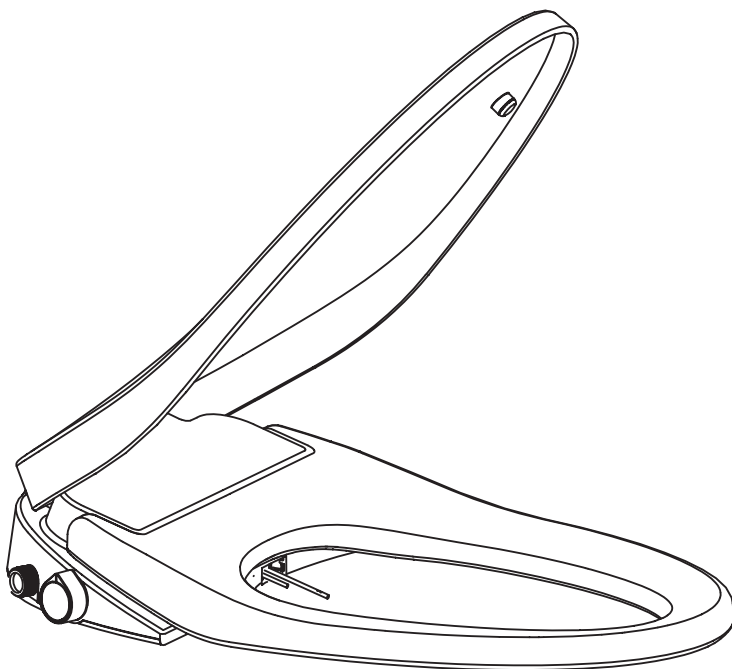


INSTALLATION INSTRUCTIONS & USER MANUAL

progetto
DESIGN COLLECTION

EVO BIDET SHOWER TOILET SEAT | EV105



IMPORTANT!

Please read these instructions **prior** to installation

Distributed by:

Plumbline

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www.plumblin.co.nz

General Installation Instructions

Please carefully check the bidet shower seat prior to installation to ensure it has not been damaged during handling or transport, and check that all parts have been supplied.

We suggest you keep this manual after reading/installation for later reference.

Due to the continuous improvement of our products, details are subject to change without notice. The illustrations in this manual are only schematic diagrams, please refer to the actual product for further detail.

Please also read this manual carefully before using for the first time so that you are familiar with the functions, safety notes and user precautions.

Warranty Information

Two (2) Year warranty from date of purchase.

Plumblin will undertake to replace free of charge any faulty product due to defects in materials or workmanship within the warranty period from date of purchase. Proof & date of purchase must be retained and provided with any warranty claim and Plumblin (or their approved retailer) reserve the right to assess, repair, replace or service any product as they see fit and replacements may be an equivalent to the original product. Plumblin (or their approved retailer) reserve the right to assess, repair, replace or service any warranty claims as they see fit.

Above warranties apply to products installed in residential dwellings and light commercial installations such as apartments, rest homes & hotels. Products used in commercial applications, and labour & parts warranty time periods may differ from above replacement product warranties. Please refer to our website for full terms & conditions www.plumblin.co.nz/warranty-information.

The above warranties do not include consequential loss or damage due to the product.

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Read the safety instructions carefully before use so as to use the bidet seat correctly.
Note the following warnings relevant to safety



Warning



Prohibited



Mandatory



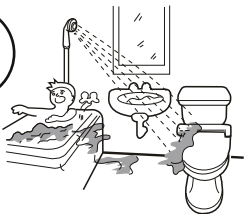
Note

Failure to observe the above-mentioned warning signs may result in injury or life-threatening risk.



Avoid splashing water on the bidet seat

Splashing may result in fire or electric shock.



Grounding

Check that the power supply is grounded

Power supply must be grounded, or otherwise product failure or electrical surge may occur.

