

Trial Operation

1 Open the shut off valve by turning counterclockwise.

2 Check for any water leakage on the connection hoses.

3 Connect the power plug.



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

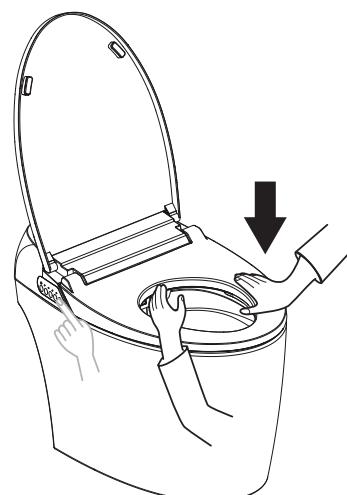
- Press any button except "HI", "LO", "FR", "BK" and "MASSAGE" buttons on the remote control, then power goes ON lighting up the "POWER" LED.

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

4 Press the "CLEAN" or "BIDET" button on the unit so that the water tank can be filled up with water. One long beep will sound when the water tank is filled up.

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

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

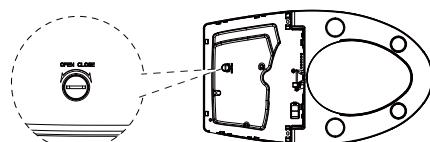


Maintenance

Routine maintenance (Water Tank Drainage)

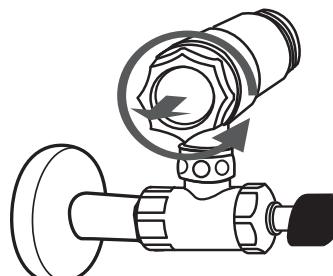
※ Changing the water inside of the lid, once every month to avoid accumulation of mud and germ and make sure the healthy.

1. Disconnect the power plug first.
2. Detach the unit from the ceramic. (Refer to the Installation part in this manual for the detachment of unit)
3. Close the shut off valve by turning clockwise.
4. After placing a basin 4L under the drain hose, unfasten the drain plug and drain the water tank completely.



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.



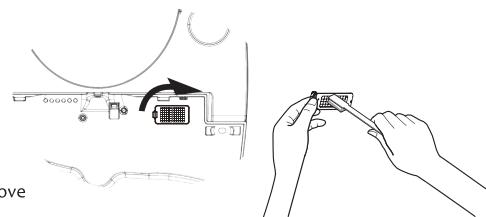
Maintenance

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.

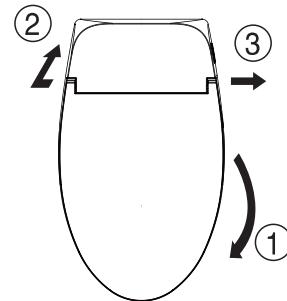
1. Pull the strainer out of the body of a unit.
2. Brush or wash dust off, and Insert back.
(Be careful not to tear a filter when brush off, and dry up enough after wash off)

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



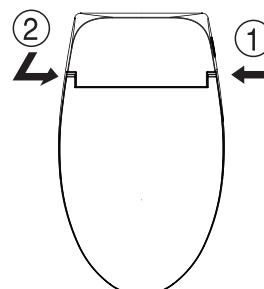
• How to Separate the Lid

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

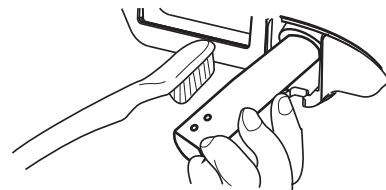


※ If the lid is separated from body,
Do not operate the open/close function of the lid.
It may cause malfunctions.

Maintenance

Cleaning the nozzle

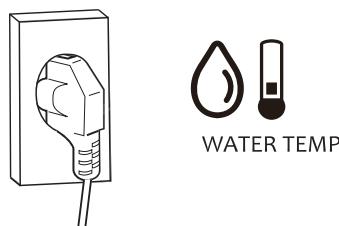
1. Press the "NOZZLE CLEANING" button on the remote control.
The nozzle comes out and stops.



2. Clean the nozzle manually with a soft brush.
Press the "NOZZLE CLEANING" or "STOP" button
and the nozzle return to its storage position,
then self-cleaning function is operated.
If the button is not pressed, the nozzle retracts automatically after 2 minutes.

Freeze Prevention during Winter

- Connect the power plug and check if the unit power is on.
- Do not turn off the "WATER TEMP." level and adjust water temperature to "LO" or higher.
- If not in use for a long time, drain the water tank.



