

Model : W5100

User Manual

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

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Safety instructions



Please read the instructions carefully before installation and keep it available for future maintenance or reference.





Failure to follow these instructions can cause body injury and property damage.


Explanation of symbols



 Warning	Refers to an immediately dangerous situation that will cause serious injury or death.
 Caution	Refers to a potentially dangerous situation that may cause slight or moderate injury or property damage.

Explanation of symbols

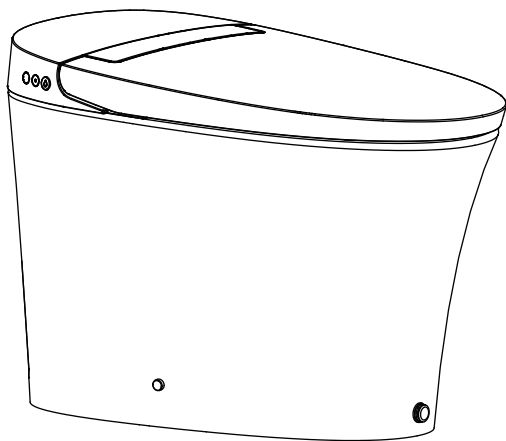
Symbol	Indication
	Refers to prohibited activities.
	Refers to mandatory activities.

 Warning—To reduce the risk of burns, electrocution, fire, or injury to persons:	
	Do not throw cigarettes and other burning stuff into toilet.
	<p>Never disassemble, repair or modify this product.</p> <p>Do not wash the main unit or electrical plug with water or detergent.</p> <p>Do not handle the electrical plug with wet hands.</p> <p>Do not use any battery device other than the factory equipped battery device.</p> <p>Never operate this product if it has a damaged cord or plug, if it is not working properly. Contact manufacturer or service center for examination and repair.</p> <p>This product is an electric appliance, avoid direct contact with water or other liquids.</p> <p>Do not position the product on its side or upside down while making electrical connections with the battery box.</p>
 Mandatory activities	Do not install or use the product in wet places such as a shower room.

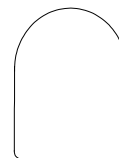
Warning	
 Mandatory activities	<p>This product is to be used with factory equipped battery box and 1.5V “AA” alkaline battery.</p> <p>When moving the product from cold or wet environment to normal room temperature, please wait for 2 hours until the condensed water is completely volatilized to prevent electrical short-circuit.</p>

Caution	
	<p>Do not place or store product where it can fall or be pulled into a tub or sink.</p> <p>Do not place in or drop into water or other liquid.</p> <p>Do not reach for a product that has fallen into water. Unplug the battery box immediately</p> <p>Do not stand on the ceramic toilet, and do not hit the ceramic, to avoid damage and water leakage.</p> <p>Do not embed cementitious material (cement mortar) to toilet base, to avoid toilet cracking.</p> <p>Do not stand on product unit, seat and cover.</p> <p>Do not use any caustic chemicals or scrubbing brush to clean this product.</p> <p>Only use tap water or potable water as it may cause chafing.</p> <p>Exposure to direct sunlight is prohibited.</p> <p>This product is equipped with a soft-closing seat cover. Do not push the toilet seat closed, or damage may occur.</p> <p>Do not connect water supply to a hot water supply. Make sure inlet water temperature is between 3~35 °C / 37.4~95 °F .</p> <p>Do not lean against the seat cover when using the product to avoid damage.</p> <p>Do not flush newsprint, diapers, sanitary napkins or other items that can easily block the toilet.</p> <p>If this product is malfunctioning, unplug from electrical connections. Call for professional service.</p>
 Mandatory activities	<p>Ensure power cable is unplugged and water supply is turned off during the installation and maintenance of this product.</p> <p>Do not use in an environment below 0 °C.</p> <p>When not using the product over three (3) days, it is recommended to unplug the battery box, remove batteries and drain any water present in toilet and hose.</p> <p>This product is not to intended for individuals (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction.</p> <p>Children shall not play with the product.</p> <p>Raise room temperature to prevent the toilet from damage due to freezing.</p>

