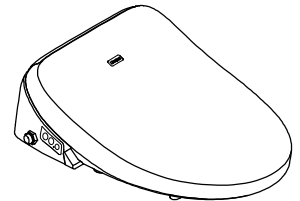


Operating Instruction Manual

USPA 1000



- *Thank you for purchasing this USPA product.*
- *Carefully read this operating instruction manual for proper use of this appliance.*
- *Retain this instruction manual in an easily accessible place.*
- *Register Warranty for proper service.*



**THIS UNIT WAS MANUFACTURED FOR HOUSEHOLD USE ONLY.
READ ALL OPERATING INSTRUCTIONS BEFORE INSTALLATION.**

Notes

- 1. This product should be installed according to this manual.*
- 2. Please read this manual carefully and install properly.*
- 3. Please save this manual and place in an easily accesible location.*
- 4. Do not attempt to service this appliance yourself. Doing so could void the warranty.*

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1 Important Safeguards

1. READ ALL INSTRUCTIONS BEFORE USING

DANGER - To reduce the risk of electric shock:

1. Do not place or store this appliance in a location where it can fall or be pulled into a tub or sink.
2. Do not place in, or drop into water or other liquids.
3. Do not touch a product that has fallen into water. Unplug immediately.

WARNING - To reduce the risk of burns, electric shock, fire or injury.

1. Close supervision is necessary when this appliance is used by or is near infants, elders, or handicapped persons. Children should not be permitted to use or touch this appliance without adult supervision. Be sure to adjust the toilet seat's temperature for elders, handicapped persons, or people with sensitive skin.
2. Use this appliance only for its intended purpose as described in this manual. Do not use attachments not recommended by the manufacturer.
3. Do not operate this appliance if the cord is damaged or if the product is dropped into water.
4. Install the unit properly by following the installation procedure.
5. Only authorized persons can install or repair the unit. Do not attempt to service this appliance by yourself. Doing so could void the warranty.
6. Keep the cord away from heated surfaces.
7. Never drop or insert any objects into any opening or hose.
8. Do not use outdoors. Do not use aerosol or oxygen spray products on the unit.
9. Always follow the grounding instructions in this manual before plugging in the unit.

SAVE THESE INSTRUCTIONS

2 Cautions before installation

1. NOTE THE FOLLOWING IMPORTANT POINTS

1. Do not install in a location where water might be splashed on this appliance or in a location exposed to excessive moisture where condensation might form on the product's surface.
2. To avoid damage to electronic components due to high levels of humidity, provide adequate ventilation by opening a window and/or door when bathing.
3. Water supply should have a water pressure of 11.38 psi to 106.68 psi.
4. Connect the product to a pipe carrying potable water. Do not connect to an industrial water line or other water supplies that are not potable.
5. Cool the unit in the room before installation.
6. The thermal protector in the water tank may malfunction when transporting or storing warm water.
7. The rated power voltage is AC120V, 60Hz.
8. Do not plug the unit in until installation. It may result in malfunction.

2 Cautions before installation

2. WIRING REQUIREMENTS

1. Any other servicing should be performed by authorized service representatives.

2. GROUNDING INSTRUCTIONS

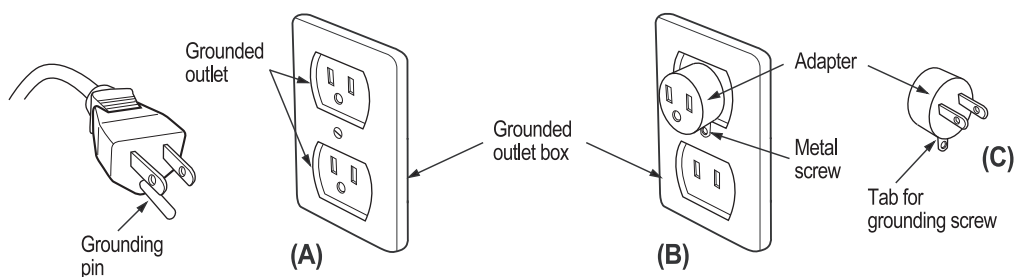
This product should be grounded. In the event of an electrical short circuit, grounding reduces the risk of electric shock by providing an escape wire for the electric current. This product is equipped with a cord having a grounding wire with a grounding plug. The plug must be plugged into an outlet that is properly installed and grounded.

DANGER-Improper use of the grounding plug can result in a risk of electric shock.

Do not connect the grounding wire to a flat blade terminal. The grounding wire can be identified by its insulated outer surface. It will either be colored green or will not contain yellow stripes.

Check with a qualified electrician or serviceman if you do not understand grounding instructions or if you do not know whether the product is properly grounded.

