

INSTALLATION INSTRUCTIONS



Trusted in New Zealand Since 1982

BIDETS

Electronic Bidet Seat Plus

31258A



If you are building a bathroom from scratch, giving your bathroom a makeover or just replacing an old tap, Englefield can provide a solution for you.










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Safety Instructions

Be sure to observe the following

- Be sure to read the following safety instructions carefully and use the product only as instructed in this manual to prevent bodily injuries and/or property damage which might happen while using this product.
- Thoroughly understand each of the following symbols (marks and graphical signs), read all instructions and precautions and follow them.

 WARNING Failure to observe any of the following might result in critical injury or death.	 CAUTION Failure to observe any of the following might result in minor injury and/or product damage.
 Strictly prohibited.	 Be sure to unplug the electric power plug.
 Never disassemble or modify this product.	 Do not place in or drop into water.
 Proper grounding required to prevent electric shock.	 Things that have to be observed.
 Never use wet hands.	

*1: Serious injury includes loss of eyesight, severe wound, burn (high, low temperature), electric shock, bone fracture, etc.

*2: Injury means minor wound, burn or electric shock.

*3: Property damage refers to extensive damage relating to house, furniture, livestock or pets, etc.

Exemption from liability

- Manufacturer takes no responsibility for any damages resulting from natural disasters such as earthquakes, lightning and wind damage and flooding, fires not caused by the manufacturer or the bidet product covered by this manual, other accidents, consumer mistakes and/or misuse and abuse of the product or the use of the product under abnormal conditions.
- Manufacturer takes no responsibility for any incidental damages resulting from the use of the product or inability to use the product (lost profits or suspension of business, etc.).
- Manufacturer takes no responsibility for any damages resulting from the failure to observe the contents contained in this manual.

WARNING

When children, the elderly or the invalid use the product, the seat temperature adjustment button should be set to OFF position.

Kids, the elderly, people with sensitive skin, people incapable of adjusting temperature on their own, people who have taken sleep-inducing medicine (sleeping pill or cold medicine, etc.) or people with hangover or severe weariness may sustain low temperature burn or injury.



CAUTION

"OFF"
for kids,
the elderly, etc.

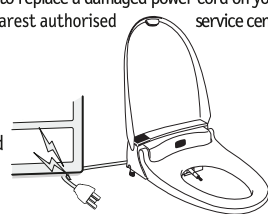


Do not scratch, crack, bend forcibly, twist or pull the electrical power cord. Do not apply heat to, or place heavy objects on, the cord.

Damaged power cord may lead to fire or electrical shock. Do not attempt to replace a damaged power cord on your own. Contact your nearest authorised service center for a replacement.



Prohibited

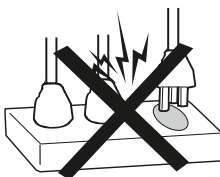


Use an electric wall outlet independently which is suitable for AC 240V, rating over 7 Ampere.

Use of extension cord or sharing an outlet with other products may lead to fire or electric shock.



Over 7A
Rating



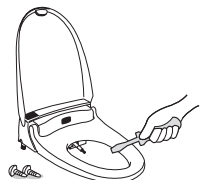
Never disassemble, repair or modify the product.

Doing so may cause fire, electrical shock or injury.

Use a nearest authorised service center for repair.



Disassembly
Prohibited

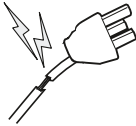


Never use a damaged power cord, damaged power plug, or a loose electrical outlet.

Doing so may result in fire, electric shock, short circuit, Smoke generation or ignition.



Prohibited

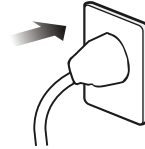


Power plug should be plugged into the wall outlet securely.

Failure to do so may result in electric short circuit, Smoke generation or ignition.



Insert securely



Disconnect the power plug from the wall outlet and drain water from water tank in the case that the product is not used over an extended period of time.

If not drained, the water may become contaminated.



Drain water

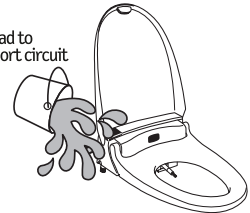


Do not water the product. Do not install the product in wet or damp places. (This product is intended for use on a toilet only, and should not be used for any other purpose).

Failure to observe may lead to electric shock, electric short circuit or fire.



Prohibited

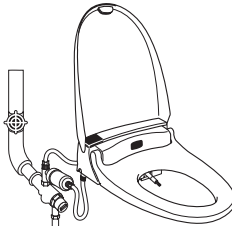


Use tap water or potable water only.

Using recycled water or industrial water may cause cystitis or Irritation to skin.



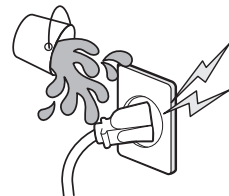
Use tap water



Do not spray water or wastewater into the unit or power plug. Doing so may cause fire or electric shock.



Prohibited



Keep the power plug dust-free by removing the dust using a dry cloth.

Failure to do so may cause a fire.



Wipe off

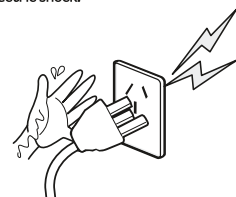


When plugging and unplugging the power plug, never use wet hands.

Doing so may lead to electric shock.



Wet hands prohibited

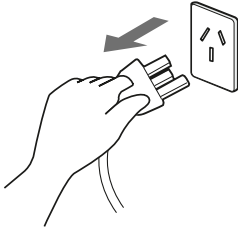


Before cleaning the product, always disconnect the power plug from the wall outlet.

Failure to do so may result in electric shock or injury.



Disconnect power plug



Discontinue using the product in case of malfunctioning. Disconnect the power plug from the electrical outlet and close the water valve if any of the following occur;

- Water leaks from either the main unit or the water pipe.
- The product makes odd noises or produces unpleasant odour.
- Abnormal heat from the main body.
- Fuming from main body.
- Crack or break on main body.

Continuing use of a malfunctioning product (as mentioned above) may lead to fire, electric shock or water leakage. Please contact the dealer or an authorised service centre for repair.

Safety Precaution



CAUTION

Please do not use the product for usage other than that described in this user manual.

Failure to do so may lead to fire, electric shock or injury.



Prohibited

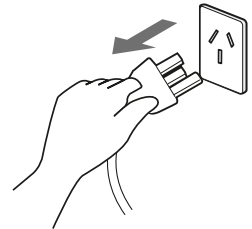


Grab the plug-knob for unplugging the power plug.

Failure to do so may result in electric shock, electric short circuit or fire.



Disconnect power plug

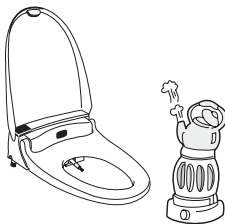


Do not put stove, heater, or cigarettes in or near the product.

Doing so may lead to fire, discolouration or malfunctioning.



Prohibited



Do not rest against the seat cover when sitting on the seat.

This may cause the seat cover to break, which may lead to back injury if the user loses his/her balance and tumbles over.



Prohibited

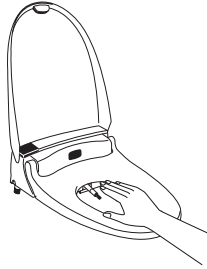


Do not insert fingers into or block off the warm air blower outlet.

Doing so may result in burn or injury.



Prohibited

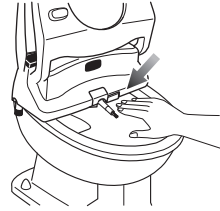


Do not spray water, insert fingers or other objects into warm air outlet or nozzle gate.

Doing so may lead to electric shock or product malfunctioning.



Prohibited



Do not let a child alone use this product. He/she may fall into the toilet bowl.

Children being supervised not to play with the appliance.



CAUTION

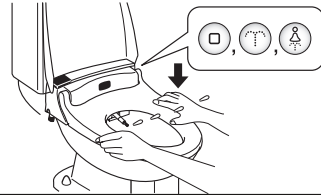


Always press the panel or remote control button while the seat is occupied.

Otherwise, the person standing by the product or the floor may get wet due to warm water coming out of nozzle.



CAUTION



Shut off the water valve before removing the filtering mesh for cleaning.

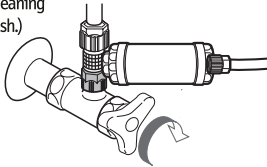
Make sure to fasten it up after the cleaning.

Failure to observe may lead to water leakage.

(See page 27 for cleaning of the filtering mesh.)



Close

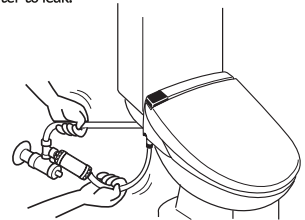


Do not pull forcibly or apply excessive force to the water feed hose.

Doing so may cause water to leak.



Prohibited

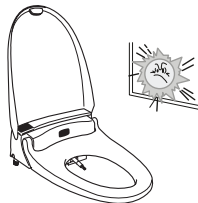


Select the installation place to be out of direct sunlight (ultraviolet rays).

Doing so may result in worsening of product surface such as discolouration or fading and/or product degradation.



Prohibited

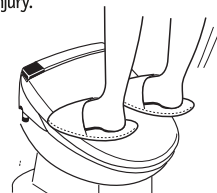


Do not stand on, or give a shock to, the main unit.

