INSTRUCTION MANUAL
OPT11 Smart Toilet

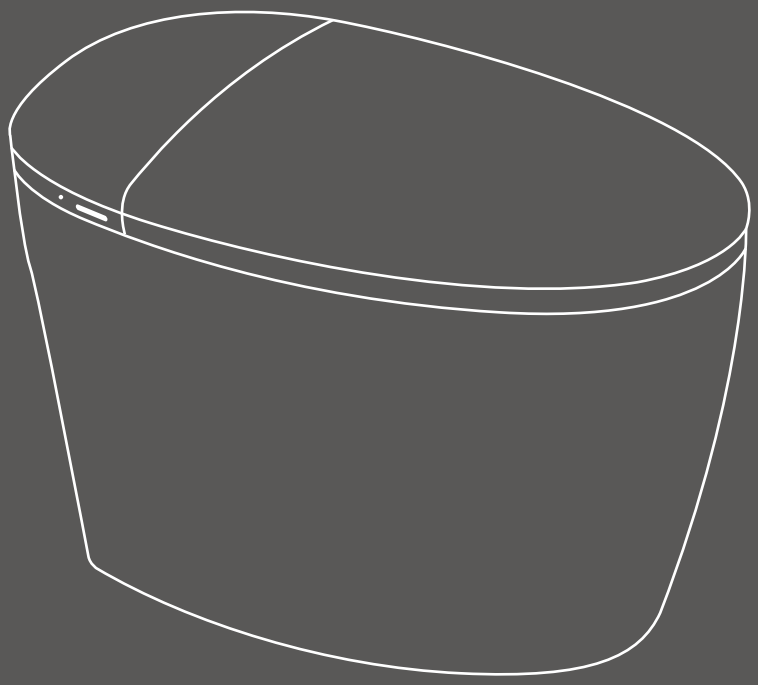
Thank you for choosing our product!

To ensure proper installation and safe use of your smart toilet, please read this manual carefully.

If you encounter any missing or damaged parts, please contact our customer service team.

Be sure to include your Order ID for faster service.

Customer Service Contact
✉ Email: customerservice@hkfoam.com
⏱ Response Time: Within 24 hours



Product Installation Video

Please scan this QR code with your cell phone YouTube to watch the installationvideo instantly.



Catalogue

For any questions or support, please email: [customerservice@hkfoam.com]

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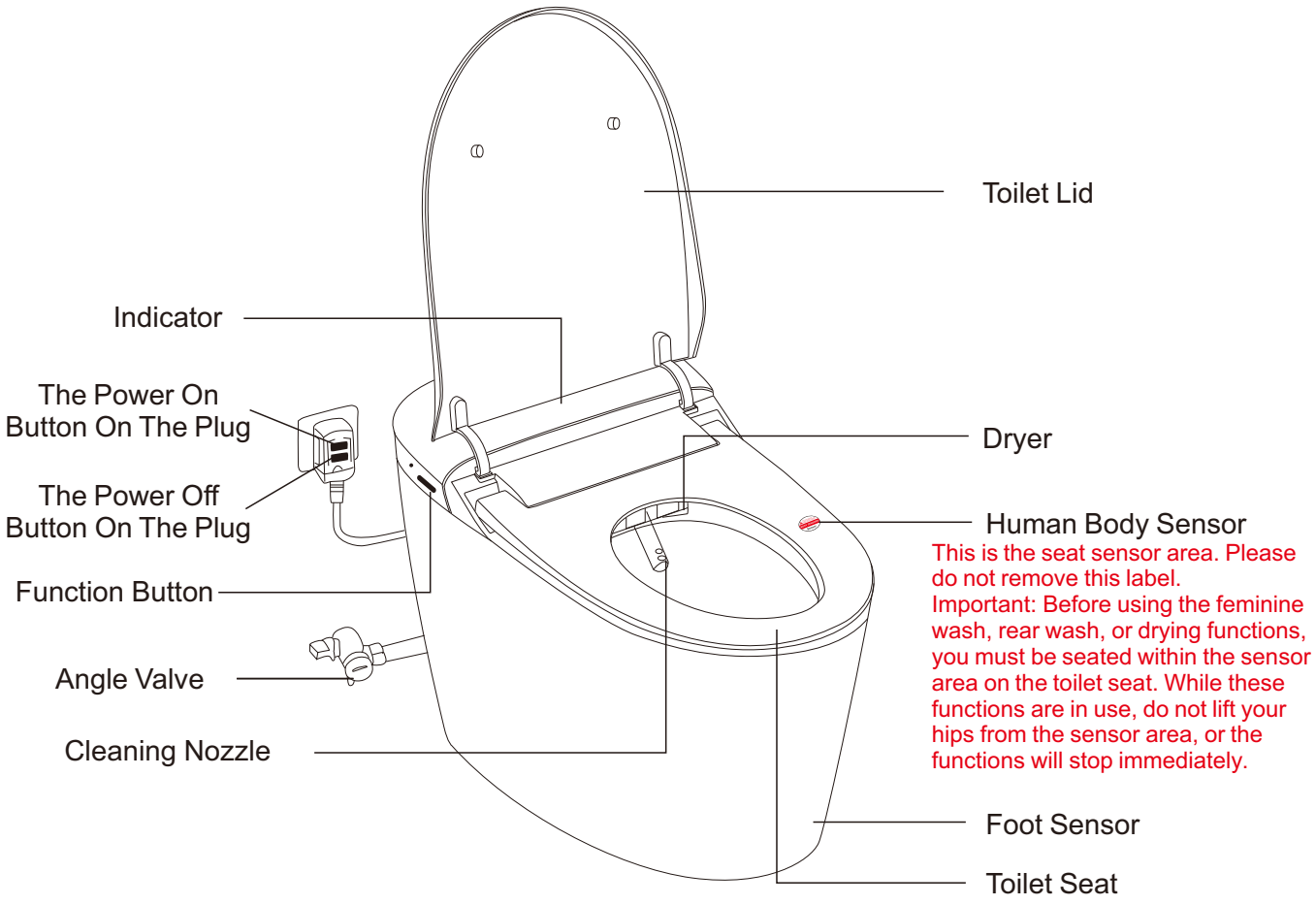
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Component name