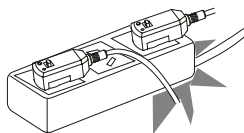
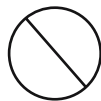


Compulsory

Please observe the following when replacing the power cord:

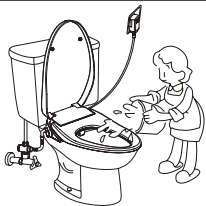
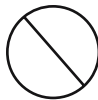
If the power cord is damaged please replace it immediately.
Only an authorised technician or electrician can replace the power cord.





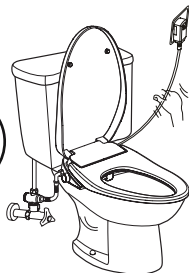
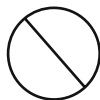
Only use a suitable power outlet socket. Excessive loads on multi-outlet powerboards is strictly prohibited.

May result in overheating or fire.



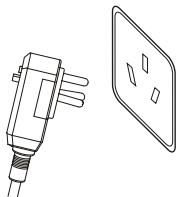
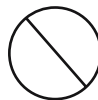
Ensure that no water, cleaning chemical or urine comes in contact with the power plug.

May result in fire or electric shock.



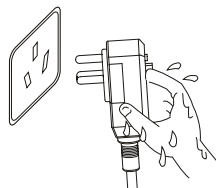
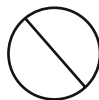
Do not pull on the power plug/ power cord.

May result in fire or electric shock.



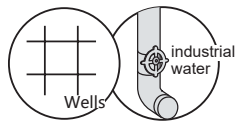
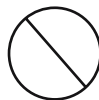
Do not use if socket is loose.

May result in fire or electric shock.



Do not touch the power plug with wet hands.

May result in electric shock.



Do not connect to a substandard water pipe

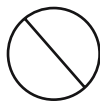
May result in skin infections or product damage.



Only use the new hose sets supplied with the bidet seat.

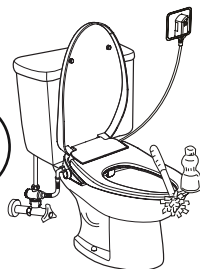
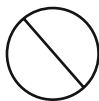
Do not use any old hose or any other hose than what is supplied.

Water supply pressure: 0.1-0.75Mpa



Do not disassemble, repair and modify without authorization.

May result in fire or electric shock.



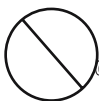
Always unplug the power supply when cleaning the bidet seat.

May result in electric shock.



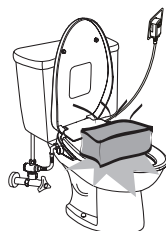
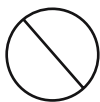
Do not use cigarettes or other combustible items near the bidet seat.

May result in fire.



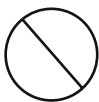
Do not bend or twist the water supply hose.

May result in water leakage.



Do not place heavy objects on the toilet seat or the toilet seat cover.

May result in product damage.



Do not invert product

May result in product damage.



Please clean with a non-abrasive cleaning agent.
Do not use the following items: benzene, paint thinner, detergent powder, nylon brush, etc.

May result in product damage.



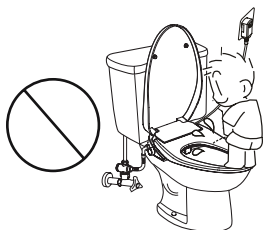
Do not place this product in direct sunlight.

May cause product discoloration and failure of seat heating function.



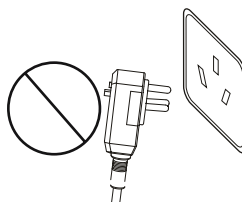
Ensure room temperature is above 4°C.

If temperature is below 4°C water supply can freeze.



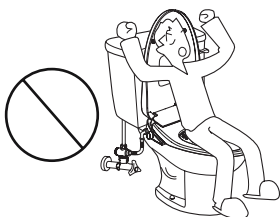
Do not shower urine on the bidet body and nozzle.

May result in blockage.



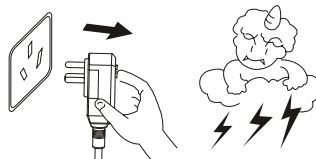
Do not use a substandard power supply.

May cause bidet seat failure.



Do not lean against the toilet seat lid when in use.

