### Personal Hygiene Appliance, Electric Bidet Seats





# NB-R1773K

# Contents

Important Safeguards 1~3
Parts Identification 4~6
Basic Instructions 7
Functions & Operation 8~14
Installation 15~18
Trial Operation
Maintenance 20~23
Troubleshooting 24~25
Product Specifications 26
Warranty 27

- Read all operating instructions before installation and use.
- Please save this operating instruction manual and place in an easily accessible location.
- External appearance and specifications are subject to change for improvement of product without notice.

# **Important Safeguards**

#### READ ALL INSTRUCTIONS BEFORE USING.

#### **DANGER** To reduce the risk of electrocution.

- Do not use while bathing.
- Do not place or store product where it can fall or be pulled into a tub or sink.
- Do not place in or drop into water or other liquid.
- Do not reach for a product that has fallen into water. Unplug immediately.

### **WARNING** To reduce the risk of burns, electrocution, fire or injury to persons.

- Close supervision is necessary when this product is used by, on, or near children or invalids.
- Use this product only for its intended use as described in this manual. Do not use any attachments unless recommended by the manufacturer.
- 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.
- Keep the cord away from heated surfaces.
- 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.
- Never use while sleeping or drowsy.
- Never drop or insert any object into any opening or hose.
- Do not use outdoors. or operate where aerosol(spray) products are being used or were oxygen is being administered.
- Connect this product to a properly grounded outlet only. See Grounding Instructions.
- Any other servicing should be performed by an authorized service representative.
- Do not dismantle, repair, or alter the unit.
- Do not pour or spray water on to the unit.
- The unit must be grounded.
- Do not touch the power plug with wet hands.
- Properly connect the power cord to the electrical outlet corresponding to the rated voltage of the unit.
- Do not use damaged or loose power cord.
- Do not use steam cleaner.
- Keep the unit away from fires or inflammable substance.
- Do not connect to the industrial water supplies.
- Do not connect other electrical appliances to the same power socket connected to the unit.
- Replace damaged power code and plug by authorized service center.
- Caution against low temperature burns.
- Before removing the unit from the toilet bowl, disconnect the power plug first.

### **CAUTION** To reduce the risk of injury to persons or damage to the product or the property.

- Do not place heavy objects or step on the unit. It may cause product damage or injury.
- When cleaning the unit, do not use any chemicals. Clean the unit with moist, well-wrung soft cloth. For excessive stains, use soft cloth moistened with mild dish-wash detergent and wipe out with dry cloth. It may cause product damage.
- Do not slam down the lid. It may cause product defect.
- Do not lean on the lid. It may cause product defect.
- When not in use for a long period of time, disconnect the power plug.
- **Do not twist or pull the connection hoses.** It may affect water supply or cause water leakage.
- Do not cover up the warm air outlet or insert hands or other objects. It may cause burn or electric shock.
- Do not operate the unit during product malfunction. Disconnect the power plug and call the authorized service center. It may cause fire or electric shock if the unit is operated while it is out of order.

# SAVE THESE INSTRUCTIONS

# INFORMATION TO THE USERS

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

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

### **GROUNDING INSTRUCTIONS**

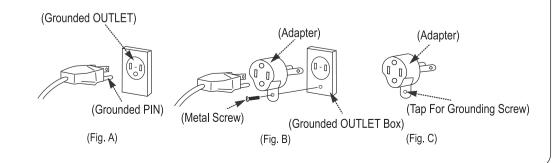
 This product should be grounded. In the event of an electrical short circuit, grounding reduces the risk of electric shock by providing an escape wire for the electric current. This product is equipped with a cord having a grounding wire with a grounding plug. The plug must be plugged into an outlet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

