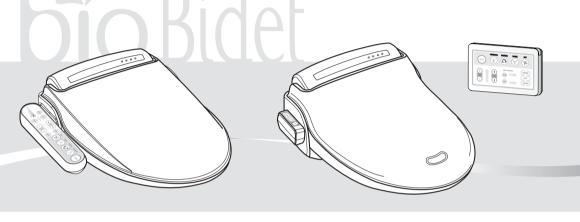
#### PERSONLAL HYGIENE APPLIANCE



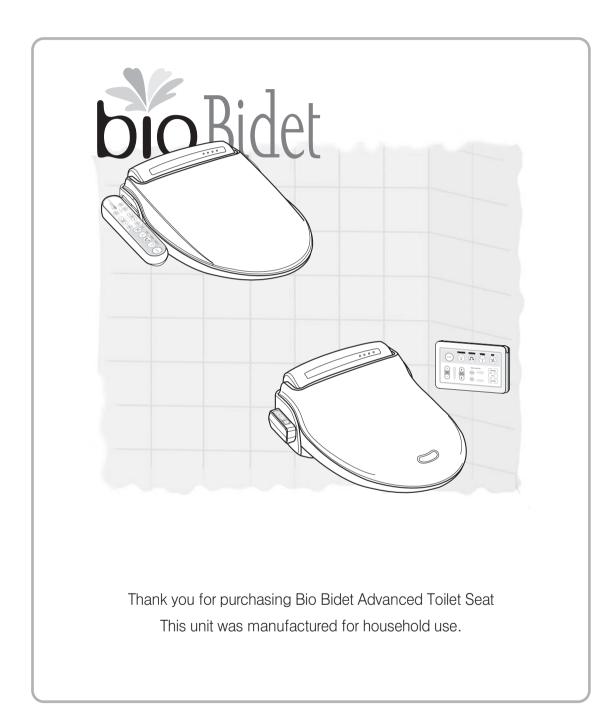
# Installation Manual and Operating Instructions

BB-800 & BB-1000



- This Product should be installed according to this manual.
- Please read this manual carefully and install properly.
- Please keep this manual for future reference.
- Please register Warranty for proper service.







(3)





# **IMPORTANT SAFEGUARDS / GENERAL CAUTIONS**

### • READ ALL INSTRUCTIONS BEFORE INSTALLATION AND USE

The following terms are used in this manual to indicate hazards of varying degrees of severity

DANGER	DANGER         Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.	
WARNING	Indicates potentially hazardous situation which, if not avoided, could result in death or serious injury.	
CAUTION	Indicates potentially hazardous situation which, if not avoided, may result in minor or moderate injury or in damage to the product or other property.	

- **DANGER** To reduce the risk of electrocution
  - WARNING To reduce the risk of burns, electrocution, fire, or injury to persons

PLEASE OBSERVE THE FOLLOWING PRECAUTION BEFORE USING THIS PRODUCT

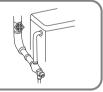


Do not open the product to repair or remodel. Only qualified service personnel should service this product. Do not use attachments not recommended by the manufacturer.





Connect this product to cold water supply pipe carrying portable water. Do not connect to an industrial water supply line that does not carry water of drinking quality. This will negatively effect hygiene and performance.





#### About Low Temperature Burns-

A burn occurs when the skin has been exposed to high temperatures. However, a low temperature burn may occur when the skin has been in contact with an object at relatively low temperature (about 104 °F). Close supervision is necessary when this product is used by children or adults with sensitive skin.



If using any chemical toilet bowl cleaner, be sure to wipe up any spills that splash onto Electric Bidet. Do not use benzene or any acid chemical detergent. Only neutral detergent permitted.



Do not plug in the power cord before connecting the water supply hose. This product must be grounded. An approved Ground Fault Circuit Interrupt must be used. Grounding Do not splash water on this product. Please provide adequate ventilation to avoid damage to electronic

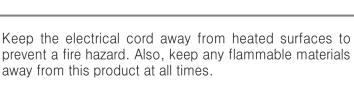
components due to high level of humidity. It is necessary to provide adequate ventilation with a fan, open door or open window when bathing.

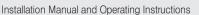
Do not touch the power cord with wet hands. Do not reach for a product that has fallen into water. Unplug immediately!

This product must be connected to a standard voltage power source. Do not connect power cord if the cord is damaged or broken.

Do not plug the unit into a loose electric outlet.

Please disconnect the power cord when you clean this product or detach it from toilet bowl. Do not supply electrical power to the unit until the plumbing work has been completed.