May cause damage to the lid.



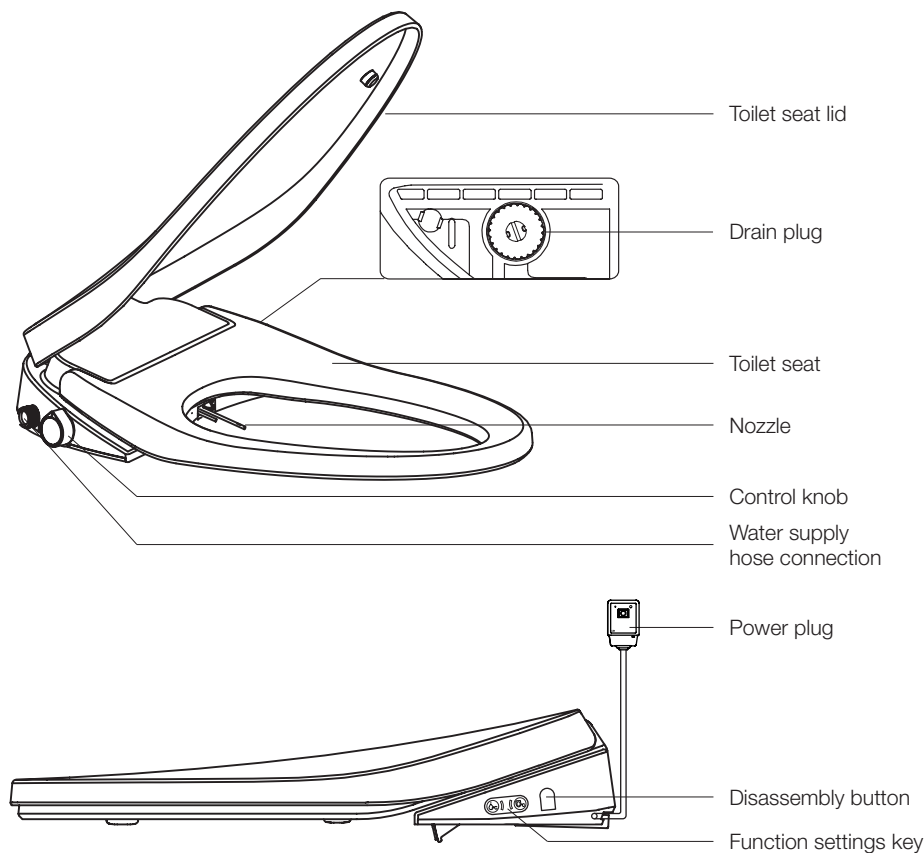
Pull out the power plug when lightning strikes.

May result in product failure or damage.



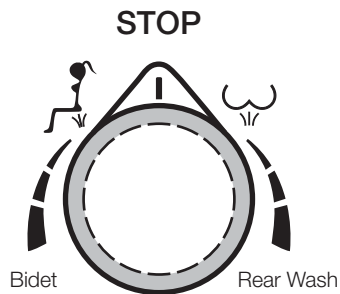
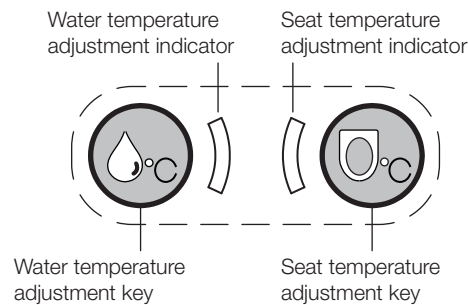
When not in use for a long time, drain the stored water and pull out the power plug.

May result in water pollution and skin infections.

