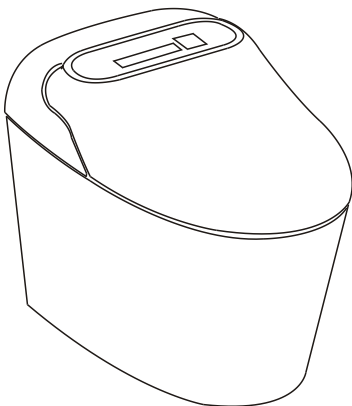


# Instruction Manual

## Product model:

- ◆ Thank you for purchasing this Cascade Showers product.
- ◆ Please read this manual carefully before use and retain it for future reference.



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### Operations

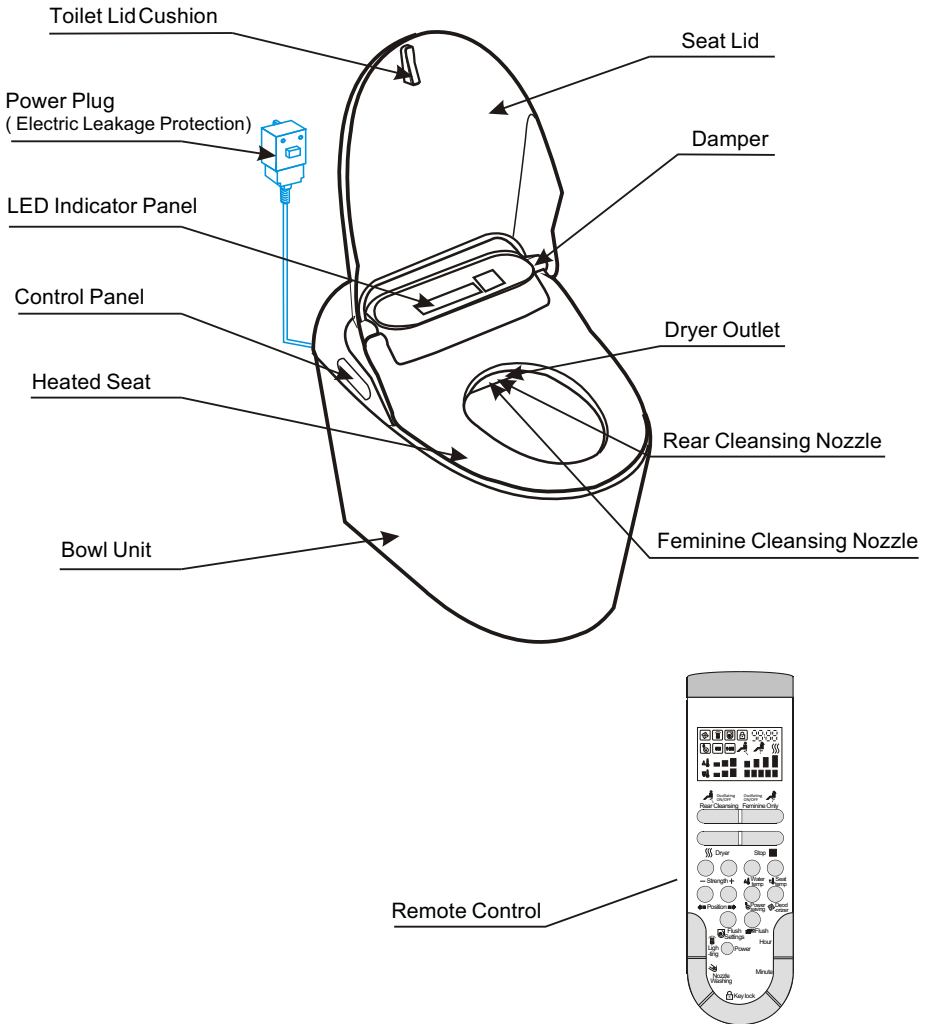
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# Overall Sketch



## Notice:

Please note specifications in the manual subject to change without notice in accordance with our policy of continuous product improvement.

# Safety Precautions

The precautions are important for safe usage. Be sure to follow them and use the product correctly in case of serious injury or property damage.