Use of fire prohibited







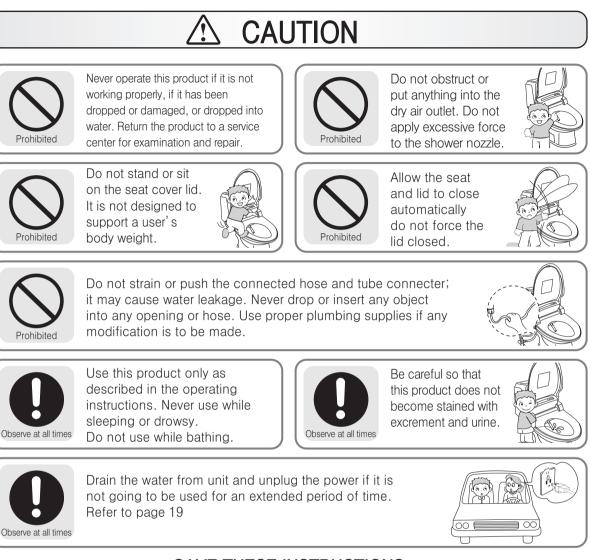












## - SAVE THESE INSTRUCTIONS -

## **CAUTIONS BEFORE INSTALLATION**

#### WIRING REQUIREMENT

2

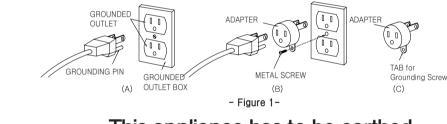
THIS PRODUCT MUST BE PLUGGED into a regular voltage Grounded GFCI outlet (North America 120V ac, 60Hz / Europe 220-240V~, 50/60Hz). The rated power consumption is 660W / 600-700W. In locations where only a standard two-prong outlet is available, it is the responsibility of the user to install a grounded three-prong outlet. Using a higher voltage is dangerous and may result in a fire or other accident. This product is not responsible for damage resulting from the use of it on other than specified voltage, or operating it without proper grounding.



This Product must be on a separate circuit. No other appliance should share the circuit with this product. Sharing a circuit could cause the branch circuit fuse to blow or the circuit breaker to trip. Continuous usage under these conditions could result in fire or property damage.

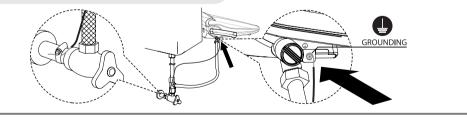
### **GROUND INSTRUCTIONS**

- (1) This product has a three-prong grounding plug, which must be plugged into an outlet that is properly installed and 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. If repair or replacement of the cord or plug is necessary, do not connect the grounding wire to either flat blade terminal. The wire with insulation having an outer surface that is green with or without yellow stripes is the grounding wire. Check with a qualified electrician or serviceman if the grounding instructions are not completely understood, or if in doubt as to whether the product is properly grounded.
- (2) This product is for use on a nominal 120V circuit, and has a grounding plug that looks like the plug illustrated in sketch A in Figure 1. 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 not available. The temporary adapter should be used only until a properly grounded outlet (sketch A) can be installed by a qualified electrician. The green colored rigid ear, lug, or 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.