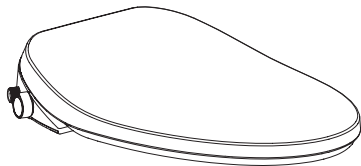


Function Settings Key

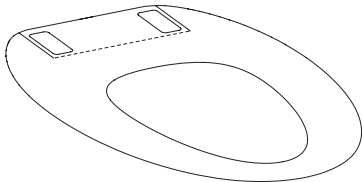
Control Knob



1. Bidet Shower Toilet Seat



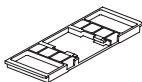
2. Installation template



3. Mounting fittings



Screw (2)



Fixing bracket (1)



Expansion bolt (2)

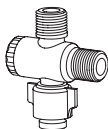


Adjustment plate (2)



Nut (2)

4. T-junction with filter



5. Water inlet hose



Filter screen

3. Installation instructions



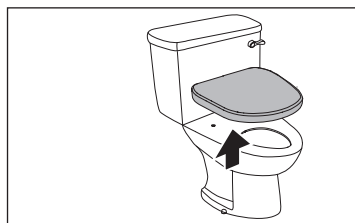
Installation Tools



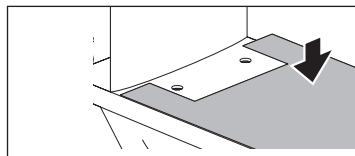
Pre-Installation Precautions

1. Water supply pressure: 0.1-0.75MPa, please follow the instructions.
2. Ensure the angle valve is installed close to the bidet seat water inlet location.
3. Before any hoses are connected to the angle valve firstly flush it out to clear impurities and sludge that may have been embedded in the pipe prior to/during installation.
4. Only use the new hose sets supplied with the bidet seat. Do not use any old hose or any other hose than what is supplied.

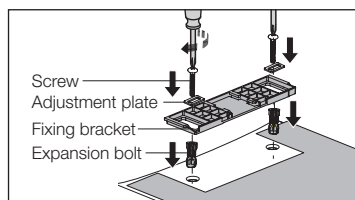
Installation Procedure



1. Remove the existing toilet seat.



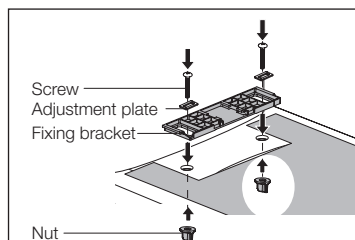
2. Place the installation template on top of the toilet as shown. Align it with the rim of toilet.



3A. For toilets with closed sides

Install mounting fittings as follows:

1. Insert the expansion bolts into the holes on the toilet, and place the fixing bracket in the notched out part of installation template.
2. Place the stainless steel adjustment plates in the mounting groove, align the expansion bolts and tighten the screws.

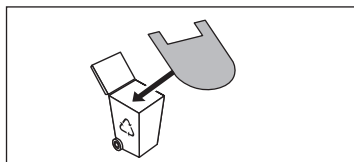


3B. For toilets with open sides

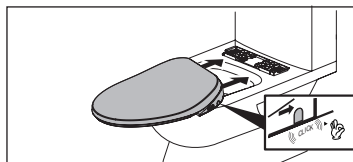
Install mounting fittings as follows:

1. Place the fixing bracket in the notched out part of installation template.
2. Place the stainless steel adjustment plates in the mounting groove, align the holes on the toilet and place in the screws. Screw on the plastic nuts from the underside of the toilet.

Note: choose installation method 3A or 3B depending on toilet design



4. The installation template is designed for one-time use. Please discard it after the installation is completed.



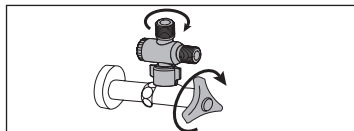
5. Slightly push the bidet seat into the fixing plate in the specified direction until a “click” sound is heard, indicating that the bidet seat has been installed in place.



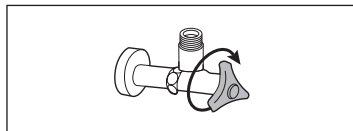
Do not install/un-install the bidet seat by holding just the toilet seat lid.
Doing so can cause mechanical failure.

