



Electric Hygiene Bidet Instruction manual

Model : RB600 Series



Please read these instructions thoroughly and carefully before installation and operation.



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1. Important safeguards

When using electrical appliances, basic safety precautions should always be followed to reduce the risk or fire, <u>electric shock and injury to persons, including the following:</u>

Read all instructions before using this bidet

DANGER - To protect against electric shock:

- 1. DO NOT splash water or urine onto the bidet or heated seat.
- 2. DO NOT immerse the bidet and/or cord, plug or appliance in water or other liquid.
- 3. DO NOT place or store the bidet where it can fall or be fallen into water.

WARNING - To protect against the risk of burns, fire, or injury to persons:

- 1. This bidet is intended for household use only.
- 2. DO NOT operate the bidet with a damaged cord or plug, or after the appliance malfunctions, or has been dropped or damaged in any manner.
- 3. To unplug with unit switched off, grip the plug and pull out from the wall outlet. Never pull on the cord.
- 4. DO NOT use this bidet for other than intended use. Improper use of the unit may result in breakage or damage.
- 5. If electric circuit is overloaded with other appliances, your bidet may not operate properly. It should be operated on a separate electrical circuit from other operating appliances.
- 6. In order to reduce the risk of electric shock, the plug has to fit fully in the outlet. if it does not fit then contact a qualified electrician. DO NOT attempt to defeat this safety feature.
- 7. The maximum permissible inlet water pressure : $0.5 kgf/cm^2 \sim 7.5 kgf/cm^2$
- 8. Type Y attachment : If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or other similarly qualified persons in order to avoid a hazard. The socket-outlet shall be installed near the bidet and shall be easily accessible.

Save these instructions

2. Things to know before your first use

1. Carefully unpack the bidet and remove all packaging materials. To remove any dust that may have accumulated during packaging, wipe with a damp cloth. DO NOT use harsh or abrasive cleaners on any part of the bidet.

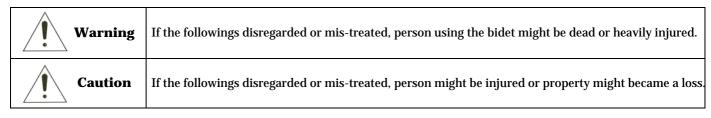
2. The bidet will not fit some one-piece toilet so please check dimensions carefully for proper installation.

- 3. DO NOT install in a location where water might be splashed onto the bidet or exposed to such excessive moisture that condensation forms on the bidet' surface.
- 4. The bidet must be grounded. Connect only to properly grounded outlet.
- 5. Supplied water pressure shall be maintained within the range of $0.5 kgf/cm^2 \sim 7.5 kgf/cm^2$.
- 6. Keep the water hoses warm when and where water freezes in hoses. If the water frozen in the hoses in winter season, warm the units inside the room before installation.
- 7. Plug the bidet into a AC 230-240V~ 50Hz outlet.
- 8. Supply electrical power to the bidet only when the plumbing installation work has finished. Otherwise, it can cause malfunction.

1) <u>Warnings in operating</u> (Follow the instructions below for your safety)

A number of signs shown herein helps you to be more safe in operating and use with a good manner so that any injury or damage or loss not happened.

Read this Instructions & operating guide carefully before installation and operation of this bidet, and keep this at the place whoever can find and read easily.



* The signs below explain what the bidet user to do.