Hardware Lists

Please check if all accessories listed below have been received.

1pc	1pc	1set	1set	1pc	1set	1pc	1pc	1set	1pc
									
flange ring	instruction	angle valve	remote control battery	fixed disk	fixed disk screws	foam solution bottle	foam liquid effervescent tablet	Power Outage Flushing Battery	3/8" female x 3/4" male adapter
A	B	C	D	E	F	G	H	I	J

Safety directory

Please cautiously read before installing and using.

Warning: To avoid electric shock ⚠

1. Do not place the product in damp or wet locations.
2. Do not drop the remote control into water.
3. Do not spray water onto the product or into the power outlet.

Warning: To prevent burns, electric shock, fire, or injury ⚠

1. Young children and users insensitive to temperature should be accompanied by others when using this product. Turn off or lower the seat temperature when necessary.
2. Use this product only as described in the manual. Do not connect other equipment.
3. Do not continue to use the product if it is malfunctioning, damaged, or has been exposed to water. Send it to an authorized service center for repair.
4. Ensure that the power cord and wires are not damaged or exposed to heat.
5. Do not use this product under the influence of alcohol, medication, or in an unstable condition.
6. Do not plug or unplug the product or hoses while in use.
7. Do not use outdoors.

Initial inspection before use

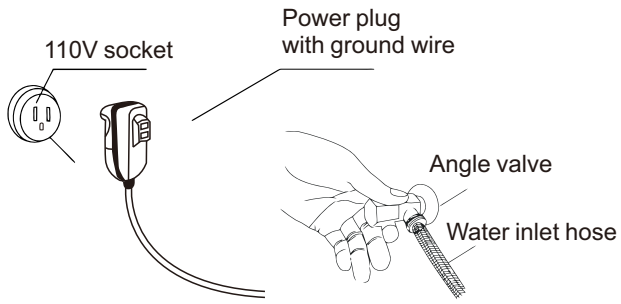
Note: To ensure the normal use of the product, please follow the instructions to text.

1. Insert the power plug into a 110V AC outlet.

2. Check that the indicator on the digital display panel is illuminated.

3. Check that the inlet valve is turned on.

4. Ensure that the hose between the wall angle valve and the toilet inlet valve is properly installed.

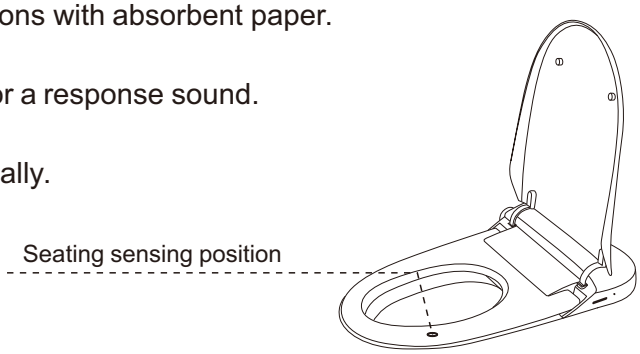


Caution: Items to Check Before Use

1. Check for water pipe leaks by wiping all connections with absorbent paper.

2. Press the seat near the seat sensor and check for a response sound.

3. Check that the damping structure operates normally.



4. Verify that both the seat detection and foot detection functions are enabled.

Safety cautions

Note: please cautiously read before using

Please read carefully before using. The cautions listed here are related to safety and please follow.