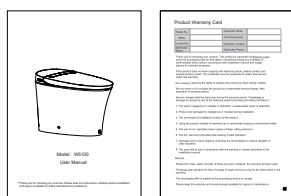
List of materials



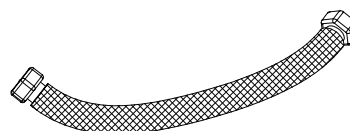
Main Unit



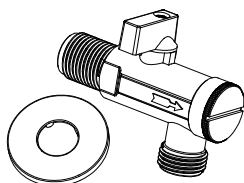
Installation Cardboard



Installation Manual
Wrranty Card



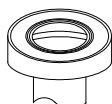
Braided hose



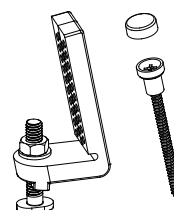
Angle Valve



Battery box



Sealing Flange

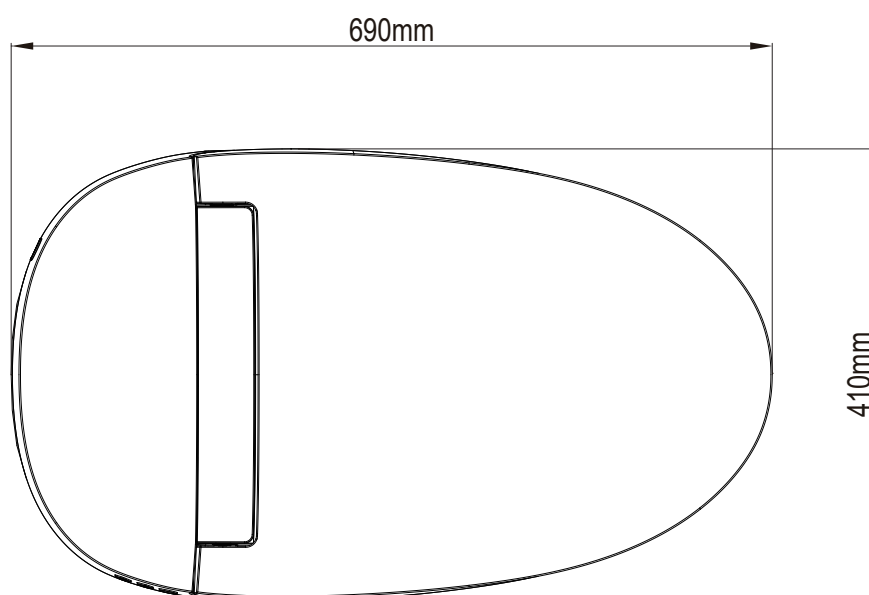
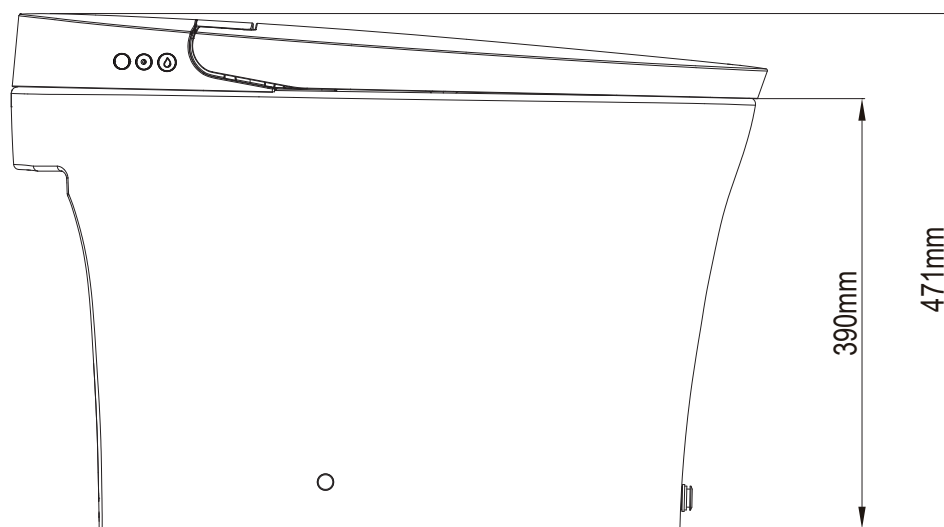


Mounting kit



Sensor module
assembly (optional)

Technical drawing



1. The drawing is for reference only, and we reserve the right to modify the product appearance.
2. Product appearance is subject to change in kind.

Parts identification

Left side

Flush



Lid

Bumper

Decorative piece

Ceramic toilet

Right side

Bumper

Seat

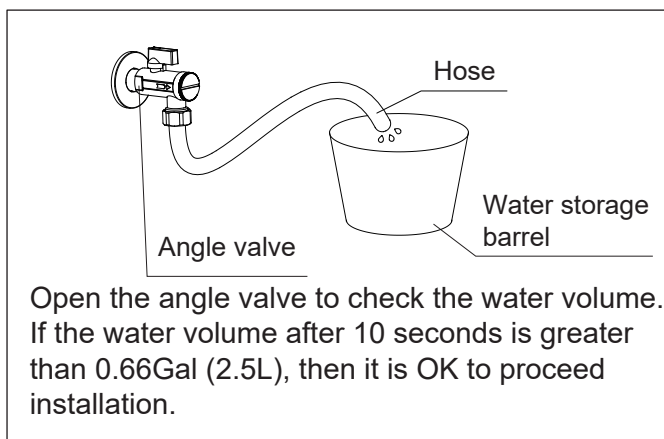
Foot-touch button
(optional)

Toilet installation

⚠ Precaution before installing

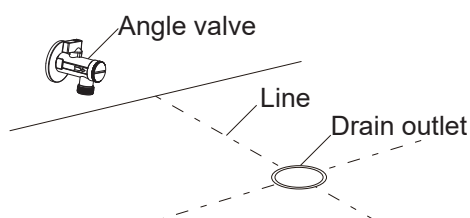
- Minimum dynamic working water pressure: 0.09+MPa (15.0+L/min), failure to meet this pressure will not achieve the best flushing effect.

Note: Apply the methods below if you don't have water pressure testing device.