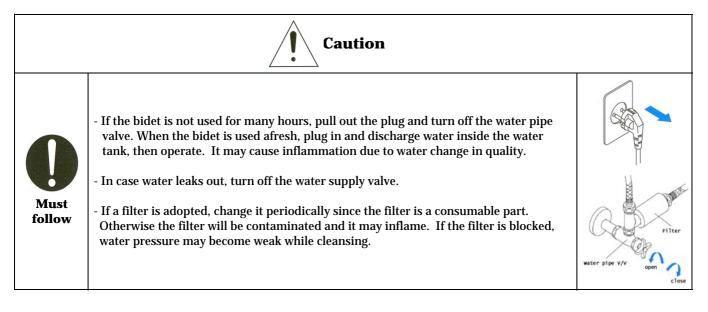
0	Must follow
\bigcirc	Prohibited

Warning					
	 Be careful about a burn at a low-temperature. It may happen even lower than 40 °C. * As a user shown below intends to use heated seat or warm air dry, his/her aroundone turns seat heating off and sets AIR to lower level. - children or the aged who can hardly adjust temperature by oneself as wish. - a patient or a physically handicapped who is easily immovable. - someone took a slumberous pill or a cold remedy, or excessively drunken, an exerted so that he or she can fall easily into deep sleep. * Turn off the heated seat when someone sits on the seat for a while. 				
Must follow	Provide adequate ventilation by opening a window in order to avoid damage to electronic components if the bidet placed in such humid bathroom. Otherwise, it can cause fire or electric shock.				
	Use a three wire grounding outlet all the times, and install a ground fault interrupter on the circuit supplying power to the bidet. Otherwise, it may cause electrical shock, fire, personal injury or damage to the bidet. If it is without a ground, then contact an electrician nearer.	A ground (An earth)			
	When it comes to clean the bidet, be sure to extract the plug from the outlet. It may cause electric shock.	To extract the plug			
Prohibited	DO NOT touch the plug when hands get wet. It may cause electric shock.				
	DO NOT splash water or a detergent on the bidet or heated seat or plug. It may cause fire or electric shock.				

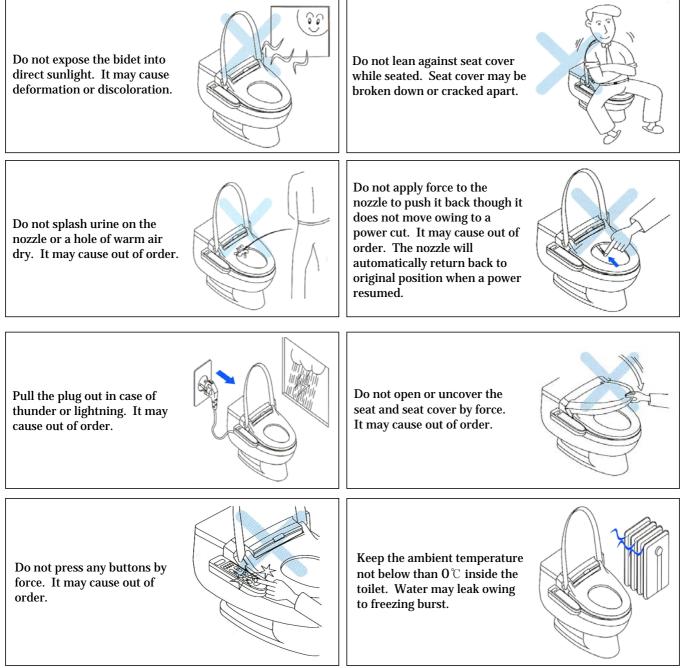
	Warning				
	DO NOT insert a finger or any object into a hole which warm air comes out. It may cause fire or electric shock.				
	DO NOT ever try to dismantle or mend or reconstruct. It may cause electric shock. If a power supply cord has to be replaced, contact a dealer the bidet sold by all means.	No dismantling !			
Prohibited	DO NOT pull out the plug by force. It may cause fire.				
	 DO NOT insert a plug in an outlet which out-numbered already in. It may cause fire. DO NOT insert a plug in an outlet which is loose, tossed and rolled. It may cause fire. Retighten the mounting nuts and bolts as necessary. DO NOT keep using an outlet which dust and dirt accumulated on. It may cause fire. 				
	DO NOT connect the water supply valve to water line of waste water or industrial water. It may cause inflammation.				