## WARNING

Improper operations by ignoring the instructions may result in death or serious injury.



Never attempt to disassemble, repair, or alter the product yourself.

- ◆ Doing so may cause a fire or electric shock.
- ◆ It shall be operated by a registered professional technician.
- ◆ Please contact manufacturer service center of authorized professional technician if any damage to power cord.



Never get any water on the top unit. Please keep the equipment away from shower room and ensure good air flow through the bathroom.



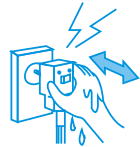
Please check that an appropriate ground is installed in case of electric leakage or electric shock.

- ◆ Please ask a qualified electrician or service personnel for grounding installation.



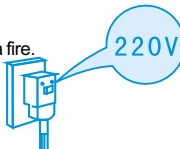
Do not touch the electrical outlet with wet hands.

- ◆ Keep the power plug dry.
- ◆ Never touch the plug if it gets any water on it.



Do not use any power supply other than AC 220v.

- ◆ Doing so may cause a fire.
- ◆ Doing so may cause malfunctions.



Do not use a loose or faulty electrical outlet. Does not strike, yank, twist, excessively bend, damage, or alter the electrical cords. Also, do not place anything heavy on, bind or pinch the cords.

- ◆ Doing so may cause electric shock or a fire.





## WARNING

Improper operations by ignoring the instructions may result in serious injury or property damage



Do not stand on the top of toilet lid, seat, or other units. Also, do not sit on the lid.

- ◆ Doing so may result in damage or malfunctions.



Do not open or close toilet seat or lid roughly.

- ◆ Doing so may result in cracking or electrical leakage.



Do not crush or bend water supply hose.

- ◆ Doing so may result in water leakage or no water supply.



Do not install or place remote control where water might be splashed on the equipment.

- ◆ Doing so may result in malfunctions of remote control.



Be aware of irritation or burn.

- ◆ When sitting for a long time on the toilet seat, please switch off the toilet seat temperature adjustment to "OFF".



Be aware of the damage in case of freezing.

- ◆ Frozen water pipes may cause the inside of the equipment and the pipes to break, resulting in water leakage.
- ◆ Pull the electrical plug from the outlet and close the water shutoff valve when not at home for a long time to prevent the damage due to freezing.



Do not place the heater or stove close to the toilet

- ◆ Do not expose the toilet to the direct sunlight, as this may cause discoloration or malfunctions.
- ◆ Sometime may result in discoloration of plastics. Please do not stick a finger or anything else into the warm air outlet.
- ◆ Doing so may cause damage to the product



Keep cigarettes, ashtray and other open flames from the product because some parts of the product are made of plastics.

- ◆ Do not throw lighted cigarettes and other flaming material into the toilet as this may cause a fire

Declaration: In the event that accident occurs as a result of improper usage, company will assume no responsibility.

## Introduction to functions

Functions	Introduction
Rear cleansing	Provide rear cleansing
Rear oscillating cleansing	Move the nozzle back and forth for rear cleansing
Feminine cleansing	Provide cleansing by feminine wash nozzle with a gentle spray
Feminine oscillating cleansing	Move the nozzle back and forth with a gentle spray
Adjusting water position	Adjust the desired washing positions
Changing the temperature	Set the temperature of seats and water
Changing the water pressure	Change cleaning water pressure based on needs
Seat sensor	Detect the presence of a user and get the cleansing functions ready to operate
Heating seat	Heating the toilet seat to keep warm and comfortable during cold winter months
Drying	Dry the users after cleansing
Changing drying intensity	Control the temperature of warm air from the dryer
Adjusting the air outlet position of dryer	Set the position of air outlet based on needs
Remote control flushing	Remote control bowl unit cleaning based on needs
Auto flushing	Auto bowl unit cleaning after users walker away
Deodorizer	Removing odors
Deodorizer switch	Open and close deodorizer
Power switch	Turn power on and off
Saving energy	Saves electricity
Soft night light	Preparations for insufficient light
Washing nozzles	Provide nozzle cleansing
Anti-collision with silence	Install damper inside to close gently
Smart remote control	Allow the user to operate the toilet from a comfortable position
Time setting	Time setting
Keylock	Lock remote control panel in case of improper operation