# This appliance has to be earthed.

#### **OPTIONAL GROUND INSTRUCTIONS**



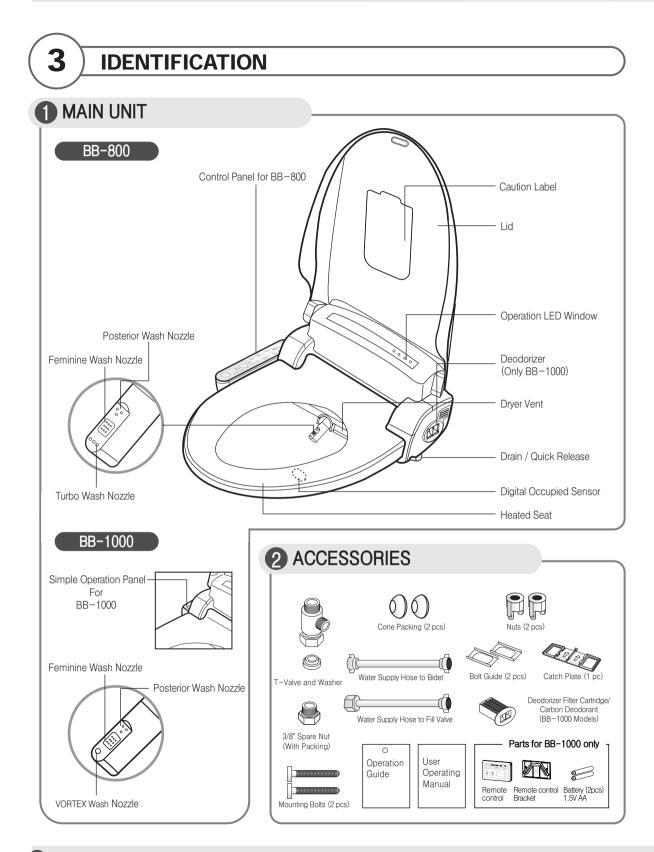


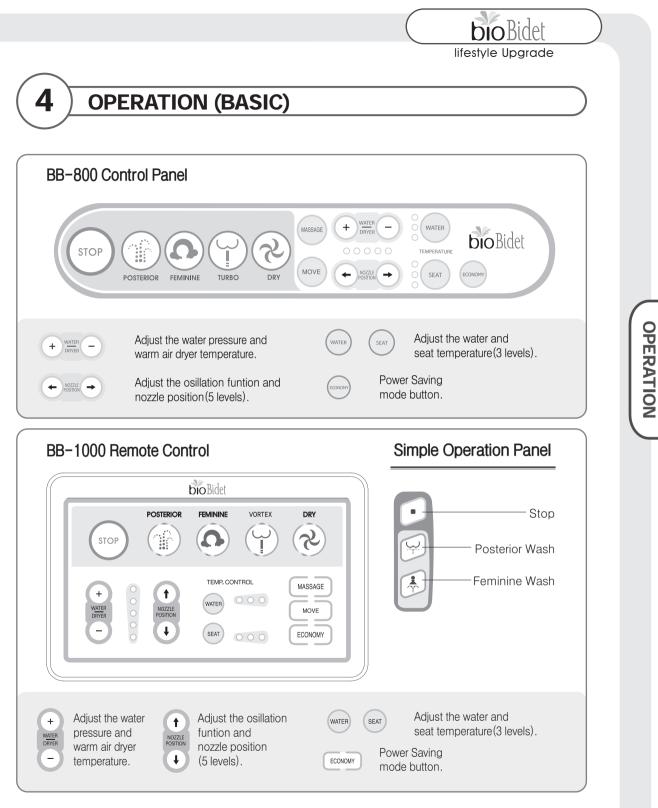
IMPROPER GROUNDING CAN RESULT IN A RISK OF ELECTRIC SHOCK. Electric wiring has to be done in accordance with all local codes, or in the absence of local codes, with the National Electrical Codes.

The use of an extension cord is not recommended or advised. If it is necessary to use an extension cord, use only a three-prong extension cord (one to one), and a three slot built-in GFCI receptacle that will accept the plug on this product. The marked rating of the extension cord should be equal to or greater than the electrical rating of the unit (10amp). Consult a qualified electrician or service person if you are not sure whether the unit is properly grounded.

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- When you sit on this product, please sit down on the central position in order to activate the sensor.
- After an extended wash, allow water to be reheated for 3 minutes.

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# OPERATION (DETAILS)

### **1** PREPARATION

- · Check for any water leaks.
- Plug the unit into the proper power source and the LED power light will start flashing.
- Wait until the LED power light stops flashing and becomes solid red.
- The water tank will be filled after pushing a "Wash" ( 🛞 or 💽 ) button.
- When the water tank is filling the buzzer "Beeps" continuously, after the water tank is full the buzzer will end with "One Solid Beep".

# **2** OPERATION

#### SIT DOWN ON THE SEAT

- When you sit down on the seat, the ORANGE LED lamp on the control panel will light up.
- When the digital sensor on the seat is activated, the operation LED window on the main unit will light "Occupied sensor" and simultaneously, the deodorizer fan will start to work. (BB-900 / 1000 Models)
- See page 11 for details about changing the seat or water temperature.

#### STOP

• Press this button to stop all operation.

#### CLEANSING

STOP

- CLEANSING 1. (Posterior Wash)
- 1- Press "Posterior Wash" (()). Automatically, the nozzle comes out and sprays warm water to posterior.
- 2– Additional functions during your Posterior Wash experience are available. See Oscillation, pg.12 and Massage, pg. 13 for details.

#### • CLEANSING 2. (Feminine Wash)

- 1 Press "Feminine Wash" ((()). Automatically, the nozzle comes out and sprays warm water to feminine area.
- 2– Additional functions during your Feminine Wash experience are available. See Oscillation, pg.12 and Massage, pg. 13 for details.

