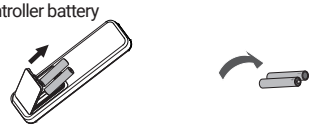
Remarks: Product illustration shown is representative only; actual products may vary

Warning

1. Check for any current leakage when the power switch cannot work properly.
2. The leakage protection plug only protects the products that are connected to the power supply through this plug. This product cannot provide leakage protection for other products when other electrical devices are used; similarly, it cannot replace other basic safety measures for electrical appliances.
3. Do not directly ground the live wire to test the leakage protection of the product plug.

6.7Battery installation and remote controller pairing

Install remote controller battery



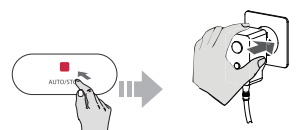
Tips: Pay attention to the positive and negative battery terminals when installing



Waste batteries need to be sorted into the trash

Remote controller pairing code

Under the state of product power off, long press the remote control “AUTO/STOP” button until 1, 3, 5 LED flashing, start the remote control pairing function, then release the remote control stop button, plug in the power supply. If the pairing is successful, the remote control 5 LED long light 3 seconds off; if the pairing fails, 1, 3, 5 LED flashing 30 seconds after the automatic stop; if you want to exit the pairing can be pressed stop button to exit.

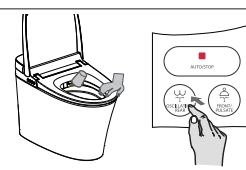


Switch on power supply

6.8Function test

Electronic seat cover test

1. Keep pressing the sensing position of the seat with your hand and press the rear wash/wide oscillate wash button of the remote controller;
2. Extend the spray rod and spray water from the nozzle (catching water to prevent splashing with a water cup);
3. Keep the hands away from the seat sensing position or press Stop button on the remote controller to retract the spray rod.



Flush function test

1.Press the Flush button
2.Enable Flush function

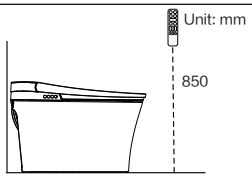




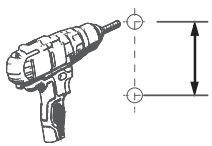
6.9Remote controller installation

Recommended installation position

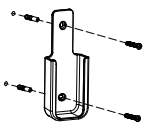
1. The installation position can be adjusted according to the user's comfortable position
2. The wall should be smooth and smooth, such as ceramic tile and glass wall;
3. Do not install it in the water environment such as near the shower or faucet.



Installation method 1:



Drill two holes with a diameter of 4.5mm on the wall according to the position of the long hole on the remote controller base.

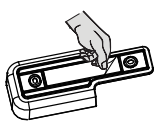


Secure the remote controller base with expansion screws.

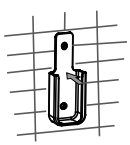
Installation method 2:



Clean the wall



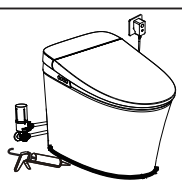
Remove the double-sided tape protective layer on the back of the remote controller bracket.