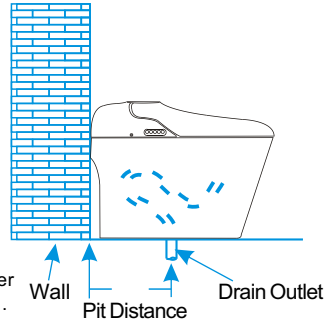
# Installation Instructions

## ◆ Install the Toilet ◆

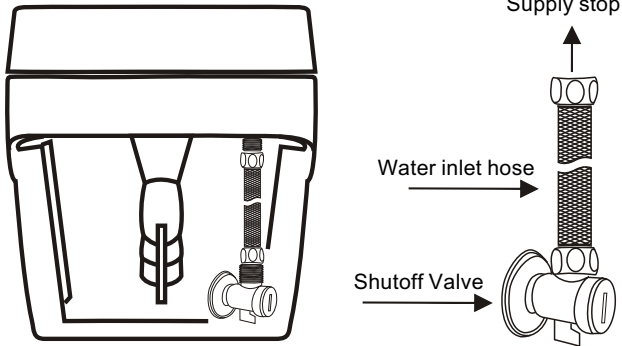
### ※ Before you begin

Please check that walls and floors in the toilet room are finished construction and there is enough space pre-arranged for sewage, electric wires and water lines. Also please confirm the distance from the closet flange centerline to the fished wall fits for the pit length. And the water supply pressure should be within a range of 0.1MPa (dynamic)-0.75Mpa (static). While the water supply temperature should be within a range of 5°C-35°C.

Notice: Please confirm the water inflow is greater than 18l/min, otherwise it may not be performed.



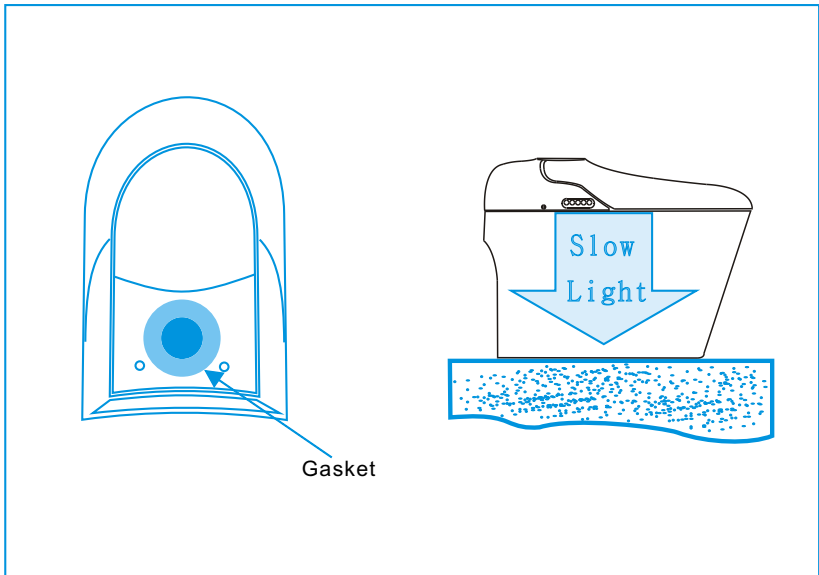
### ※ Install the Water Supply



## ❖ Install the Water Supply

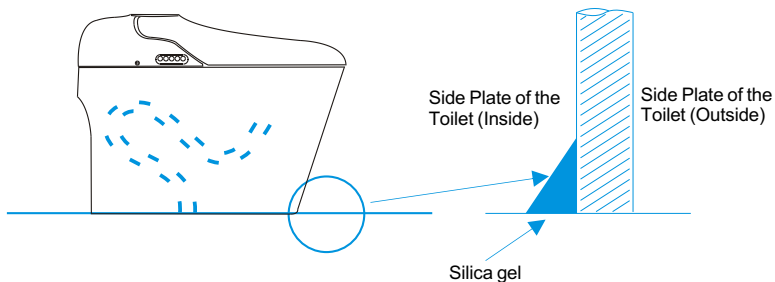
1. Connect the valve with supply stop before install the toilet.
2. Open the valve to flush the water and remove all the debris from the water supply line.
3. Connect the valve with inlet hose.
4. Open the valve to check water leakage in all parts.