#### • CLEANSING 3. (Turbo Wash / Vortex Wash)

- 1- Press "Turbo Wash" or "Vortex Wash", the nozzle spray is more or focused to produce the effect of strong wash, to help stimulate bowel movement.
- 2- Press "Water pressure High & Low button" to adjust the water pressure.



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#### CAUTION

DO NOT ALLOW CHILDREN TO USE THE **TURBO WASH** or **VORTEX WASH** FUNCTION! SUPERVISION IS STRONGLY RECOMMENDED FOR THE ELDERLY OR OTHER PERSONS THAT MAY HAVE LIMITATIONS IN BODY MOVEMENT, ILLNESS OR DISABILITIES!

#### CLEANSING cont.

#### • CLEANSING 3. (Turbo Wash or Vortex Wash)

- 1 Press "Turbo Wash" or "Vortex Wash" continuously for 3 to 5 seconds. Automatically, the water nozzle comes out and sprays a warm stream of water to the posterior center of the rectum.
- 2– If necessary, adjust "Position" of water stream with the (  $\bigcirc$  /  $\bigcirc$  ) buttons.
- 3− Press "Water pressure High & Low button"( +)/-) to adjust the water pressure to your desired comfort.
- 4- Press the "STOP" ( ) button when you feel your abdomen is full or wait until the "Turbo Wash" or "Vortex Wash" function stops, approximately 1 minutes.
- 5- You will shortly feel the urge to push the water out of your colon, push the water and feces out as thoroughly as you can.
- 6- Relax for a few minutes and be sure you feel your colon is empty and then use the "Posterior Wash" and "Air Dry" function to finish.

### WARM AIR DRYER

1- Press "Dry" ( ), warm, dry air is gently directed to washed area for about 3 minutes.

2-You may adjust the warm air temperature by pressing High(  $\oplus$  ) and Low(  $\bigcirc$  ) buttons.

\*This product memorizes the air temperature of prior use.

#### WATER PRESSURE ADJUSTMENT

- After sitting down on the this product, the LED lamp( •••••) for water pressure on the Power Control will light at third or middle level( ••••)
- Press high( +), or low( -) to adjust the pressure of the water spray to your desired comfort level

# WARM WATER TEMPERATURE AND SEAT TEMPERATURE ADJUSTMENT The temperature of water and seat are adjustable to the desired level by pressing the "WATER" ( ) and "SEAT" ( ) button. WATER TEMPERATURE OO Room temperature approx. 93.2°F (34°C) 98.6°F (37°C) 104°F (40°C)

SEAT TEMPERATURE





 $\rightarrow \circ \circ \circ \rightarrow \bullet \circ \circ \circ \rightarrow \circ \bullet \circ \rightarrow \circ \circ \bullet$ 

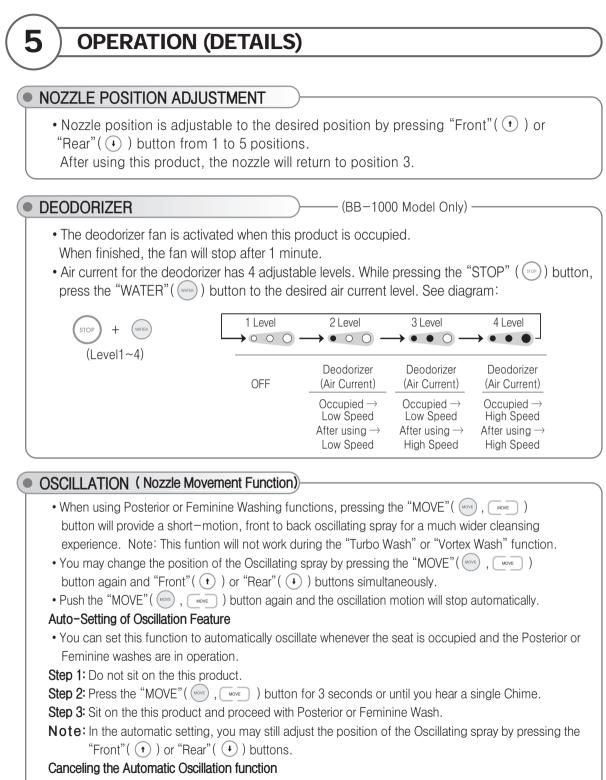
Room temperature approx. 93.2°F (34°C) 98.6°F (37°C)

(11)

104°F (40℃)