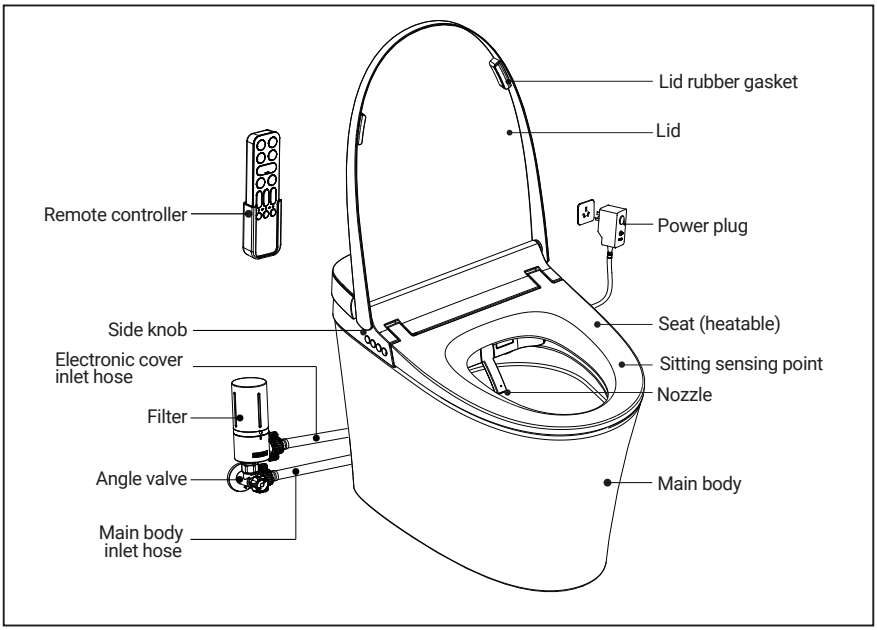
Press the double-sided tape tightly on the wall for a moment to ensure the fit.

6.10Ceramic body coated with glass glue

After the product function test is normal and the installation environment is cleaned, use a glue gun to apply glass glue on the outside of the ceramic rim gap for sealing.



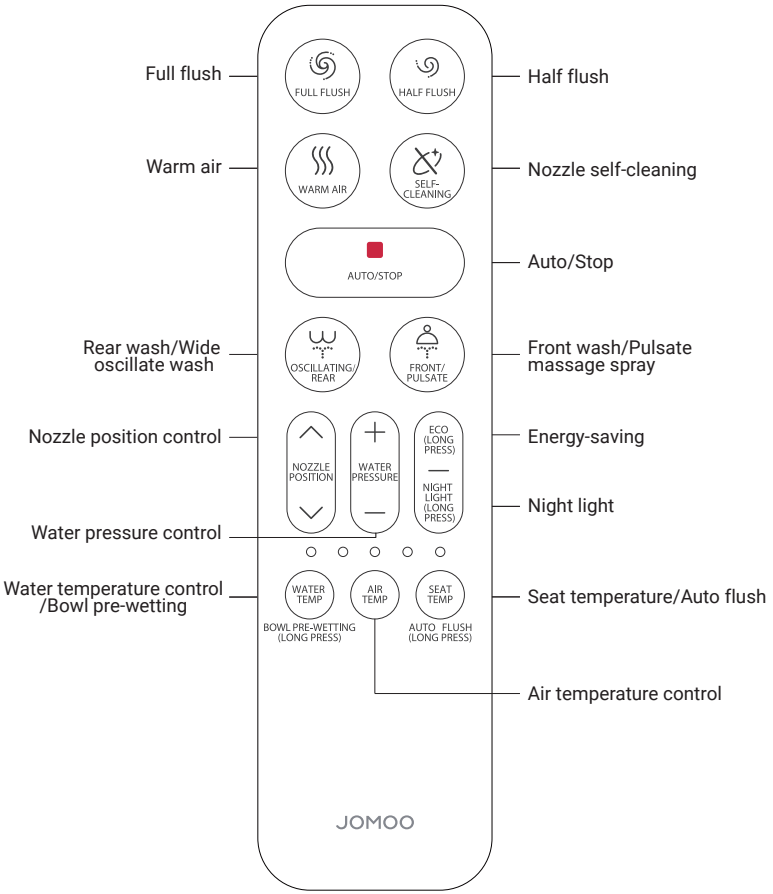
7.Names of parts



8.Side knob operation guide

Meaning of side knob / Electronic seat cover test	Icons on side knob:
	Warm air: After setting on the seat, you can press this button to enable the warm air function, or press button " " to disable the function. The function will be disabled automatically after about 5 minutes of warm air blowing or upon your leaving from the seat.
	Front wash/Pulsate massage spray: After sitting on the seat, you can press this button for front wash, or press it again for pulsate massage spray. The product will stop automatically after wash for about 3 minutes or upon your leaving from the seat. To stop the wash halfway, press button " ".
	Rear wash/Wide oscillate wash: After sitting on the seat, you can press this button for rear wash, or press it again for wide oscillate wash. The product will stop automatically after wash for about 3 minutes or upon your leaving from the seat. To stop the wash halfway, press button " ".
	Auto/Stop: After sitting on the seat, you can press this button to enable automatic rear wash or exit the current function, or long press it for automatic front wash. Flush: When unseated, pressing this button will activate the flushing function. During power outage, holding down this button will activate the non-electric flushing function.

