

**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 an easily accessible location.*
- 4. Do not attempt to service this appliance yourself. Doing so could void warranty.*

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1 Important Safeguards

When using electrical products, especially when children are present, basic safety precautions should always be followed, including the following:

1. Read all instructions before using

DANGER - To reduce the risk of electrocution:

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

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

1. Close supervision is necessary when this appliance is used by or near the very young, the elderly or in invalid. Children should not be permitted to use or touch this appliance. Do not leave children unattended in any room where this product has been installed. Be sure to adjust the temperature of the toilet seat for the elderly, those who are incapacitated or persons with sensitive skins.
2. Use this appliance only for its intended purpose as described in this manual. Do not use attachments not recommended by the manufacturer.
3. Never operate this appliance if it has a damaged cord or plug, if it is not working properly, if it has been dropped, damaged or 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 yourself. Doing so could void 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 or where aerosol spray products are being used or where oxygen is being administered.
9. Always follow the grounding instruction in this manual before plugging in the unit.

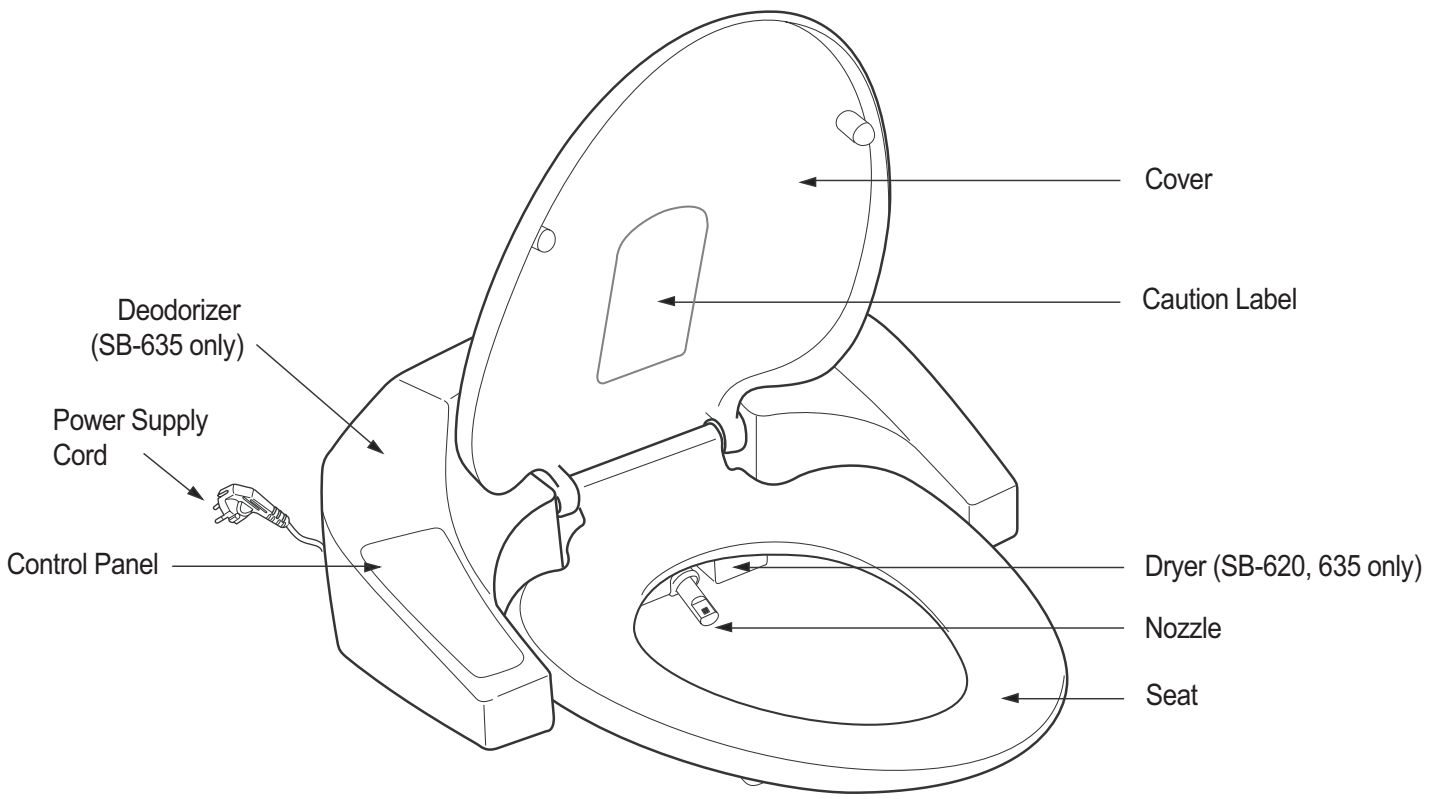
2. Cautions before installation

1. Note the following important points

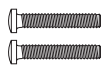



1. Do not install in a location where water might be splashed on this appliance or in a location exposed to such excessive moisture that condensation forms on the products surface.
2. To avoid damage to electronic components due to high levels of humidity, provided adequate ventilation by opening a window and/or door when bathing. You may find operating an exhaust ventilating fan during these times of high humidity beneficial.
3. Use a water supply having a water pressure of 0.5kgf/cm^2 to 7.5kgf/cm^2
4. Connect the product to a pipe carrying potable water. Do not connect to an industrial water line or other water supply that does not carry water of drinking quality.