Caution				
	DO NOT put the bidet' plug in to the outlet together with a plug of toilet light or ventilation. It may go wrong with a bidet nozzle. (It is because when turn a toilet light or a ventilation on then off, or turn off and turn on, the nozzle may move consequently each time. Furthermore, when a toilet light or a ventilation is off, the bidet does not function well.)			
Prohibited	DO NOT fold or damage the connecting flexible hose. It may cause a leakage of water.	A CONTRACTOR		
	DO NOT foot on the seat cover or main body as a footstool or place heavy objects on the bidet. It may cause damage.			
	DO NOT allow a burning cigarette or any flammables to close to the bidet. It may cause fire or deformation or discoloration.			
	DO NOT use a toilet detergent, benzene, thinner, cleanser or abrasive cleaners to clean the bidet. It may scratch or flaw the surface of the bidet.	Charles thinge		

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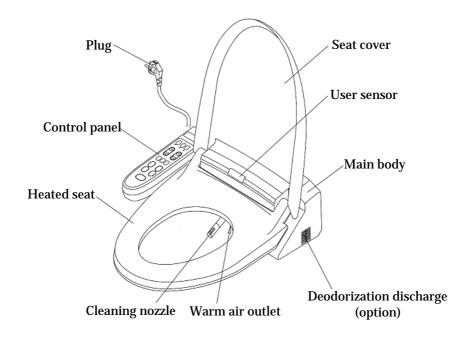


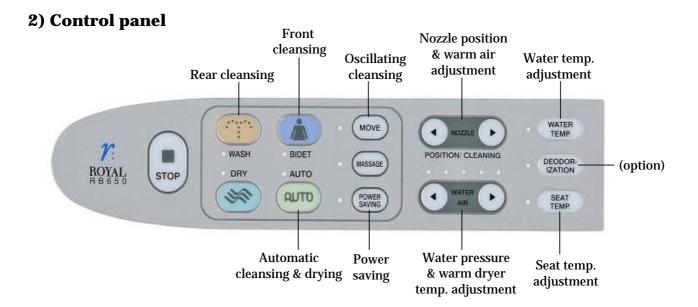
2) <u>Cautions in operating</u> (Follow the instructions below for your safety)