## ❖ Position the Toilet



## ❖ Install the toilet

1. Confirm the floor is clean and the drain pipes are not blocked with any debris.
2. Install the gasket/wax ring evenly around waste flange/drain outlet
3. Position the toilet (floor flange) aligns the drain hole to completely seal between the gaskets and drain hole.
4. Coat silica gel around the bottom of the toilet (As below Picture)
5. Clean the floor and the tools. Do not use the toilet and keep it away from water in 24 hours. (It usually takes 24 hours for silica gel to solidify.)



### Installation and Operation Precautions

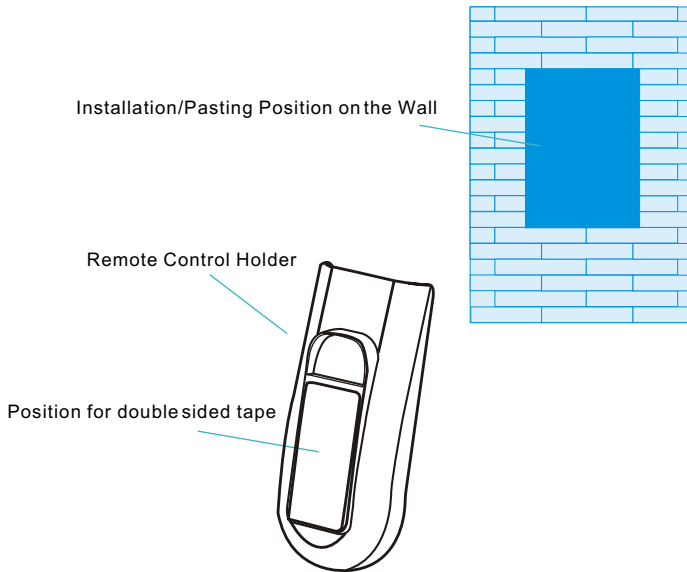
1. Do not get toilet with cement or mortar inside as this may cause cracking due to the condensation and expansion when installation.
2. Do not flush things that get toilet clogged easily, such as newspaper, diapers, and sanitary napkins.
3. Do not use the toilet under 0°C otherwise it may result in ceramic shell cracking because of the expansion when water congeals into ice.
4. Do not strike the ceramic shell in case of damage or water leakage.
5. Clean the ceramic surface by nylon brush and soap-suds or neutral cleaning agent. Do not use steel brush and strongly corrosive liquids as it may damage the surface and corrode pipes.

Declaration: Damages due to improper installation or operation, company will assume no responsibility.



## ◆ Install the Remote Control Holder ◆

■ Please check below picture for installation instructions



### Installation Method:

Stick the double sided tape onto the backside of control holder and wall for position and installation

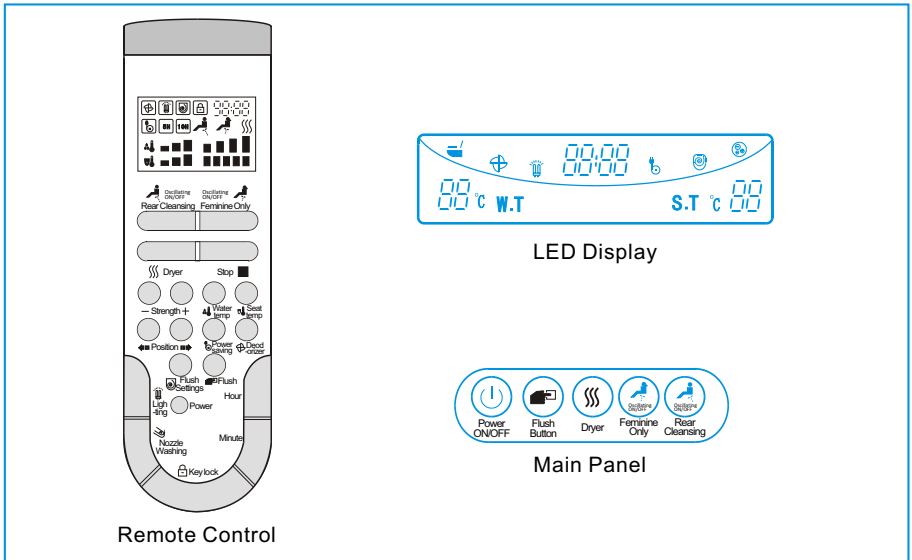
Notice: Clean the installation position before pasting and press the tape down fully and evenly when positioning. While after pasting, do not touch the holder within 15 minutes.