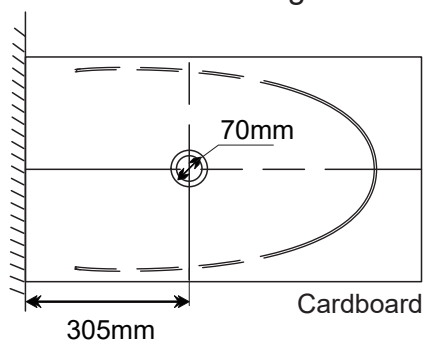
1. Installation of angle valve

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



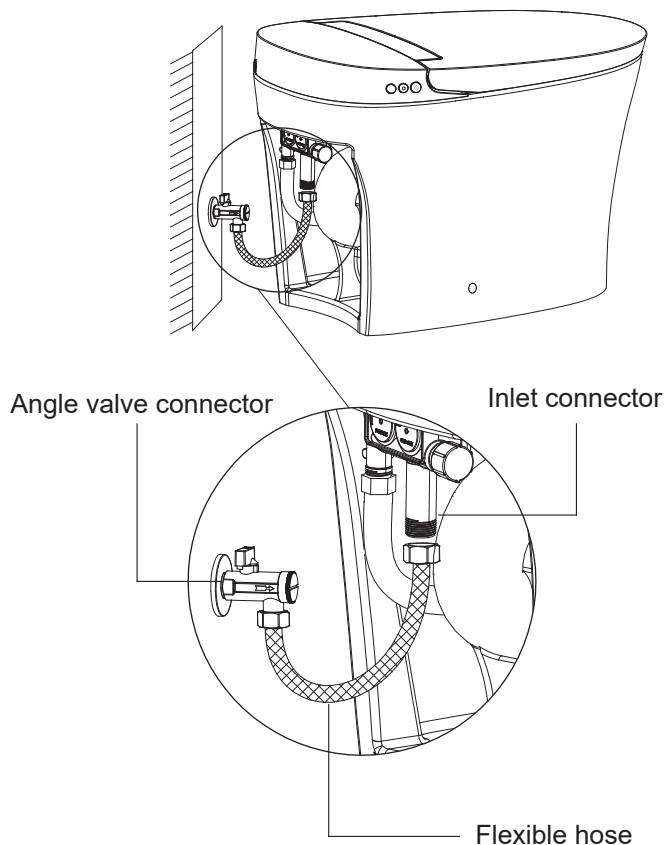
2. Cardboard installation

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



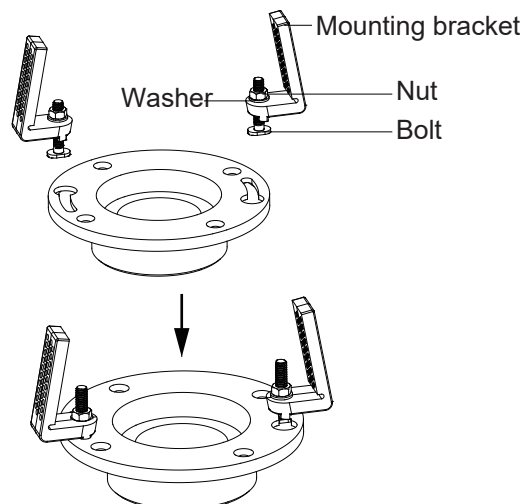
3.Hose

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



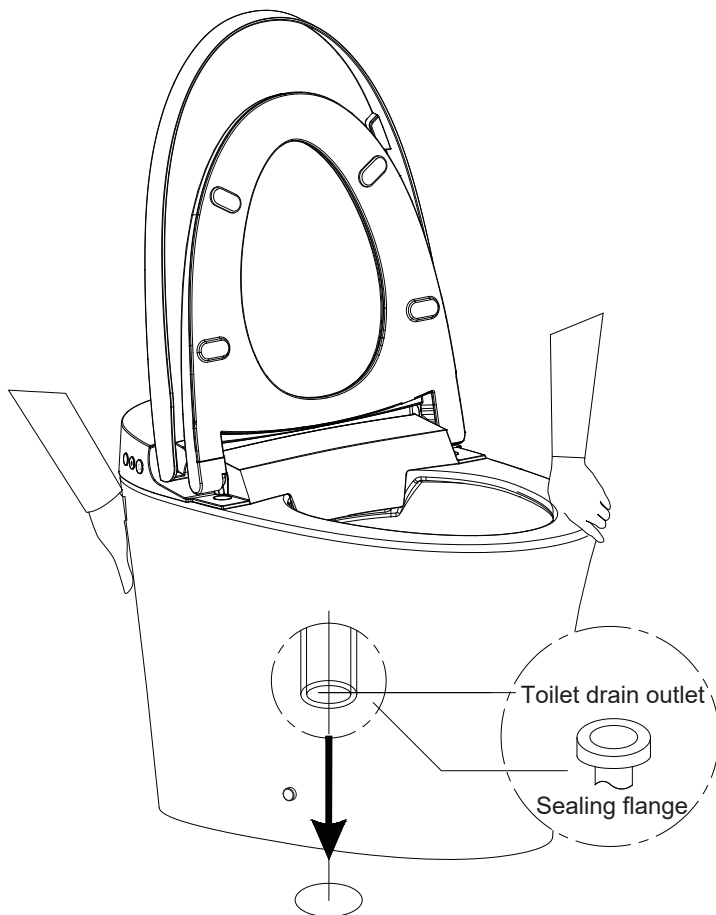
4.Mounting bracket installation

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



5. Ceramic toilet installation

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

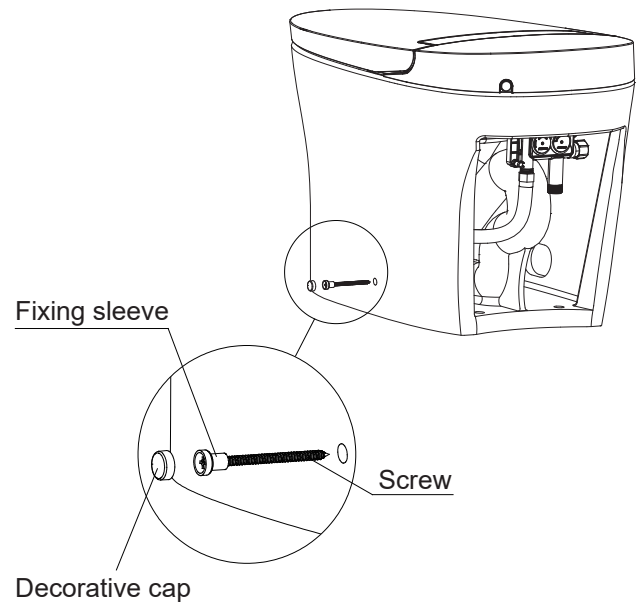


Note:

1. Two people are required to carry the toilet.
2. Please clean up the drain outlet;
3. Please make sure ceramic toilet outlet sits perfectly on drain outlet.

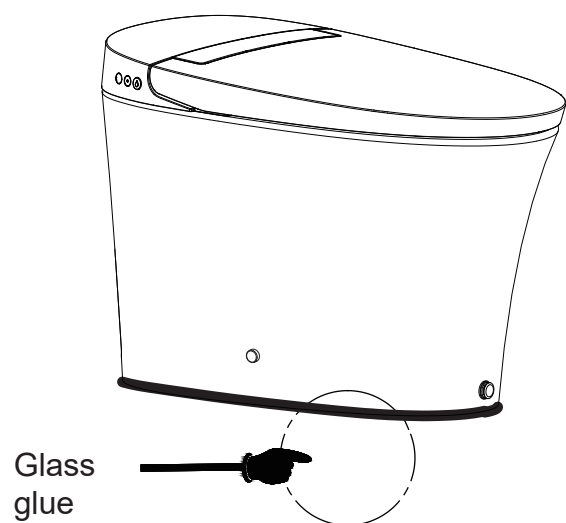
6. Screw installation

- Put the screw through the fixing sleeve and then install it through the holes (on both sides of the toilet ceramic) to the mounting bracket on the ground. Lock tight.
- Install the decorative cap on the fixing sleeve.



7. Glass glue application

- Apply high quality mildew-proof glass glue around the lower edge of the toilet.



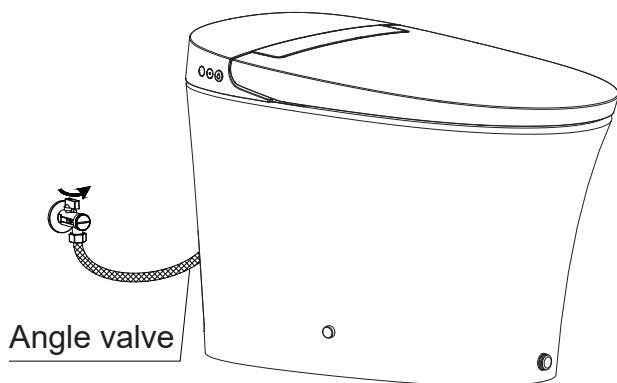
Notes:

- Please clean up the drain outlet;