3. This product is for use on a nominal 120V circuit. It has a grounding plug that looks like the plug illustrated in sketch A. A temporary adapter, which looks like the adapter illustrated in sketches B and C, may be used to connect this plug to a 2-pole receptacle as shown in sketch B if a properly grounded outlet is no available. The temporary adapter should be used only until the properly grounded outlet (sketch A) can be installed by a qualified electrician. The green colored rigid ear, lug and the like extending from the adapter must be connected to a permanent ground such as a properly grounded outlet box cover. Whenever the adapter is used, it must be held in place by the screw.



4. If it is necessary to use an extension cord, use only a three prong wire extension cord that has a three-blade grounding plug, and a three-slot receptacle that will accept the plug on the product. Replace or repair a damaged cord.

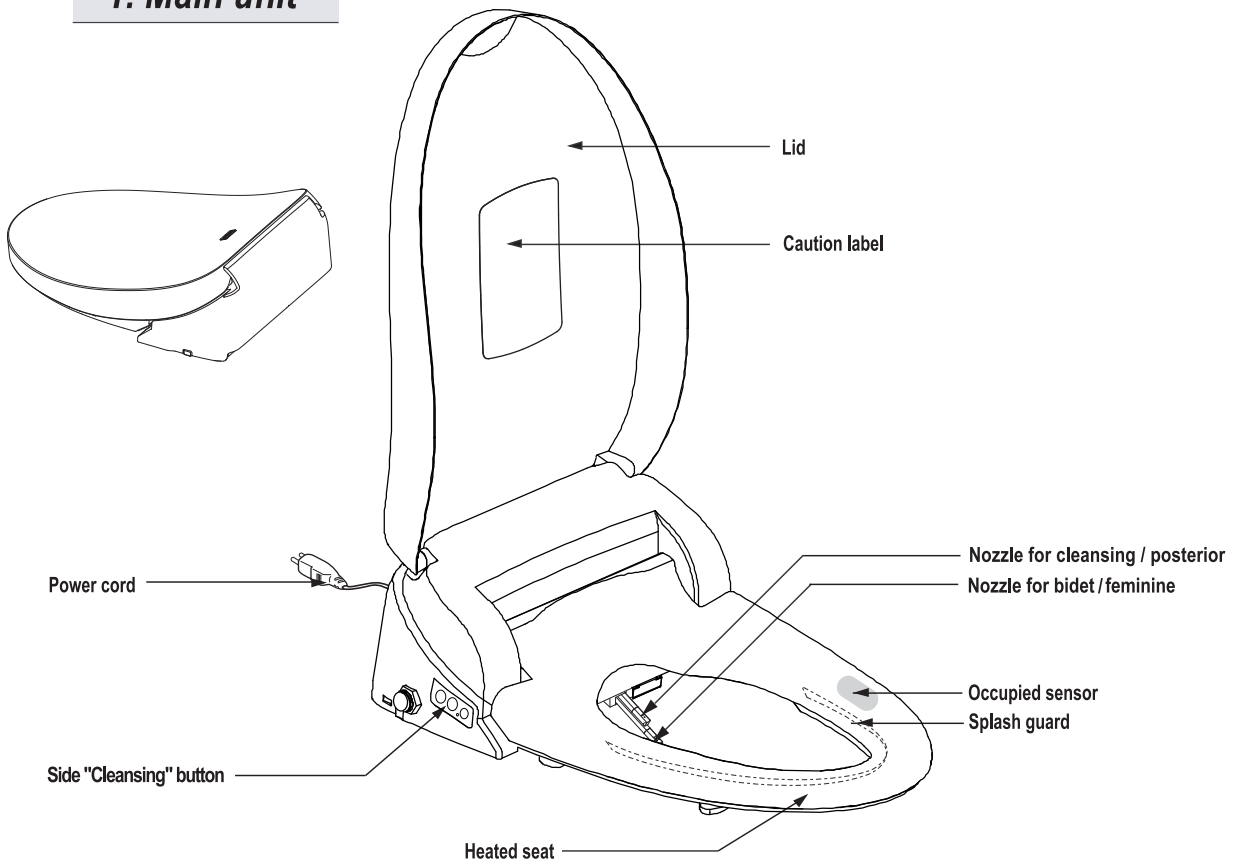
5. Remote control power : AAA(1.5V) , 3EA