Doing so may lead to deformation or breakage of the product, resulting in bodily injury.



Prohibited



Never use acidic or alkaline bathroom detergent, benzene, thinner, cleanser or nylon scrubber when cleaning the product. Doing so may damage plastic or metallic parts.



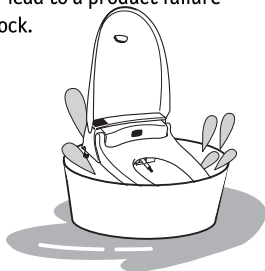
Prohibited



Do not place or drop the product into water. It may lead to a product failure or electric shock.



Never place
in water



Do not throw glowing cigarettes or other burning materials in the toilet.



Prohibited

Glowing cigarette is to be fixed in a conspicuous place beside the toilet

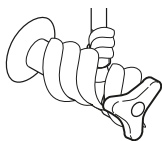


Prohibited

Freezing may break pipes, and may cause leakage. When freezing is highly expected, drain the water from the water tank.



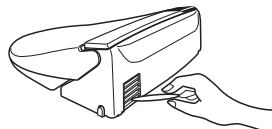
Keep warm



Do not insert fingers or other objects into deodorization cassette housing. Doing so may lead to injury in the fingers due to rotating deodorization fan.



Prohibited



CAUTION

The user of this bidet product should not weigh more than 120kg.



CAUTION

Any person having a female-specific disorder, skin disorder or disease in the sensitive private area should consult a physician before using this product. This product is not medical equipment.



CAUTION

Water pressure setting should be positioned to 'Low' or 'Very Low' when the product is used by a person having sensitive skin or a disease in the sensitive private area, the elderly, the invalid or the disabled. Failure to do so may lead to damage to skin.



CAUTION for
usage

In the event that the bidet seat is to be reinstalled on a different toilet (ie: product relocation), close water valve, disconnect power plug from electrical outlet, and completely drain and remove water from the main unit before packaging the product for movement.

- If the product is moved with some water inside the main unit, water leakage from water tank may cause electric shock, fire or product failure.
- Please refer to page 28 of this manual concerning how to remove water from the main unit.
- Please contact the dealer or retailer where the product was purchased for further information.



WARNING

Use the genuine water filter only. Manufacturer shall not be responsible for any problem resulting from use of any other filters.

Operational Instructions

- IMPORTANT:**
- * Connect to mains cold water supply only. Do not connect to hot water supply.
 - * Water supply pressure for normal operation: Min 220kPa - Max 500kPa.
 - * This douche seat is supplied with a low-medium hazard backflow protection device complying with AS/NZS 2845.1
 - * This product must be installed in accordance with AS/NZS 3500.1, which requires provision of a High Hazard Backflow Prevention device (not supplied). This requirement is subject to local authority inspection.
 - * This product must be installed with a Ground Fault Circuit Interrupter (GFCI) or a Residual Current Device (RCD) - see page 14 for electrical grounding instructions.
-

When the product is operated while the toilet seat is not occupied be careful as water may splash. This can occur in the following cases:

- When a child intentionally presses the button
 - When a button is pressed during cleaning
 - When an object is placed on the remote control.
-

Have a specialized plumber install the hot water feed pipe and the flush valve in the cold area. Contact specialized technician. Keep the unused water pipes for future use.

Do not open/close the toilet seat and cover using excessive force. Doing so may lead to breakage or malfunction.

Drain water completely out of main unit to prevent possible water leakage and unplug the power cord, when the product is not in use for a long time.

Do not press the button so hard on the remote control or panel. Doing so may cause malfunction.

Water supply to the toilet water tank may be interrupted if the ball-tap connecting screw is tightened, when disassembling the water pipe or connecting water feed hose. Do not touch ball-tap connecting screw.

Wipe up the main unit with a soft cloth when dirty. Clean with a diluted neutral detergent using soft cloth and then wipe off with the remaining with damp cloth if it is excessively dirty.

If the direct light or the light from inverter fluorescent lamp comes in contact with the receiver of remote controller signal, the remote controller may not operate properly. In such case, remove the remote controller from the holder and use it while holding with the hand.

Install the remote controller in the place where the signal can easily reach the signal receiver.

Water may keep running out of nozzle after cleansing. It does not indicate abnormality. It is residual water from the inside pipes. It will stop after 2 minutes. If water runs continually in an unusual manner, shut off the valve, unplug the power cord and call the service centre or the dealer.

Cleansing water will not flow from nozzle if water pressure control is set to low in the area of low tap water pressure. Please set the water pressure control to "high."

Cleansing will stop automatically by the timer after about 2 minutes of continuous use. Push the button again if required.

Keep clean the nozzle and warm air blower outlet against the possible stain from urine. It may cause malfunction.

Keep the nozzle clean against the contamination. It may cause bad odor or malfunction.

Deodorization will stop automatically after 15 minutes of continuous use. Please stand up and sit again for longer use. The main purpose of deodorization is to remove the odor in toilet bowl. It's not for the whole bathroom.

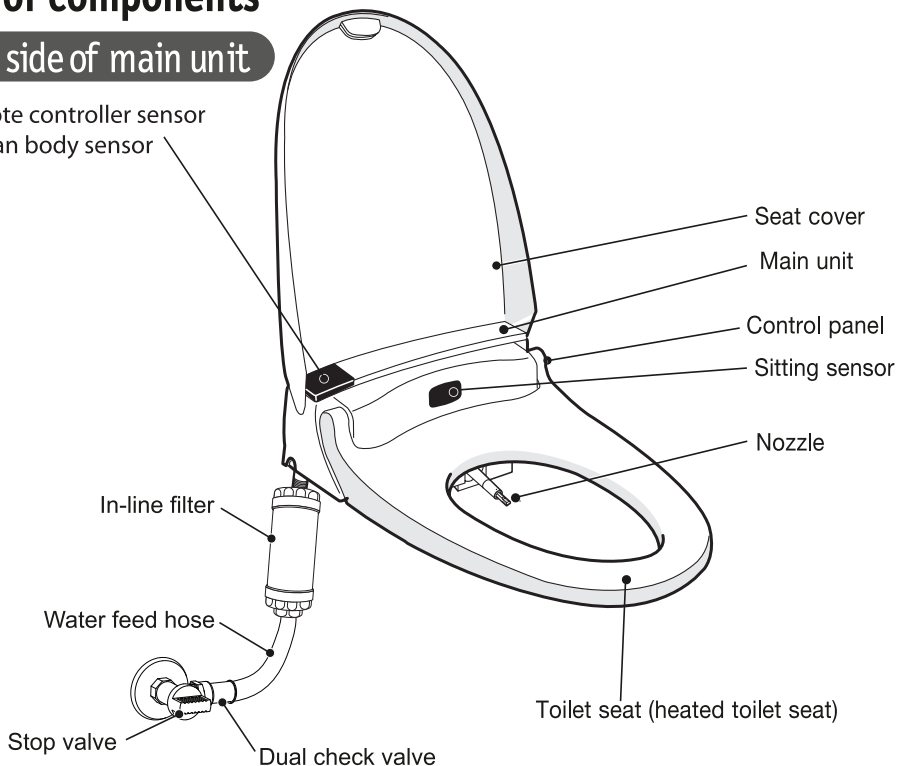
Never place the remote controller near the stove, drop or dip into water. Never drop the remote controller into toilet bowl. Doing so may lead to malfunction.

Replace batteries in the remote controller periodically. Otherwise, the remote controller may not properly operate due to weak batteries.

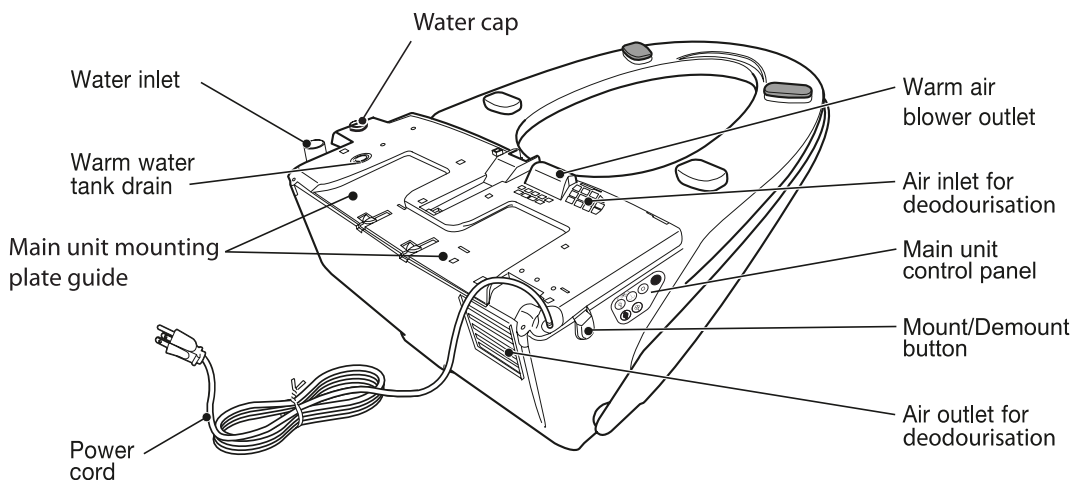
The remote controller may not operate properly if things like curtain are in between the controller (transmitter) and the receiver.