Connecting the Water Inlet Hoses

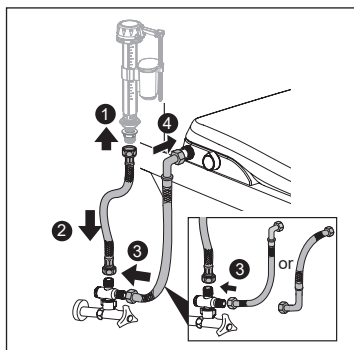
Note: there are two methods of water connection



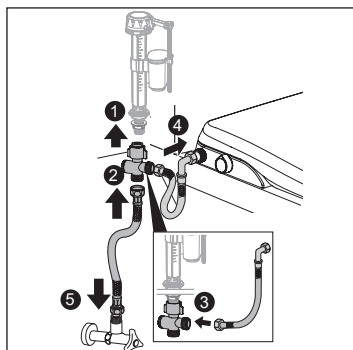
- 1A. Close the angle valve and fix the T-junction to the angle valve. Ensure that the rubber sealing ring is loaded.



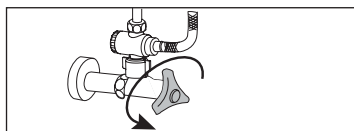
- 1B. Turn off the water supply.



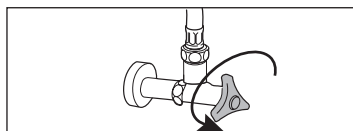
- 2A. As shown above, connect the water supply hoses to the bidet seat and inlet valve. Ensure that all the sealing rings are loaded.



- 2B. As shown above, connect the water supply hoses to the bidet seat and inlet valve. Ensure that all the sealing rings are loaded.

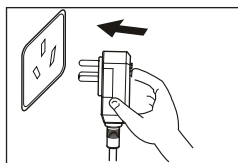


- 3A. Turn on the water supply and check for any water leaks.



- 3B. Turn on the water supply and check for any water leaks.

Connecting the Power



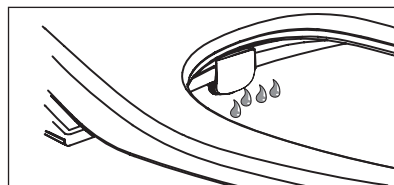
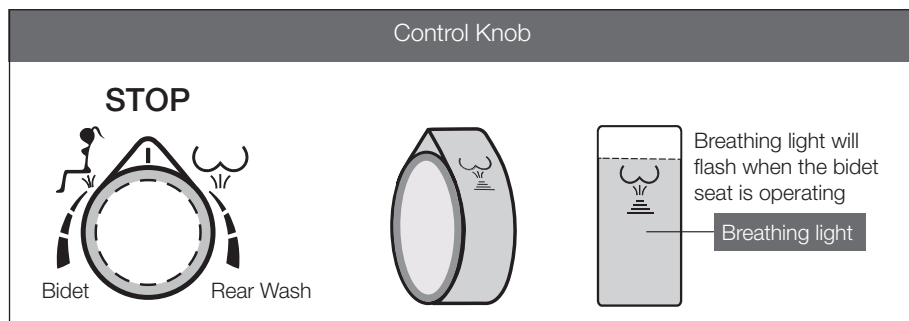
1. Insert the power plug as the picture shown on the left.
2. Press the "Reset" button on the RCA surge protector to turn the power on; the indicator light will be on.
3. Press the "Test" button on the RCA surge protector to turn the power off; the indicator light will be off.

Note: please make sure the plug is dry before connecting to the power supply.

Standby Mode

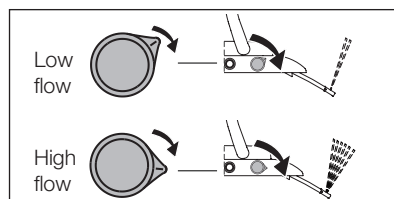
1. Make sure the plug is dry before power supply is connected.
2. After the power supply is connected, the bidet seat will perform a self-check. When the self-check is completed, it will send a confirmation "beep", then the bidet seat can be used normally.
3. Default water temperature is at low setting: about 35°C
4. Default seat temperature is at low setting: about 33°C
5. The knob light and the night light are always on.