5. In areas where water freezes in pipes in winter make arrangements to keep the pipes warm.
The water remaining in the unit may sometimes freeze during storage in winter. In that case, warm the unit in the room before installation.
6. The thermal protector in the water tank may sometimes trip during storage or transportation in warm weather causing non-operation. In that case, cool the unit in the room before installation.
7. The rated power voltage is 220V AC, 50Hz and the rated power consumption is 735W. Use wiring and an electrical outlet appropriate for this level of power.
8. Do not supply electrical power to the unit until the plumbing installation work has been completed; it could cause malfunction.

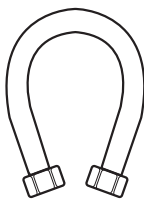
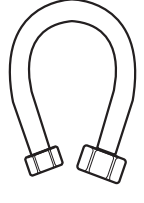
3 Identification

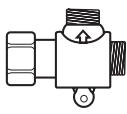
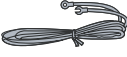


Main Unit



Accessory

| | |
|---|--|
|  Mounting Bolts (2pcs) |  Washers (2pcs) |
|  Cone Packing (2pcs) |  Nuts (2pcs) |



| |
|---|
|  Water Supply Tube To Main Unit |
|  Water Supply Tube To Flush Tank |








| |
|--|
|  Tee Valve |
|  Ground Wire |
|  Screw |
|  User manual |

4 Safety Information (Danger)

Danger

Please follow basic instructions to ensure the safe use of your appliance.

-  indicates a prohibited use of the appliance.
-  indicates a required step in the use of this appliance

- | | |
|---|--|
|  Prohibition |  Do not handle with wet hands |
|  Do not throw any firearms |  Do not disassemble |
|  Do not wash |  Ground connection |
| |  Required step |



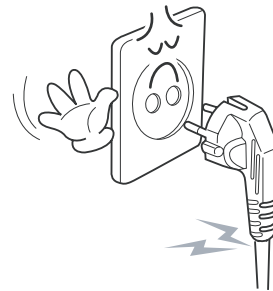
Meaning of symbols



PROHIBITED

Do not use a faulty or loose electric outlet or cord.

- Doing so may result in a shock circuit, electric shock or fire.



DO NOT WASH

Do not wash this appliance with water.

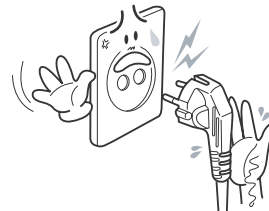
- Doing so result in fire or electric shock.



NO WET HANDS

Plug or unplug properly.

- Do not plug or unplug with wet hands. Doing so may result in injury or short circuit.
- Do not grasp the cord to unplug. Pull out the plug only.



NO FIREARMS

Do not throw away any firearms into the toilet.

- Doing so may result in fire.



GROUND CONNECTION

Ground wire or outlet must be installed.

- If avoided, it may result in short shock or malfunction.
- If not grounded plug used, make sure to install gounded wire.