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

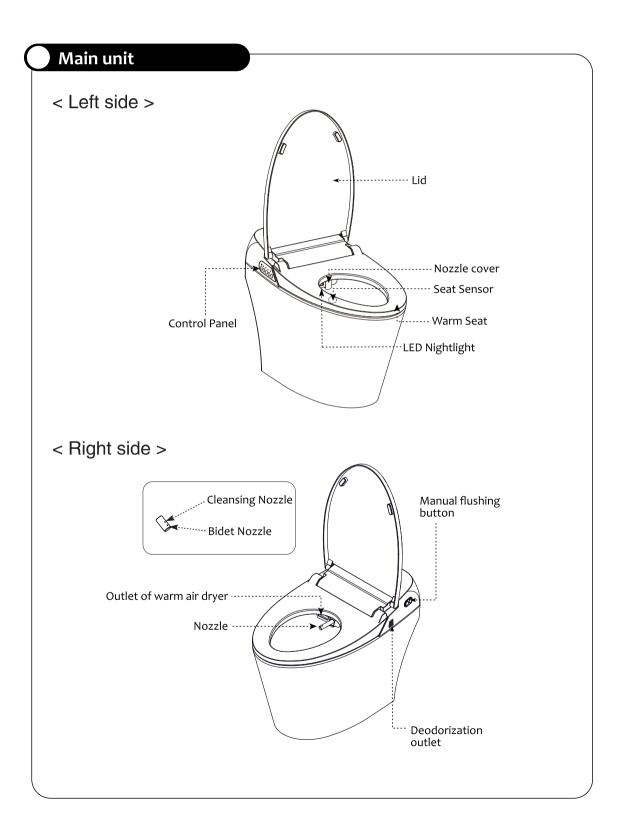
If repair or replacement of the cord or plug is necessary, do not connect the grounding wire to either flat blade terminal. The wire with insulation having an outer surface that is green with or without yellow stripes is the grounding wire.

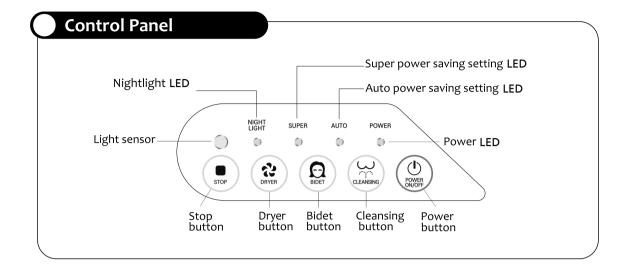
Check with a qualified electrician or serviceman if the grounding instructions are not completely understood, or if in doubt as to whether the product is properly grounded.

- This product is for use on a nominal 120 V circuit, and has a grounding plug that looks like the plug illustrated in Figure A. A temporary adapter, which looks like the adapter illustrated in Figure B and C, may be used to connect this plug to a 2-pole receptacle as shown in Figure B if a properly grounded outlet is not available. The temporary adapter should be used only until a properly grounded outlet (Figure A) can be installed by a qualified electrician. The green colored rigid ear, lug, and the like extending from the adapter must be connected to a permanent ground such as a properly grounded outlet box cover. Whenever the adapter is used, it must be held in place by the screw.
- If it is necessary to use an extension cord, use only a three wire extension cord that has a three-blade grounding plug, and a three-slot receptacle that will accept the plug on the product. Replace or repair a damaged cord.