CAUTION

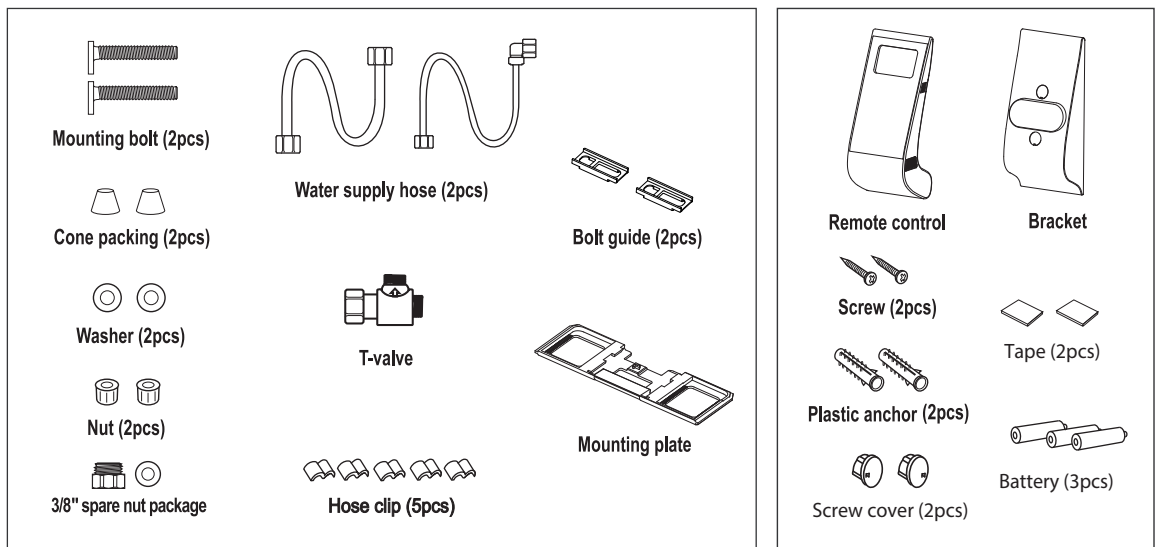
**RISK OF EXPLOSION TO BATTERY IF REPLACED BY AN INCORRECT TYPE.
DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS.**

3 Identification

1. Main unit



2. Accessories















5 Safety Information (Warning)

WARNING

Might cause slight injury or damage. Be aware.

 Indicates a [prohibited] use of the appliance.	 Prohibited  Do not disassemble  Use of fire prohibited  Do not handle with wet hands
 Indicates a [required] step in use of this appliance.	 Required step  Ground Connection

-  Be aware of a low-grade burn.
 - It may result in a low-grade burn if sitting on the heated seat for a long time.
 - Be aware if being used by the following: children, senior citizens, patients, people who cannot control the temperature, people who are not sober, or people who are tired.
 - If injured in a low-grade burn, see a doctor immediately.
-  Do not step on or place heavy objects on this appliance.
 - Doing so may damage the unit.
 - Do not step on the lid, seat, or control panel to avoid injury or product damage.
-  Unplug while not using over extended period of time.
-  Unplug when there is thunder or lightning.
-  Use this appliance on a toilet only.
 - Not doing so may result in fire, injury or electric shock.
-  Do not use force to pull out the water hose.
 - Doing so may cause water leakage.
-  Be aware of urine splash on a nozzle.
 - Not doing so may result in malodor or failure.
-  Do not use force to close the lid.
 - Doing so may cause malfunction.
 - Be aware not to put fingers between the lid and seat when you close the toilet. It may cause injury.
-  Unplug when cleaning.
 - Not doing so may result in fire or electric shock.
-  Use low temperature for children and handicapped.
 - If the temperature is too high, it may result in burn if they fail to recognize the temperature.
-  Do not sit or lean against the lid or the control panel.
 - Doing so may cause malfunction or breakage.
 - Applying excessive force may damage the lid or components that may lead to injury.
-  Do not put a vase, cup or small materials on this appliance.
 - Doing so may result in fire or electric shock.

6 How to use

STOP

- Press "Stop" to stop current operation.
 - When a user stands up, all operations will stop automatically.
-

CLEANSING

- Press "Cleansing" for posterior wash. The function will stop automatically in 60 seconds.
 - Press this button again to activate oscillation. The nozzle moves back and forth automatically to widen cleansing area.
 - Oscillation wash stops if this button is pressed again.
-

BIDET

- Press "Bidet" for feminine wash. The function will stop automatically in 60 seconds.
 - Press this button again to activate oscillation. The nozzle moves back and forth automatically to widen cleansing area.
 - Oscillation wash stops if this button is pressed again.
-

KIDS

- Press "Kids" to change all functions to be suitable for children :
1 minute for oscillation, level 1 of water pressure,
and level 5 of nozzle position.
 - This unit should be used under the supervision of an adult.
-

MASSAGE

- Press "Massage" to help you to stimulate bowel movements with aerated wash.
 - Press the button again to stop.
-