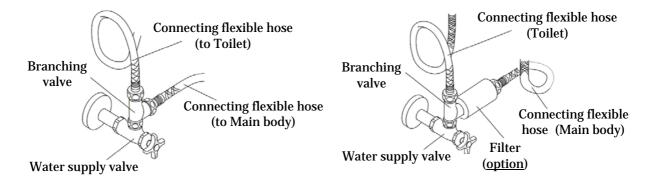
3. Product introduction

1) Main unit



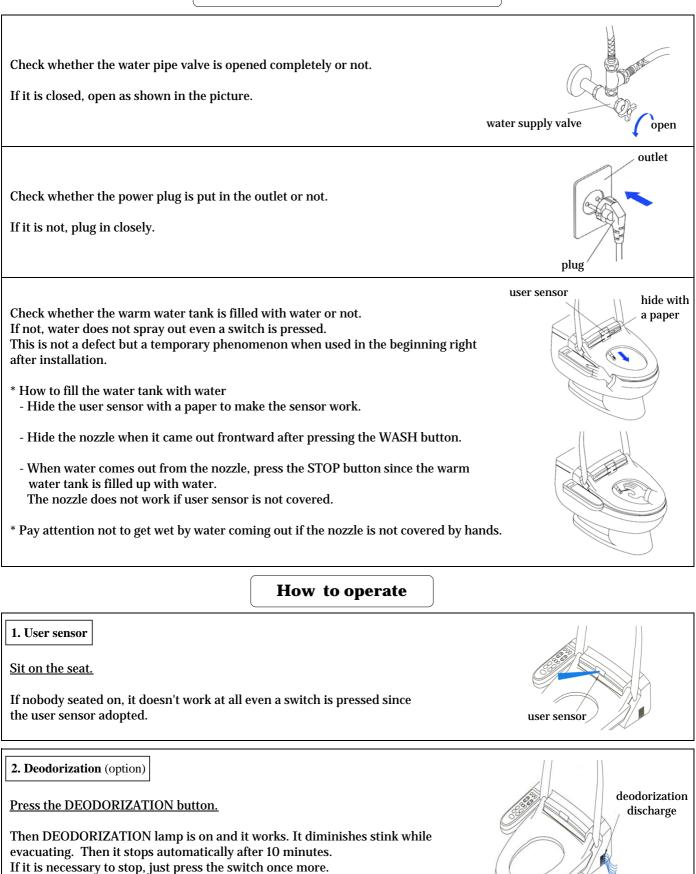


3) Accessories

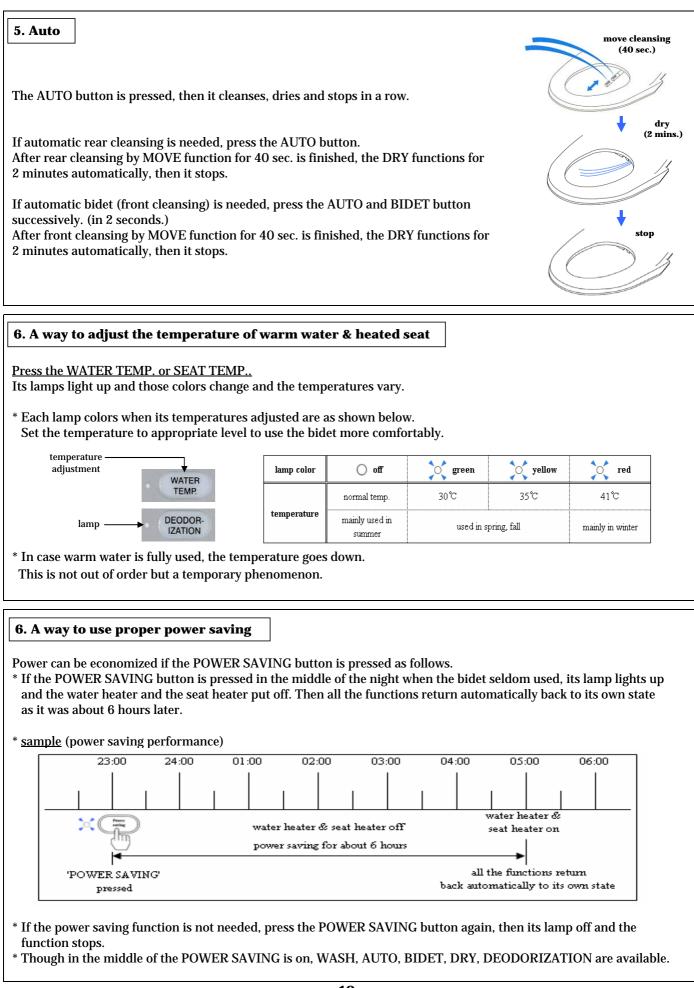


4. Operation

Check point prior to operation



3. Cleansing	
Press the WASH button when rear cleansing is needed. Press the BIDET button for front cleansing for ladies. Then its lamp lights up and cleanse the regions.	
Press the MOVE button when the wider region needs to be cleansed. The cleansing nozzle moves frontward and backward for cleansing. * If the MOVE button is pressed again, the move function stops. * The MOVE functions only in the middle of cleanse or bidet functioning.	A REAL PROPERTY AND A REAL
 Press (forward) or (backward) of the NOZZLE button in case the cleansing position needs to be adjusted. The nozzle moves forward or backward to meet required position. * The cleansing position can only be adjusted in between the regular area. So that it can not be adjusted more after it reaches at its maximum. 	backward frontward
In case repeated strong and weak cleansing is needed, press the MASSAGE button. The water pressure becomes strong and weak over and over, and cleanse. * If the MASSAGE button is pressed again, the MASSAGE function stops. * The MASSAGE functions only in the middle of cleanse or bidet functioning.	
If water pressure in cleansing needs to be adjusted, press \textcircled{O} (forward) or \textcircled{O} (backward) of the WATER / AIR button. It is adjustable in five levels.	strong weak
Press the STOP or DRY button after cleansing, then cleansing function stops. If the STOP button is not pressed for a long time, it will stop automatically about 3 minutes later.	strong weak
4. Dry	
Press the DRY button. Then its lamp lights up and warm air blows out to dry.	/
Press \bigcirc or \bigcirc button of the WATER / AIR in order to adjust warm air temperature. The temperature changes in five levels. (constant temperature, 45 °C ~ 65 °C) \bigcirc higher, \bigcirc lower	
 * The temperature of warm air can only be adjusted during warm air drying. * The temperature of warm air may be differentiated by surrounding temperature or voltage condition. 	
Press the STOP button after drying. * If the STOP button is not pressed for a long time, it will stop automatically about 5 minutes later.	