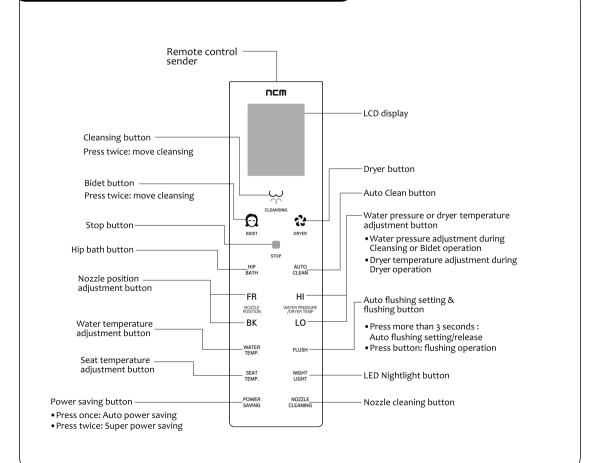


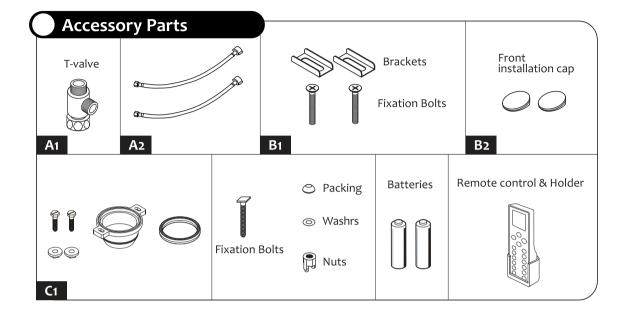
# **Parts Identification**





### **Remote control**

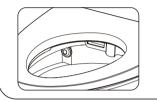




## **Basic Instructions**

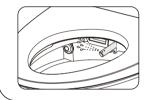
- The buttons on the body are the supplementary buttons to be used in case of emergency and thus water pressure adjustment and dry temperature adjustment are not allowed. To use the adjustment function, press the corresponding buttons on the remote control again and use the adjustment button.
- The icons on the LCD display is shown only by operating remote control not by operating control panel on the body of a unit.
- Do not drop it, spill on it. It will cause damage and problems.

### Sit on the seat



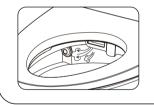
- Sit in center.
- If seat sensor is occupied, 'beep' sounds.
   Upon seat is occupied, the deodorization function operates automatically.

#### Press the "CLEANSING" or "BIDET" button



- (BIDET) or () (CLEANSING) icon is shown on the LCD display of a remote control.
- Operate either the "CLEANSING" or the "BIDET" function. Each function operates for 90 seconds.
- Move cleansing runs by pressing "CLEANSING" or "BIDET" button while using.
- It beeps if cleansing or bidet cleansing function is over.

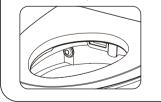
### Press the "DRYER" button



• Dryer function begins to operate with the indication of 👔 (DEYER) on the LCD display of a remote control.

- Dryer function will operate for 3 minutes.
  It beeps if dryer function is over.
- Drying operation can be maximized by gently wiping wet area with toilet paper.

### Press the "STOP" button



CLEANSING) or (CBIDET) or (CDRYER) icon goes out on the LCD display of a remote control.
 Stops all operating functions.

- When sitting on the seat, sit in the center so that seat sensor can operate well. (If seat sensor is not sensed, the function of Cleansing, Bidet, Dryer, Auto Clean, Hip bath does not operate.)
- The seat sensor of this product is located inside the seat. If the skin of human body touches this seat sensor, the sensor operates. If the seat surface is covered with a cover, the skin does not touch the sensor, and thus the sensor may not operate.

### Move (Oscillating Wash)

- Move cleansing runs by pressing "CLEANSING" or "BIDET" button while cleansing or bidet cleansing.
- Nozzle stops by pressing "CLEANSING" or "BIDET" button again.

#### **Nozzle Position Adjustment**

- Press the "FR" or "BK" button to adjust the nozzle position during "BIDET" or "CLEANSING" function.
- It returns to the first middle position when finishing and moving away the seat.

#### Water Pressure Adjustment

- The unit remembers the last water pressure settings.
- Water pressure can be adjusted by pressing the "HI" or "LO" button.(When controlling with remote control)(Just 3rd level is available and cannot control the water pressure if using button on the unit control panel)

(Level 3) (Level 4) (Level 5) (Level 1) (Level 2)

Indication of water pressure Level on a remote control

### Warm Air Dryer Temperature Adjustment

- The unit remembers last warm air temperature settings.
- Press "HI" or "LO" button to adjust the temperature of the warm air.

Indication of warm Air Dryer Temperature Level

### Water Temperature Adjustment

• Press the "WATER TEMP." button to adjust the water temperature level. Select the desired level.

<u> </u>	→ () [	→ <b>() [</b> –	- 10 -
	(Low)		(High)

Indication of water temperature Level on a remote control

### Warm Seat Temperature Adjustment

• Press the "SEAT TEMP." button to adjust the seat temperature level. Select the desired level.