9.Directions for use of the remote controller



● Rear wash/Front wash/Wide oscillate wash/Pulsate massage spray

After sitting on the seat, you can press button " OSCILLATING/ REAR " or " FRONT/ PULSATE " for rear wash or front wash, or press it again for wide oscillate wash or pulsate massage spray. The product will stop automatically after wash for about 3 minutes or upon your leaving from the seat. To stop the wash halfway, press button " AUTO/STOP ".

Rear wash/Front wash: The nozzle stretches out and executes fixed-position wash, wide oscillate wash or pulsate massage spray, and fixed-position wash in sequence.

Wide oscillate wash/pulsate massage spray: When the nozzle is moving, press button " 

" or " 

" to increase or decrease its moving range.

● Water temperature control

Each time button " 

" is pressed, the water temperature will change by one level. There are five levels in all. Circular switching among them is supported. After each pressing, the indicator of the corresponding level will be lit.

● Water pressure control (in the wash mode)

Button " 

" can be pressed to increase water pressure by one level, and button " 

" can be pressed to decrease the water pressure by one level. There are five levels in all.

● Nozzle self-cleaning

After button " 

" is pressed while no one is setting on the seat, the nozzle will stretch out after self-cleaning (it can be cleaned manually after that). After button " 

" is pressed, the nozzle self-cleaning will stop.

● Auto mode

When you are sitting on the seat and no function is enabled, you can press button " 

" to enter the auto mode in which rear wash, wide oscillate wash, rear wash, warm air blowing, stop, and auto flush after use are executed in sequence.If button " 

" is pressed in the auto mode, the product will stop.

● Seat temperature control

Each time button " 

" is pressed, the seat temperature will change by one level. There are five levels in all. Circular switching among them is supported. After each pressing, the indicator of the corresponding level will be lit.

● Scald prevention

After someone has sat for about 180s, the control system will begin to reduce the seat temperature automatically to avoid scalding.

● Warm air/Air temperature control

After setting on the seat, you can press button " 

" to enable the warm air function, or press button " 

" to disable the function. The function will be disabled automatically after about 5 minutes of warm air blowing or upon your leaving from the seat. Each time button " 

" is pressed during warm air blowing, the warm air temperature will change by one level. There are three levels in all. Circular switching among them is supported. After each pressing, the indicator of the corresponding level will be lit.

● Energy-saving mode

Button " 

" can be long pressed to enable or disable the energy-saving mode.

● Nozzle position control (in the wash mode)

Button " 

" can be pressed to make the nozzle move forward by one level, and button " 

" can be pressed to make the nozzle move backward by one level. There are five levels in all.

● Night light

Button " 

" can be long pressed to enable or disable the night light. The night light will flash when the battery level is low in use of battery-operated backup flush in the case of power outage.

● Bowl pre-wetting

Button " WATER TEMP " can be long pressed to enable or disable Bowl pre-wetting function.

● Flush

Button " FULL FLUSH " can be pressed for a full flush, button " HALF FLUSH " can be pressed for an half flush, or button " SEAT TEMP " can be long pressed to enable or disable the auto flush function, with the corresponding indicator lit or out. If auto flush is enabled, the product will execute auto flush after use.

● Tip

Upon sitting by a user after it has not been used for more than 72h, the product will enable self-cleaning and automatic water change. After using the product powered on again after a long-time out-of-use condition, button " SELF-CLEANING " can be pressed for self-cleaning and automatic water change.