This product is an electrical appliance. Do not install it in locations where it may be splashed with water or exposed to high humidity. When used in a bathroom, ensure proper ventilation by installing a vent.

The power outlet should be installed as follows:
• The outlet must be positioned at least 11.8 in above the floor.
• Keep the outlet as far away from the bathtub as possible.
• The outlet circuit must be equipped with a high-sensitivity, fast-acting leakage protection switch (rated operating current ≤ 15 mA), or be protected by an insulated transformer with a capacity of 1.5–3 kVA.

Warning - Be sure to firmly connect ground wires

This product uses a three-prong plug (with ground wire).
Risk of electric shock may occur in case of fault or electrical leakage.
If the wall outlet does not provide a ground connection, contact a licensed electrician.
Use only AC 110V power supply, and ensure wiring complies with relevant regulations.

Proper grounding of this product is required.
Without grounding, there is a risk of electric shock.

Note: Proper grounding means that the grounding resistance must be below 100 Ω, and the grounding wires of the switchboard must be copper wires with a diameter of at least 1.6 mm.

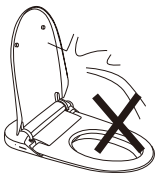
When installing in a bathroom, ensure that the power plug is sealed with silica gel for waterproofing.

Using the wrong power supply may cause a fire.

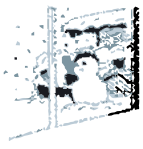
Please be sure to observe the following

- Do not allow urine to splash onto the nozzle.
- Unplug the unit during thunderstorms.
- Do not flush the unit directly with water.
- Do not wipe the seat or cover with rough cloth or toilet paper. Use a soft damp cloth instead.

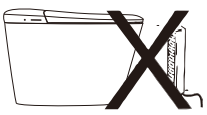
Please do not open the seat ring or cover violently.
- May cause cracking or malfunction.



Please take antifreeze measures by freezing.



Please do not put heaters near this product.
- Discoloration or malfunction will occur.



Safety and prohibited matters

Note: please cautiously read before using

Please read carefully before using.
The cautions listed here are related to safety and please follow.

Must obey

Notice heat burn

- Please turn the seat temperature down or off when sitting on the toilet for a long time.
- Please set the temperature to room temperature when the following persons use the seat to dry gently.
  - Children, the elderly, the sick, the disabled, etc.
  - People who take sleeping pills, get drunk and get overtired.

Do not use any power source other than AC 110V

- It may start a fire

Keep cigarettes and other flammable objects away from the product

- It may start a fire

Please don't sprinkle water or rinse on product essence or the power plug

- May arouse a fire or get an electric shock
- May cause toilet break, damage or indoor seepage.

When long time didn't use, please pull out the power plug.

- For safety, please pull out the power plug
- For re-use, please drain water for one minute before use

Please do not flush other items except for urine and feces

- May cause then block, sewage outside over flows

Do not unplug the power plug with wet hands

- It may cause electric shock

Do not distort or damage the water inlet

- It may cause a leak

Do not use loose and unstable power sockets

- It may cause fire or electric shock

Prohibit

Do not continue to use the product when it breaks down

When the following occurs, please unplug the power plug, close the inlet angle valve stop the inlet.

- Ceramic WC is leaking
- Cracks appear
- Abnormal sound and smell
- Fume-off
- Abnormal heating
- The toilet is clogged

- If continued under the condition of failure, it may cause fire, electric shock or indoor seepage problems

Do not damage the power cord or toilet seat cable

- Don't pull
- Don't process
- Don't heat
- Don't forcibly bent
- Do not place heavy objects on the power cord and toilet seat connection line

- May cause fire, electric shock or short circuit. If the power supply is damaged, please contact a professional for repair

Do not disassemble, repair or transform the product without permission

- It may cause a fire or electric shock

Do not use extension wires. Otherwise, it may cause a fire or electric shock

- Do not connect wires or use extension cords, which may cause fire and electric shock.