Indication of warm seat temperature Level on a remote control

\* The unit remembers the water and seat temperature settings even if the power is shut off

#### **Auto Clean**

- Press "AUTO CLEAN" button and AUTO on remote control LCD window is ON.
   During the Cleansing operation, will is flickered and during the DRYER operation, is flickered.
- Consecutive operations of MOVE CLEANSING for 60 seconds and DRYER for 60 seconds. (According to the user's preference, water pressure, nozzle position and temperature can be adjusted.)
- When AUTO CLEAN ends, "beep" sounds.

#### Deodorization

- Deodorizing function automatically runs when occupying the seat. Sound of deodorization running appears.
- When moving away from the seat, deodorizing function runs for 1 minute more and stops automatically. (When occupying the seat for over 30 minutes, it runs for 30 minutes and stops)

#### Hip bath

- Operating for 3 minutes with move function by the auto setting of "Lo" level of water pressure and "Hi" level of water temperature. (Water temperature and water pressure (Lo – Mid) can be adjusted by the user preference.)
- During the hip bath function, user can turn on or off the move function by pressing "HIP BATH" button.
- When hip bath function is finished or if pressing "STOP" button, the setting returns to the condition of pre-setting of hip bath.

#### **Auto Power Saving**

- Locate the LED indication at "AUTO" position by pressing "POWER SAVING" button.
- It maintains 30°C(86°F) for warm water and seat temperature each in the auto power saving mode.
- Auto power saving function is temporarily released, when sitting on the seat.
- Auto power saving function runs again, when moving away from the seat.
- To cancel auto power saving function, press "POWER SAVING" button, then LED indication goes OFF.

#### **Super Power Saving**

- Locate the LED indication at "SUPER" position by pressing "POWER SAVING" button.
- Bidet sense toilet luminosity for itself and shows excellent power saving efficiency in the super power saving mode.
- Water and seat temperature maintain normal temperature in the super power saving function and power saving mode is temporarily released when toilet lightning goes ON.
- It returns to normal mode from power saving mode even if occupying the seat in dark condition.
- To cancel super power saving function, press "POWER SAVING" button, then LED indication goes OFF.

### Power On/Off

- Press this button to turn the unit on and off.
- The unit remembers all of the prior settings in spite of an electrical outage so no need to reset functions after power is back.

### **LED** Nightlight

- LED Nightlight activates by pressing "NIGHT LIGHT" button and LED Nightlight function runs automatically when getting dark. To cancel the LED Nightlight function, press "NIGHT LIGHT" button again and LED goes OFF.
- When LED Nightlight function runs, Bidet senses automatically toilet light and LED Nightlight goes on. User can use conveniently bidet without toilet light.
- Electric power consumption is little and use the LED Nightlight function without care about the electric charge.

#### **Nozzle Cleaning**

- Press the "NOZZLE CLEANING" button. The nozzle moves for 2 minutes back and forth, the wash water comes out and the nozzle is cleaned.
- Press the "NOZZLE CLEANING" button for more than 3 seconds. The nozzle comes out and stops. Clean the nozzle manually with a soft brush.
- Press the "STOP" button and the nozzle returns to its storage position, then self-cleaning function is operated.

### Burn protecting system at the low temperature

- Seat temperature goes down in case the temperature position is "HI" when sitting on the seat for over 30 minutes. (May cause burns at the low temperature in case sitting on the seat for a long time.)
- It returns to set point when resetting or moving away from the seat.

### Self Nozzle Cleaning

• Before and after each operation, the self nozzle cleaning function runs and sanitizes the nozzle head.

#### **Auto Flushing function**

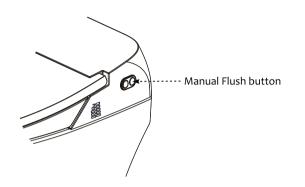
- Automatic flushing setting/release: Press 「FLUSH」 button more than 3 seconds to set/release AUTO FLUSH. When setting, ♥️ on LCD is ON & ♥️ is OFF if released.
- When AUTO FLUSH is set: if you leave the seat, the flushing function operates automatically. It operates when the seating time (seating sensor ON time) is more than 4 seconds only.
- In case of electric shutdown, AUTO FLUSH function does not operate. Use MANUAL FLUSH.
- If the electric shutdown occurs while AUTO FLUSH operates:
   Water flows into a toilet continuously as FLUSH does not return. In this case, close the water supply valve and stop using until the electricity will be recovered.