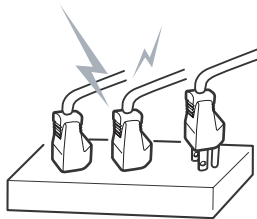
Danger

Please follow basic instructions to ensure the safe use of your appliance.



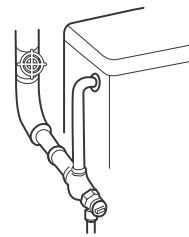
Do not use many appliances in a multi outlet

- 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 tap potable water only. (ground water)

- Not doing so may occur irritation or injury to your skin.



Do not use when the seat and lid are disassembled.

- Doing so may result in electric shock due to high voltage inside.



Do not disassemble, repair or modify this appliance.

- Doing so may result in fire or electric shock.



Do not obstruct the warm air dryer outlet.

- If the outlet obstructed with any objects, it may result in fire.
- If the outlet obstructed with hands, it may result in injury.



Unplug when beeping or smelling strangely.

- Unplug right away.
- Contact your dealer where you bought this appliance.



5 Safety Information (Warning)

Warning

Please follow basic instructions to ensure the safe use of your appliance.



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 of being used by the following :
 - Children, senior citizens, patients, or who cannot control the grade of temperature.
 - Sleeping pills users, or people who are on medication that causes drowsiness.
 - Who are drunk or very tired and may fall asleep while sitting on the unit.
- If injured in a low-grade burn, see a doctor immediately.

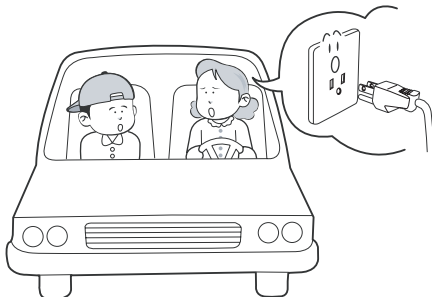


Do not step or place heavy objects on this appliance.

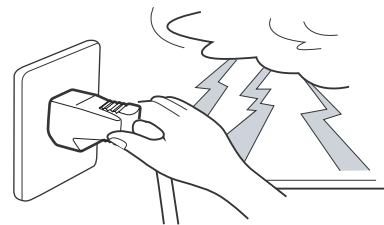
- Doing so may damage the unit.
- Do not step on a lid, seat or control panel to avoid injury or damage.



Unplug while not using over extended period of time.



Unplug while thundering or lightning.



Use this appliance in a toilet only.



- Not doing so may result in fire, injury or electric shock.



Improper use



Do not pull out the waterhose forcibly.

- Doing so may cause the water leakage.



Warning

Please follow basic instructions to ensure the safe use of your appliance.

REQUIRED

Be aware of urine splash on a nozzle or warm air dryer outlet.

- Not doing so may result in smelling or malfunction.



REQUIRED

Do not force to close the lid.

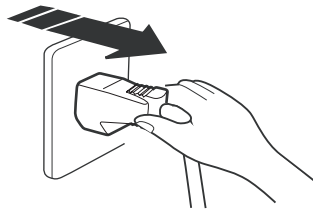
- Doing so may cause malfunction.



REQUIRED

Unplug when cleaning.

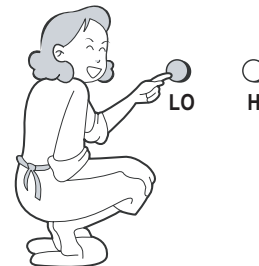
- Not doing so may result in fire or electric shock.



REQUIRED

Use the low temperature for children and handicapped.

- If high temperature sets up, it may result in burns due to not recognizing the temperature.



PREHIBITED

Do not sit or lean against the lid or control panel.

- Doing so may cause malfunction or breakage.



PREHIBITED

Do not put a vase, water cup or small materials on this appliance.

- If the water or small materials go into the unit, the unit may be out of order.



Stop

Press "STOP" to stop all operation.
When a user stands up, all operation will stop automatically. (Seat Switch model only)

Cleansing

Press "CLEANSING" to clean the posterior. The function stops in a minute automatically.
Moving wash activates automatically. The nozzle moves back and forth automatically to widen cleansing area.
Press "CLEANSING" again to stop moving wash.

Bidet

Press "BIDET" for front cleansing. The function stops in a minute automatically.
Moving wash activates automatically to widen cleansing area.
Press "BIDET" again to stop moving wash.