Maintenance

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 power 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 style="list-style-type: none"> • Is the power off? • Is the power plug disconnected? • Did the electric shutdown occur? 	<ul style="list-style-type: none"> ☞ Press any button except 「HI」 「LO」 「FR」 「BK」 「MASSAGE」 button of the remote control and check. ☞ Connect the power plug into the socket. ☞ Wait until the electricity will be recovered.
CLEAN, BIDET, DRY, AUTO CLEAN, CHILD function does not operate	<ul style="list-style-type: none"> • Does it sense the user's seating? (Is the seat occupied?) 	<ul style="list-style-type: none"> ☞ 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 style="list-style-type: none"> • Is the remote control battery used up? • Is the restroom lighting a three wave lamp? 	<ul style="list-style-type: none"> ☞ Replace the battery. ☞ If the restroom lighting is a three wave lamp, the remote control may not operate normally. Adjust the installation location of the remote control. Even if the remote control location is adjusted and it does not operate normally, replace the lamp with general lamp instead of three wave lamp.
Water does not come out	<ul style="list-style-type: none"> • Is the water supply valve closed? • Is the water supply cut off? 	<ul style="list-style-type: none"> ☞ Open the water supply valve. ☞ Wait until the water supply cut off.
Water pressure is weak	<ul style="list-style-type: none"> • Is the water pressure set at "LO" level? • Is there foreign materials in the strainer? • Is the tap water pressure used under minimum use water supply pressure (1.0kgf/cm²)? • Did you operate CLEANSING function while FLUSH is operating? 	<ul style="list-style-type: none"> ☞ Adjust the water pressure setting as "HI" ☞ Clean the strainer. ☞ The available water pressure is 1.0~7.5kgf/cm². ☞ As the water pressure falls while FLUSH is operating, use it after FLUSH operation is completed.

故障检修 Troubleshooting

Check the followings details before calling for service.

Symptoms	Check points	
Water is not warm	<ul style="list-style-type: none"> • Is the water temperature set OFF or "LO"? • Did you operate washing functions (Clean/Bidet) continuously? • Is the power saving function set? 	
	<ul style="list-style-type: none"> ☞ Adjust the setting temperature as "MI" or "HI". ☞ As the water in the water tank should be heated up, use it after about 5 minutes. (it depends on the water temperature) ☞ Release the power saving function and use it after about 5 minutes. (it depends on the water temperature) 	
The seat is not warm	<ul style="list-style-type: none"> • Is the seat temperature set at OFF or "LO" level? • Is the power saving function set? 	<ul style="list-style-type: none"> ☞ Adjust the setting temperature as "MI" or "HI". ☞ Release the power saving function and use it after about 5 minutes. (it depends on the surrounding temperature)
The air in DRY function is not warm	<ul style="list-style-type: none"> • Is the DRY temperature set at low? 	<ul style="list-style-type: none"> ☞ Set the DRY temperature as high and use it.
AUTO FLUSH does not operate	<ul style="list-style-type: none"> • Is the power shutdown? 	<ul style="list-style-type: none"> ☞ It does not operate during the power shutdown. Use MANUAL FLUSH.
Water flows into a toilet continuously	<ul style="list-style-type: none"> • Is the power shutdown during the operation of AUTO FLUSH? 	<ul style="list-style-type: none"> ☞ 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.
Open/Close function of the lid does not operate.	<ul style="list-style-type: none"> • Is the power shutdown? 	<ul style="list-style-type: none"> ☞ The function does not operate during the power shutdown. Open or close by hands.
Lid is not opened and closed automatically.	<ul style="list-style-type: none"> • Check if the Auto open/close function is set up to OFF mode? • If the Lid is closed, the lid is not opened automatically for 15 seconds. • Check if water or metal material is attached on the bidet unit. 	<ul style="list-style-type: none"> ☞ Change the Auto open/close function to ON mode by pressing LID OPEN/CLOSE button for more than 3 seconds. (LCD display shows "AUTO" at ON mode) ☞ Try again 15 seconds later ☞ Eliminate water or other attached materials.

Product Specifications

Item			NB-R1773
Power Supply			120V~, 60Hz
Max. Power Consumption			1460W
Length of Power Cord			1.4m
Water Supply Connection			Direct connection to the water supply
Water Supply Pressure			98 - 735kPa (1.0~7.5kgf/cm ²)
Cleansing	Water Flow Rate	Cleansing	0.65 l/min
		Bidet	0.65 l/min
	Water Pressure Adjustment		5 Levels
	Temp. Adjustment		Normal Temp, 34°C, 37°C, 40°C
	Heater Capacity		1400W
	Safety Device		Thermal Fuse, Thermostat, Water Level Sensor
Warm Seat	Temp. Adjustment		Normal Temp, 35°C, 38°C, 40°C
	Heater Capacity		55W
	Safety Device		Thermal Fuse
Dry	Temp. Adjustment		Normal Temp ~ 50 °C (5 Levels)
	Heater Capacity		195W
	Safety Device		Thermal Fuse, Bi-metal
Deodorization		Catalytic Deodorization	
Water Supply Temp.		3°C ~ 35°C	
Temp. of circumstance for use		3°C ~ 40°C	
Product size		(W)404mm x (L)688mm x (H)515mm	
Product weight		6.3kg	

Warranty

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.

NCM CO., LTD.

119-86 SASA-DONG ,SANGROK-GU,ANSAN-SI, GYEONGGI-DO, KOREA

<http://www.ncmpro.co.kr>

TEL : 82-31-419-4070

FAX : 82-31-419-4072