Attention: Please clean the installation position and ensure there is no water, dirties, or something uneven as this may affect the pasting.

# Operations

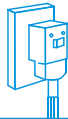
## ◆ Remote Control Unit

It is designed to be operated by remote control. Please choose remote control prior to mainframe control when using. Please note below picture is only for illustration that how LED displays in full screen, not the actual interface.

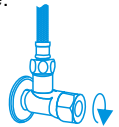


## ◆ Preparations before Use

1. Confirm power plug is well plugged into the electric outlet and the indicator light is on.



2. Open the shutoff valve.



3. Insert the battery into remote control and switch on.

4. Press the Power Button on the panel or turn on the power by remote control; also confirm power LED on the toilet is on otherwise it cannot be operated.



## ◆ How to use the basic functions

### 1. Sit on the seat

Seat Sensor responds automatically when sitting on the seat  
 Seat Sensor indicates, namely, the colon in the middle of time settings in LED display flashes  
 Nozzle cleans itself once  
 Deodorizing starts when deodorizer activates automatically



### 2. Rear cleansing

Rear cleansing (Icon as below displays in the screen)



### 3. Feminine cleansing

Feminine cleansing (Icon as below displays in the screen)



### Oscillating Cleansing

Press the button  or  to start

cleaning; Press the button a second time to start oscillating; Press again to stop oscillating, then start cleaning, and so forth.

### 4. Spray Strength Button

The water pressure can be adjusted to any of the 4 levels by the buttons




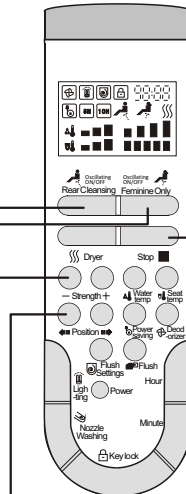
### 5. STOP Button

Stop rear cleansing and feminine cleansing once press the button. Also it will stop automatically in 2 minutes without pressing the button.  
 (Icon as below disappears)





### 6. NOZZLE POSITION Button


The nozzle position can be adjusted to any of 5 levels by . Select the position as desired. (As the icon on the bottom right corner in the screen)




## 7. Time Setting

Press  to set the hour from 0 to 24. Press  to set the minute from 0 to 59.


## 8. Dryer Function

Warm air is blown to dry the area washed by the shower. (The icon  displays on the top left corner of the screen)


## 9. Oscillating Dryer

When drying, press to  dry, and then press a second time to transfer into oscillating mode; again press the button into dry mode, and so forth.


## 10. Dryer Temp. Button

The temperature can be changed to any of 4 level by . (Icon displays on the top left corner of the screen)

## 11. Dryer Outlet Position Button

When drying, press  to choose any of 5 levels as desired. (Icon displays on the top right corner of the screen)  
Notice: Position cannot be changed when in oscillating drying mode.

## 12. Self-Cleaning Nozzle

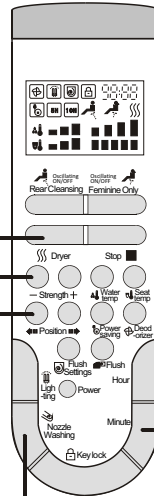
Press  by remote control, and then wash the nozzle

\*Self-cleansing Button is available when no one sits on the toilet.