5. Cleaning instructions

1) Main unit

Warning	 * Extract the plug from the outlet without fail when it comes to clean the bidet. It may cause electric shock. * Do not touch the plug when hands get wet. It may cause electric shock. * Do not splash water or a detergent on the main unit or plug. It may cause fire or electric shock. 	
Caution	 * Do not use a toilet detergent, benzene, thinner, cleanser or abrasive cleaners in case of the bidet cleaning. It may scratch or flaw the surface of the bidet. * Pay attention not to make any scratch on the user sensor window. It may cause out of order. * In case a toilet detergent or antiseptic is used to clean inside the toilet, leave the seat cover opened. If evaporation gas go into the main unit, it may reduce durability or cause out of order. * Do not fold or damage the connecting flexible hose. It may cause water leakage. 	user sensor
make a sc - Wipe wi - In case after dil - If the m	ost the whole parts of the bidet are made of plastic, pay attention not to ratch while cleaning in accordance with the following instructions. th dry soft cloth. t is stained a large quantity of filth, smear a neutral detergent on soft cloth uting with water and wipe. Then wipe with dry soft cloth once more. ain unit of the bidet is stained with a detergent or antiseptic used for cleaning ngly, then wipe clean afresh with dry soft cloth.	wipe with dry soft cloth.
the bidet a the toilet a - <u>How to</u> : Hold t	he both sides of the main unit by hands, and lift front side slightly, ull ahead.	hold the both sides by hands, and lift front side slightly.
Pay attended of the second sec	unit caution ention not to fold or damage the connecting flexible hose. cause a leakage of water.	ahead
then p * In case th	e main unit and an opening between the bidet and the toilet to be bllow below instructions after separating the seat cover for convenience.	base plate main unit

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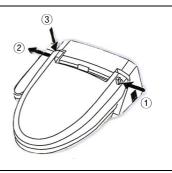
How to separate the seat cover

As shown in the photo, hold the left hand side of the cover by hands, and lift slightly, then pull ahead.



How to combine

As shown in the photo, combine a pin on right hand side of the seat cover first, then combine the left pin holding the left hand side of the cover by a hand.



2) Nozzle

* In case dirt on the nozzle to be washed off, press \bigcirc (forward) and \bigcirc (backward) of the NOZZLE button concurrently, then the nozzle comes out without water spraying. Clean the nozzle at this time.

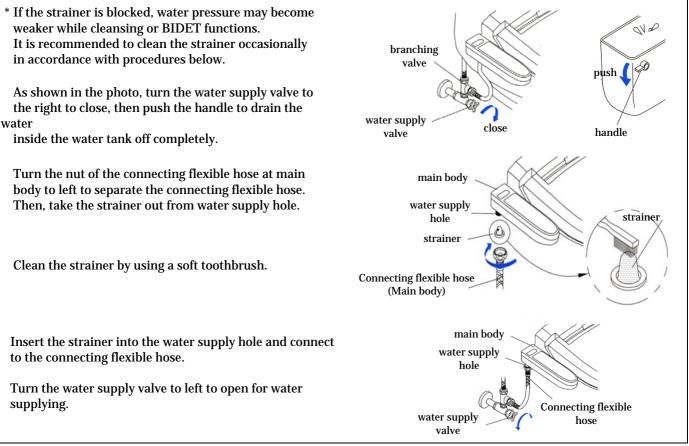
Use wet soft cloth in cleaning. In case it is stained a large quantity of filth, smear a neutral detergent after diluting with water on a soft brush and wipe. Then clean with water.

After cleaning is finished, press the STOP button The nozzle returns back to its original position.

Caution

Do not apply force to the nozzle to push or pull. It may cause out of order.

3) Strainer



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6. Check list before calling for service

* When it seems like out of order, check the followings before calling for service.

Still it does not work properly, pull out the plug and contact to authorized dealer for repair or replacement.



Caution

* Never try to dismantle or mend or modify. It may cause fire or electric shock.

 \ast In case a leakage of water, fasten the water supply valve to stop.