Dry (SB-620 only)

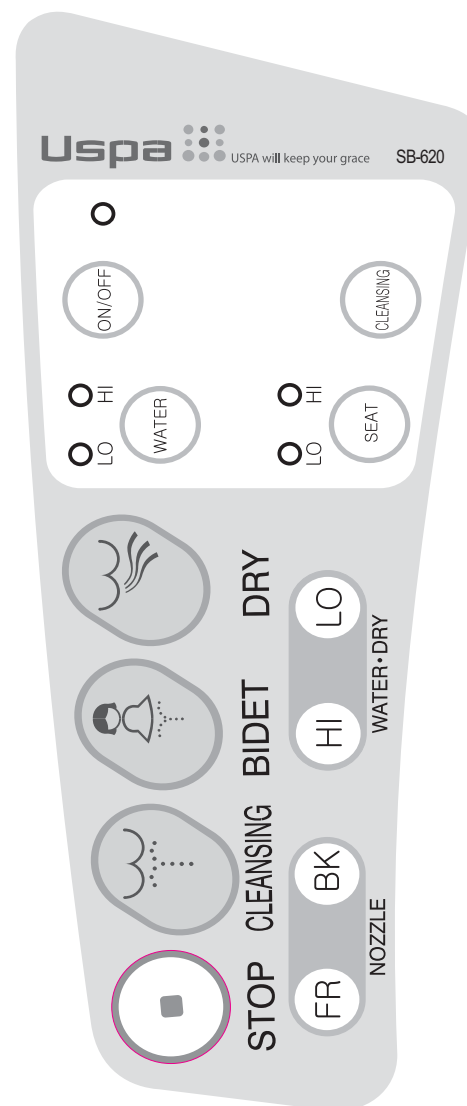
Press "DRY" button after "CLEANSING" or "BIDET". Warm air comes out from dry outlet for three minutes. Dry function stops in 3 minutes automatically.
To alter the temperature of air drying, press "HI" or "LO".

Consecutive Use

During "CLEANSING" or "BIDET" operation, press "DRY" to operate "DRY" after "CLEANSING" or "BIDET" consecutively.
While in use of "DRY", press "STOP" to stop the current operation.

Power

Press "POWER" to turn on the appliance. Press "POWER" again to turn off the appliance.
While the appliance is turned off, all buttons do not work and heating does not work either.
Convenient to power off while not in use without pulling out the power cord.



Water Spray / Seat Temperature Adjustment

Water temperature can be adjusted to your desired level by pushing "WATER".
Seat temperature can be adjusted to your desired level by pushing "SEAT".
There are 4 levels (room temp, low, middle and high).
Two LEDs are turned on when middle temperature set.

Water Pressure / Dry temperature Adjustment (SB-620 only)

The strength of water spray pressure for cleansing / bidet can be adjusted by pushing "HI" or "LO" to your desired level.
The temperature of air dry can be adjusted by pushing "HI" or "LO" to your desired level.
There are 5 levels for each function.

Nozzle Position Adjustment

The position of nozzle can be adjusted by pushing "FR" or "BK" to your desired position.
There are 5 positions.

Nozzle Cleansing

Press "CLEANSING" that locates next to "SEAT" to clean the nozzle manually while not sitting on the seat (not occupying, seat switch model only)
Press "STOP" to return the nozzle. (stand by mode)
Do not forcefully push or pull the nozzle or bend it while cleansing.

Self-cleaning

This appliance keeps clean itself automatically by rinsing off the nozzle before and after operation of BIDET or CLEANSING.

Self-diagnosis System

This appliance has a self-diagnostic system. Whenever the appliance has a problem, a LED of seat temperature or water temperature will blink.
Unplug the electric power cord immediately and contact to your dealer or us.