Name of components

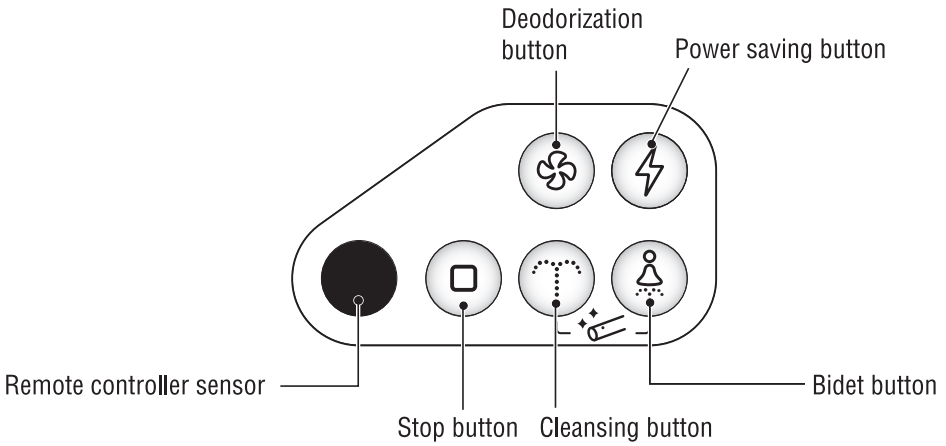
Front side of main unit




Rear side of main unit

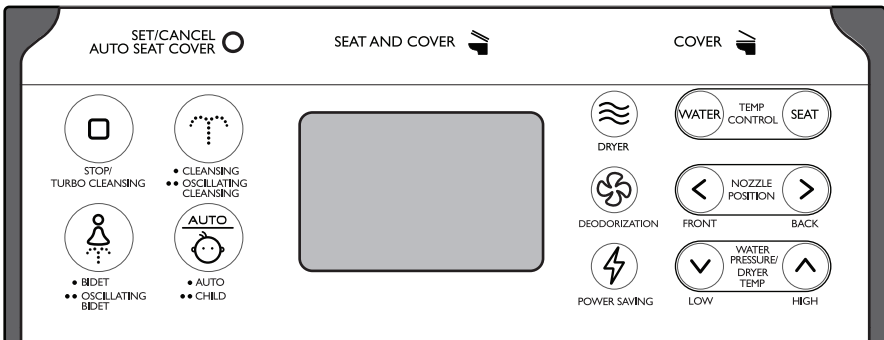


Control Panel

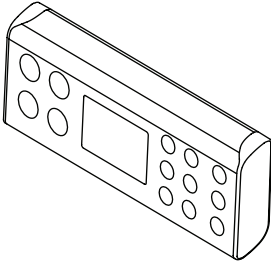


※  (Nozzle cleaning): Press and hold for more than 3 seconds both cleansing and bidet buttons at the same time.

Remote Control

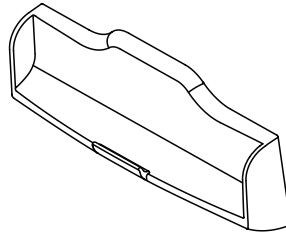


Remote controller



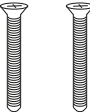
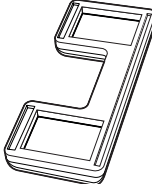
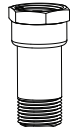

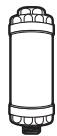


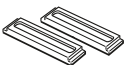
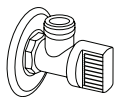
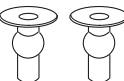
Remote controller holder

The holder in which remote controller is kept is attached to the wall.

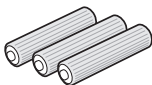


Accessories

Items required for installation

 <p>Bolt 2pcs</p>	 <p>Mounting plate guide 1pc</p>	 <p>Dual check valve (DCV) 1pc</p>	 <p>Water feed hose 0.5m 1pc Seal 2pcs</p>	 <p>Water filter 1pc</p>	<p>Additional component in NZ model (31258A-0) for optional alternative installation setup.</p>  <p>T-connector 1pc Packing 1pc</p>
 <p>Washer 2pcs</p>	 <p>Mounting Plate 2pcs</p>	 <p>Stop valve 1pc (not supplied)</p>			
 <p>Threaded boss 2pcs</p>					

Items required for installation of remote controller



Three AA batteries 1.5V (not supplied)



2 pieces of double-stick tape

Installation Instructions

- Required tools: Phillips screwdriver
Adjustable crescent

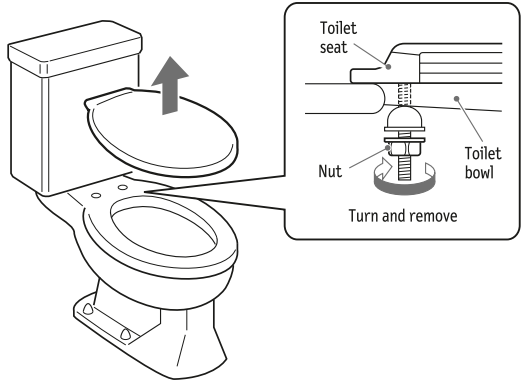
IMPORTANT
This Bidet Douche Seat must be installed in accordance with AS/NZS 3500.1 Plumbing and Drainage - Water Services

- 1** Close water supply stop valve.
- Check if any other appliance uses water before closing the valve.

- 2** Remove the existing toilet seat.
- Remove the seat by untightening the nuts using a tool such as a spanner or crescent.
 - For a normal installation where the bidet seat has its own water supply, proceed to step 4.

Note

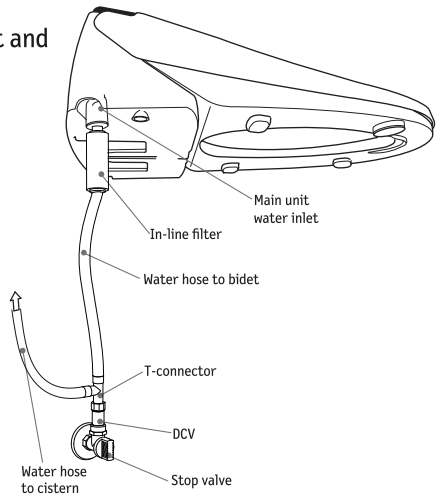
- Keep the removed seat, seat cover, nuts, etc. in a safe place for future use just in case.



- 3** Installation with separate water supplies for the toilet tank and bidet seat. Refer to Step 3 if using the T-connector to split the water supply for cistern and bidet seat.

- A longer water feed hose may be required. Your plumber will be able to supply this.
- The new hose-set supplied with the appliance are to be used and the old hose-set should not be re-used.
- For separate water supplies to the bidet and cistern, skip to Step 4.

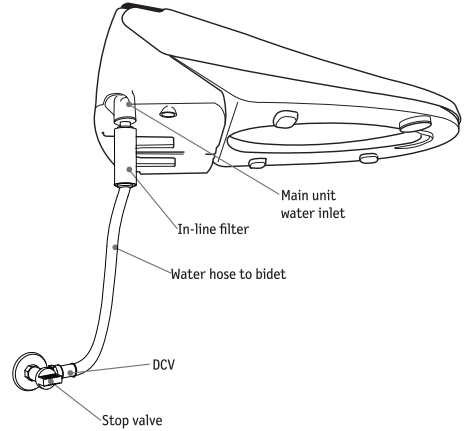
1. Shut off the water mains and connect a stop valve to the water supply.
2. Connect the dual check valve and the T-connector in this order.
3. Connect the in-line filter to the water inlet on the main unit.
4. Connect hoses from the legs of the T-connector to both the toilet cistern and in-line filter on the bidet seat.
5. Reinststate the water supply and check for any leaks.



Installation Instructions

4 Installation for single water supply.

1. Connect the dual check valve (DCV) to the stop valve.
2. Connect the in-line filter to the water inlet on the main unit.
3. Connect the water feed hose between the filter and DCV.



5 Install the main unit.

Note

- In a retrofit installation, the existing seat mounts may need to be removed.

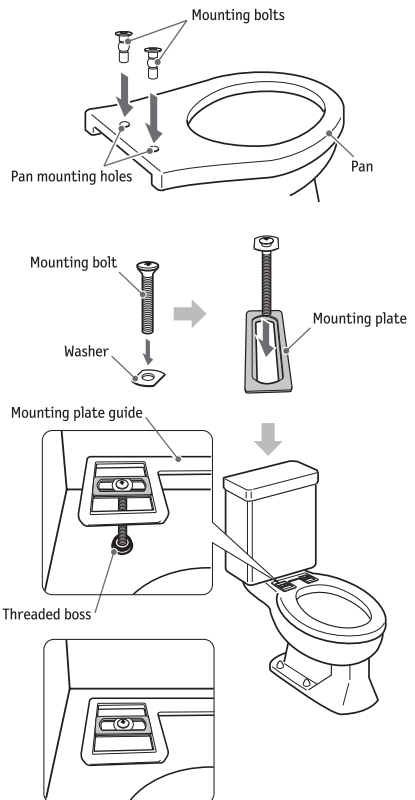
1. Insert the threaded bosses into the seat mounting holes in the pan.
2. Pass the mounting bolts through the washers and mounting plates. Then locate mounting plates inside the guide, as shown.
3. Screw the mounting bolts in and tighten with a screwdriver.