Please make sure ceramic toilet outlet sits perfectly on drain outlet.

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.)

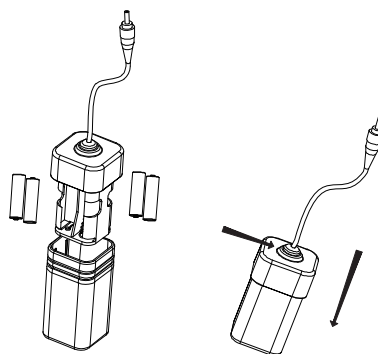


2. Power Connection

Insert 4 x 1.5V AA batteries (not supplied) into the battery box. Plug DC connector on the battery box and toilet, and stick battery box to the velcro on the bottom of the toilet.

Note:

1. Only use 1.5V AA alkaline battery.
2. Do not mix old and new batteries or different battery brands.
3. Battery life will be significantly reduced when using non-alkaline batteries;
4. Please install the inner box in right direction (labeled on the battery box).



When the cover is buckled, use your fingers to squeeze the side of rubber plug to discharge air inside the box to ensure sealing effect.

3. Self-inspection

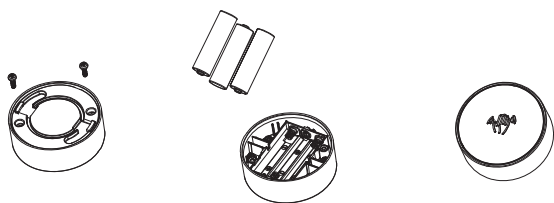
Once batteries installed, the red indicator light flashes once.

Installation of sensor module

(Only for models with wave-to-flush function)

1. Battery installation

- Insert 3 x 1.5V AAA batteries (not supplied) into the sensor module and tighten with screws.



Note:

Please install sensor module batteries within 3 minutes after installing batteries in the battery box. Code matching will execute automatically.