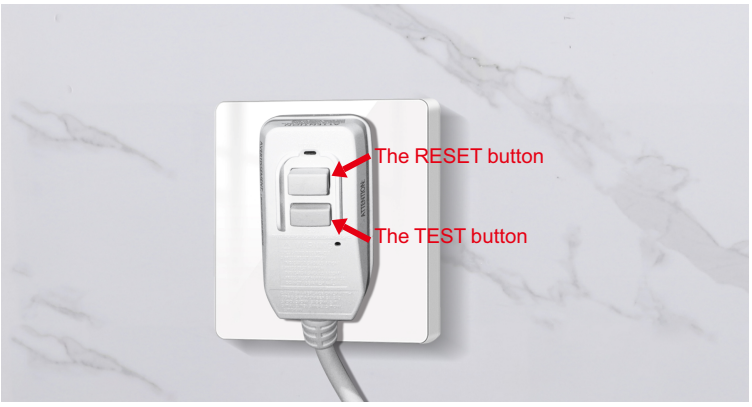
Do not install this product in damp places such as bathrooms

- It may cause a fire or electric shock

Do not use unhealthy water

- May cause skin irritation and other problems

Important safety warning – regular testing of the leakage protection switch



1. Importance of Testing

To ensure your safety, the leakage protection switch (hereinafter referred to as the “protection switch”) equipped with this product must always remain in proper working condition. Regular testing is the only way to verify that it functions effectively. We strongly recommend testing it at least once a month.

2. How to Test — Please follow these simple steps:

① Make sure the plug is connected to the power supply (plugged into an outlet and powered), but the unit does not need to be turned on.

② Firmly press the RESET button on the plug to connect the power.

③ Firmly press the TEST button on the plug. You should hear a clear “click,” and the switch’s trip mechanism will immediately activate, cutting off the power (the RESET button will pop out to the “OFF” position).

3. How to Interpret the Results

① If the switch trips normally: The leakage protection function is working correctly. After the test, press the RESET button again to restore normal power supply.

② If pressing the TEST button does nothing and power is not cut off: Stop using this product immediately! This indicates that the leakage protection function has failed, and continued use poses a risk of electric shock. Disconnect the appliance from the power supply at once and contact our after-sales service center or a licensed electrician for inspection or replacement.

4. Notes

① This test takes only a few seconds—please make it a regular habit.

② The test simulates a leakage scenario (such as electric shock) to verify the switch function. It will not damage the appliance.

③ This test allows users to confirm that the switch is working, but it does not replace a professional safety inspection by a qualified electrician.

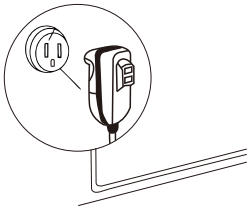
Daily cleaning and maintenance

Note: During cleaning and maintenance, please be sure to unplug the power switch and power off

Smart toilet cleaning and maintenance methods

Please wipe it with a soft cloth dampened with water

- If the dirt is not removed in time, it will become difficult to clean, please wipe with water sometimes.
- Static electricity will absorb dust, resulting in the product black, dirty, water wipe can prevent the generation of static electricity.
- The ceramic body can be removed from the toilet seat to facilitate cleaning between the toilet seat and the ceramic body.

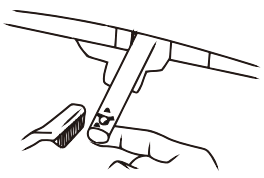


Unplug the power supply before maintenance

Cleaning and maintenance of spray head

If there is dirt in the nozzle. Please clean it with a small brush such as a toothbrush.

- Do not stretch and bend the spray head.



Must obey

Clean the dust on the power plug regularly

When cleaning, remove the power plug and wipe with a dry cleaning cloth.
- Poor insulation may cause a fire.

Must obey

Hip washing, women's washing, and drying require seating before use

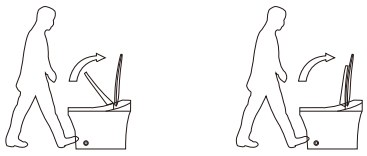
Foot sensor user guide

Note: Please read the following carefully before use

Tip: The toilet foot sensor is not sensitive to darker colors or fails to sense. It is recommended to wear light-colored socks and shoes.

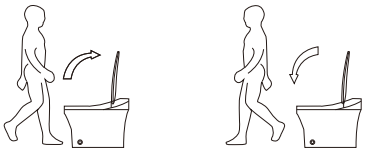
Open cover and seat by foot sensor

Close to the foot sensor, automatically open/close cover and seat (automatic flip cover)



Radar automatic flip cover version

The cover opens automatically when people get close to it. The flushing automatically starts after the person leaving the seat, and cover closes automatically after the person leaves the seat for a while



Men's urinating operation

1. Put your feet in front of the (Foot Sensor) and the toilet lid will automatically flip up.

2. Put your feet in front of the (Foot Sensor) again and the toilet seat will automatically flip up.



3. The first situation: When you finish using, the toilet seat and toilet lid will automatically close and flush 90 seconds after you leave.
The second situation: when you put your foot in front of the (Foot Sensor) , the toilet seat will automatically flip up. It takes more than 15 seconds during use. Then put your foot in front of the (Foot Sensor), the toilet seat and toilet lid closes automatically and flushes.