7 How to clean

Nozzle Cleansing

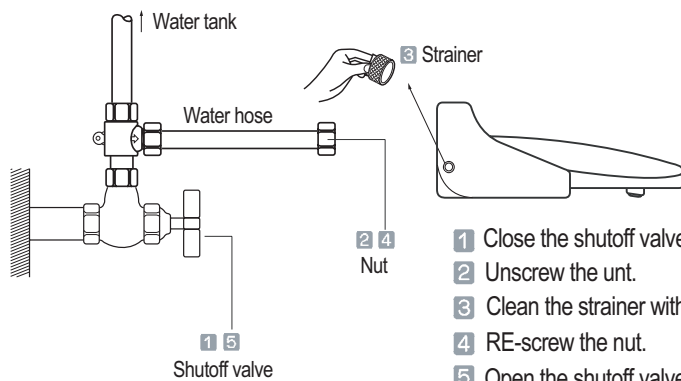
⚠ Do not forcefully push or pull the nozzles, or bend it.
Make sure to use "CLEANSING" when cleaning.

- 1 Press "CLEANSING" that locates next to "SEAT", then the nozzle comes out.
- 2 Do not forcefully push or pull out nozzles, or bend it.
Use a toothbrush or soft cloth to clean the nozzle.
After cleaning, press "STOP" or "CLEANSING".
The nozzle retracts itself. For a long time cleaning, unplug for your safety.
- 3 Do not retract nozzles without a nozzle tip. It may result in malfunction.
- 4 Be aware the nozzle tip for lost.



Cleaning the strainer

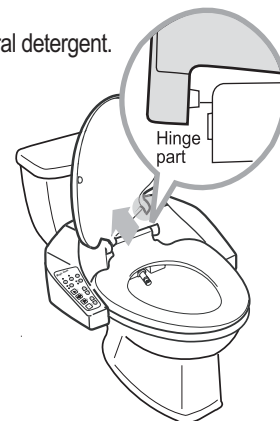
⚠ The appliance will not be operated properly if the strainer is clogged.
Be sure to clean the strainer regularly.



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

Cleaning the body

- 1 Regularly wipe off the body with a dry soft cloth or sponge, or dampened with neutral detergent.
- 2 Release the lid.
 1. Pull left and up the left hinge part.
 2. Release the right hinge part. (Be aware your fingers not to be caught)
- 3 For care of plastic body, do not use any cleansers which are not safe to use in the toilet seats
(toilet cleanser, home cleanser, bleach, benzene, paint thinner, cresol etc)



Toilet cleanser



Thinner
Benzene



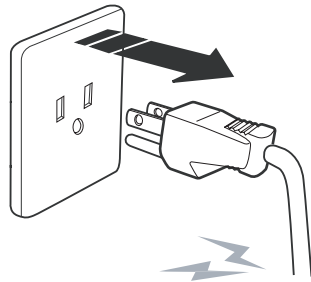
Bugs killer



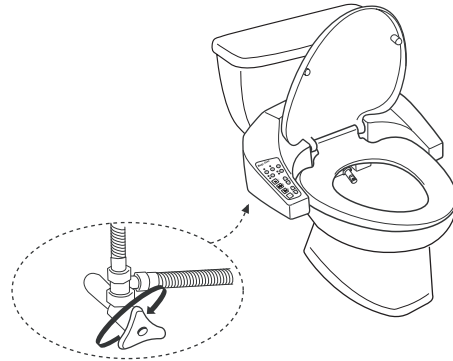
Sand paper

Water draining - when not using the unit for a long time

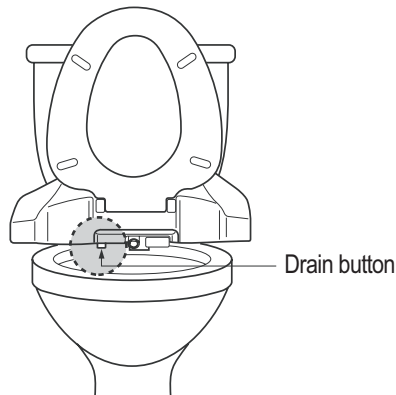
- 1** Unplug the power supply cord.
■ Not doing so may be in fire.



- 2** Close the shutoff valve.



- 3** Lift up the seat and push the drain button. Completely drain the water.



- 4** Close the seat.
■ Refer to the trial operation method in order to use this appliance again.



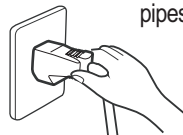
Preventing freezing

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

- 3** Not using the unit for a long time in winter, unplug and drain the water from the water tank and pipes thoroughly.
■ Refer to the water drain method.

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

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



9 How to install



Do not plug the power cord until installation finished completely.
Not doing so could damage the appliance.