2. Sensor module holder installation

- Choose the installation method according to the wall:

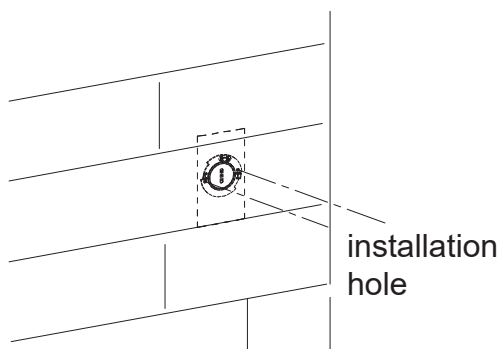
Method A: for rough walls such as whitewashed wall, using screws.

Method B: for smooth walls such as tile, using adhesive tape.

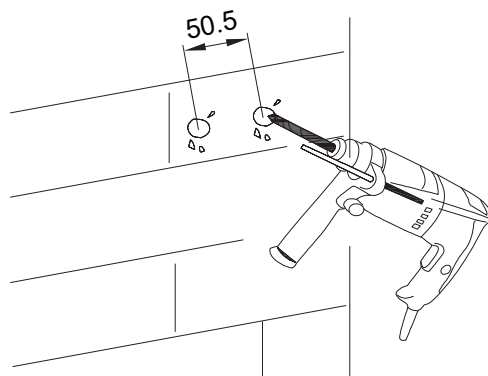
Method A: Screw fixing

A-1: Position the holder in the pre-installation area on the wall and mark installation holes location.

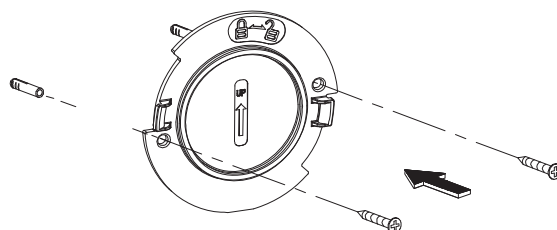
(Please ensure the sensor module is within reach when a person on the seat.)



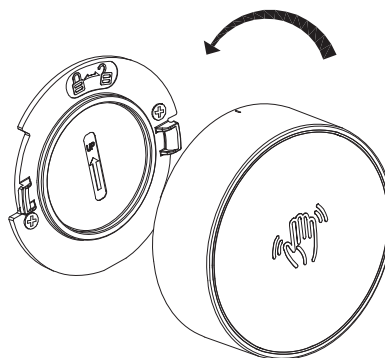
A-2: Drill two 6 mm diameter holes in the wall at a distance of about 50.5 mm, a depth of about 35mm.



A-3: Install an anchor in each of the holes and secure the holder to the wall using screws.



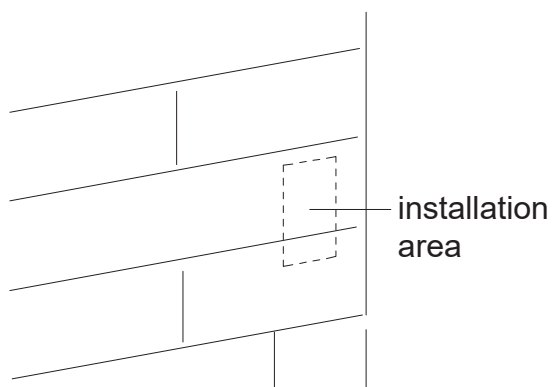
A-4: Align sensor module slot with the holder, and then rotate it counterclockwise to lock it.



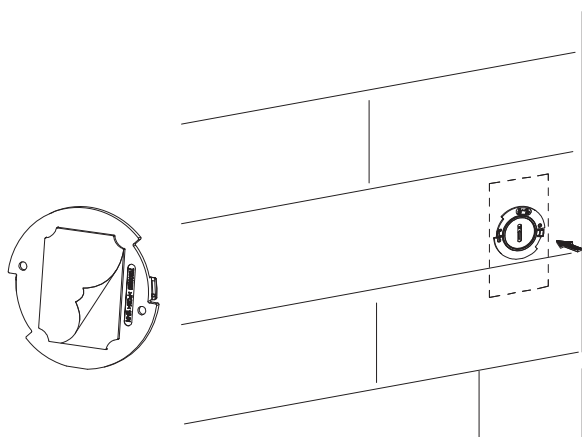
Note: Do not install and use the product in damp places such as shower room. Do not place the product in a place where it is easily exposed to water.

Method B: Adhesive fixing

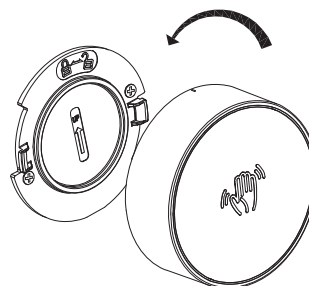
B-1: Clean and dry the pre-installation area of the holder. (Please ensure the sensor module is within reach when a person on the seat.)



B-2: Remove the adhesive tape on the back of the holder and stick it to the wall vertically.