\*It will clean the nozzle automatically before rear cleansing and feminine cleansing.


## STOP Button

Turn dryer off. Also it stops automatically in 4 minutes without pressing the button. (The icon in the screen disappears)



### 13. Water Temp. Button


Press  to set the temperature to any of 4 levels.

When choosing the first 3 levels, water is heated based on the settings and Water Temp. LED indicator lights on. Water won't be heated under room temperature mode. Every time press the button, water temperature will be changed to another level as LCD indicates. 

Level 1: 33°C Level 2: 36°C Level 3: 39°C

### 14. Seat Temp. Button

Press  to set the temperature to any of 4 levels.


When choosing the first 3 levels, the seat is heated based on the settings and Seat Temp. LED indicator lights on. The seat won't be heated under room temperature mode. Every time press the button, the seat temperature will be changed to another level as LCD indicates. 



Level 1: 33°C Level 2: 36°C Level 3: 39°C

#### Reminder

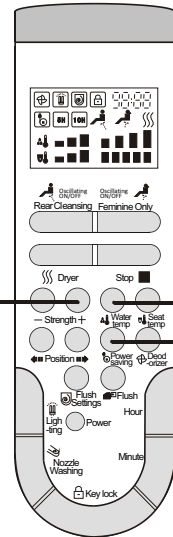
When the Temp. Indicator on the remote control and the indicator on the bowl unit both light off, the two functions cannot work.

### 15. Deodorizing Function

Press  to start the function. When someone sits on the toilet, it starts to work automatically.

Press  again to stop it. This button can be switched on or off to start or stop deodorizer as it displays in the LCD. 



When deodorizer starts, the icon of deodorizer lights on in the LED screen.




#### Reminder

The deodorizer function stops temporarily while the drying function is being used. And it starts automatically when dryer stops. The deodorizer automatically stops 1.5 minutes after the user stands up.





## 16. Power Button

Press  on the remote control to turn off the power. Press  again to turn on the toilet as the indicator lights up in the LED screen.



## 17. Flush Button

Press  to flush the toilet.

## 18. Auto Flush Function



Press  to activate auto flush function. The toilet is automatically flushed when the users stand up. And the LCD screen of the remote control shows . Press the button a second time into a powerful auto flush function and the icon  flashes in the LCD screen. Press a third time to stop the function. In this way, runs back and forth. When it transfers into auto flush mode, the indicator displays .

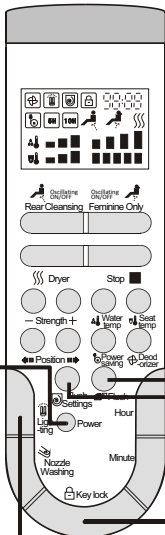
## 19. Key Lock

Press  to lock the other keys of the remote control and it shows  on the LCD screen. Press again to unlock the keys.



Reminder: Lock the remote control in case of improper operations by children. While locked, keys on the panel of the toilet still work.

## 20. Lighting Function

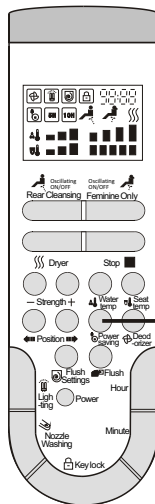
Press  to turn the light on. And both the indicator on the LCD of the remote control and LED screen of the toilet display . Press again to turn off the light.



## 21. Power Save

Press  to turn Power Save on/off. When turns on, the toilet will be into power saving mode in 1.5 minutes and the indicator  lights up. When in auto power saving mode, seat temperature will maintain in 25 degrees until the toilet operates.

Reminder: Press Power Button to turn off the power and reduce energy consumption. Turn power on 2 minutes earlier before using the toilet.



## 22. Control Panel on the toilet bow

It is used as the secondary way to control the toilet and it is a little different from the remote control.