ECO

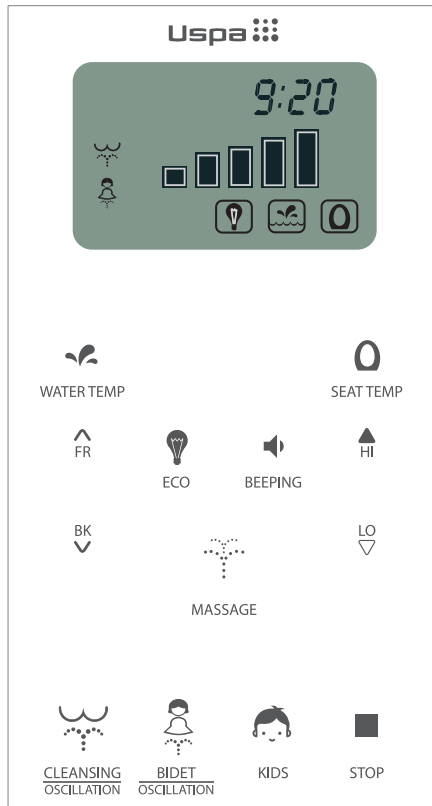
- Press "ECO" to activate the power saving function.
 - Economy function will be disabled once user sits on the seat.
-

BEEPING

- Press "Beeping" to enable the beeping sound.
- To disable, press the button again.

※ When the power cord is plugged in initially, nozzles for feminine wash and posterior will come out in turn.

※ All the operating times indicated are approximate.



WATER PRESSURE ·

- Water spray pressure can be adjusted in 5 levels by pressing.
- Set water pressure level will remain.

NOZZLE POSITION ·

- Nozzle position can be adjusted by pressing the nozzle position button.
- Set nozzle position will remain.

※ Caution











- Do not drop the remote control in water. It may cause out of order or malfunction.
- All functions will be operational when the seat is occupied except Nozzle Cleaning and Power / Economy.
- Before operating, ensure that the water tank is filled up completely.

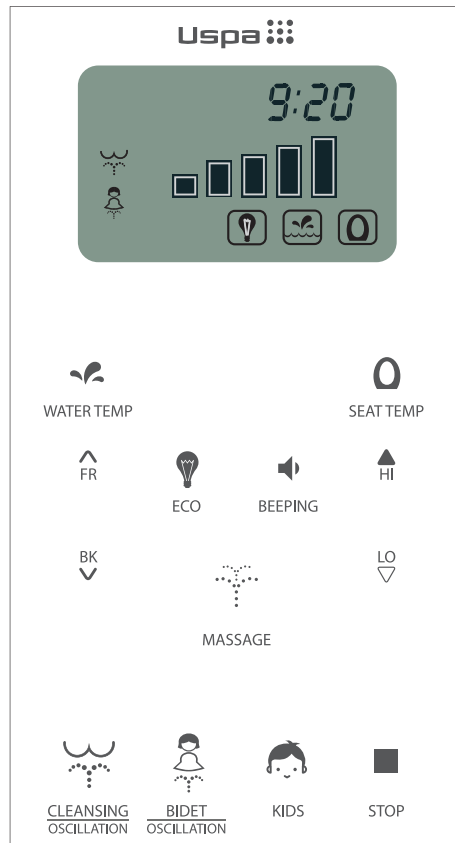
4 Safety Information (Danger)

DANGER

Failure to follow may cause severe injury or death. Follow the instructions.

 Indicates a [prohibited] use of the appliance.	 Prohibited  Do not disassemble  Use of fire prohibited  Do not handle with wet hands
 Indicates a [required] step in use of this appliance.	 Required step  Ground Connection

-  Do not splash water or cleansers on the product's plug. Doing so may result in fire or electric shock.
-  Do not plug or unplug with wet hands.
-It may result in injury or electric shock.
-Regularly wipe off the plug and electric outlet with a dry, soft cloth to prevent electric shock or fire.
-  Do not use a faulty or loose electric outlet or cord.
-Doing so may result in short circuit, electric shock or fire.
-  Do not throw anything flammable into the toilet.
-Doing so may result in fire, discoloration or malfunction.
-  Grounded wire or outlet must be installed.
-Not doing so may result in malfunction or electric shock.
-If no grounded plug is used, make sure to install grounded wire.
-  Do not use many appliances in one power strip.
-Doing so may result in fire or damage.
-Be sure to use a dry and clean outlet.
-Do not use a faulty or loose outlet.
-  Use potable water only. (ground water)
-Not doing so may cause irritation or injury to your skin.
-It may clog the pipe due to contaminants.
-  Do not disassemble the seat.
-Doing so may result in electric shock.
-  Do not disassemble, repair or modify this appliance.
-Doing so may result in electric shock, injury or malfunction.
-  Unplug when you hear beeping or smell strange odor.
-Unplug right away and contact your dealer from whom you bought this appliance.