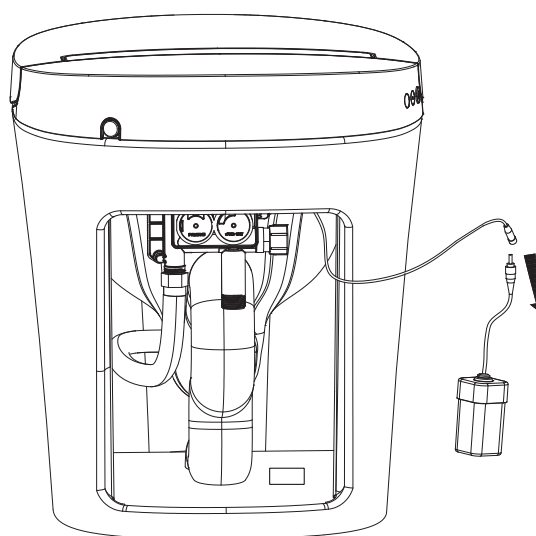
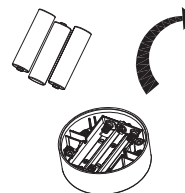
B-3: Align sensor module slot with mounting bracket, and then rotate it counterclockwise to lock it.



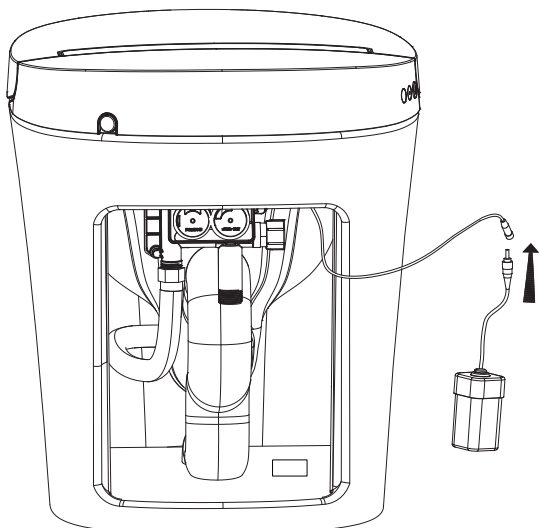
Note: Do not install and use the product in damp places such as shower room. Do not place the product in a place where it is easily exposed to water.

3. Modules code matching

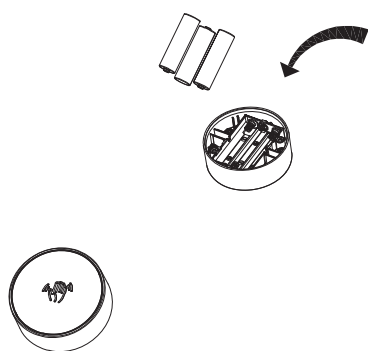
- Step I
Remove batteries from module sensor and battery box, and wait for 1 minute.



- Step II
Connect battery box (with batteries installed) to the main unit.



- Step III
Install sensor module batteries within three minutes after installing flush control module batteries to allow codes to match.



- If the sensor module can light up but does not flush by sensing, please reload batteries and match codes again.

4. Sensor flushing

- Wave hand in front of the sensor module to activate sensor flushing.

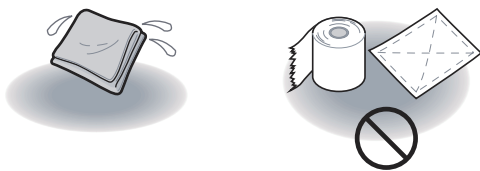
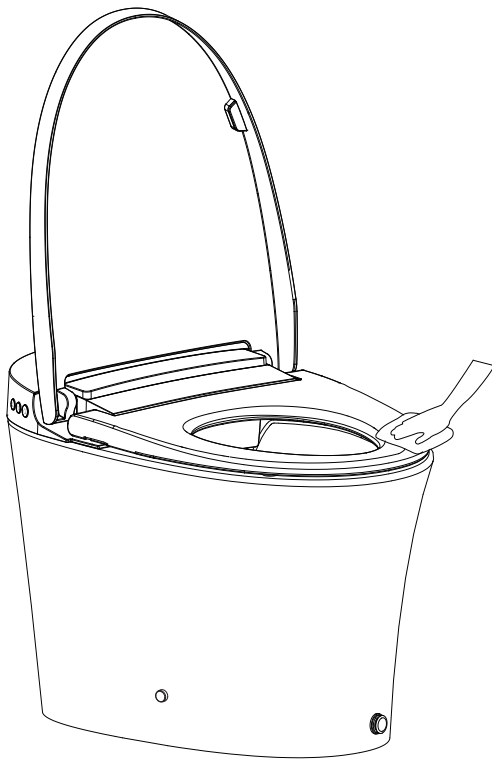


Maintenance

Main unit care and maintenance

Use only a soft, damp cloth to clean.
Avoid using harsh chemicals.

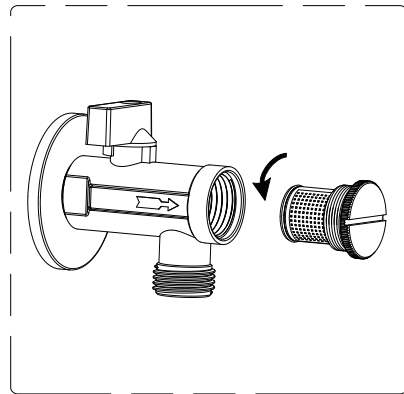
Note: If the toilet is with off-seat auto flushing function, it may activate auto flushing during the cleaning.