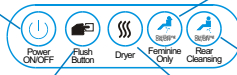
Control the power of the toilet

Press the button to start Feminine Cleansing;  
Press again to stop the function

Press the button to flush once

Press the button to start Rear Cleansing;  
Press again to stop the function

Press the button to start Drying Function;  
Press again to stop the function









## 23. Buzzer

Buzzer
Buzz once: Normal operation-receives instructions from the buttons or the remote control
Buzz twice: Auto operates when users stand up
Buzz three times or above: Indicates malfunction or disorders. Buzzing intervals depends.

## 24. LED Display



LED	
Power Indicator	Long light indicates power on.
Seat Temp. Indicator 	When seat is heated, temperature is displayed by figures. When malfunction occurs, it turns to alphabet. When it displays F, it means the temperature is too high. When it displays E, it means disconnection of Seat Temp. Sensor.
Water Temp. Indicator 	When water is heated, temperature is displayed by figures. When malfunction occurs, it turns to alphabet. When it displays F, it means the temperature is too high. When it displays E, it means disconnection of Water Temp. Sensor.
Power Save Indicator	When it is in power saving mode,  indicator is constant on.
Deodorizing Indicator	When it is in auto deodorizing function,  indicator is constant on.
Soft Light Indicator	When it is in soft light function,  indicator is constant on.
Auto Flush Indicator	When it is in auto flush function,  indicator is constant on.



## ◆ Trouble Shooting ◆

In many cases, problems can be easily solved. Please check the following items before placing a service call.

TROUBLE	POSSIBLE CAUSE
Press Power Button but no functions operate	Electric leakage protection plug is not powered.
The remote control doesn't operate or is not sensitive	Please check if the batteries are low or already dead.
Poor or sluggish flush	Please check if the supply water pressure is too low or the filter is clogged.
No response when pressing the key	Some acts are mutual exclusive; Some keys activate under certain conditions; Please refer to the instruction manual carefully.
Water flows out around the nozzle	It is normal that there's water around nozzle before or after cleansing, or restarting the equipment.
Water cannot be sprayed from the nozzle tips	Water supply is cut off temporarily; Shutoff valve is closed; Some debris blocked the nozzle or the filter
Water leakage	Shutoff valve, water supply hose and water separator are not well connected
Seat, water, or dryer's air is not warm enough	Please check the settings of the temperatures.

## Cleaning and Maintenance

### ● Cleaning the Toilet Bowl

- ◆ Do not use corrosive solvents to clean the outside of the toilet, such as banana oil, benzene, decolorizer, cleaner, and diluter. Also do not use water to rinsing the equipment as this may cause short circuits, resulting in a fire.
- ◆ Pull out the plug before cleaning in case that plug or the outlet gets wet by water.
- ◆ Scrub the bowl unit gently by soft cloth. If it is very dirty, get the cloth wet and clean the unit by neutral agents.

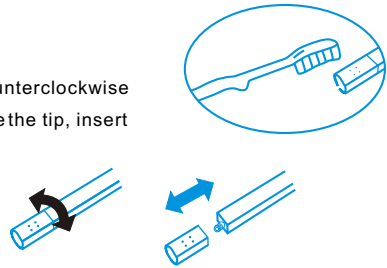
### ● Cleaning and Maintenance the Nozzle

- ◆ Press Nozzle Cleaning Button and water sprays out. Press the button a second time then the rear nozzle extends and press again, feminine nozzle extends too. Clean the nozzles with brush.

#### ◆ Replacing the Nozzle

Hold the frontend of the nozzle tip and turn it counterclockwise when nozzle extends. Then pull out of it. Replace the tip, insert it into the nozzle and turn it clockwise.

\*\*Do not force the nozzle tip out or bend it.

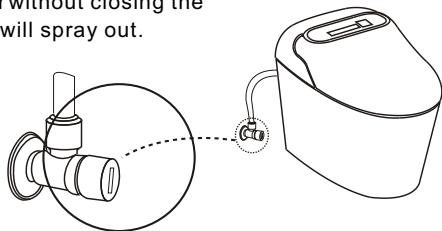


### ● Cleaning the filter

When the water pressure is too low or insufficient, please clean the filter.