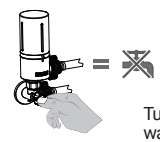
⚠Warning

If the waste pipe is blocked, don't press the flush button continually, otherwise water will probably keep flowing out of the main body.

10.Care advice if not used for long time

※You can pour the antifreeze into the ceramic toilet in advance to make you feel at ease.

A

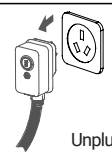


Turn off the water supply

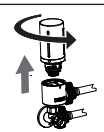


When off the seat, press the nozzle "self-cleaning" knob to clean itself

B

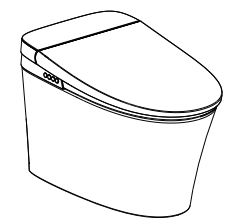


Unplug the plug



Unscrew and remove filter

C



※You can pour the antifreeze into the ceramic toilet in advance to make you feel at ease.

Caution: In case of power outage, it should be ensured that the functions currently in use are completed and stopped (such as real wash, front wash, nozzle cleaning, flush, etc.)

11.Cleaning and maintenance

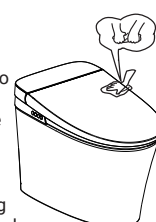
Lid cleaning:

Turn off the water source, unplug the plug wipe with soft cloth and clean water (wring dry)

Matters needing attention:

This product is a plastic product. Do not clean it with dry cloth or toilet paper, otherwise it may scratch the product.

There are electronic components inside the product. Please pay attention to avoid water penetrating into the interior otherwise, it may lead to functional failure of the product.

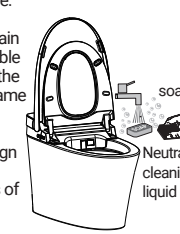


Ceramic cleaning and maintenance:

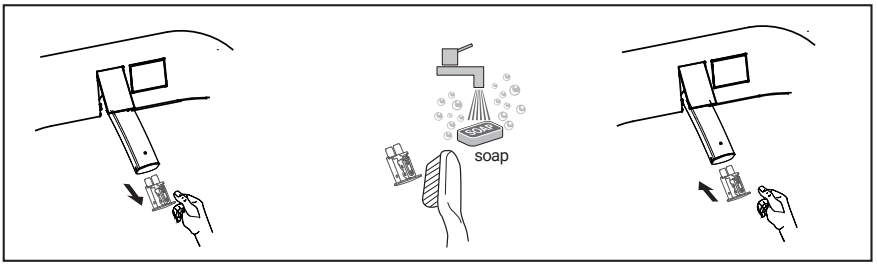
Matters needing attention

When using toilet cleaner to maintain the toilet, wash it as soon as possible (within 3 minutes), and then open the upper cover and seat ring.At the same time, the residual detergent on the toilet should also be wiped clean

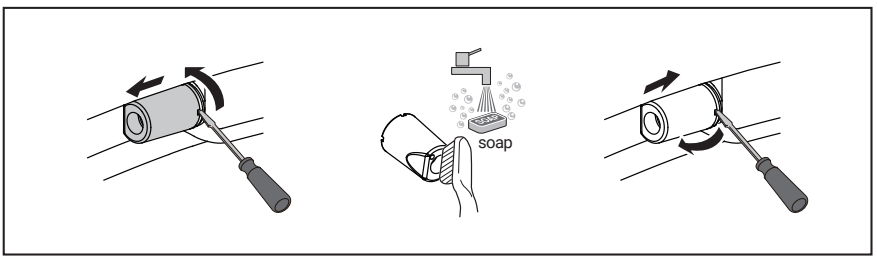
During use, be careful that no foreign matters are caught in the gap between the seat ring and all parts of the machine to avoid pinching or damaging the machine.