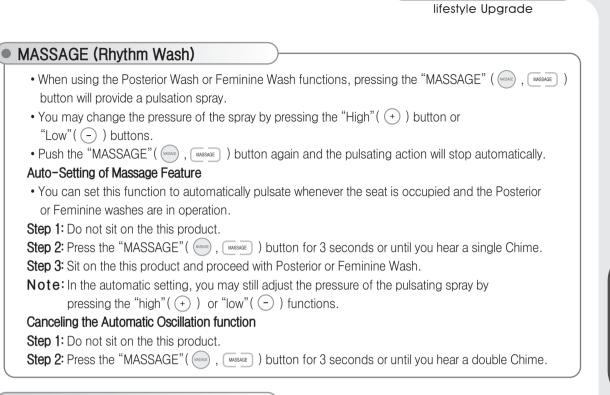
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Step 1: Do not sit on the this product.

Step 2: Press the "MOVE" ( we ), we ) button for 3 seconds or until you hear a double Chime.



#### ECONOMY (Energy Save Mode)

- The ENERGY SAVER is not on when the LED light is off.
- Press button once to choose "ECONOMY 1"
- Press button again to choose "ECONOMY 2"
- Press button third time to turn "ECONOMY" off
- \*The ECONOMY 1 : the water temperature will be kept at 90°F(32°C)
- \*The ECONOMY 2 (SMART MODE) : this will lower the water temperature to 90°F(32°C) when it is not being used, and raise the water temperature back to normal level during the time of use. It takes about 5 days for the unit to "learn", and "remember", the usage pattern of the user(s)

#### NOZZLE CLEANING (Automatically)

• This product has an automatic nozzle self-cleaning function that cleans the nozzle before and after each use.

#### NOZZLE CLEANING (Manual)

Nozzle can be cleaned manually by pressing "Posterior Wash" ( ) / ) button for 3 seconds without being occupied on the seat and nozzle will come out without spraying water. After cleaning the nozzle, Press "Stop" ( ) button to return nozzle to stand-by mode.
 ( ) . . . in Simple Operation panel – Remote Model)

#### CHIME SOUND ON/OFF SET

• While sitting on the this product, press "MOVE" (()) button for 3 seconds and you can hear the chime sound change to ON or OFF. (Remote model doesn't have off function, BB-1000)

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OPERATION

# INSTALLATION



# CAUTION BEFORE INSTALLATION

- Do not plug in before installation.
- If you need an electric power system or extension, please consult a qualified electrician.



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#### Turn Off Water.

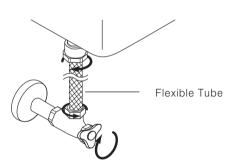
 Shut off the water supply shut off valve. Drain the toilet tank completely. Then remove the existing fill valve water supply hose.





#### Removing the existing seat and lid.

• Remove mounting bolts to release existing toilet seat from toilet.





#### Connect T-Valve.

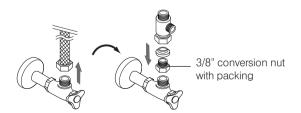
- Remove existing supply tube from fresh tank
- Connect supplied 1/2" T-Valve Adaptor. Use 3/8" conversion nut if existing shut off valve is 3/8".





#### Water Supply to Tank Assembly.

• Connect supplied fill valve water supply hose as illustrated.



\*Check for any water leaks.





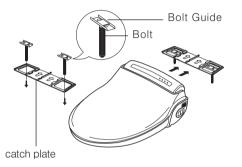
#### Installation Catch Plate.

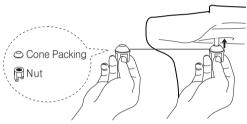
Place the plate and guides over each mounting hole. Insert the mounting bolts through the plate and mounting holes.



#### 6 Bolt and Nut Assembly.

Slide cone packing and washers onto the bolts then fasten to securely mount bidet seat to toilet.

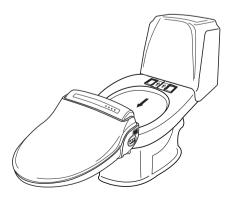






#### Assembly.

- 1. Slide this product onto the catch plate centering the unit with the guide arrows on the Base.
- 2. You will hear a click once this product is securely mounted to the catch plate.
- 3. This product will feel a little loose on the toilet bowl. Adjust the fit from front to back and side to side for balance.
- 4. Tighten the nuts on both bolts securely.