#### **Button Flush function**

- Press FLUSH\_ button and flush function operates. Press the button regardless of AUTO FLUSH setting and seating, The function operates by button press.
- In case of electric shutdown, AUTO FLUSH function does not operate. Use MANUAL FLUSH.
- If the electric shutdown occurs while BUTTON FLUSH operates: Water flows into a toilet continuously as FLUSH does not return. In this case, close the water supply valve and stop using until the electricity will be recovered.

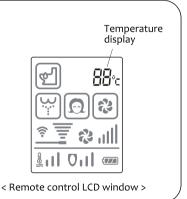
### **Manual Flush**

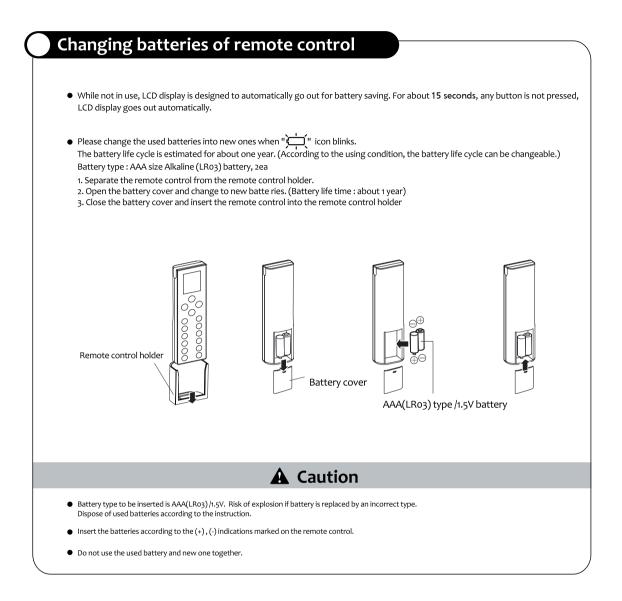
 In case of electric shutdown (AUTO FLUSH or BUTTON FLUSH does not operate) or when it is not allowed to use the remote control, use MANUAL FLUSH.



#### **Temperature Display Function**

- Temperature is displayed on remote control LCD. It displays the temperature of place where the remote control is installed.
- As the temperature is measured by the sensor installed inside the remote control, there may be a difference from the actual temperature of the place where the remote control is installed.



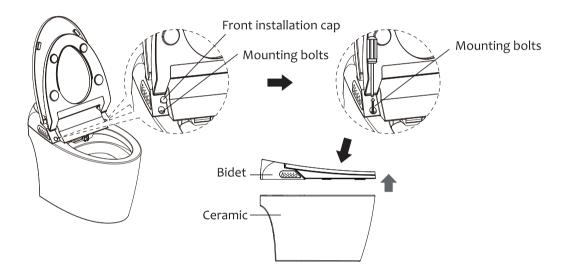


\* This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions : (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operations.

#### Separation of the bidet from the ceramic

Separate the bidet from the ceramic before the installation if they are connected

- 1. Take the front installation cap out and Unfasten the mounting bolts at the front of bidet
- 2. Separate the bidet by lifting up
- 3. Keep the front installation cap and mounting bolts. They should be used again when installing the bidet.



#### Installation of ceramic

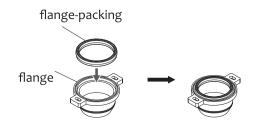


Connect the Angle-valve at the Shut-off valve





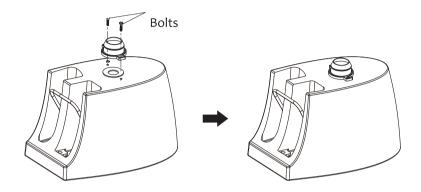
Insert the flange-packing into the flange





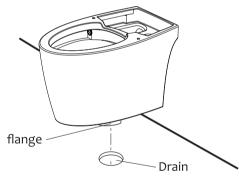
(4)

Turn the ceramic over. Place the flange at the bottom of ceramic and insert the bolts Assemble the flange and ceramic with packing nuts.