If electric work needed, contact to the qualified electrician or serviceman only.

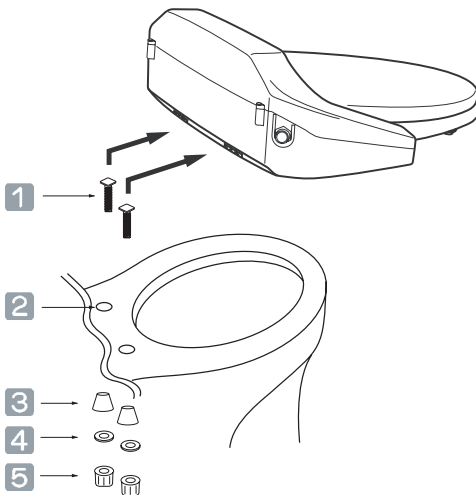
Remove the existing toilet lid and seat

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

Install the appliance

Installation

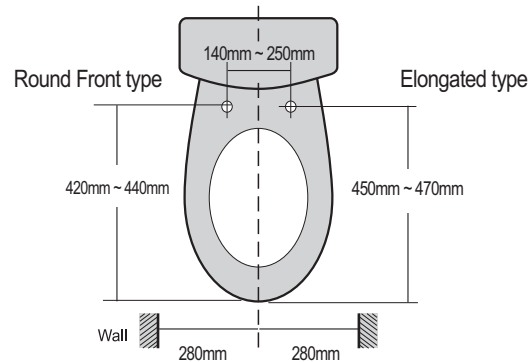
- Insert the mounting bolts through the mounting holes, and slide cone packings and washers into the mounting bolts. Then put the nuts and tighten them.



- 1 Mounting bolts
- 2 Mounting holes
- 3 Cone packings
- 4 Washers
- 5 Mounting nuts

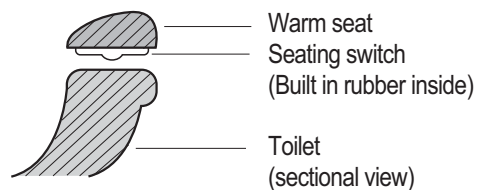
Toilet size (elongated & round front)