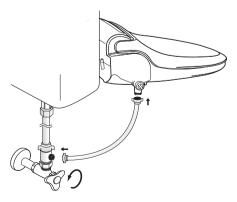






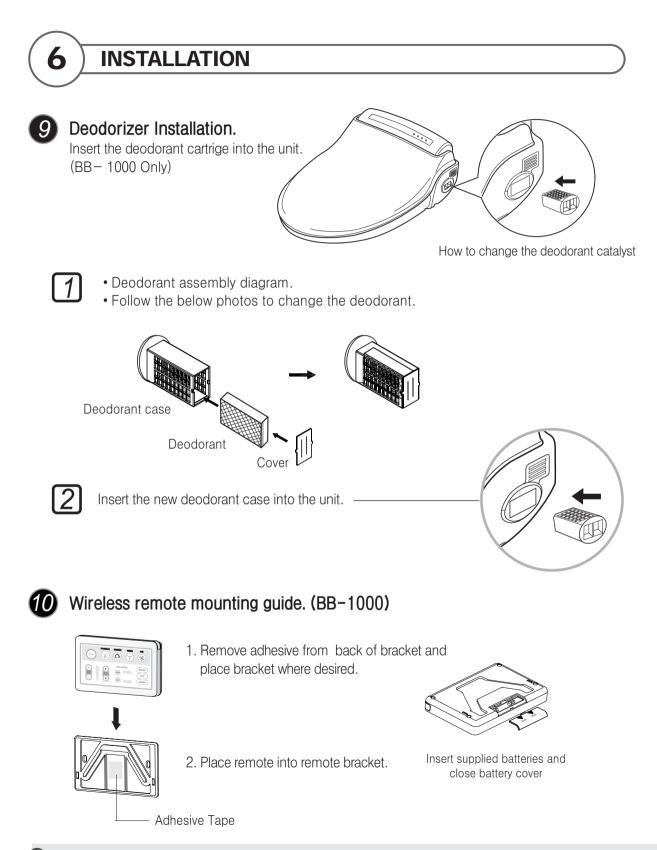
#### Water Supply Tube Assembly.

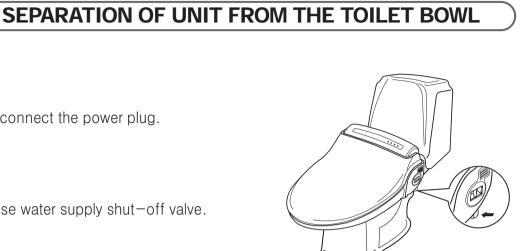
- 1. Connect the flexible tube from side of T-Valve to this product.
- 2. Open water valve.
- 3. Check for leaks.
- 4. If there are no leaks and the surrounding area is clean and dry, connect the power cord to a ground protected power outlet.











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Close water supply shut-off valve.

Disconnect the power plug.



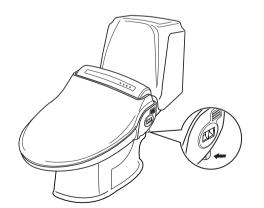
Drain water from bidet seat using drainage as illustrated.

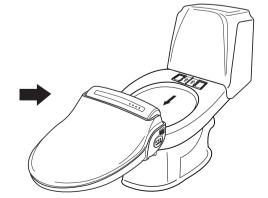


Remove bidet seat from toilet as illustrated. -Drainage is also release button from catch plate.



Do not turn unit upside down.





(17)

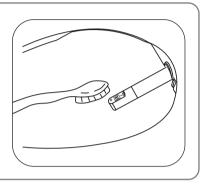


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# MAINTENANCE

#### CLEANING THE NOZZLE

- When the "Posterior Wash ( ) ' ) ' button is pressed for 3 seconds without occupying the seat, the nozzle can be cleaned with a soft toothbrush.
- ( ♀: in Simple Operation panel Remote Model)
  After cleaning the nozzle, push the "Stop ( , )"
- button once again, and the nozzle retracts itself.
- ( : in Simple Operation panel Remote Model)



#### CLEANING THE BODY OF UNIT

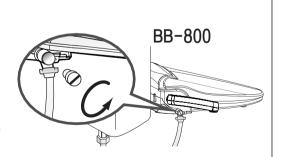
- When you clean this product, do not use thinner, benzene or toilet bowl cleaner. It may cause damage to the surface of unit.
- Use a wet cloth when you clean this product.
- Do not spray water directly on to this product.
- When you clean this product, disconnect the power plug.