Control Knob Functions



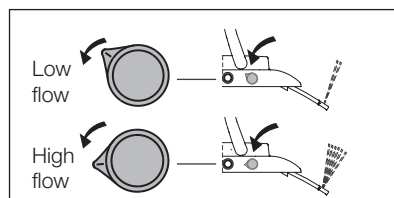
Self-Cleaning Function

- After being seated, and after usage, the nozzle of the bidet seat will automatically start self-cleaning. (pre and post wash cleansing system)



Rear Wash Function

- Rotate the knob in the direction shown on the left.
- After self-cleaning, the rear wash nozzle is extended and sprays water for cleaning.
- The flow varies with the rotation of knob.
- When completed return the knob to central position to stop the spray



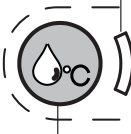
Bidet Function

- Rotate the knob in the direction shown on the left.
- After self-cleaning, the bidet nozzle is extended and sprays water for cleaning.
- The flow varies with the rotation of knob.
- When completed return the knob to central position to stop the spray


Functions Settings

Function Settings Key

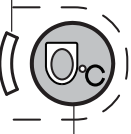
Water temperature adjustment indicator




Water temperature adjustment key






Seat temperature adjustment indicator



Seat temperature adjustment key

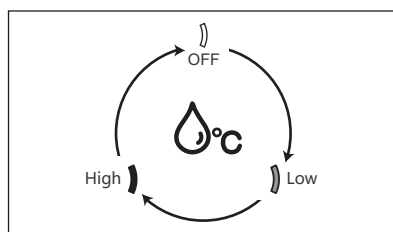



Prompt






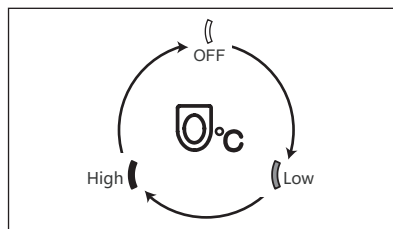
Light OFF Lowlighted Highlighted


The knob lamp can be turned off by pressing the water temperature adjusting button and the seat temperature adjusting button at the same time.



- Press the “°C” button to switch between water temperature settings in the sequence indicated in the left figure.
- When switching to OFF, you will hear one long confirmation “beep”. When switching to low/high you will hear one short confirmation “beep”.
- Low water temperature setting: about 35°C
- High water temperature setting: about 38°C

 The water heating function is ON only when seated. If not seated it is cold water.



- Press the “°C” button to switch between seat temperature settings in the sequence indicated in the left figure.
- When switching to OFF, you will hear one long confirmation “beep”. When switching to low/high you will hear one short confirmation “beep”.
- Low seat temperature setting: about 33°C
- High seat temperature setting: about 37°C

Protection Functions

1. Low temperature scalding protection function: 5min after the body is seated, the bidet seat will be under low temperature scalding protection mode with temperature of about 29°C.
2. Alarm function: when not seated and the knob is not timely closed, the bidet seat will give an alarm.
3. Water temperature protection function
 - When the water temperature exceeds 43°C during use, the nozzle spray will be turned off, and the bidet seat will automatically switch to self-cleaning mode.
 - After the water temperature returns to normal, washing can be continued.

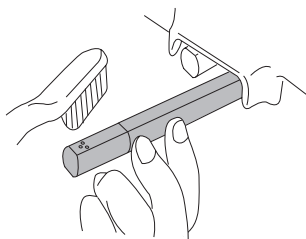
Note: After the rinse is over, turn the knob to the central stop position to prevent splashing.