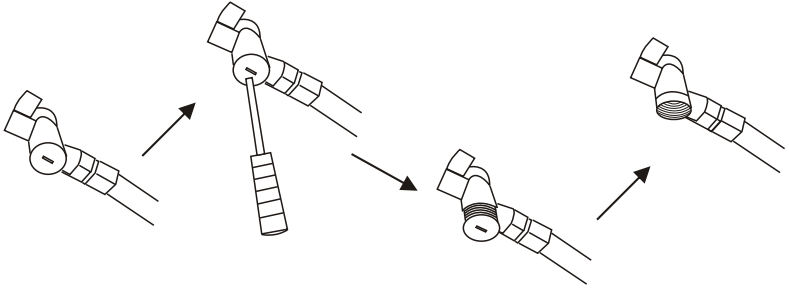
#### 1. Close the shutoff valve and stop water supply.

Notice: Do not remove the filter without closing the shutoff valve. otherwise water will spray out.



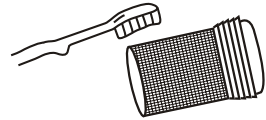
## 2. Remove the filter.

Unscrew the cover of the filter by straight screwdriver or one-yuan coin and then pull out the cover as below:



## 3. Clean the filter.

Get the filter out and clean it thoroughly.  
Flush off dirt or clean the filter by toothbrush.



Notice: Do not use any cleaning agents. Clean it with water only.  
Do not crush the filter when cleaning in case of distortion.

## 4. Reattach the filter

Reinstall filter based on the removal sequence.

Notice: Do not open the shutoff valve before confirm there's no water leakage after installation.

## ● Replacing the Remote Control Batteries

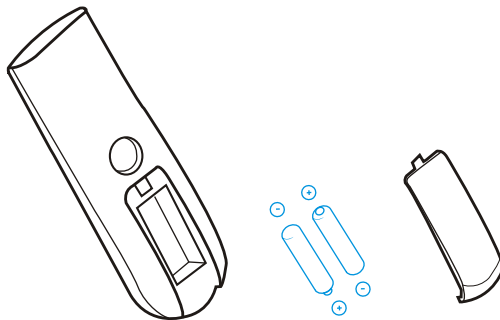
- ◆ Place the batteries with new once when the remote control is not sensitive or doesn't work.

Notice:

Place the batteries correctly. The terminal with spring is negative.

Do not use new batteries with old one.

Please use alkaline batteries.



## Specifications

Rated power supply	AC 220V 50HZ
Rated power consumption	1680w (When the inflow water is 5 degrees, set the outflow temperature and strength to the maximum.)
Power cord length	1.5m
Cleansing and Flushing	
Water pressure range	0.1Mpa(dynamic)-0.75Mpa(Static) ( flow volume is no less than 18L/min)
Water pressure adjustment	Adjustable in 4 levels
Water Temp. Adjustment	Adjustable in 4 levels: 33℃, 36℃, 39℃ (Room Temperature)
Heater Capacity	1600w
Safety Device	Temperature control system; Over-heated protection mechanism; Over-dried protection mechanism; water and electricity isolation system.
General cleansing flow rates	0.5-0.9L/min(Minimum required water pressure:0.15Mpa)
Feminine cleansing flow rates	0.5-0.9L/min(Minimum required water pressure:0.15Mpa)
Seat Heating	
Heater capacity	45w
Surface temperature	Adjustable in 4 levels: 33℃, 36℃, 39℃ (Room Temperature)
Safety device	Temperature control system; Over-heated protection mechanism
Warm Air Dryer	
Heater capacity	350w
Warm air temperature	Adjustable in 4 levels from 32℃ to 62℃
Safety Service	Temperature Reset Switch/Temperature fuse
Deodorizer	
Power consumption	3w
Method	Chemical absorption by deodorizer cartridge
Weight	40kg
Dimensions	690X420X513(mm)

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## ◆ Packing List ◆

Dear Customers

Please confirm all parts below are included when you open the box:

1 Toilet

1 Instruction Manual

1 Gasket

1 Water supply hose

1 Shutoff valve

1 Remote control

2 Sections of 7<sup>th</sup> batteries

1 set of spare nozzles