Instructions for using the toilet side buttons

Left button

□/	1. When you are using functions such as buttock cleaning or female cleaning or drying. Press this button to stop these functions in use. 2. When no function is in use, pressing this button can activate the toilet flushing function. 3. Press and hold this button for more than 5 seconds and the toilet will enter the shutdown state.

	Warm air drying: this function requires you to sit on the toilet seat, press this button, the toilet will automatically flush once, then start the warm air drying function, after 180 seconds, the warm air drying will automatically stop, or press the stop button.

Right button

	Buttock cleaning: This function requires you to sit on the toilet seat, press this button, (Cleaning Nozzle) will move out for buttock cleaning, press this button again, (Cleaning Nozzle) will start to move for cleaning, after 120 seconds, the buttock cleaning will stop automatically, or press the stop button.

	Female cleaning: This function requires you to sit on the toilet seat, press this button, (Cleaning Nozzle) will move out for female cleaning, press this button again, (Cleaning Nozzle) will start to move for cleaning, after 120 seconds, the female cleaning will stop automatically, or press the stop button.

Description of commonly used special functions

1. Automatically open the toilet lid - on/off setting instructions:

When you approach the toilet, the lid will open automatically. If you do not need this function, please follow the steps below to disable it: Press and hold the (Seat Cover Opening) button on the remote control. When you hear one beep (di), the automatic lid opening function is turned off. Repeat the same operation, and when you hear two beeps (di, di), the automatic lid opening function is turned on again. (If this function is disabled, you can still open the lid using the foot sensor or the remote control.)

2. Pre-rinse function (wet wall) - on/off setting instructions:

The “Pre-Rinse” function means that when someone sits on the toilet seat, the toilet will automatically release a small amount of water once to pre-rinse the inner surface of the bowl, helping to prevent waste from sticking. This function is disabled by default at the factory. If you want to activate this function, please follow the steps below: Press and hold the (Stop/Power) button on the remote control to turn off the toilet. Within 3 seconds after the toilet is turned off, press the (Front Cleansing) button on the remote control. When you hear two beeps (di, di), the Pre-Rinse function is enabled. Press the (Stop/Power) button again to power the toilet back on. Repeat the same operation,When you hear one beep (di), the Pre-Rinse function is disabled.

3. Auto-flush when leaving the seat - on/off setting instructions:

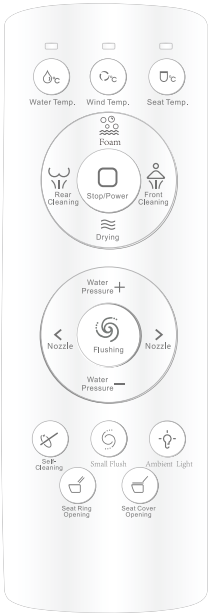
When you sit on the toilet seat and then stand up after use, the toilet will automatically flush. If you do not want this feature, please follow the steps below: Press and hold the (Flushing) button on the remote control for 3 seconds. When you hear one beep (di), the auto flush function is disabled. Repeat the same operation, When you hear two beeps (di, di), the auto flush function is enabled.

4. Automatic foam shield - on/off setting instructions:

When you sit on the toilet seat, the Foam Shield function will automatically activate. This feature is turned off by default at the factory. If you want to enable it, please follow the steps below: ress and hold the (Stop/Power) button on the remote control to power off the toilet. Within 3 seconds after the toilet powers off, Press and hold the (Flushing) button on the remote control. When you hear two beeps (di, di), the auto foam shield function is enabled. Press the (Stop/Power) button again to power the toilet back on. Repeat the same operation, When you hear one beep (di), the auto foam shield function is disabled. (If the auto foam shield function is disabled, you can still manually activate it by pressing the Foam button on the remote control.)

Remote control instructions

Note: Please read the following carefully before use



Remote Control Code:

If the remote control does not respond the first time you use it, you will need to code the remote control to the toilet. First, press the (TEST) button on the plug to turn off the power, then press the (RESET) button on the plug to turn on the power, within 5 seconds after turning on the power, Press the bottom cleaning button on the toilet side for 3 seconds. After hearing (di), press any button on the remote control. If you hear (di) again, it indicates that the remote control has been successfully paired.

Water Temp

During the cleaning process of buttocks and female, press the (Water Temp) button to adjust the water temperature of (Cleaning Nozzle). There are 4 levels of water temperature adjustment, the first level is normal temperature, the second level is 93°F, the third level is 99°F, and the fourth level is 104°F.

Wind Temp

During the process of using the drying function, press the (Wind Temp) button to adjust the drying temperature, which can be adjusted to first gear, second gear, third gear, and fourth gear.

Seat Temp

Press the (Seat Temp) button to adjust the temperature of the toilet seat. There are four settings in total. The first one is for normal temperature, the second for 93°F, the third for 99°F, and the fourth for 104°F.