Lift up the ceramic and fix the flange at a drain.

Set the ceramic at level not to lean when fixing the flange. • Ceramic is heavy. Recommend 2 workers when lifting up the ceramic.



#### Installation of Bidet



Connect the nozzle hoses (Upper, Lower each) to the water inlets

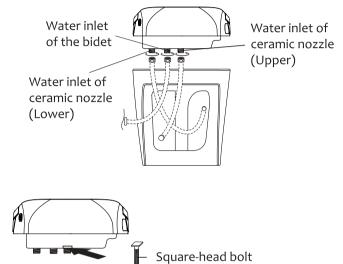


3

Connect the bidet hose to the water inlet of the bidet

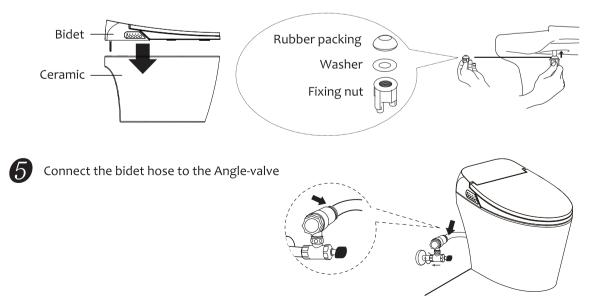
Insert a square-head bolt to the groove

at the bottom of the bidet.



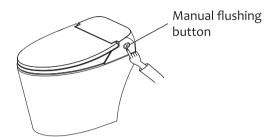


Inert the square-head bolt into an installation hole on the ceramic Fix the bolt with rubber packing, washer



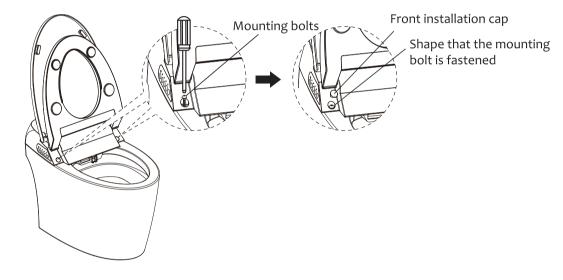


Open the shut-off valve. Check the flushing condition by pushing manual flushing buttons (Upper, Lower both)



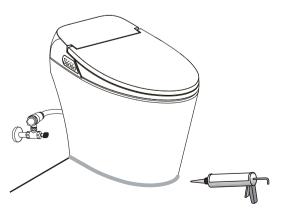
Fasten the mounting bolts as shown at below illustrations to fix the bidet at the ceramic. Cover the front installation caps.

• Fasten the mounting bolts tightly with screw driver





Check any water leakage from the bidet and ceramic with Trial Operation at 22nd page. Apply Silicone sealant to the bottom of the ceramic. • Recommend to use the product 24 hours later to have the Silicone sealant wholly dried.



# **Trial Operation**



Open the shut off valve by turning counterclockwise.



Check for any water leakage on the connection hoses.



Connect the power plug.



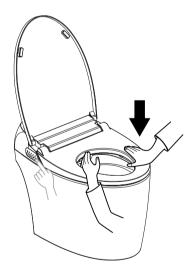
Caution Ground connection should be done by authorized service person only.

★ WARNING:Do not turn over or move the unit after power connection. It may cause electric shock.



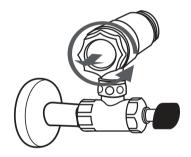
To test the water spray operation, press either "CLEANSING" or "BIDET" button putting a hand on the seat sensor.

\*Cover the nozzle with a hand for water not to spatter out.



### Cleaning the water strainer

- 1. Close the water supply by turning the shut off valve clockwise and drain the toilet water tank completely.
- 2. Detach the unit from the ceramic. (Refer to the Installation part in this manual for the detachment of unit)
- 3. Detach the hose from the inlet adapter.
- 4. Begin by detaching the strainer from the inlet adapter, clean and insert it again. (In case that it is hard to detach the strainer with a hand, try again with a kind of nippers)
- 5. After attaching the hose to the inlet adapter, turn the water supply valve to the left and have it opened.