Problem	Cause	Remedy	
Overall functions are not	A power failure occurred.	Wait until the power is restored.	
working.	The power cord is disconnected.	Insert the power into a power outlet. (see page 8)	
	The water supply valve is not opened fully.	Open the water supply valve entirely.	
The water pressure is	The strainer is blocked.	Clean the strainer. (see page 12)	
low.	The water pressure adjustment is set to low.	Press 🕢 button. (see page 9)	
	The water filter is blocked. (In case a filter is adopted)	Change the filter. (see page 15)	
WASH or DRY does not function.	The seat sensor is not covered.	Sit closer to the seat sensor to make it work. (see page 8)	
	The water temperature adjustment is set to low.	Adjust water temperature. (see page 10)	
The water is cold.	The warm water is used for a long time.	Stop WASH and wait for approx. 5 mins.	
	POWER SAVING button is pressed.	Press the POWER SAVING button once more to off. (see page 10)	
The dryer temperature is low.	The dryer temperature adjustment is set to low.	Adjust warm dryer temperature by pressing AIR button. (see page 9)	
The seat doesn't get	The seat temperature adjustment is set to low.	Adjust seat temperature by pressing SEAT TEMP. button. (see page 10)	
warm.	POWER SAVING button is pressed.	Press POWER SAVING once more to off. (see page 10)	

◆ The symptoms below are not out of order.

- The water doesn't come out even WASH or BIDET button is pressed right after installation.
 - -> It is because the water tank is not full. In this case, press WASH or BIDET and wait about 1 minute. Then inside the water tank is filled with water and water is sprayed at the same time.
- It sounds strange like "ooong-" or "shi-i-I" while using.
 - -> It sounds when a pump or a nozzle motor or a deodorization motor works or when water comes out.
- The water temperature falls after a quantity of warm water used.
 - -> It happens if almost warm water inside the water tank is used, but it happens only temporarily.

- Thanks to adopting soft close function, the seat and cover fall smoothly and slowly. Due to changes in room temperature or the frequency of the bidet, the speed of the lid closure may vary. This is not a malfunction. In addition, due to the added weight of the cover, the seat and lid close much faster. This is not a malfunction.
- Though water comes out around from the nozzle while "WASH' or "BIDET' works, it is not out of order but just for cleaning the nozzle automatically.

Self diagnosis function

When it got out of order, it is automatically indicated as below.

If it is in need of repair by reason of below cause, inform the indicated details as well.

Problem	Indication (WATER TEMP. adjustment lamp lighting)		Symptoms	
Float sensor switch is disconnected.	WATER TEMP. lamp flickers in green.		The warm water is not sprayed.	
Water temperature sensor is disconnected.	WATER TEMP.	WATER TEMP. lamp flickers in yellow.	WASH, BIDET and AUTO do not work properly.	
Warm water temperature sensor' short-circuit	• WATER TEMP.	WATER TEMP. lamp flickers in red.		
Seat temperature sensor is disconnected.	SEAT TEMP.	SEAT TEMP. lamp flickers in yellow.	The seat is not warm.	
Seat temperature sensor' short- circuit	• SEAT TEMP.	SEAT TEMP. lamp flickers in red.		