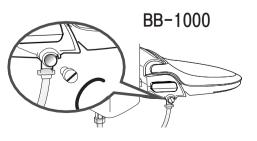
#### • CLEANING THE STRAINER

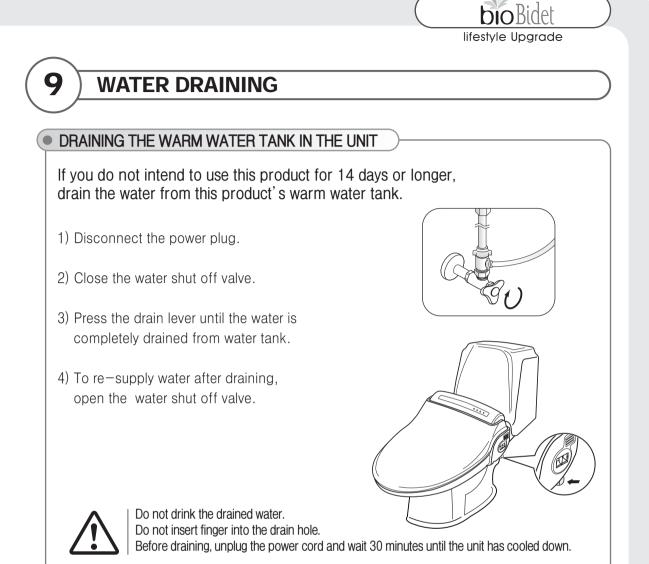
#### This product will not operate properly if the strainer is clogged. Please clean the strainer regularly.

- 1) Close the water shut off valve.
- 2) Flush the toilet to empty the water reservoir.
- 3) Unscrew the water filter nut.
- 4) Clean the strainer with a small brush or water.
- 5) Re-screw the water filter nut.
- 6) Open the water shut off valve.









## MAINTENANCE FOR WINTER SEASON



Check the power cord if it is plugged in or not.



Keep the water temperature on "Middle or High Level" to prevent water from freezing.



If you do not intend to use the unit for 14 days or longer, disconnect the power plug and drain the water.

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### 10 TROUBLE SHOOTING

Trouble	Cause	Remedy
The washing water does not spray	<ol> <li>The water tank is not filled.</li> <li>The shut off valve is closed.</li> <li>Freezing inside the main unit or the water supply pipe.</li> </ol>	<ol> <li>Wait about one minute.</li> <li>Press the desired washing button once again.</li> <li>Turn on the shut off valve to open.</li> <li>Heat the room (for about two hours). Operating the unit while parts are frozen will cause a malfunction.</li> </ol>
The unit is not operating	<ol> <li>Disconnected the power cord.</li> <li>The seat is not occupied.</li> <li>The battery of remote controller is exhausted.</li> <li>(Only BB-1000 model)</li> </ol>	<ol> <li>Connect the power cord.</li> <li>Check the power supply system in your house.</li> <li>Occupy the seat (The unit has an occupied sensor).</li> <li>Replace the battery.</li> </ol>
Water is leaking	1.Check the water supply system	<ol> <li>If water is leaking from the main unit, call the service center or the place you purchased unit.</li> </ol>
The washing water pressure is weak	1.The water pressure level is set to "LOW". 2.The strainer is clogged.	<ol> <li>Set the water pressure to "HIGH".</li> <li>Clean the strainer.</li> </ol>
The washing water is not warm	<ol> <li>The water temperature is set to "LOW".</li> <li>Continuous operation has depleted the supply of warm water.</li> </ol>	<ol> <li>Set the water temperature to "HIGH"</li> <li>Wait about three minutes.</li> </ol>
The seat and dryer is not warm	1.The seat & dryer temperature is set to "LOW"	1. Set the seat & dryer temperature to "HIGH".