Normal use during power failure

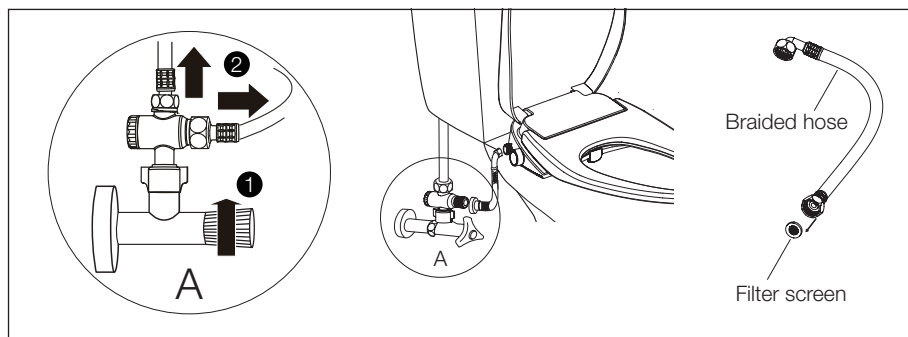
The water temperature and seat temperature cannot be adjusted when the power supply for the bidet seat is cut off, but washing with normal temperature can be used normally.

Manual Cleaning of Spray Nozzle

- Pull the nozzle in and out gently more than 5 times;
- Gently support the nozzle. Use a soft cloth, sponge or small brush dipped in non-abrasive detergent and wipe the nozzle and nozzle head. Wipe away any excess cleaning detergent.



Cleaning the Filter Fcreen



i Tips:

- Clean the filter screen when the water flow/pressure of the bidet seat drops.
- Make sure that the angle valve is closed and the power turned off before you clean the filter screen
- During cleaning process, the bidet seat must be disconnected from the water inlet hose;
- Reinstall the filter screen in reverse order after cleaning.

Bidet Seat/Toilet Cleaning

⚠ Note: Please cut off power supply before cleaning.

- Wipe the bidet seat surface with a sponge or soft cloth dampened with room temperature water or a non-abrasive detergent.
- Lift the the seat and lid when cleaning/performing maintenance.
- Do not close the seat/lid before all cleaning detergent in the toilet is completely washed away. This may cause the surface to corrode by the evaporation of the cleaning detergent.

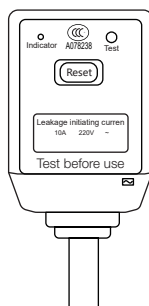
RCD / Surge Protector

Check the surge protector regularly, at least once a month

Inspection method:

- Press the surge protector "Reset" button:
 - indicator light is on, and the power supply is on.
- Press the surge protector "Test" key button:
 - indicator light is off, and the power supply is disconnected.
- When the above operation is completed and the indication information doesn't show, stop using the bidet seat and contact an authorised technician or electrician to replace the surge protector.
- Always ensure that the surge protector indicator light is on when the bidet seat is in use.

Schematic diagram of RCD / surge protector



Product Maintenance in Winter

Close the angle valve and do not use the bidet seat when the ambient temperature is below 4°C.

If left unused for a long period of time

If the bidet seat is going to be unused for a long period of time, drain the water and turn off the power supply:

- Pull out the power plug or press the "Test" key on the surge protector.
- Close the angle valve.
- Disconnect the water inlet hose from the angle valve and empty out the water in the hose.
- Close the upper lid, press and hold the disassembly buttons, and remove the bidet seat from the toilet.
- Store the bidet seat in a cool, dry place.

Common fault diagnosis

If you think the bidet seat has a fault, try some of the following process methods. If the product is still not working properly, contact an authorised technician or electrician.

Check power supply 1. If power supply is under normal state 2. If surge protector trips	Check water supply 1. If water supply is under normal state 2. If water inlet valve is closed
If the following occurs, cut off the power supply immediately.	
The buzzer continues to beep	The surge protector trips frequently



Note: When water leakage occurs, close the water inlet valve and cut off the power supply.

Water leakage analysis

Phenomenon	Possible cause	Solution
Base gap leakage	Pressure maintaining valve is damaged	Cut off the power supply, close the water inlet valve and contact an authorised technician
Flushing module leakage	Control Knob is not reset to OFF position	Reset Control Knob to OFF
	Control valve is failed	Cut off the power supply, close the water inlet valve and contact an authorised technician

Seat heating failure analysis

Phenomenon	Possible cause	Solution
Seat temperature is not sufficient	Seat temperature is set at low gear	Adjust seat temperature to higher gear
Seat temperature is too high	Seat temperature is set at high gear	Adjust seat temperature to lower gear
Temperature is too low when making contact with the seat	Seat heating function not enabled	Enable seat heating function in advance
No seat heating function	Seat heating coil in poor contact	Cut off power supply and contact an authorised technician