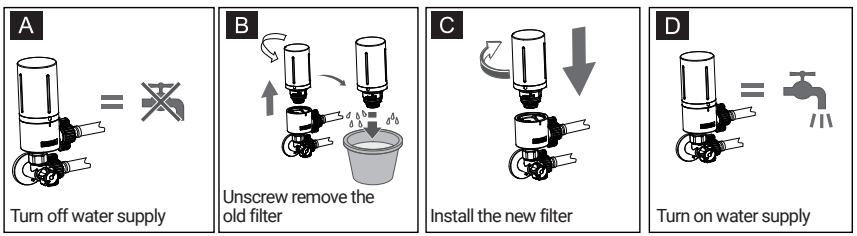
12.Nozzle cleaning



13.Clean the water outlet



14.Filter cleaning



It is recommended to clean the filter screen and replace the filter every 12 months (the specific replacement cycle depends on the water quality).

Consumable parts:

1. The filter is a consumable material, and it is recommended to replace it every 12 months (the specific replacement cycle depends on the water quality); In case of product failure caused by filter blockage, paid maintenance will be carried out;
2. Please ensure that the product is used at 3 ℃ ~ 38 ℃. If you do not use the product for a long time(more than 48 hours), please turn off the water and power supply. If you do not install and use the product as required, resulting in product damage and property loss, the company will not bear all losses caused by this.

15.Corrective Maintenance

Answers to FAQs

Read the following FAQs carefully and follow the tips to solve them. If the product still cannot function properly, contact your local distributor or call the service hotline for further assistance.

Tips!

If water leakage occurs, turn off the water source switch immediately and unplug the power plug to power off the product.

Confirm the following possible reasons for malfunctions:

1. Check the power supply

(1) Is the power supply working properly?

(2) Is the plug inserted?

(3) Is the leakage protection switch tripped?

2. Check the water supply

(1) Is the water supply normal?

(2) Is the throttle valve closed?

Repair Records

Date of Repair	Repaired	Maitenance	Signature of repairer

There may be differences between the content of this Manual and the actual product, and the latter shall prevail. We will provide no separate notification if any updates are made to the product and accessories.

Corrective		Reason	Solution
Remote controller	Remote controller cannot work properly	Is the battery completely depleted?	Replace with a new battery
		Are the positive and negative terminals of the battery installed correctly?	Correctly install the positive and negative terminalsof the battery
		Is the remote controller successfully paired with the host?	Pairing the host again in comformity with the instruction.
	The remote controller button is not sensitive	Is the battery of remote controller low?	Replace with a new battery
		Is the signal transmission or receiving port of the remote controller covered by metal media?	Remove the metal media from the signal transmission port of remote controller
		Are other remote controls around the product used simultaneously?	Do not use other remote controls at the same time
Nozzles do not spray water		Blockage caused by bent braided hose at water inlet	Remove the bent braided hose at water inlet
		Inlet valve closed	Open the inlet valve
		Tap water supply is cut off	Waiting for water supply
Weak water spraying intensity		Partial blockage caused by the bent inlet braided hose	Remove the bent braided hose at water inlet
		The inlet valve is not fully open	Fully open the inlet valve
		Inlet filter screen/filter clogged	Wash inlet filter screen/replace filter
The water temperature is low		Set water temperature to room temperature level	Reset the appropriate water temperature level
The seat temperature is low		Set seat temperature to room temperature level	Reset the appropriate seat temperature level
The air temperature is low		Set air temperature to room temperature level	Reset the appropriate air temperature level
Warm air blows no wind		Not sit at the seat sensing position	Sit in the seat sensing area
Wand does not retract		The product is not powered	Gently push the wand back and wait for power resumption.
		Stuck by foreign objects	Remove foreign objects
Wand does not extend in wash mode		The product is not powered	Waiting for power resumption
		Not sit at the seat sensing position	Sit in the seat sensing area
Wand does not extend in cleaning mode		Conductive media is found on the sensing area of the seat	Remove conductive media
Flush function does not work properly		Angle valve switch is closed or the flow rate is too small	Waiting for the restoration of water supply
 Attention		If the fault persists after the above treatment, the power supply shall be cut off.	
		If the power leakage protection switch does not work from time to time, please cut off the power supply and contact maintenance personnel for repair.	