Note

- Over time, the screw bolts may get loose. In such case, tighten the bolts again with a screwdriver.



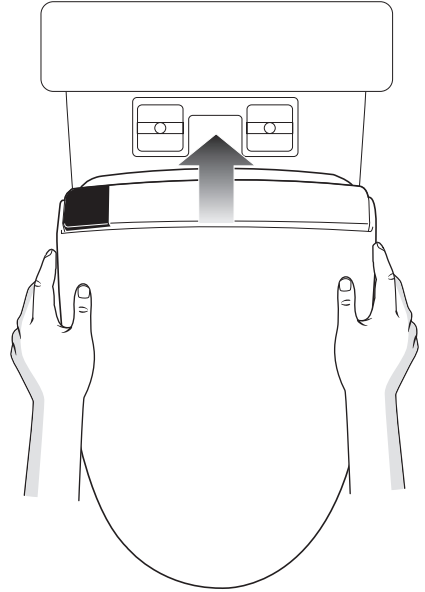
- ① The distance between the bolts can be adjusted depending on the hole locations on the toilet bowl.
- ② Carefully align the centers of the main unit and toilet bowl when attaching.



Installation Instructions

4. Ensure the unit is clear of any packaging etc.

5. Align the center of main unit to the center of the plate guide and push it all the way back until you hear a 'click' sound.

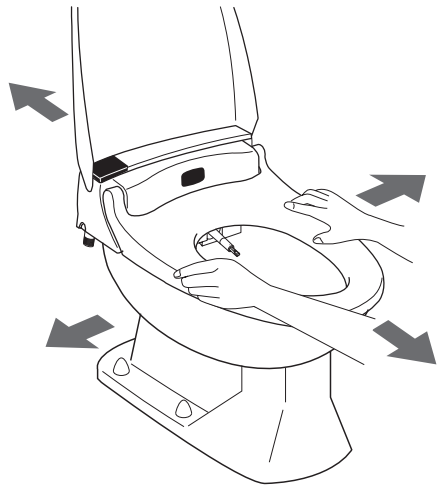


6. Check that the main unit does not easily come off by moving the unit in four different directions.

- When the main unit is installed to the toilet bowl, it may be a little movable, which does not indicate abnormality. This happens with the removable type of main unit.

Note

- The main unit may become heavily movable if used over an extended period of time due to loose bolts. Fully tighten the bolts if this happens.



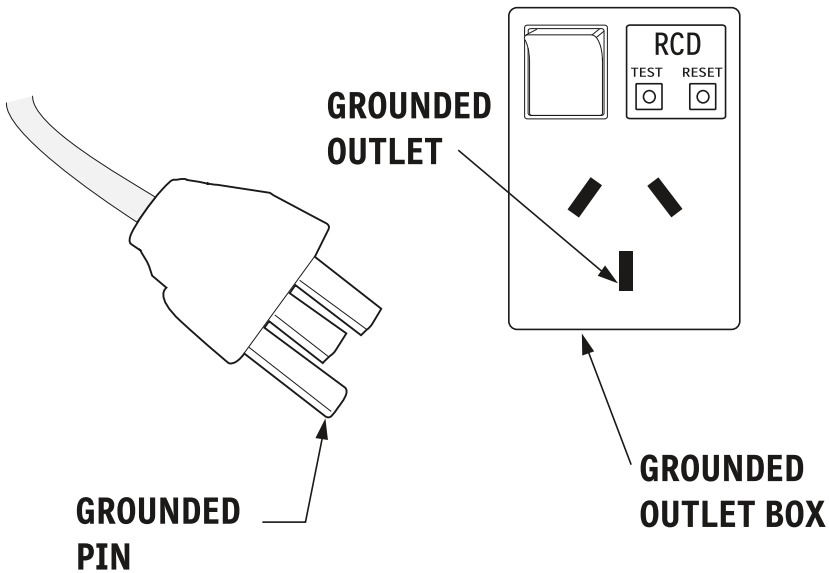
Grounding Instructions

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 by a suitably qualified electrician, and grounded.

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

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.



Things to be checked after installation

Check for water leakage

Check for water leakage from any of the pipe connections after installation.

Inspection points

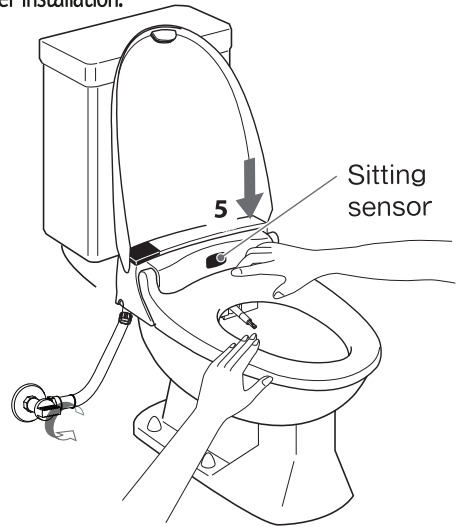
- Check if there are any loose connections or joints before turning on the water valve.
1. Open water supply.
 2. Open water feed valve and check if water leaks from any pipe joints.

If water leaks



1. Close water supply.
2. Disassemble the joint where water is leaking and connect properly again.

Note

- If water continues leaking, close water valve and contact your nearest authorised service center.



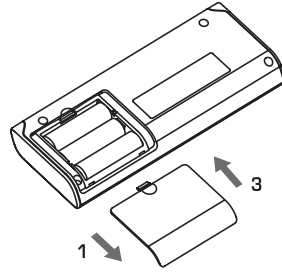
Operational Check

1. Open mains water supply (Applicable only when closed).
2. Open water feed stop valve.
 - Check if water leaks from pipe, water tank hose or water feed hose joints. If water leaks, close the water feed valve, separate the valve and check if rubber packing is inserted. If not, insert the packing and reassemble the water feed valve.
3. Connect the power plug to the wall outlet.
 - Nozzle extends and retracts once, and the control panel lamps keep blinking (at initial operation.)
4. Press  button on the remote control.
 - Water pressure/Dry Air lamp goes off when the tank is full of water, and Seat Temperature, Water Temperature and Water Pressure are set to Low, respectively.
 - Wait until cleansing water gets warm (takes about 5 minutes).
 - Check if the seat gets warm, too.
5. Approach hands to sitting sensor (within 5 cm) so that it may be activated.
6. If the tank is full of water, press  button one more time and check if the posterior cleansing system is operating correctly.
 - Check if nozzle extends and discharges warm water.
(Cover up the nozzle to prevent water from spraying outside.)
7. After confirming that warm water is coming from the nozzle, press stop button or deactivate the sitting sensor so that the operation may be stopped.
 - Cleansing operation stops and nozzle retracts.

How to install the remote control

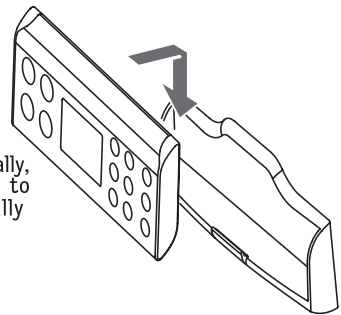
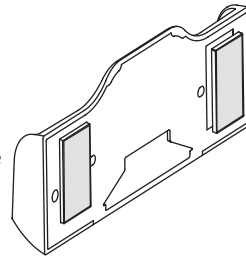
1 Insert three AA batteries.

1. Take out the remote controller from the remote controller holder and open the battery cover on the back side.
2. Insert three AA batteries (1.5V) while paying attention to \oplus , \ominus signs.
3. Close the battery cover.



2 Install the remote controller on the wall.

1. Attach the double-stick tape on the back side of the holder. Red side of the tape should be visible.
 - * Once the holder is attached to the wall, it is difficult to remove. Therefore, it is recommended that the proper location for the remote controller to be installed should be determined before the holder is attached on the wall
2. Thoroughly clean the area on the wall where the holder is located, remove the red cover from the double-stick tape and attach the holder to the wall.
 - * Signal can be better received by the receiver if the remote controller holder is located as close as possible to the main unit control panel.
3. Put the remote controller into the holder, press the dry button on the remote controller while the sitting sensor is activated and check if the product operates normally.
 - * In the event that the product does not operate normally, the remote controller holder has to be relocated to another place where the remote controller normally operates.



3 Put the remote controller into the holder.

- * Check and confirm if the remote controller is properly installed in the holder.

How to use the basic features

WARNING


Set the Seat Temp control button to “OFF” or “LOW” if the product is used by the following persons:



CAUTION

- Young children, the aged or users incapable of setting the temperature themselves.
 - People with sensitive or irritated skin,
 - People having taken sleep-inducing medicine such as sleeping pills or cold medicine,
 - People suffering from hangover or severe physical fatigue.
- Failure to do so may lead to the low temperature burn or injury.

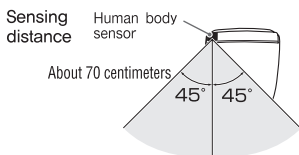
Note:

- Use three AA size batteries.
- Blinking the  means that the batteries need to be replaced.
- If remote control doesn't work for any reason, use the buttons on the main unit panel.
- LCD display turns on if any button is pressed and turns off 5 seconds after the main unit starts to operate.
- The turbo, cleansing, bidet and auto/child function will not work unless the seat cover is opened and the seat is occupied.