#### How to clean the strainer

- The strainer effectively filters dust not to flow in the deodorant filter which removes an offensive odor. As the strainer covered with dust might drop off in efficiency, it should be cleaned regularly.
  - 1. Pull the strainer out of the body of a unit.
  - Brush or wash dust off, and Insert back.
     (Be careful not to tear a filter when brush off, and dry up enough after wash off)

Make sure the bump faces the same direction as shown on the above drawing when inserting the strainer.

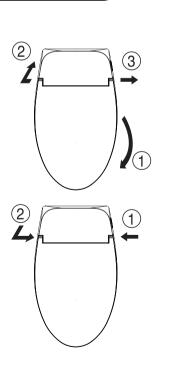
#### • How to Separate the Lid

- 1. Close the lid.
- 2. Stretch the left side of lid
- and lift the insertion part of axle
- 3. Extract the right side of the seat cover.

### • How to Assemble the Lid

- 1. Insert the insertion part into axle at the right side of the seat.
- 2. Stretch the left side of the lid and insert the insertion part into axle

If the lid is separated from body,Do not operate the open/close function of the lid.It may cause malfunctions.



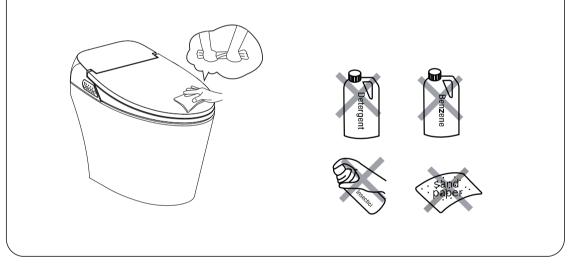
### Cleaning the nozzle

- Press the "NOZZLE CLEANING" button. The nozzle moves for 2 minutes back and forth, the wash water comes out and the nozzle is cleaned.
- Press the "NOZZLE CLEANING" button for more than 3 seconds. The nozzle comes out and stops. Clean the nozzle manually with a soft brush.

 Press the "STOP" button and the nozzle returns to its storage position, then self-cleaning function is operated.

### **External Cleaning**

- The external case of the unit is made of the plastic which may be damaged by scrubbers, chemicals, etc. Do not use any chemicals.
- Clean the unit with a tightly wrung wet soft cloth. Do not spray water the unit.
- Disconnect the powr plug when cleaning. Please be careful not to splash the water to the plug or socket.
- Touching the power socket with wet hands can cause an electric shock.



# Troubleshooting

Check the followings details before calling for service.

Symptoms	Check points		
The unit does not operate	<ul> <li>Is the power off?</li> <li>Is the power plug disconnected?</li> <li>Did the electric shutdown occur?</li> </ul>	<ul> <li>Press the any button to turn unit on.</li> <li>Connect the power plug into the socket.</li> <li>Wait until the electricity will be recovered.</li> </ul>	
CLEANSING, BIDET, DRYER, AUTO CLEAN function does not operate	• Does it sense the user's seating? (Is the seat occupied?)	If the seat part is covered with some seat cover, the skin of human body does not touch it and the seating may not be sensed. If the seating is not sensed, it does not operate.	
Remote control does not operate	<ul> <li>Is the remote control battery used up?</li> </ul>	☞ Replace the battery.	
Water does not come out	<ul><li> Is the water supply valve closed?</li><li> Is the water supply cut off?</li></ul>	<ul> <li>Open the water supply valve.</li> <li>Wait until the water supply cut off.</li> </ul>	
Water pressure is weak	<ul> <li>Is the water pressure set at "LO" level?</li> <li>Is there foreign materials in the strainer?</li> <li>Is the tap water pressure used under minimum use water supply pressure (98kPa / 14.2psi)?</li> <li>Did you operate CLEANSING function while FLUSH is operating?</li> </ul>	<ul> <li>Adjust the water pressure setting as "HI"</li> <li>Clean the strainer.</li> <li>The available water pressure is 98~735kPa(14.2~106.6psi).</li> <li>As the water pressure falls while FLUSH is operating, use it after FLUSH operation is completed.</li> </ul>	

# Troubleshooting

Check the followings details before calling for service.