WATER / SEAT TEMPERATURE ADJUSTMENT

- Press "Water Temp" while on or off unit.
- Press again to adjust water temperature to 93°F→98°F→104°F
→OFF(room temperature).
- Press "Seat Temp" while on or off unit.
- Press again to adjust seat temperature to 93°F→98°F→104°F
→OFF(room temperature).

SELF CLEANING

- Nozzles are cleaned by automatically rinsing off before and after every use.

※Do not forcefully push or pull the nozzles or bend them. It may result in failure.

IDENTIFICATION

- This function is useful for public toilets when more than one unit of this product is installed.
- To prevent interference among units, main unit and remote control should be set with the same **ID**.
- If there is only one unit in the bathroom, you do not need to set **ID**.
- Initial **ID** of remote control and main unit are "0" (*id:00*). There are 16 choices in **ID** (0~15).



HOW TO SET ID

REMOTE CONTROL

- Press "High" (▲) button for 5 seconds and *id:00* shows up in display.
- Press "High" (▲) or "Low" (▼) button until your **ID** appears in display. (00~15)
- Press "STOP" again to set **ID**, and display will return to stand-by mode.

MAIN UNIT

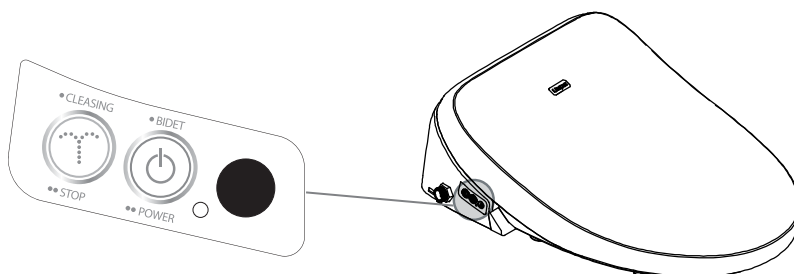
- Plug in while pressing "POWER/BIDET", main unit will beep in 5 seconds and **ID** setting mode will be ready for setting.
- **ID** will be changed gradually by pressing "CLEANSING / STOP".
ex) if "CLEANSING/STOP" is pressed 3 times, **ID** of main unit will be 3.
- Press "POWER/BIDET" again to set **ID**, and main unit will be ready to stand-by.

NOTE

- If both **ID**'s of remote control and main unit are different, main unit will not work.
- Make sure both sides are set with the same **ID**.
- **ID** will be initialized (*id:00*) if the power is unplugged or batteries of remote control are replaced.

SIDE CONTROL BUTTONS

- Use side control buttons on unit when remote control is broken or its batteries are dead.
- Press "Cleansing" or "Bidet" to start.
- Press again to stop. Do not use sharp items to press buttons.



7 How to clean

Nozzle cleaning



Do not forcefully push or pull the nozzles, or bend them. It may result in failure.
Make sure to use "Stop" button on the remote control.

MANUAL CLEANING

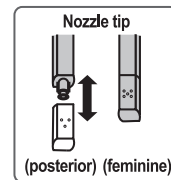
- 1 Make sure the occupied sensor is not activated.
(Do not sit on the seat or place hands on the seat sensor)
- 2 Press "Front" (FR) button for 3 seconds to extract feminine nozzle.
Press "Front" (FR) or "Back" (BK) button for 3 seconds to extract posterior nozzle.
Press "Stop" button to retract nozzle.
- 3 Use a toothbrush or soft cloth to clean nozzles.
- 4 Press "Stop", and nozzle will return to stand-by mode.



AUTO CLEANING

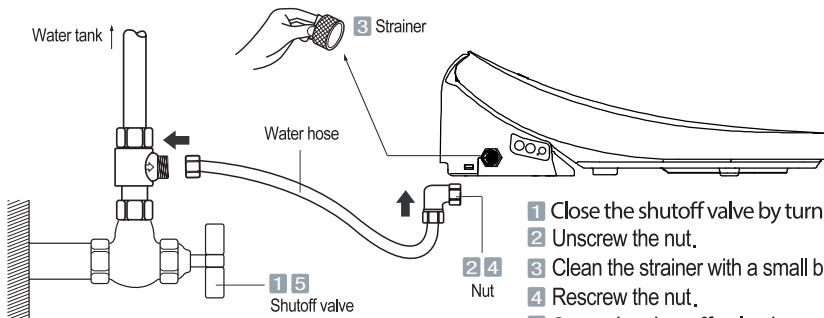
- 1 Press "Back" (BK) button for 3 seconds to start auto cleaning. Cleansing and Bidet nozzles will be cleaned automatically by turns.
- 2 Press "Stop", and nozzle will return to stand-by mode.

※ Do not use force to push or pull the nozzles while cleaning.