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SPECIFICATIONS

Specification		BB-800		BB-1000	
Power Rating		Australia or Europe: 220 – 240V~, 50/60Hz , 600 – 700W America or Canada: 120Vac, 60Hz, 660W			
Water inlet type	Туре	Direct Inlet flow type			
	Water inlet pressure	0.	4 ~ 7.5 kgf/cm²(5.69	9 psi ~ 106.7psi )	
Power cord		(1.2m (4 feet): AMERICA) / (1.8m:Australia or Europe)			
Wash Device	Posterior Wash	Max. 1.2 ℓ /min ( Max. 0.32 GPM )			
	Feminine Wash		ax. 0.32 GPM )		
	Water Pressure Adjustable		5 Levels		
	Warm Water Temperature	Roo	m Temp - 40℃ ( R	oom Temp. 104°F )	
	Heater	600 W			
	Safety Devices	Thermal fuse, Thermal switch, Float switch			
Heated Seat	Temperature	Room Temp ~ 40°C(Room Temp. ~ 104°F)			
	Heater	55 W			
	Safety Device		Thermal	fuse	
Warm Air Dryer Device	Adjustable Dry Temperature (Room Temp~45°C) Heater (250W) Safety Device (Themal fuse, bimetal)	0		0	
Turbo& Vortex Function		0		0	
Deodorizer		_		0	
Remote control		_		0	
Inlet water temperature		3°C~ 35°C (37.4°F~ 95°F)			
Ambient Temperature		3°C~ 40°C (37.4°F ~ 104°F )			
Dimension		Elongated(Control) W : 495mm (19.4 inch) L : 525mm (20.6 inch) H : 185mm (7.28 inch)	Round (Control) W : 495mm (19.4 inch) L : 493mm (19.4 inch) H : 185mm (7.28 inch)	Elongated (Remote)         Round (Remote)           W : 475mm (18.7 inch)         W : 475mm (18.7 inch)           L : 525mm (20.6 inch)         L : 493mm (19.4 inch)           H : 185mm (7.28 inch)         H : 185mm (7.28 inch)	
Weight (kg)		5.3kg	5.4kg	5.2kg	

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# WARRANTY

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# **Three Years Limited Warranty**

1. 100% Coverage of all parts and labor for the entire product for the first year from original date of purchase

- 2. 75% Coverage of all parts and labor for the entire product for the second year from original date of purchase
- 3. 50% Coverage of all parts and labor for the entire product for the third year from original date of purchase

BBC Innovation warrants its products to be free from manufacturing defects under normal use and service for a period of three (3) years prorated base as above from date of purchase. This warranty is extended only to the ORIGINAL PURCHASER.

BBC Innovation's obligations under this warranty are limited to repair or replacement, at BBC Innovation's option, of products or parts found to be defective, provided that such products were properly installed and used in accordance with instructions. BBC Innovation reserves the right to make such inspections as may be necessary in order to determine the cause of the defect. BBC Innovation will not charge for labor or parts in connection with warranty repairs or replacements. BBC Innovation is not responsible for the cost of removal, return and/or reinstallation of products.

This warranty does not apply to the following items:

Damage or loss sustained in a natural calamity such as fire, earthquake, flood, thunder electrical storm, etc.

Damage or loss resulting from any unreasonable use, misuse, abuse, negligence, or improper maintenance of the product. Damage or loss resulting from removal, improper repair, or modification of the product.

Damage or loss resulting from sediments or foreign matter contained in a water system.

Damage or loss resulting from improper installation or from installation of a unit in a harsh and/or hazardous environment.

This warranty gives you specific legal rights. You may have other rights which vary from state to state.

To obtain warranty repair service under this warranty, you must take the product or deliver it prepaid to a BBC Innovation service facility together with a letter stating the problem, or contact a BBC Innovation distributor or products service contractor, or write directly to BBC Innovation Corporation, 205 Bert Street, Algonquin, IL 60102.

This written warranty is the only warranty made by BBC Innovation. Repair or replacement as provided under this warranty shall be the exclusive remedy available to the purchaser. BBC Innovation shall not be responsible for loss of the product or for other incidental, special or consequential damages or expenses incurred by the purchaser, or for labor or other costs due to installation or removal, or costs of 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. Some states do not allow limitations on how long an implied warranty lasts, or the exclusion or limitation of incidental or consequential damages, so the above limitation and exclusion may not apply to you.

Warning! BBC Innovation shall not be responsible or liable for any failure of, or damage to, this plumbing product or product component caused by either chloramines in the treatment of public water supply or in-tank bowl cleaners containing chlorine (calcium hypochlorite).

Note: The use of high concentration of chlorine or chlorine related products can seriously damage the fittings. This damage can cause leakage and serious property damage.

# **INFORMATION TO THE USER (For America)**

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

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

#### WARNING

Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

Note : The manufacturer is not responsible for any Radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

#### For Service & Technical Support, call or write to:

BBC Innovation Corporation 7900 S IL RTE 31 CRYSTAL LAKE, IL 60014 U.S.A

Tel: 847.458.2334 Fax: 847.854.1296 Support:@biobidet.com

MAINTENANCE

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# www.biobidet.com

# **BBC Innovation Corporation**

7900 S IL RTE 31 CRYSTAL LAKE, IL 60014 U.S.A Tel: 847.458.2334 Fax: 847.854.1296 Support:@biobidet.com