Foam

When you are sitting (or not sitting) on the toilet, press (Foam) to activate the foam shield function. (Note: This function can only be used after installing the foam liquid according to the installation steps on page 16.)

Rear Cleaning

This function requires you to sit on the toilet seat, press the (Rear Cleaning) button, the (Cleaning Nozzle) will move out to clean the buttocks. Press the (Rear Cleaning) button again, and the (Cleaning Nozzle) to start moving and cleaning, After 120 seconds, hip cleaning will automatically stop, or press the (Stop/Power) button.

Stop/Power

Pressing the (Stop/Power) button can stop the operation of functions such as bottom washing, female washing and drying, Press and hold for 5 seconds to close the toilet.

Front Cleaning

This function requires you to sit on the toilet seat, press the (Front Cleaning) button, (Cleaning Nozzle) will move out to start female cleaning, press the (Front Cleansing) button again, (Cleaning Nozzle) will move to clean, and then automatically stop female cleaning after 120 seconds or press the (Stop/Power) button.

Drying

This function requires you to sit on the toilet seat, press the (Drying) button, and the toilet will automatically flush once, and then start the drying function. After 180 seconds, drying will automatically stop, or press the (Stop/Power) button.

+ Water Pressure

During the cleaning process of buttocks or female, press the (+) button to increase the water pressure of (Cleaning Nozzle), and it can be adjusted to weak, medium, strong, and strongest.

− Water Pressure

During the cleaning process of buttocks or female, press the (-) button to reduce the water pressure of (Cleaning Nozzle), and it can be adjusted strongest, strong, medium and weak.

< Nozzle

During the buttocks or female cleaning process, press this button to adjust the position of the (Cleaning Nozzle) forward. (repeatedly press the button to move the nozzle forward)

> Nozzle

During the buttocks or female cleaning process, press this button to adjust the position of the (Cleaning Nozzle) backward. (repeatedly press the button to move the nozzle backward)

Flushing

Press the (Flushing) button to activate the full flush function of the toilet.

Self-Cleaning

Press the (Self-Cleaning) button, (Cleaning Nozzle) will move out and water will come out for cleaning, and then you can use a brush or rag to clean (Cleaning Nozzle).

Small Flush

Press the (Small Flush) button to activate the half-flush function of the toilet.

Ambient Light

Press the (Ambiert Light) button to switch the RGB ambient light color. Long press (Ambiert Light) for 3 seconds to turn off the RGB ambient light and night light.

Seat Ring Opening

Press this button and the toilet seat will open automatically. Press it again and the toilet seat will close automatically.

Seat Cover Opening

Press this button and the toilet lid will open automatically. Press it again and the toilet lid will close automatically.

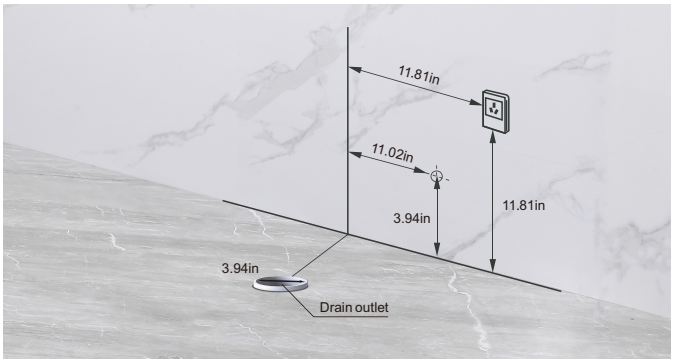
Common fault diagnosis

Note: If similar fault is found, please read the following solution or contact after sales

Fault phenomenon	Fault analysis	Fault handling
Product unavailable	Check to see if the power/socket is loose	Please check the circuit
	Whether there is leakage (the display light of leakage protection plug is not on)	Remove the power plug from the socket and replug it later. Press the reset switch of the leakage protection plug. If the toilet still cannot be operated, please unplug the power plug and entrust the repair.
No water with spray	Check if water is cut off	Pending resumption of water supply
	Check that the angle valve is closed	Open the angle valve
	Check if the inlet filter is blocked	Clean or replace the filter
	Check the inlet pipe for bends	Exclude the intake bend