Strainer maintenance

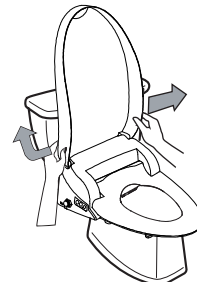
This appliance will not operate properly if the strainer is clogged.
Be sure to clean the strainer regularly.



- 1 Close the shutoff valve by turning it clockwise.
- 2 Unscrew the nut.
- 3 Clean the strainer with a small brush.
- 4 Rescrew the nut.
- 5 Open the shutoff valve by turning it counter clockwise.

Cleaning the body

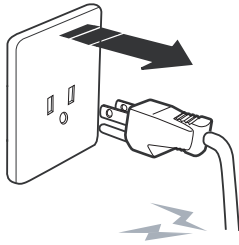
- 1 Regularly wipe off the seat with a dry soft cloth or sponge, or wash with a damp cloth and mild detergent.
- 2 Release the lid.
 1. Pull the lift hinge to the left and upward.
 2. Release the right hinge, being careful to not catch fingers.
- 3 In order to protect plastic unit, only use neutral cleansers.
(Do not use toilet cleansers, home cleansers, bleach, benzene, paint thinner, cresol (Lysol)).



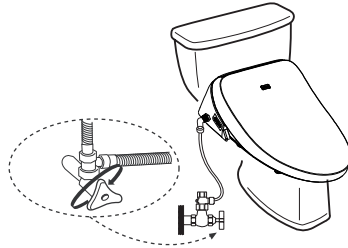
8 Maintenance

Draining water - while not using over extended period of time

- 1 Unplug the power supply cord.**
■ Not doing so may cause electric shock or fire.



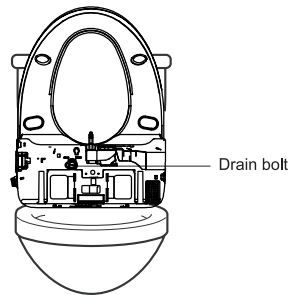
- 2 Close the shutoff valve.**



- 3 Unscrew the mounting bolts.**
■ Refer to the installation procedure.



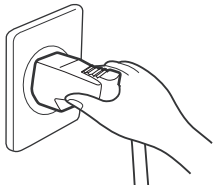
- 4 Raise the unit and thoroughly drain the water by unscrewing the drain bolt from the closed position.**
(Do not lose the drain bolt.)



- 5 Screw drain bolt back to closed position and reinstall the unit.**
■ Refer to the trial operation procedure (page 14) before using appliance again.

Preventing freezing

- 1 Make sure the power cord is properly plugged in.**



- 2 Set the water temperature to low or middle.**
(Freezing can be prevented by thermal efficiency of water tank.)

■ If there is no heating system in the toilet, wrap pipes with cloth or other materials.

- 3 If the unit has not been used for a long time during winter, unplug and drain the water from the water tank and pipes thoroughly.**

■ Refer to the "Draining water" procedure above.

9 How to install



Do not plug in until installation is finished completely. Not doing so may damage the appliance.

※ If electric work is needed, please contact a qualified electrician or serviceman only.

Remove the existing toilet lid and seat

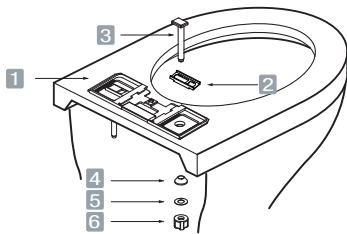
1. Remove the nuts, washers, and cone packings from the toilet seat and mounting bolts in the back of the toilet.
2. Remove the toilet seat, lid and mounting bolts.
3. Keep them in case you need them.

Install the appliance

Installation

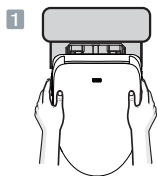
How to mount the plate

- 1 Place the mounting plate and guides over each mounting hole. Insert the mounting bolts through the plate and mounting holes. Slide cone packings and washers onto the bolts and fasten tightly with nuts.



- | | | |
|------------------|----------|-----------------|
| 1 Mounting plate | 2 Guide | 3 Mounting bolt |
| 4 Cone packing | 5 Washer | 6 Nut |

How to attach and detach the unit



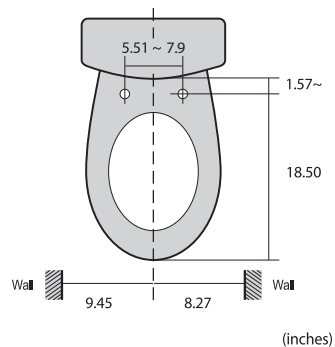
Slide the unit until it clicks into plate.



Lift the unit up and forward.