Symptoms	Check points		
Water is not warm	<ul> <li>Is the water temperature set OFF or "LO"?</li> </ul>	Adjust the setting temperature as "MI" or "HI".	
The seat is not warm	<ul> <li>Is the seat temperature set at OFF or "LO" level?</li> <li>Is the power saving function set?</li> </ul>	<ul> <li>Adjust the setting temperature as "MI" or "HI".</li> <li>Release the power saving function and use it after about 5 minutes. (it depends on the surrounding temperature)</li> </ul>	
The air in DRYER function is not warm	<ul> <li>Is the DRYER temperature set at low?</li> </ul>	Set the DRYER temperature as high and use it.	
AUTO FLUSH does not operate	• Is the power shutdown?	☞ It does not operate during the power shutdown. Use MANUAL FLUSH.	
Water flows into a toilet continuously	<ul> <li>Is the power shutdown during the operation of AUTO FLUSH?</li> </ul>	If the power is shutdown during the operation of AUTO FLUSH, the water flush operation does not return. Close the water supply valve and stop using until the electricity will be recovered.	

# **Product Specifications**

Item			NB-R1773K	
Power Supply			120V~ , 60Hz	
Max. Power Consumption		ion	1460W	
Length of Power Cord			1.2m	
Water Supply	Connecti	on	Direct connection to the water supply	
Water Supply	Pressure		98 - 735 kPa (14.2 - 106.6 psi)	
	Water	Cleansing	0.65 /min	
	Flow Rate	Bidet	0.65 /min	
	Water Press	ure Adjustment	5 Levels	
Cleansing	Temp. Adjustment		Normal Temp, 93.2°F, 98.6°F, 104°F	
	Heater Capacity		1400W	
		y Device	Thermal Fuse, Thermostat, Flow sensor	
Temp. Adjustment Warm Seat Heater Capacity		djustment	Normal Temp, 95°F, 100.4°F, 104°F	
		Capacity	55W	
Sa	Safet	y Device	Thermal Fuse	
	Temp. Adjustment		Normal Temp ~ 122°F (5Levels)	
Dry	Heater	- Capacity	195 W	
	Safety Device		Thermal Fuse, Bi-metal	
Deodorization			Catalytic Deodorization	
Water Supply Temp.			37.4°F ~ 95°F	
Temp. of circumstance for use		for use	37.4°F ~ 104°F	
Product size			(W)404mm x (L)688mm x (H) 515mm	
Product weight			6.3kg	

#### **Product Warranty Card**

We warrant our products to be free from manufacturing defects under normal use and service for a period of one (1) year after purchase. This warranty is extended only to the original purchaser.

Product Name	Model Name	
Date of Purchase	Serial Number	
Name of Purchase	Duration of Warranty	one year after purchase

< Free After-sales Service Regulations >

During the duration of the warranty period, if product defect occurs during normal application as stated in the Instruction Manual, Cautionary Notes, Direction Labels, etc., the product is applicable for after-sales service free of charge.

Even during the warranty period, after-sales service is not applicable free of charge in case of the following conditions :

(1) Damage occurring from customer negligence or fault, and defect or damage occurring from wrongful repair or alteration.

(2) Defect or damage occurring from fire, gas, flood, earthquake, lightning, other natural calamities, pollution, or abnormal electrical power.

(3) Defect or damage occurring from outside of normal household usage.(long term public usage, used inside a vehicle, installed inside a vessel, etc.)

(4) Defect or damage occurring from transportation of mistreatment after purchase.

(5) Defect or damage occurring during removal after installation.

(6) Wearing of consuming parts.(Packing, Filters, etc.)

(7) Product reinstallation by customer request.

(8) Read the Instruction Manual carefully before requesting for an after-sales services since charges will be invoiced for faulty service call visits.

# **S-PLATFORM**

400 Sylvan Ave, Suite 209, Englewood Cliffs, NJ 07632

www.s-platform.com

sales@s-platform.com (201) 608-5074