1: How to set automatic and manual seat and seat cover operation.

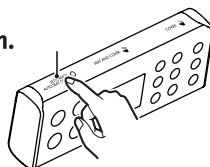
Note: The seat cover operation (open/close) is automatic by default.

Automatic: Set seat cover switch on the remote controller to “ON”. The seat cover will be automatically opened when a person is closer than 70 cm to the toilet bowl. If nobody is near the toilet bowl within 70cm, the seat cover will close after approximately 2 minutes.



Note: please ensure that the sensor is never in contact with water.

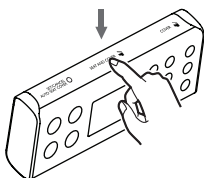
Caution: If movement of any object or sunray from window is detected by sensor, seat cover will be opened.



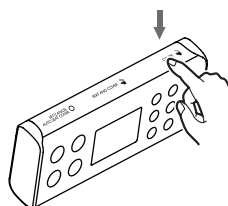
Manual: Set seat cover switch on the remote controller to “OFF”

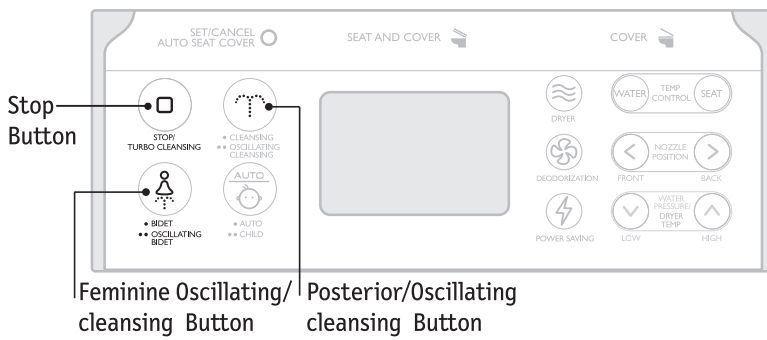
***For both settings, manual and automatic:

* Press “SEAT AND COVER” button to open or close seat and cover.



* Press “COVER” button to open or close cover.





Posterior/Feminine cleansing

1 Sit on the seat.



2 Press  or  button.

- Nozzle cleaning starts when cleansing or bidet button is pressed.
- Nozzle position can be adjusted as desired when nozzle position control button is used.
- The continuous operation of the cleansing or bidet function will deplete the supply of warm cleansing water, dropping the water temperature. It is recommended that the cleansing or bidet function be stopped and only used again after the cleansing water gets warm.
- Water temperature and/or seat temperature may be adjusted while cleansing or bidet function is used.

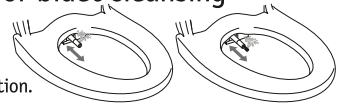
Note

- Do not apply excessive force when pressing a button. Doing so may make the button inoperable.

Oscillating cleansing/Oscillating bidet cleansing

3 Press  or  button while cleansing or bidet cleansing to activate the oscillating function.

- Nozzle moves back and forth to provide cleansing of a wider area.
- Press cleansing or bidet button to deactivate the oscillation function.



4 Press  button to stop the cleansing.

- Cleansing or bidet light will turn off. Nozzle moves back and forth 3 times around the nozzle inlet for self-cleaning.
- Cleansing or bidet cleansing function may not be selected during the self cleaning process.
- Press cleansing or bidet button one or more times to deactivate the oscillation function.

Note

- Continued use of cleansing for more than 2 minutes will activate the timer thus stopping the cleansing operation automatically. For continued operation, press the cleansing button again.

5 Stand up from seat.

- Note**
- Sitting sensor gets deactivated and cleaning is not operable. Under automatic deodorization mode, deodorization stops after one minute.
 - Water coming out of the nozzle right after the cleansing operation does not indicate a product failure. It stops about two minutes after the remaining water in the hose has completely drained.
 - If the water runs continuously in an unusual manner, contact your nearest authorised service center after closing the water valve and disconnecting the power plug from the wall outlet.

6 Seat cover is closed.

- Note**
- If seat cover operation switch on the remote control is "ON", seat cover will be closed automatically 2 minutes after nobody is near the toilet bowl within 70cm. If toilet seat is open, it will be closed automatically as well.

- Toilet seat and seat cover are designed to be operated slowly and smoothly. Never apply excessive force to them as it may lead to breakage.



How to use the additional features



Turbo cleansing

Upon sitting on the toilet seat, press button in advance.

- Warm cleansing water is sprayed and touches the skin producing a massaging effect while the nozzle moves back and forth.
- Warm water is sprayed for two minutes with water pressure set to “HI”. You may adjust the water pressure during the turbo cleansing operation.
- If you are ready to use the toilet press the button to stop the turbo operation.

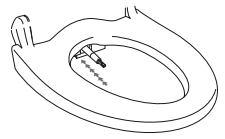
Nozzle position control

Press or button while cleansing or bidet cleansing is operating.

- Initially nozzle is positioned in the center and it moves three steps forward and three steps backwards during cleansing or bidet cleansing operation.

Note

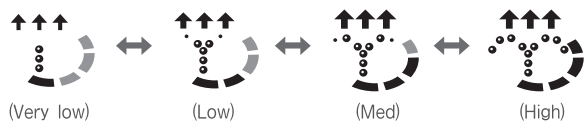
- The nozzle position used the last time is not automatically saved. The nozzle returns to its initial position (center) once the cleansing or bidet cleansing operation is complete. Therefore, you need to reset the nozzle position each time you use the product.

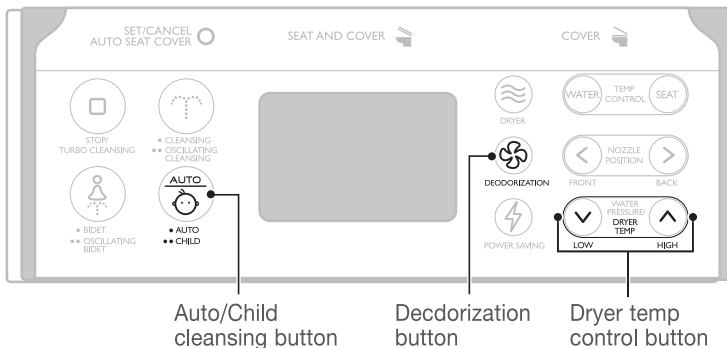


Water pressure control

Press or button to set the water pressure level.

- There are 4 water pressure level options.
- Unless changed, the current water pressure level setting will be used.
- If the water pressure level setting is changed the new setting will be saved.
- If water pressure is set to LOW in area of low water pressure, cleansing water may not work. Set the pressure level to HIGH in such case.





Auto/child cleansing



For auto cleansing operation, press the button only once.

- 2 minutes of oscillating cleansing followed by 5 minutes of drying then stops.
- Saved water and toilet seat temperatures are used.



For child cleansing operation, press the button twice.

- The button needs to be pressed consecutively.
- 2 minutes of oscillating cleansing followed by 5 minutes of drying then stops.
- During this operation, water pressure is set to low and drying air and seat temperatures are automatically set to medium.
- Nozzle position is set at two steps forward from centre as convenient for the elderly or child.

Deodourisation



Press  button.



- Deodourisation light will turn “ON” and deodourisation will start.
- Press the deodourisation button to activate or deactivate this function on or off.
- When the seat is occupied and the sitting sensor is activated, deodourisation will start.
- When the sitting sensor is deactivated, deodourisation will continue for about 1 minute.
- If the button is pressed during operation the deodourisation operation will stop, the light will turn “OFF” and the setting will be cancelled.

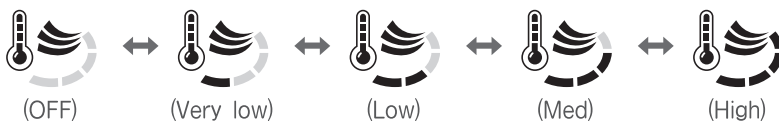
Note

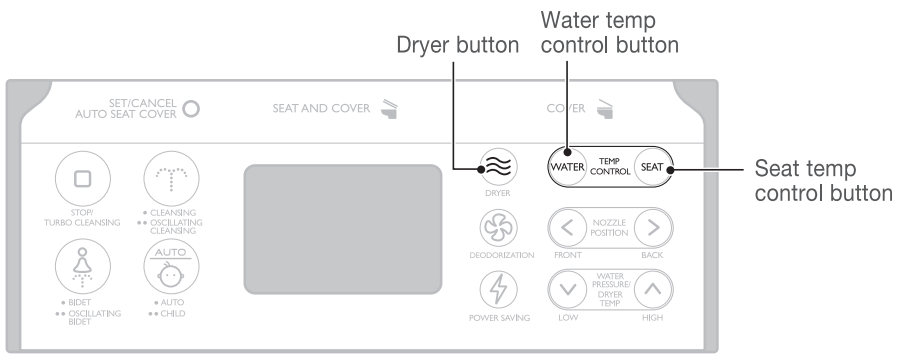
- Deodourisation time is 15 minutes as a maximum, which means that the deodourisation stops in 15 minutes even if the sitting sensor is still activated.