Cleaning insufficient rigidity	Check whether the cleaning pressure is at the lowest level	Refer to the instruction manual for regulating the water pressure
	Check if the inlet filter is blocked	Clean or replace the filter
Spray water disorderly	Abnormal operation	Unplug the plug for one minute and then switch it back on
Water temperature is not enough	Check whether the water temperature is set low	Adjust the water temperature according to the instructions
The washer often drips water	Solenoid valve failure	Please get professional maintenance technicians
Misoperation of remote control	Check whether the battery level of the remote control is too low	Please replace the battery
Drying/seat temperature too low/no heating	Check whether the temperature is set at low or normal temperature	Adjust the temperature according to the instruction
	Check if the power saving mode is enabled	Please refer to the manual to adjust the seat temperature using the remote control.
Seat/cover falling too fast	Failure of damping drop function	Please get professional maintenance technicians
The cleaning function can not be used normally	Whether the area under the seat is clear of any objects	Remove the hard objects
	Whether the body's sensing area is covered	Adjust the body sensing area of the seat cover
	Whether the power supply is restored during the power failure	Unplug the plug for one minute and then switch it back on
	Whether your skin is in full contact with the seat's sensor area	Sensor failure, please get professional maintenance technicians
Seat/cover cannot be opened or closed *Only for automatic flip machines	Failure of automatic damping function	1. Disconnect the plug for one minute and switch it back on 2. The above treatment is invalid, please ask professional personnel for maintenance
Low water pressure does not flush clean	Filter mist blocking	Clean the filter according to the instruction
	Pipe bending	Observe whether the connection line bends and keep the water supply line smooth
No siphon flushing is not clean when water pressure is norma	Air escapes from the sewage outlet	Please get professional maintenance technicians
	The S-bend is blocked	Please buy water pipe dredger in the market for dredging
Poor flush performance with normal water pressure	Flush valve failure	Ask professionals for maintenance

Installation steps for smart toilet



The confirmation of the installation environment.



1. The confirmation of the installation environment: The measurement distance is 11.81 in or greater.



2. Place the fixed disk into the drain outlet and mark the screw hole positions.



3. Take off the fixed disk and drill four holes for screws.



4. Put the screws into the holes.

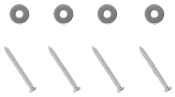
Corresponding to the following accessories/quantities:





5. Place the fixed disk into the drain outlet and tighten the screws to secure it.

Corresponding to the following accessories/quantities:

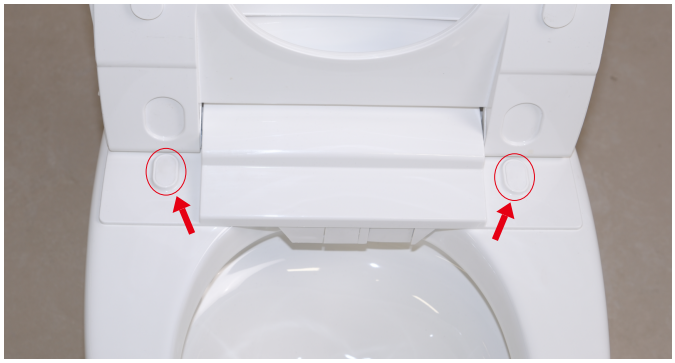




6. Install two long screws as shown in the picture below.

Corresponding to the following accessories/quantities:





7. Remove these two lids.

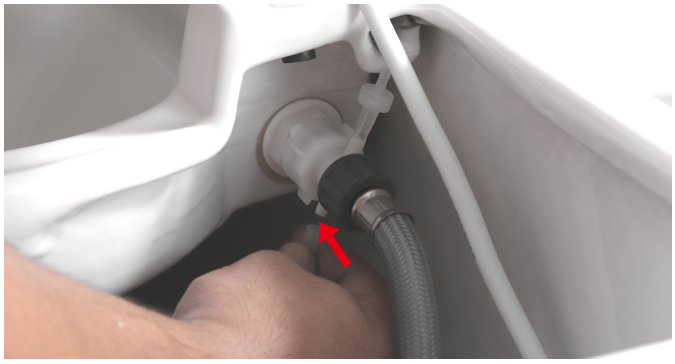


8. Remove these two screws.



9. Raise the toilet seat.





10. Remove the entire toilet seat cover, unscrew the hose, the transparent tube and the black wire.



11. Gently turn the toilet over to access the base and install the flange ring.



12. Apply a layer of silicone sealant to the base of the toilet.
(The silicone sealant adhesive in the picture needs to be purchased by oneself.)

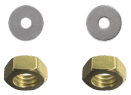


13. Move the toilet to the location where it will be installed.

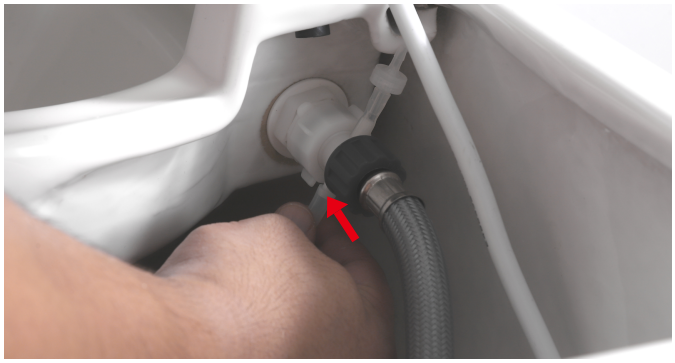


14. Make sure two holes in the bottom of the toilet align with the two long screws in the fixed disk, then install it.

Corresponding to the following accessories/quantities:







15. Put the toilet lid in the toilet, reconnect the hose, the transparent pipe and the black wire.

Important: When reconnecting the hose, be sure to tighten it securely. If it is not fully tightened, water leakage may occur.