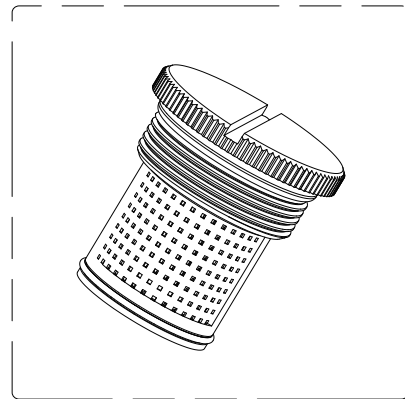
Filter maintenance

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



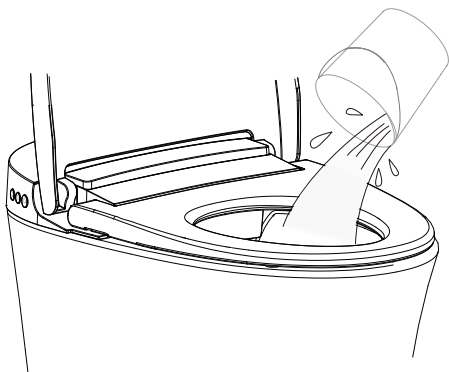
4. Clean out the filter net under running water using a toothbrush
5. Reinstall filter and angle valve nut, turn on the angle valve and connect power.

Emergency Troubleshooting

No water supply

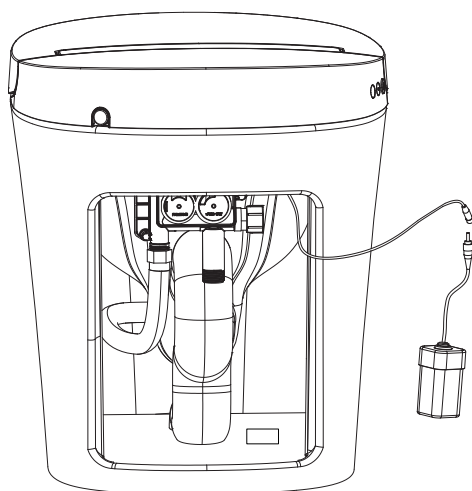
- Put around 8L water into a barrel and flush the ceramic bowl.

Note: Avoid water spilling from bowl.



Battery replacement

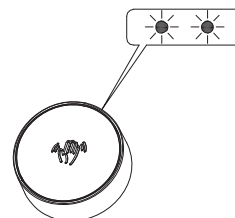
- Unplug the DC connector and remove the battery box.
- Pull out the cover, remove the used batteries and put the new batteries into box and replace the cover.
- Reconnect the DC plug and stick the battery box back to the velcro.



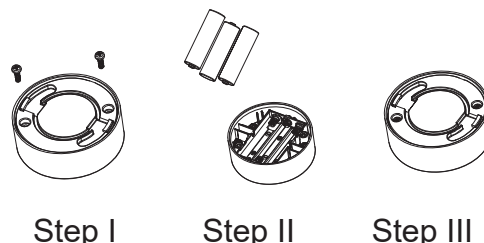
Low battery indication and replacement

(Only for models with wave-to-flush function)

1. Sensor module



- When the batteries are low on the sensor module, the module will flash quickly 5 times, indicating the batteries need to be replaced.

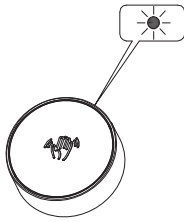


- Loosen screws on the back of sensor module and remove rear cover, replace batteries and secure with screws.

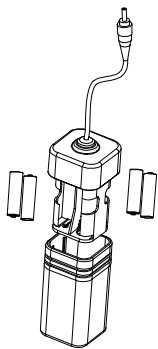
Note:

1. Only use 1.5V AAA alkaline battery.
2. Do not mix old and new batteries or different battery brands.
3. Battery life will be significantly reduced when using non-alkaline batteries.

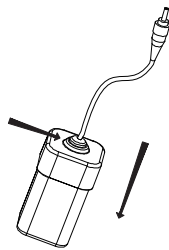
2. Flush control module



- When waving hand over the sensor module and it starts to slowly flash 12 times, indicating that the batteries in the flush control module need to be replaced.



Step I



Step II

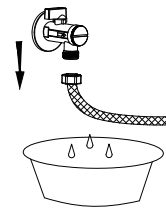
- Remove the cover of battery box, replace batteries and reinstall in place.

Note:

1. Only use 1.5V AAA alkaline battery.
2. Do not mix old and new batteries or different battery brands.
3. Battery life will be significantly reduced when using non-alkaline batteries;
4. Please install the inner box in right direction (labeled on the battery box).

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.

1. Activate flushing, and then turn off angle valve to stop water supply.
2. Unplug battery box and remove all batteries.
3. Disconnect the hose from angle valve, drain the water and reconnect.



4. For your safety, it is recommended to put antifreeze into the remaining water in the bowl.

* Please reinstall battery box and turn on water supply when using again.

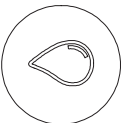



Note: Before water discharging, the power must be cut off!