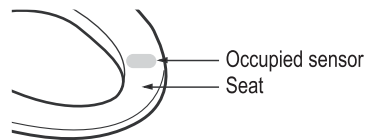
Toilet size (Elongated)

- 1 The toilet dimensions must be within those shown below. Do not install this appliance on a toilet that does not meet these dimensional requirements.



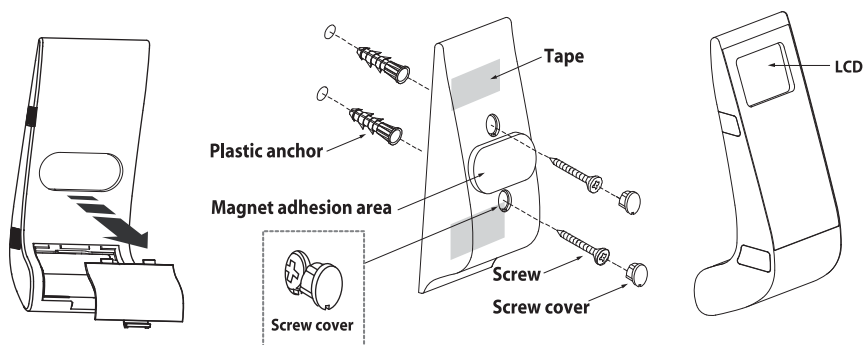
Occupied sensor

- 1 This appliance is equipped with an occupied sensor.
- 2 The unit will not work unless the seat is occupied.



HOW TO INSTALL REMOTE CONTROL

HOW TO INSTALL REMOTE CONTROL



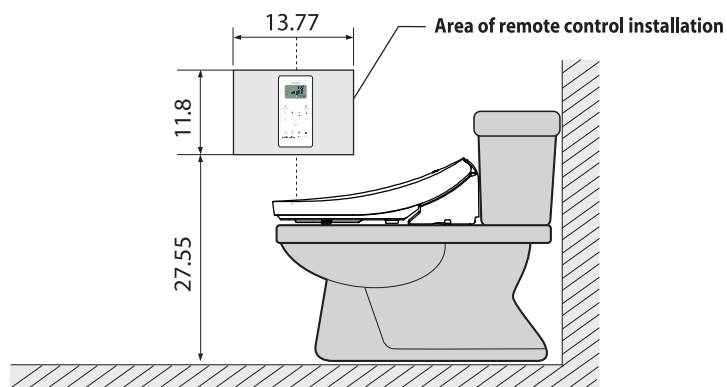
1. Open the battery lid and insert AAA battery (3pcs).
2. Check the display appears properly.
3. Check the remote control properly while seat is occupied.
4. Fasten the remote control bracket with double sided adhesive tape or fix with screws and anchors on the proper area of the wall as below.

* CAUTION *

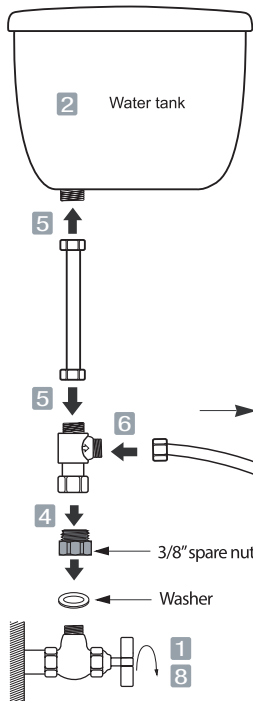
- Use the AAA battery (3pcs).
- Do not use old and new batteries together and same type of batteries only.
- Remote control and remote control mounting panel have magnets.
- Avoid any material to be able to make magnet damaged.
- Change battery if LCD is flickered or return to the start up screen.

THE RECOMMENDED INSTALLING POSITION OF THE REMOTE CONTROL

- !** Install the remote control on the wall.
Keep the remote control in the bracket to prevent damage by dropping.



Connecting the water hose



- 1 Close the shutoff valve by turning it clockwise.
- 2 Flush the water tank completely to empty.
- 3 Remove the existing water supply hose from the tank.
- 4 Install the T-valve on the top of stop valve.
- 5 Connect one end of the flexible hose from the T-valve to the water tank.
- 6 Connect the other end of the flexible hose from the T-valve to the main appliance.
- 7 Connect the water hose(L-valve integrated hose) to the main unit.
- 8 Open the shutoff valve by turning it counter clockwise.
- 9 Check for any water leaking or dripping.

Using inline carbon filter

- The use of an external inline carbon water filter is not required unless the unit is used in an area with extreme hardwater. If a carbon filter is used, the filter must be replaced every 6 months. Inline carbon filters can be purchased from any authorized Bio Bidet reseller.

※ Shutoff valve sizes may vary. If supplied parts do not fit, please call 847-458-2334.