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

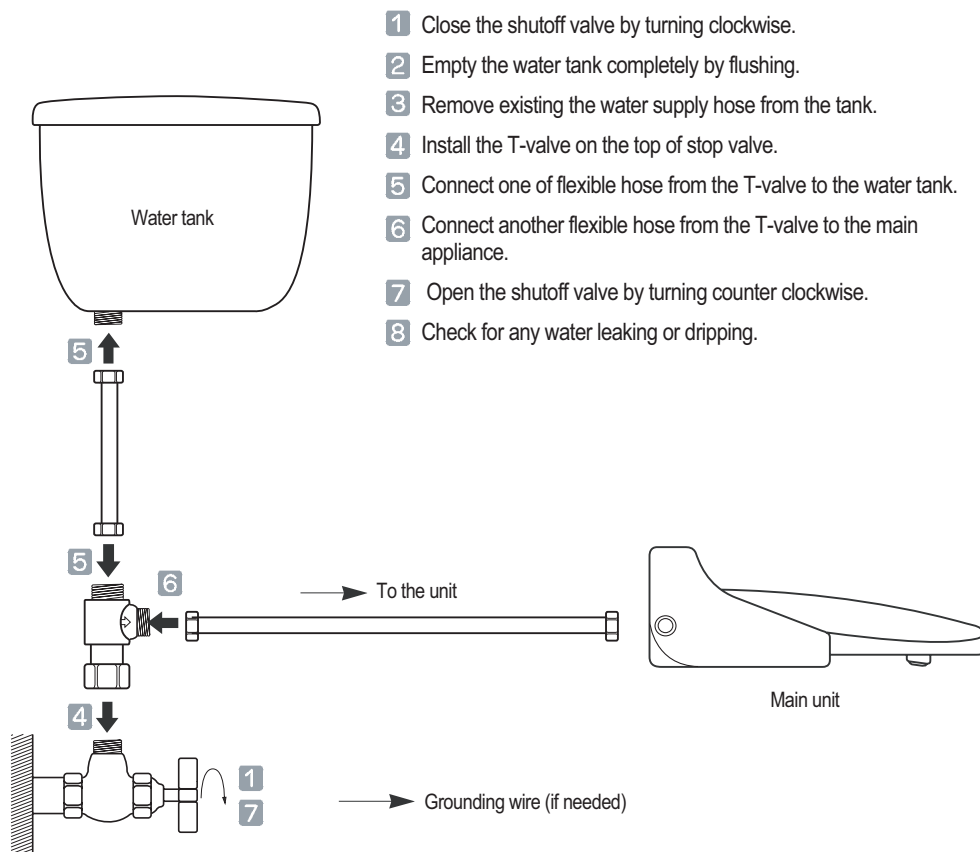


Seat Switch (for safety)

- Seat switch is installed in this appliance. If nobody sits on the seat or the seat switch is placed wrong, the unit does not work.
- If user stands up during "Cleansing" or "Bidet" operation, the unit stops the operation immediately.



Connecting the water hose and grounding wire



Trial operation

1. Preparation

Open the shutoff valve and check for any water leaking or dripping.
Plug the power cord in the outlet.
Press the "BIDET" or "CLEANSING", then water tank will be filled with water after about 2 minutes.

2. Checking all function

Cover the toilet bowl using the plastic wrapping sheet of 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 cord outage? Does the power cord unplug? Are you sitting on the seat correctly? | Check for a power cord failure or a tripped breaker Plug the power cord properly Sit on the seat completely (seat switch model only) |
| 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 | Check for all hoses are tightened properly | If water is still leaking or dripping, contact to your dealer |
| Seat, water or air is not enough warm | Is the temperature set to OFF? | Reset the temperature |

11 Specifications

| Model | | SB-610 | SB-620 |
|-----------------------|---------------------|--|---|
| Standard power supply | | AC110V 60Hz | 600W |
| Water supply | Way of connection | Direct Connection to tap water | |
| | Water pressure | 0.08Mpa ~ 0.74Mpa | |
| Cleansng | Spray for cleansing | 1,000 ± 200 mℓ/min | |
| | Spray for bidet | 1,000 ± 200 mℓ/min | |
| | Water tank capacity | 1.0 ℓ | |
| | Spray temperature | Room temp ~ 40 C (104 F) | |
| | Heater capacity | 500W | |
| Safety feature | | Thermal switch, Thermal fuse, Floating switch | |
| Dry | Air temperature | — | Room temp ~ 50°C (140°F) |
| | Heater capacity | — | 500W |
| | Safety feature | — | Thermal fuse |
| Heated seat | Seat temperature | Room temp ~ 40 C (104 F) | |
| | Heater capacity | 70W | |
| | Safety feature | Thermal Fuse | |
| Seat Mechanism | | Hydraulic seat | |
| Circuit breaker | | Within 15mA 0.1 second | |
| Length of power cord | | 1.5 ~ 1.8m | |
| Dimensions | | 20 ¹ / ₂ (W)× 7 ¹ / ₁₆ (H)× 20 ⁷ / ₁₆ (L) inch (elongated) | 20 ¹ / ₂ (W)× 7 ¹ / ₁₆ (H)× 19 ¹¹ / ₁₆ (L) inch (round front) |
| Weight | | 11.7lbs (elongated) / 11.0lbs (round front) | |

WARRANTY

USPA Personal Hygiene Appliance Limited Warranty

- USPA(we) warrant our products to be free from manufacturing defects under normal use and service for a period of one (1) year from date of your purchase. Only the ORIGINAL PURCHASE you may make a claim under this limited warranty.
 - 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.

Purchase Date _____ Purchased From _____

Invoice # _____ Amount Paid _____ Serial # _____

Address _____ City _____ State _____ Country _____ Zip _____

Phone _____ Fax _____ E-mail _____

Mail, email or fax the warranty form to :

YOUR LOCAL DEALER FIRST where you bought this appliance

if your dealer is unable to assist you,

SAMHONGTECH CO., LTD

WOOJUNG TOWN 9F, 1488-7, KWANYANG-DONG, DONGAN-KU, ANYANG-CITY, KOREA 431-060

TEL : +82-31-420-2341~5, FAX:+82-31-426-8666

E-MAIL : webbidet@samhongtech.co.kr <http://www.samhongtech.co.kr>

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