Technical Specification

Model		W5100
Main Unit	Rated voltage	DC:6V
	Rated power	2.1W
	Water proof	IPX4
Toilet	Flush volume	6.0L(full flush)/4.1L(half flush)
	Flushing mode	Siphonic jet
	Rough in	305mm
	Drainage method	S-trap
	Outlet outside diameter	≤100mm
	Water pressure range	0.09MPa (dynamic pressure, flow rate of 15.0+L/min)--0.8MPa (static pressure)
	Installation method	Glass cement/ foundation bolts
seat	Open and close device	Quiet soft-close
Caring device	Automatic flushing	Automatic flushing after use
	Low battery indication	If the flush does not work after pressing flush button, and the indicator light flashes, indicating that the battery needs to be replaced.
	Foot-touch flushing function	Kick the foot-touch button to flush (optional)
	Wave-to-flush function	Wave in front of sensor module to flush (optional)
Antibacterial site		Seat

Description of the button function

Description of the button function		
	 Flush	press "FLUSH" button on the main unit to flush (full flush).

Note:

1. Button light: If the battery is low, when pressing the flush button, the red light will flash.
2. Off-seat auto flushing: In the off-seat auto flushing mode. If the user sits for 6 seconds to 1 minutes and then leaves the seat for more than 3 seconds, a half flush is activated. If the user sits for more than 1 minutes and leaves the seat for more than 3 seconds, a full flush activated.

FCC Statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

WARNING: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

Product Warranty Card

Model No.		Customer Name	
Seller:		Purchasing Date:	
Invoice No.		Customer contact:	
Distributor Stamp		Distributor Phone	

Thank you for choosing our product. This product is warranted for three(3) years since the purchasing date for free repair of problems arising out of defects in workmanship while using in accordance with installation manual and usage cations for intended purposes.

If the product does not work properly with warranty period, please contact your nearest service center. This certificate must be presented to obtain free service under this warranty.

Our company reserves the rights to replace the product by other similar models.

We can serve to fix or repair the product at a reasonable service charge, after expiration of warranty period.

Service charges shall be paid even during the warranty period, if breakage or damage is caused by any of the following events (including but without limitation).

1. The user's negligence or mistake in operation, unreasonable repair or alteration.
2. Product are damaged by negligence or mistake during installation.
3. The movement of installation location of the product.
4. Using the product outside of intended use in residential housing or commerical hotels.
5. The use of non specified power supply (voltage, rating pressure)
6. The dirt, sand and impurities that causing invalid operation.
7. Damages due to force majeure (including but not limitation to natural disaster) or other incidents.
8. The user fails to use in compliance with the warning or caution described in the installation manual.

Remark.

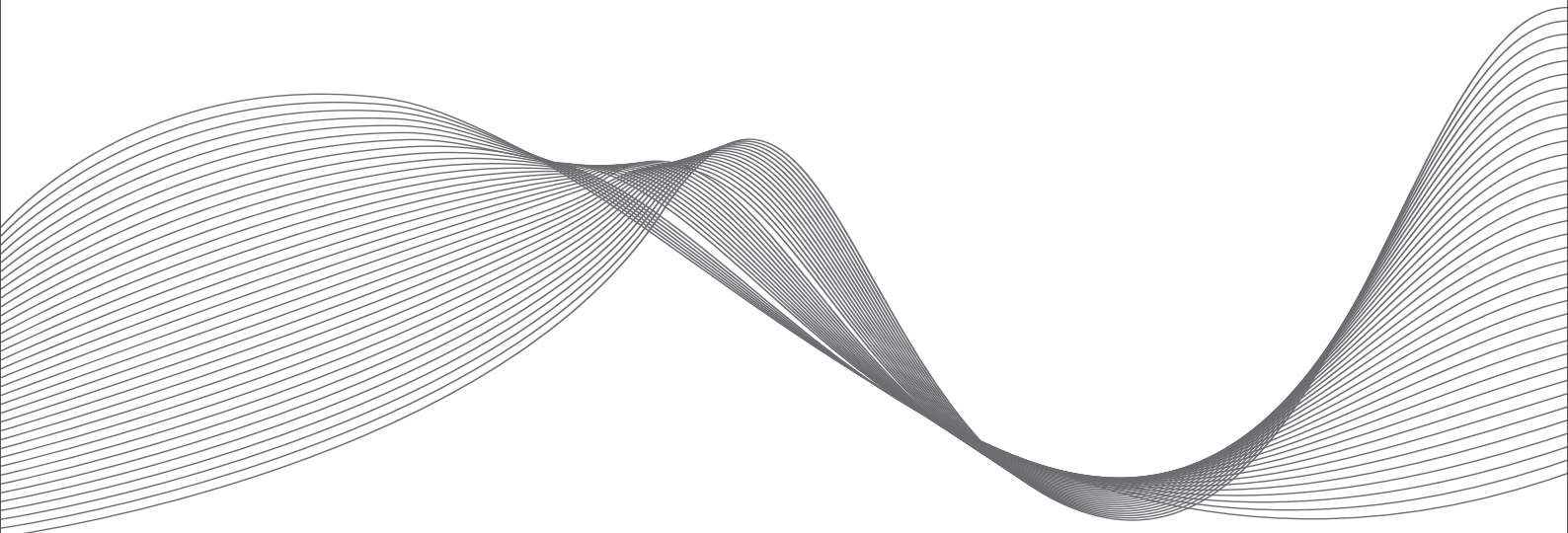
Please fill in date, seller correctly. If there are some mistakes, the warranty will get invalid.

This three year warranty for free of charge of repair service is only for the items listed in the warranty.

The purchasing date is subject to the purchasing invoice or receipt.

Please keep this warranty and invoice/receipt available for repair or maintenance.





The picture of product may not entirely consistent with actual appearance and color because of product improvements, please in kind prevail.