Remarks

Names and contents of harmful substances in products

Name of components	Pb	Hg	Cd	Cr(VI)	PBB	PBDE
Power cable	×	○	×	○	○	○
Plastic case	○	○	○	○	○	○
Metal case	○	○	○	○	○	○
Ceramic base	○	○	○	○	○	○
Internal plastic parts	○	○	○	○	○	○
Internal hardware	×	○	○	○	○	○
Internal electrical components	×	○	×	○	○	○
Circuit board	×	○	×	○	○	○
Internal wiring	×	○	○	○	○	○
Accessones and others	×	○	○	×	○	○
Battery	○	○	○	○	○	○

This form is designed in accordance with SJ /T 11364.
○:indicates that the content of the harmful substance in all the homogeneous materials of the component is below the limit requirements specified in GB /T26572.
×:indicates that the content of the harmful substance in at least one homogeneous material of the component exceeds the limit requirements of GB /T 26572

The number in this label indicates the environmental protection service life of the product under normal use is 10 years.
Some components may also have an environmental protection service life label, and the service life of the environmental protection components shall be subject to the number in the label. The product may not include all the above components beside the main product due to different models.
Note: This number of period is the "ECO use period", not the quality guarantee period.

Product recycling instructions:
When the product is discarded after proper use, please dispose in accordance with the relevant laws and regulations on the recycle and reuse of electronic information products.

Water efficiency level of smart toilet			Level 1	Level 2	Level 3
Energy efficiency grade index	Energy consumption per unit（kW. h）	With seat heating function	≤0.030	≤0.040	≤0.060
		Without seat heating function	≤0.010	≤0.020	≤0.030
Water efficiency grade index	Intelligent toilet washing average water consumption /L		≤0.30	≤0.50	≤0.70
	Average water consumption per L for smart toilet flushing		Comply with GB25502 Level 1 index requirements	Comply with GB25502 Level 2 index requirements	Comply with GB25502 Level 3 index requirements
	Water consumption per L for dual-flush smart toilet				

Note 1: "*" applies to the integrated intelligent toilet .
Note 2: in each water efficiency level, the average half-flush water consumption of the dual-flush intelligent toilet shall not exceed 70% of the maximum limit of its full-flush water consumption .

Guarantee card

Type			
Production number		Date of purchase	
Saler		Tel	
Province:	City:		Dealer's stamp:

Maintenance regulations:

1. Free care within guarantee time on the condition that users operate the product according to the manual.
2.Please contact with our service center or local dealers.Guarantee card should be showed within guarantee time.
3.The following breakdowns will be charged even within guarantee time:
—Breakdowns that caused by fause operations or alterations.
—Breakdowns that caused by movement of the installation spot.
—Breakdowns that caused by natural disasters like fire,earthquake,flood,thunder or others.
—Breakdowns that caused by non-rated power.
—For use outside the ordinary household, failure or damage;
—When this repair card is not available;
—This repair card is not filled in the sale unit, installation date, no dealer stamp or unauthorized modification of the content;
—Failure and damage caused by sediment or foreign matter in the water supply pipe;
—Failure and damage caused by water quality in the use area
—Poor use and damage of consumable items such as packaging due to silt, dirt.
4. The card cannot be copied,please save it carefully.
5.Not according to the terms due to the construction,installation and operation caused by improper product damage and property jamage damage , personal Damage, are not within company free replacement and compensation.

First copy: kept by the user

Clipping line

Guarantee card

Type	
Production number	
Customer name	
Tel	
Address	
Saler	
Tel	
Date of purchase	

Copy 2: returned to JOMOO(XIAMEN) Construction Materials CO.,LTD.

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JOMOO

QC

Inspector:

Product Model: Refer package or label

Product Name: Refer package or label

Date:

If color differences and dimensions are subiect to the usual tolerance,
We reserve the right to make technical modifications to dimensions and colors.

JOMOO(XIAMEN) Construction Materials CO.,LTD.