Air temperature control

Press  or  button.


- To set the air temperature, press the water pressure/dryer temp   button.
- There are 5 air temperature level options including heater OFF.
- Air temperature cannot be set when drying function is not operating. Touch the drying button first before adjusting the air temperature.





Drying

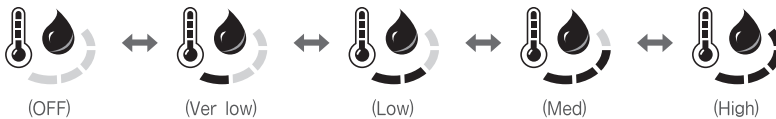
Press  button.

- To stop the drying operation press  button
- Drying operation will stop automatically in 5 minutes. Press the button again for continuous drying operation.
- Using dry tissue to remove moisture before drying operation will help to reduce the drying time.

Water temperature control

Press  button.

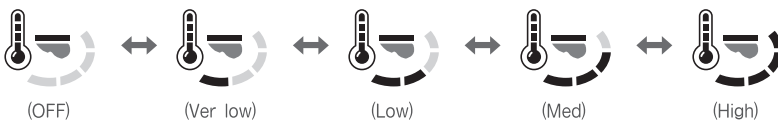
- There are 4 water temperature level options including water heater OFF.
- The temperature setting is changed each time the button is pressed.



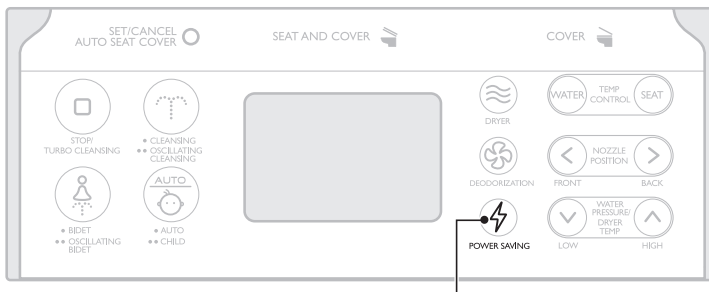
Seat temperature control

Press  button.

- There are 4 seat temperature level options including seat heater OFF.
- The temperature setting is changed each time the button is pressed.
- Low temperature burn prevention feature. This feature automatically lowers the toilet seat temperature from the 'HIGH' setting to the 37°C 10 minutes after the seat has been vacated.



Note • Actual seat temperature depends on the ambient temperature. Keep the seat cover closed to keep the seat warm and conserve energy.



Power saving mode button

Power saving mode

Press  button.

- Pressing the button once will set Lo Econo. Pressing the button a second time will set Hi Econo. Pressing the button a third time will cancel power-saving mode.
- **Lo Econo**
 - When the product is not in use the seat temperature will be 28°C irrespective of the settings. (Power is saved by reducing the time to heat the seat)
 - When seat is occupied, seat temp is raised to the set temperature (It takes about 3 minutes but may vary depending on ambient temperature).
- **Hi Econo**
 - When the product is not in use, the power saving mode will continue for 8 hours and all the lamps except power saving and power are OFF.
 - When the seat is occupied seat temperature is raised to the actual setting level. It takes about 5 minutes to get to the temperature. All lamps except for power saving are ON.
 - When the power saving mode is OFF, power saving function is not activated.

Other tips for saving electric power

Refer to the following methods for power saving.

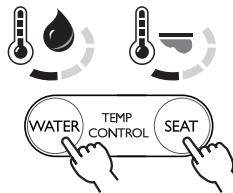
- **Keep the cover seat closed when the product is not in use.**

Keeping the seat cover closed will help reduce power consumption as loss of heat from the seat is decreased.



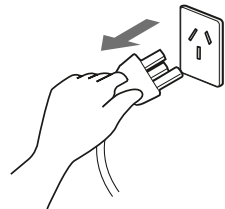
- **Set a lower temperature**

Set a lower temperature whenever possible.

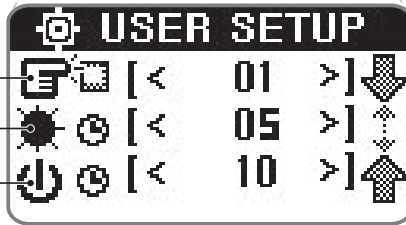
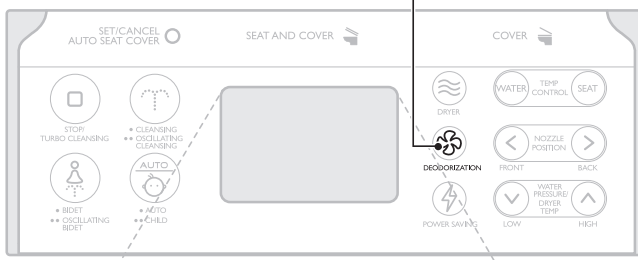


- **Unplug the power plug**

Disconnect the power plug when the product is not used over an extended period of time.



Decdorization button




Touch sensitivity

LCD lighting time

LCD display time


Touch sensitivity setting

Press and hold  Button for 5 seconds.

- Press “V”, “^” of “Water pressure/Dryer temp” to select 
- Press “<”, “>” of “Nozzle position” to select touch sensitivity level.
- There are 7 touch sensitivity level options.
- Press stop button to confirm the setting and exit the setting screen.


LCD lighting time setting

Press and hold  Button for 5 seconds.

- Press “V”, “^” of “Water pressure/Dryer temp” to select 
- Press “<”, “>” of “Nozzle position” to select LCD lighting time .
- There are 5 lighting time options, 3 seconds, 5 seconds, 10 seconds and “OFF”.
- Press stop button to confirm the setting and exit the setting screen.

LCD Display time setting

Press and hold  Button for 5 seconds.

- Press “V”, “^” of “Water pressure/Dryer temp” to select 
- Press “<”, “>” of “Nozzle position” to select LCD display time .
- There are 3 display time options, 10 seconds, 20 seconds, and “ON”.
- Press stop button to confirm the setting and exit the setting screen.

Warning



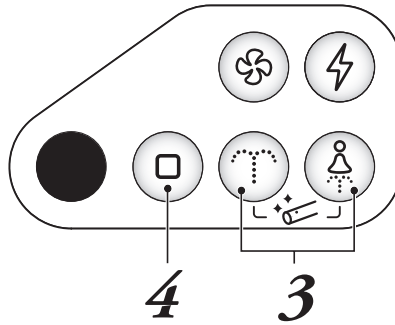
Caution

Set the seat temperature control button to “OFF” is the product is used by fallowing people:

- Young children, elderlies or users who are not able to set the temperature properly.
 - People with sensitive skin or skin irritation.
 - People with hangover or severe weariness.
- Failure to do may sustain low temperature burn or injury.

How to use main unit control panel

Note: Cleaning and bidet can be operated only after the human body sensor is activated.



1 Open the seat cover manually or by activating the human body sensor

2 Sit on the seat

3 Press  or  button.

- Nozzle cleaning starts when cleansing or bidet button is pressed.
- Press again to start the oscillation function.
- Nozzle position can be adjusted in 6 different positions by using nozzle position control button on the remote control.
- The cleansing or bidet function will stop after 2 minutes, Press the button again to resume the function.

Note: To stop cleansing or bidet function when started by using control panel button on the main unit, do not press “Stop” on the remote control. Always press “Stop” button on the main unit control panel in such case.

4 Press  button to stop the cleansing.

- Cleansing or bidet light will turn off. Nozzle moves back and forth 3 times around the nozzle inlet for self-cleaning.
- Cleansing or bidet cleansing function may not be selected during the self cleaning process.
- After the self cleaning function stopped, wait for few seconds and then press cleansing or bidet button one or more times to deactivate the oscillation function and start the cleansing or bidet function.

Note: Continued use of cleansing for more than 2 minuts will activate the timer thus stopping the cleansing operation automatically. For continued operation, press the cleansing button again.

5 Stand up from seat .

- Under automatic deodorization mode, deodorization stops after one minute.

Note: Water coming out of the nozzle right after the cleansing operation does not indicate a product failure. It stops after the remaining water in the hose has completely drained.

6 Close the toilet seat .

- If seat cover operation switch on the remote control is "ON", seat cover will be closed automatically 2 minutes after nobody is near the toilet bowl within 70cm. If toilet seat is open, it will be closed automatically as well.
 - Toilet seat and seat cover are designed to be operated slowly and smoothly. Never apply excessive force to them as it may lead to breakage.
-

How to take care of this product

WARNING



Disconnect power plug

Disconnect the power plug while cleaning the product

Failure to do so may cause electric shock or injury

CAUTION



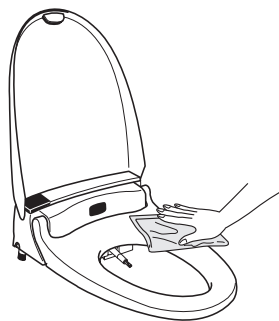
Prohibited

Never use acidic or alkaline toilet detergent, benzene, thinner, cleanser or nylon scrubber when cleaning the product

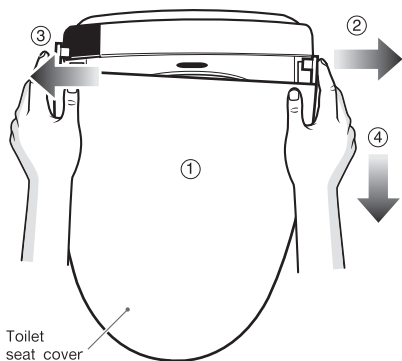
Doing so may damage plastic or metallic parts.