Flushing failure analysis

Phenomenon	Possible cause	Solution
Spray tube extends too slowly	Cool water should be released from front end before flushing	It is normal, and provides normal flushing about 5 seconds later
Insufficient water amount	Control Knob is not completely turned on	Increase Control Knob regulating angle
Insufficient water temperature	Water temperature is set at low gear	Adjust water temperature to higher gear
Water temperature too low	Water temperature is set at lowest gear	Adjust water temperature to higher gear
	Automatic protection for over-high temperature	Restart water temperature adjustment
Water flows out when seated	Self-cleaning function is enabled	It is normal, and water flow automatically stops about 5 seconds later
Water is not heated Breathing light not flashing	The flowmeter is abnormal	Cut off power supply and contact an authorised technician

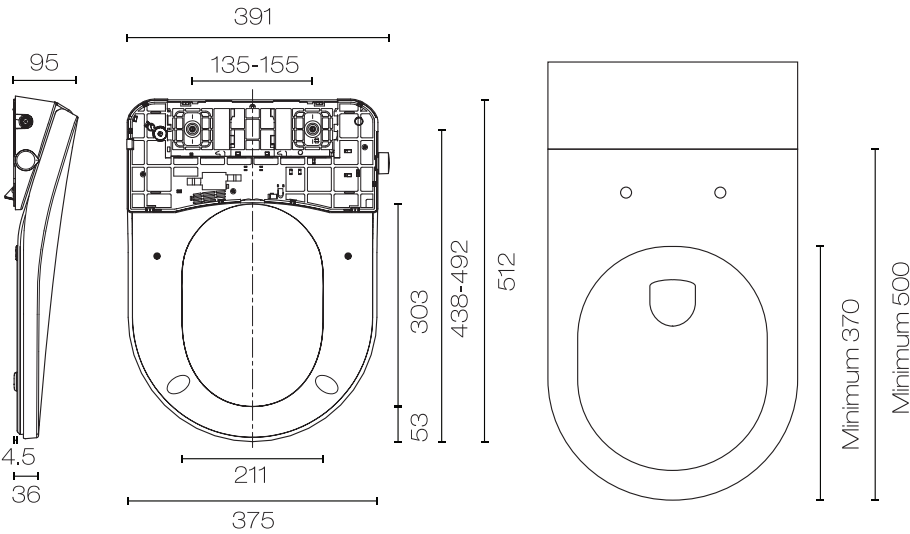
Night light analysis

Phenomenon	Possible cause
Night light is not ON	Power cord of night light shows poor contact
	Control Knob is not completely turned on
Kn ob light is not ON	Power cord of knob light shows poor contact

Alarm Function

Phenomenon	Possible cause	Solution
Buzzer continuously beeps	Control Knob switch is not reset to OFF state when away from seat	Reset Control Knob to OFF state
Surge protector sometimes trips.	Electricity leakage beyond normal value	Cut off power supply, stop using product, contact an authorised technician

Product Dimensions



Item	Description
Model	EV105
Water Inlet	Side
Power Cord Inlet	Side
Net Weight	3.5kg
Rated Voltage	220-240V~, 50/60Hz
Rated Power Consumption	960W (Under the conditions: entering water temperature15°C, flow rate 600ml/min)
Maximum Power Cousumption	1500W/220V
Length of Power Cord	1.5m
Water Supply Pressure	0.1 ~ 0.75MPa
Water Supply Temperature	4 ~ 35°C
Ambient Temperature	4 ~ 40°C
Protection Class	IPX4
Water Volume	≤0.7L/min(at a water pressure of 0.18 MPa), Stepless regulation
Water Temperature	3 Settings (Room temp/35/38°C)
Water Heater Power Consumption	1500W/220V
Seat Temperature	3 Settings (Room temp/33/37°C)
Seat Heater Power Consumption	50W/220V
Nozzle & Seat	Antibacterial Material
Soft Close Seat/Lid	Yes