Trial operation

1. Preparation

Plug the power cord into the outlet, and then the water tank will be filled with water in 2 minutes.

2. Checking all functions

Cover the toilet bowl using the sheet of plastic wrap on the unit to prevent the washing water from being sprayed out of the toilet.

Then check for all function described in this manual.

3. There are possibilities of water coming out that remains in the unit while heating.

10 Before calling for service

Problem	Possible cause	Solution
Completely fails to work	Is there a power outage? Is the power cord unplugged? Are you sitting on the seat correctly?	Check for a power failure or a tripped breaker Plug the power cord in properly Sit on the seat correctly to activate sensor.
Water does not spray	Is the water shutoff valve closed? Is the strainer clogged? Are the nozzles clogged?	Check for any water leaking or dripping Clean the strainer Clean the nozzles
Water is leaking or dripping	Are all hoses tightened properly?	If water is still leaking or dripping, contact your dealer
Seat or water is not warm enough	Is the temperature set to OFF? Is the appliance used in eco mode during cold weather?	Reset the temperature Press "eco" again to release the function

11 Specifications

Item	USPA 1000	
Standard power supply	AC 120V 60Hz 660W	
Water supply	Way of connection	Direct connection to tap water
	Water pressure	0.08MPa ~ 0.75MPa
Cleansing	Spray for cleansing	900 ± 100ml/min
	Spray for bidet	850 ± 150ml/min
	Water capacity	800 ml
	Spray temperature	Room Temp ~ 40°C (104°F)
	Heater capacity	600W ± 10%
Safety feature	Thermal switch, Temperature fuse, Floating switch	
Heated seat	Seat temperature	Room temp ~ 40°C (104°F)
	Heater capacity	55W ± 15%
	Safety feature	Temperature fuse
Circuit breaker	Within 15mA 0.03 second	
Length of power cord	1.2m	
Dimensions	(W)407 mm X (L)532 mm X (H)170 mm (W)16.02 inches X (L)20.94 inches X (H) 6.69 inches	
Weight	4.16kg(9.17lbs)	

※ Recommended water supply pressure is 0.1MPa~0.69MPa

※ Under 0.1Mpa pressure, water spray pressure might not be adequate.

WARRANTY

USPA Personal Hygiene Appliance Limited Warranty

- We warrant our products to be free from manufacturing defects under normal use and service for a period of one (1) year from the date of your purchase.
100% Coverage of all parts and labor for the entire product for the first year from original date of purchase.
This warranty is only valid within the United States and Canada.
 - Our obligation to you under this warranty is limited to repair or replacement, at our option, of defective products or parts, provided that the products were properly installed and used in accordance with instructions. We reserve the right to make inspections in order to determine the cause of the defect. We will not charge for labor or parts in connection with warranty repairs or replacement. We are not responsible for the cost of removal, return and/or reinstallation of products.
 - This limited warranty does not apply to:
 - a) Damage or loss from a fire, earthquake, flood, storm, etc.
 - b) Damage or loss resulting from any unreasonable use, abuse, negligence, or improper maintenance.
 - c) Damage or loss from improper installation, removal, repair, or modification.
 - d) Damage or loss resulting from sediment or other matters contained in your water system.
 - This warranty gives you specific legal rights.
 - For warranty or service information, please contact your dealer where you bought this appliance or us.
 - Only the original purchaser may submit a claim under this limited warranty. To activate your warranty, complete this form.
 - This limited warranty is our only warranty covering your product. Repair or replacement as provided under this warranty shall be the exclusive remedy available to you. We shall not be responsible for loss of the product or for other incidental, or consequential damage or expenses you may incur or for labor or other costs due to installation or removal, or cost or repairs by others, or for any other expense not specifically stated above. Except to the extent prohibited by applicable law, any implied warranties, including that of merchantability or fitness for use, are expressly limited to the duration of this warranty.
- ※ Warning! We are not responsible or liable for any failure of, or damage to, this plumbing product or product component caused by in-tank bowl cleaners containing chlorine(calcium hypochlorite).
- ※ Note : The use of high concentration of chlorine related products can seriously damage the fittings. This damage can cause leakage and serious property damage.
- For more information, please contact your dealer or us.

Mail, email or fax the warranty form to :

BBC INNOVATION

204 Berg St., Algonquin, IL 60102

Phone : 877_339_5214 Fax: 847_854_1296

E-mail : support@biobidet.com <http://www.biobidet.com>

SAMHONGTECH CO., LTD.

2F, Eunsung Building, 741, Yeongdong-daero, Gangnam-gu, Seoul, Korea

TEL:82-2-3449-2341 FAX:82-2-3445-1686

E-MAIL : info@isdongseo.co.kr <http://www.samhongtech.com>

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Please call us.

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