Main unit

1. Disconnect the power plug from the wall outlet.
2. Use a soft and wet (with water) cloth only when cleaning the unit
3. Clean with a soft and wet (with neutral detergent) cloth if the unit is very dirty, and wipe off the detergent with a wet (with water) cloth.
Check the detergent type before using the detergent.
Seat cover may be separated for cleaning.
4. Connect the power plug to the wall outlet after cleaning is complete.

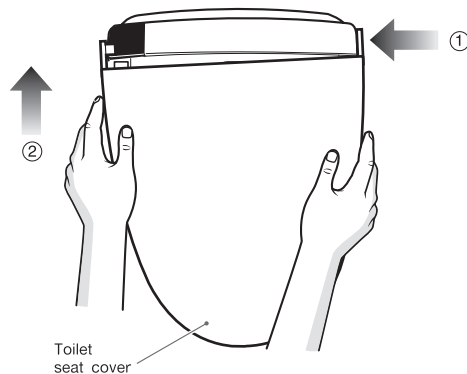


Separation and reassembly of toilet seat cover



Separation

- ① Close the cover.
- ② Stretch out the right hand shaft of the seat cover.
- ③ Pull out the left hand shaft of the seat cover.
- ④ Remove the seat cover.



Reassembly

- ① Insert the right hand shaft of the seat cover to the right hand side of main unit.
- ② Insert the left hand shaft of the seat cover to the left hand side of main unit.

Note

- Do not close the toilet seat or seat cover forcibly. Doing so may damage the rotation shaft, thus preventing easy opening and closing.

How to take care of this product

CAUTION



Close the water valve before removing the filtering mesh. The filtering mesh should be installed securely after cleaning to avoid water leakage.

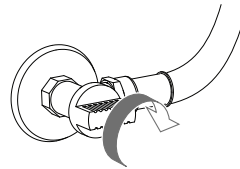
Close

Failure to do so may cause water leakage.

Cleaning filter net

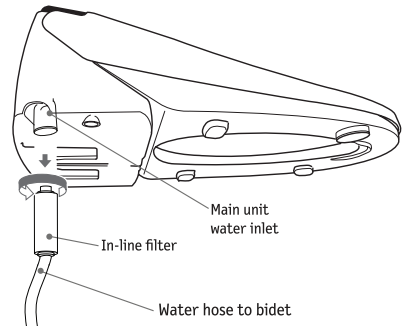
1 Disconnect the power plug from the wall outlet.

2 Close the water feed valve.



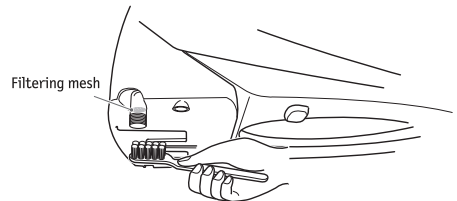
3 Separate water feed hose and filter from the main unit.

- Be careful so that the floor does not get wet due to water remaining inside the hose.



4 Clean inside the filtering mesh using a toothbrush, etc.

- The filtering mesh is built into the water feed inlet of the main unit.



5 Connect the water feed hose and filter to the main unit and open the water feed valve.

- Check for leaks.

6 Connect the power plug to the wall socket.

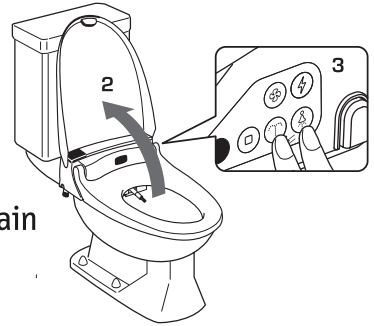
Nozzle cleaning

1 Connect the power plug to wall outlet.

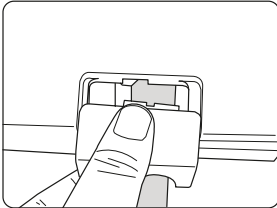
2 Open the seat cover and toilet seat.

3 Press and hold   buttons on the main unit control panel for 5 seconds.

- Nozzle moves back and forth 3 times for self-cleaning and stops moving while fully extended.

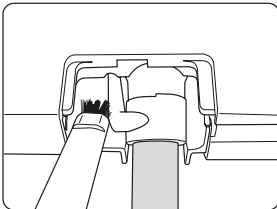


4 Clean the nozzle while it is fully extended.



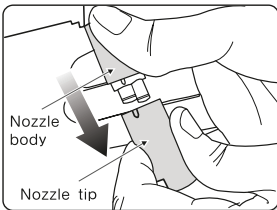
1. Separate the nozzle cleaning cover.

Note • Never use rough brush while cleaning nozzle. It may lead to scratch or nozzle damage.

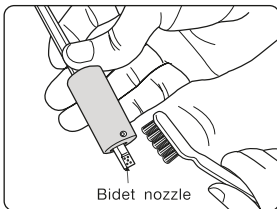


2. Put a soft wet sponge, brush or cloth inside.

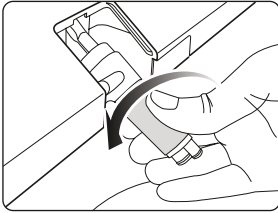
Note • Be careful not to get any water into the warm air outlet.



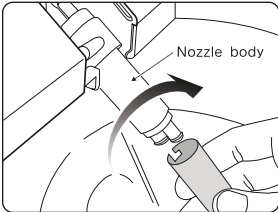
3. Pull the nozzle tip from the nozzle body while holding the nozzle body and separate the tip.



4. Using a tool inside the separated tip, push the bidet nozzle so that it may be cleaned with a soft sponge, brush or cloth.

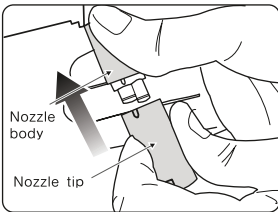


5. Rotate the stainless steel part of the nozzle body counterclockwise and separate it so that it may be cleaned with a sponge, etc.



6. To put the stainless steel part back onto the nozzle body, rotate the stainless steel part clockwise with the hole facing downwards.

Note • Make sure the stainless steel part is secure.




7. Put the cleaned nozzle tip back onto the nozzle body while holding the nozzle body.


Note • Putting back the cleaned nozzle tip onto the nozzle body without holding the nozzle body may let the nozzle go into the product, so this may lead to product breakdown or failure.

Note

- Do not damage the nozzle hole.
- Do not apply excessive force to the nozzle.
- Do not separate and clean the nozzle too often. Doing so may cause a problem.
- Cleansing nozzle tip is assembled a little tightly to ensure air-tightness.
- Be careful so that no bodily injury may occur when separating the nozzle tip for cleaning.

5

Press  button on the main unit control panel.

- Nozzle retracts only when  button is pressed after cleaning is done.

Note

- There may be a strange sound when nozzle retracts which does not indicate product failure.

6

Put the nozzle cleaning cover back and slowly close the toilet seat and cover.

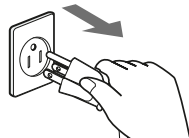
How to prevent freezing and to care for the product when it's not in use over an extended period of time

Remove moisture around the water feed system as freezing may lead to a breakage of the system. Remove moisture when the product is not in use for an extended period. Water may become spoiled causing skin irritation.

Prevention of freezing and long-term care for the product

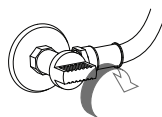
1 Unplug the power plug.

- Disconnect the plug from the wall outlet.



2 Close the water valve

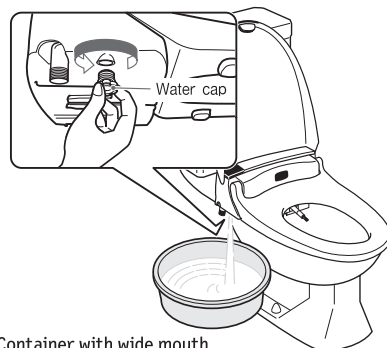
- Turn the handle clockwise to shut off water.



3 Drain the warm water tank.

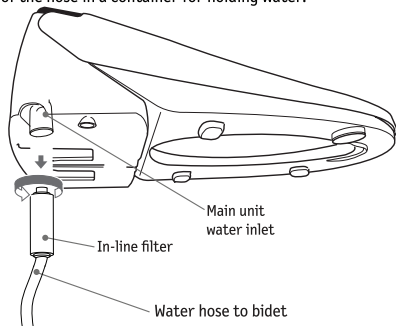
- Drain water from the tank after rotating and removing the water cap. Use no less than a 2L container to drain the water into.
- Put the water cap back after completely draining the water from the tank.

※ Use a large coin or washer if the water tank cap is not opened easily.



4 Drain the water from inside the feed hose.

- Disconnect the water feed hose from the in-line filter and place the end of the hose in a container for holding water.



How to cancel the freezing prevention arrangement and start to use the product again.

- 1** Put the water cap back into the water tank.