16. Reattach the lid to the toilet.



17. Reinstall and fix the positioning screws and the decorative cover.



18. Apply some silicone sealant to fix the toilet and insulate the outside dirt from entering.
(The silicone sealant adhesive in the picture needs to be purchased by oneself.)

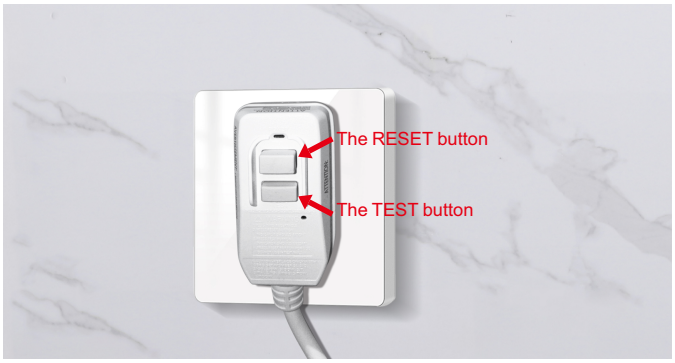


Our supplied four-piece angle valve kit is suitable for 1/2" non-threaded copper pipe (water pipe).
If you have already installed your own angle valve and its connection size is 3/8" male thread, please install the included 3/8" female x 3/4" male adapter. For the installation method, please refer to the separate angle valve installation manual.



19. Finally connecting the flexible tube to the inlet angle valve and turn on the angle valve switch.

Attention: The above installation steps are universal for all models of toilets and are only for your reference during installation. if you find that the details in the pictures do not match the actual product, please ignore them!



20. Plug in the power supply, press the (RESET) button forcefully. Release the button when you hear a (di) sound. If the toilet display remains constantly on, it indicates that the power has been successfully turned on. Press the (TEST) button to turn off the power.

Battery replacement and installation

If the equipment is powered off, you can install a spare battery and discharge it. Note: If the spare battery runs out, you can purchase a 9-volt battery and replace it by following the installation steps below.
(When installing the toilet for the first time, a spare battery needs to be installed.)



Step 1. Put the 9-volt battery into the battery box.



Step 2. Cut off the power supply and find the power outage flushing wire interface behind the toilet.



Step 3. Connect the 9V spare battery to the toilet's connection cable and place the battery in a dry area behind the toilet.

Attention: install a backup battery for flushing during power outages. Press and hold the flush button on the side of the toilet for 3 seconds to flush it.

Foam liquid replacement and installation



Step 1. Push the back cover of the toilet out to the back and pick up the back cover of the toilet.



Step 2. Remove the connecting tube of the foam bottle.



Step 3. Fill an empty bottle with tap water, and then put the effervescent tablets into the bottle to dissolve.

If you use up this bottle of foam solution, you can purchase a separate concentrated foam solution or take detergent to water to replace it.



Step 4. Connect the filled foam bottles and tighten them before putting them into the empty slot.



Step 5. After the accessories are installed, reinstall the back cover of the toilet to its original position.

Product standard

Dimensions	68*39*44CM		
Rated voltage	Alternating voltage 110V±10%, 60HZ		
Rated power	Water inlet temperature: 59°F Outlet water temperature: 104°F Water discharge: 750ml/min Power: 1350W		
Cleaning	Water outlet	Hip cleaning	About 700 ml/min
		Female cleaning	About 700 ml/min
	Outlet water temperature		Normal temperature, and 93°F/99°F/104°F(4 levels)
	Water heating		Instant water heater
	Heater power		Water inlet temperature: 59°F Outlet water temperature: 104°F Water discharge: 750ml/min Power: 1350W
Seat heating	Seat temperature		Normal temperature, and 93°F/99°F/104°F(4 levels)
	Heater power		45W
Warm drying	Wind temperature		Normal temperature, and 113°F/122°F/131°F(4 levels)
Spray position			Adjustable fore and aft
Water temperature			41~104°F
Water pressure (without water tank)			Water pressure requirements: 0.15-0.75Mpa (static pressure), that is, filling 5L of water in 15 seconds means that the water pressure is sufficient.

For any questions or support, please email: [customerservice@hkfoam.com]

Due to different printing time of the materials, the product specifications may be slightly changed.
Please refer to the material object.