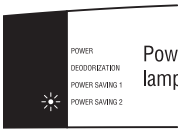

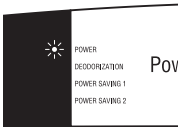
- 2** Connect the water feed hose as it was originally.
(Refer to installation instructions.)
 - Check and make sure there are washers in the hose before connecting the hose.

- 3** Open the water feed valve.

- 4** Connect the power plug to the wall outlet.
 - Press the cleansing button to fill the tank with water.

Flickering warning lights.

The indicator light flickers when there is a problem with the main unit.

Display	Estimated cause and action to be taken	
 <p>Power saving lamp 2</p>	<ul style="list-style-type: none"> • Trouble with water temperature. • Inability to control warm water temperature due to water temperature sensor failure. 	<p>Stop using the product and contact your nearest authorised service center for a repair service.</p>
 <p>Deodorization lamp</p>	<ul style="list-style-type: none"> • Trouble with seat temperature. • Inability to control seat temperature due to seat temperature sensor failure. 	
 <p>Power lamp</p>	<ul style="list-style-type: none"> • No water or water shortage in the tank. • Inability to control water level due to malfunctioning water level sensor. 	

Display lamp 

Trouble Shooting

Status	Cause	How to handle
Product is not working.	<ul style="list-style-type: none"> • Check power outage. • Check if circuit breaker is tripped. • Check if the plug is plugged in. • Check if the remote-control sensor is covered by clothes or anything else. 	<ul style="list-style-type: none"> • Wait for power supply. • Reset the circuit breaker. • Connect the plug. • Remove the item from remote-control sensor.
Cleansing water not coming.	<ul style="list-style-type: none"> • Check the water supply • Check if water feed valve is closed. • Check if water feed hose is frozen. <ul style="list-style-type: none"> • Check if power lamp or power saving lamp 1 is blinking • Check if the sitting sensor is properly activated. 	<ul style="list-style-type: none"> • Wait for water service to resume. • Open water feed valve. • Make the frozen part warm using hot and wet cloth or make the room warmer to unfreeze. Never use hot water or hot air, that may cause a hose breakage. • Contact authorised service centre. <ul style="list-style-type: none"> • Remove any item from sitting sensor.
Water pressure is too weak.	<ul style="list-style-type: none"> • Check if the filter mesh is clean. • Check if the water feed hose is bent. • Check if the nozzle hole is clogged. • Check if the water pressure is set to low. • Check if the tap water pressure is less than 220kPa. 	<ul style="list-style-type: none"> • Clean the filter mesh. • Flatten the bending. • Clean the nozzle. • Set it to high. • Tap water pressure should be 220-500kPa.
Cleansing water is not sufficiently warm.	<ul style="list-style-type: none"> • Check if water temperature is set to OFF or Low. • Check if cleansing is used continuously. 	<ul style="list-style-type: none"> • Set the temperature to medium or high. • Stand up from the seat and sit again before operating cleansing.
Nozzle does not move.	<ul style="list-style-type: none"> • Check if the sitting sensor is properly activated. 	<ul style="list-style-type: none"> • Remove any item from sitting sensor.
Seat is not sufficiently warm.	<ul style="list-style-type: none"> • Check if seat temperature is set to OFF or Low. • Check if the seat has been occupied for a very short time. • Check if the power saving mode is ON. 	<ul style="list-style-type: none"> • Set the temperature to medium or high. • Wait for 5 minutes, it will get warm. <ul style="list-style-type: none"> • It will get warm in 3 to 5 minutes.
Main unit Doesn't sit on the toilet bowl securely.	<ul style="list-style-type: none"> • Check if mounting bolt is tightened securely. 	<ul style="list-style-type: none"> • Tighten the screw.
Drying stops during operation.	<ul style="list-style-type: none"> • Check if drying has been operating for more than 5 minutes. 	<ul style="list-style-type: none"> • Press the dryer button again.
Air temperature is too low.	<ul style="list-style-type: none"> • Check if air temperature is set to OFF or Low. 	<ul style="list-style-type: none"> • Set the temperature to medium or high.
Deodorisation is not working.	<ul style="list-style-type: none"> • Check if deodorisation has been set. 	<ul style="list-style-type: none"> • Press deodorisation button.
Deodorisation stops during operation.	<ul style="list-style-type: none"> • Check if the seat has been occupied for more than 15 minutes. 	<ul style="list-style-type: none"> • Press the deodorisation button again.
Bad smell not effectively removed.	<ul style="list-style-type: none"> • Check if there are dusts in the deodorisation filter. 	<ul style="list-style-type: none"> • Clean the deodorisation filter.
Remote control LCD window is dim.	<ul style="list-style-type: none"> • Check batteries. 	<ul style="list-style-type: none"> • Replace batteries.
Low voltage warning is displayed in remote control window.	<ul style="list-style-type: none"> • Check batteries. 	<ul style="list-style-type: none"> • Replace batteries.
Water leaks from nozzle automatically.	<ul style="list-style-type: none"> • When the water temperature is 1°C or lower, water is discharged hourly for 5 seconds. 	<ul style="list-style-type: none"> • This is not a product failure, but freezing prevention arrangement is recommended.

*Time required for water to get warm depends on ambient temperature.

Actions to be taken during power disruption

If the power plug is disconnected and connected again, or after power disruption, the main unit settings are reset, thus resulting in different settings between remote control and main unit. In such case take the following actions:

Status	Cause	Action to be taken
The product is not in automatic seat cover operation mode, but it operates as it is in automatic mode.	<ul style="list-style-type: none"> • Check if power plug was disconnected and connected again or there has been power disruption. 	<ul style="list-style-type: none"> • On the remote control, set the automatic seat cover operation and cancel it.
Toilet seat is cold or not warm enough.	<ul style="list-style-type: none"> • Check if power plug was disconnected and connected again or there has been power disruption. 	<ul style="list-style-type: none"> • Press seat temperature control button (high or low) one or two times and then reset the seat temperature.
Deodorisation is set to "OFF", but main unit deodorisation lamp is "ON" and deodorisation operates when the seat is occupied.	<ul style="list-style-type: none"> • Check if power plug was disconnected and connected again or there has been power disruption. 	<ul style="list-style-type: none"> • On the remote control, set the deodorisation and cancel it.
Power saving (LO or HI Econo) has been set, but power saving lamp on the main unit is "OFF" and power saving is not operating.	<ul style="list-style-type: none"> • Check if power plug was disconnected and connected again or there has been power disruption. 	<ul style="list-style-type: none"> • Press power saving button to set it "OFF" and reset the desired power saving mode (LO or HI Econo)

Specifications

	Power Source	AC 230 - 240V, 50Hz
	Rated Power Consumption	1100 - 1255W
	Effective Tap Water Pressure Range	220~500kPa
	Effective Tap Water Temperature Range	Approx. 5°C ~ 35°C
Warm Water Cleansing Device	Water Pressure Control	4 levels for cleansing or bidet cleansing (Low,Med Low,Med,high)
	Temperature Control	4 levels and heater OFF
	Nozzle Location Control	6 positions
	Water Heater	1200W
	Heat exchange system	Instant heating type
	Safety Device	Thermo s/w (overheating prevention), Temperatue fuse, Warm water sensor
Toilet Seat Heater	Temperature Control	4 levels and heater OFF
	Toilet Seat Heater	55W
	Safety Device	Temperature fuse
Dryer Device	Temperature Control	4 levels and heater OFF
	Dryer Heater	345W
	Safety Device	Temperatue fuse, Thermo switch
Comfort Features	Deodorization	Catalytic deodorisation
	Water Filter	Ionic Filter. Replace every 6 months, spare part # DH97-00552C
	Automatic seat cover/seat operation	Yes
	Batteries	AA 1.5V x 3
	Power Saving Mode	Lo Econo, Hi Econo
	Additional safety Devices	Built-in Circuit Breaker
	Exterior Dimension	405mm x505mmx155mm
	Net Weight	Approx 4.4kg
	Length of Power Cord	Approx 1.5m

Important Safeguards

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

**READ ALL INSTRUCTIONS
BEFORE USING**

SAVE THESE INSTRUCTIONS

DANGER - To reduce the risk of electrocution:

1. Always unplug this product immediately after using.
2. Do not use while bathing.
3. Do not place or store product where it can fall or be pulled into a tub or sink.
4. Do not place in or drop into water or other liquid.
5. Do not reach for a product that has fallen into water. Unplug immediately.

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

1. A product should never be left unattended when plugged in.
2. Close supervision is necessary when this product is used by, on, or near children or invalids.
3. Use this product only for its intended use as described in this manual. Do not use attachments not recommended by the manufacturer.
4. Never operate this product if it has a damaged cord or plug, if it is not working properly, if it has been dropped or damaged, or dropped into water. Return the product to a service center for examination and repair.
5. Keep the cord away from heated surfaces.
6. Never block the air openings of the product or place it on a soft surface, such as a bed or couch, where the air openings may be blocked. Keep the air openings free of lint, hair, and the like.
7. Never use while sleeping or drowsy.
8. Never drop or insert any object into any opening or hose.
9. Do not use outdoors or operate where aerosol (spray) products are being used or where oxygen is being administered.
10. Connect this product to a properly grounded outlet only. See Grounding Instruction.
11. Unplug this product before filling. Fill (reservoir) with water only unless otherwise specified by manufacturer. Do not overfill.

CONTACT AND WARRANTY INFORMATION

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