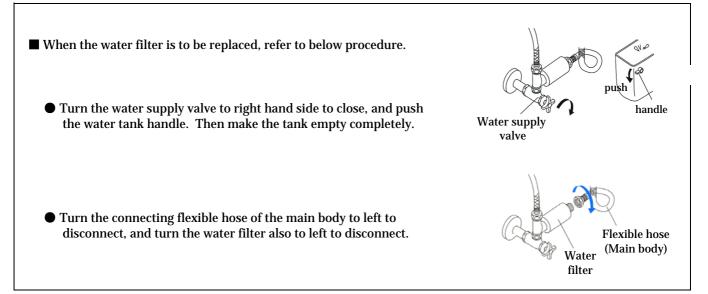
7. How to change the water filter

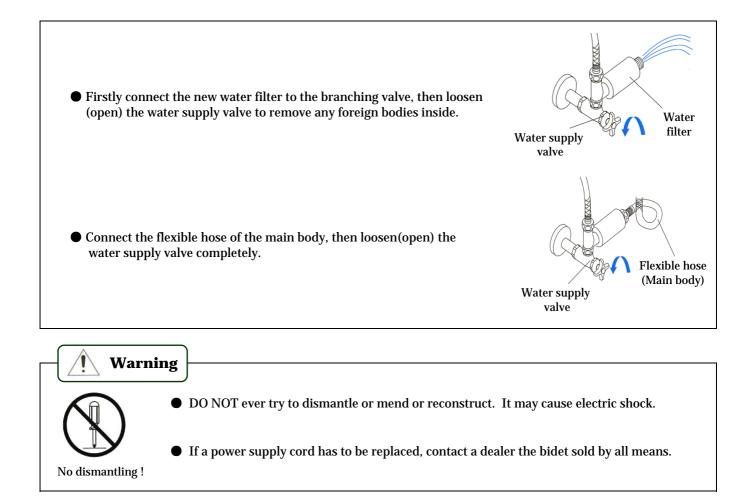
(RB670 model only)

Caution

• The water filter is a consumable part, and required to be replaced regularily (once in 6 months) If the filter is contaminated, it may cause an inflammation. If the filter is blocked then water pressure during cleansing may get weak.

• It is strongly recommended to use Royal TOTO's original water filter. In case it is not followed, and any harm or damages happened to body or property, Royal TOTO shall be under no obligation.





Product specification & functions

RB630W	RB650W	RB670W
	-	
	8-1 8:1	

Power rating		ing	AC 220V ~ 240V, 50/60Hz, 550W	
Environment working temperature		g temperature		
	Length of pow	er cord	1.5m	
		Method	Direct connection	
	Water supply	Required min. water pressure	$0.6 \sim 7.5 kgf/$ cm²	
	Amount of water	Cleansing (rear)	approx. 0.25 ~ 0.4L/min.	
	to be sprayed	Bidet (front)	approx. 0.35 ~ 0.5L/min.	
	Cle	ansing method	Air drop (50%) + water (50%)	
Cleansing system	Capacity of heater		500W	
	Capacity of water tank		550cc	
	Water temperature		Adjustable (30 ℃, 35 ℃, 41 ℃)	
	Safety device		Temperature fuse, Temperature overheating prevention device, Low water-level float switch	
	Nozzle	Material	Silver (Ag) nano nozzle (non-flammable resin)	
		Туре	2 in 1 nozzle	
		Water spray angle	52°	
	Capacity of heater		250W	
Drying system	Air temperature		Adjustable (45 °C, 55 °C, 65 °C)	
	Safety device		Temperature fuse	
	Capacity of heater		45W	
Seat heating system	Seat temperature		Adjustable (30 °C, 35 °C, 41 °C)	
	Safety device		Temperature fuse	
Product weight		ight	6Kg	
Product dimensions (W*D*H)		as (W*D*H)	486.5 * 541 * 154mm	

2. Functions

s. Functions					
	Rear cleansing		0		
a	Bidet (front)	0			
	Automatic cleansing (rear)	0			
Cleansing	Automatic bidet (front)	0			
	Move (Oscillating)	0			
	Massage		0		
Automatic noz	zle self-cleaning		0		
Deodoriz	zation (O ₂)	Х	0	0	
Wate	er filter	Х	X	0	
User	sensor	○ (infrared)			
Power (en	Power (energy) saving		0		
Self erro	Self error diagnosis		0		
Nozzle positi	on adjustment		0		
Water pressu	Water pressure adjustment		5 stages		
Water temp	o. adjustment	3 stages			
Seat temp.	adjustment	3 stages			
Air temp.	adjustment	5 stages			
Soft open/close (seat and lid)		0			
Non-flammable & anti-bacterial resin used		0			
One-touch main unit removal		0			
Braille control panel		0			

Limited Warranty

One Year Limited Warranty

1) ROYAL TOTO CO., LTD. ("Royal") warrants its products to be free from manufacturing defects under normal use and service for a period of one (1) year from the date of purchase. This warranty is extended only to the original purchaser.

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

2) This warranty does not apply to the following items:

- a. Damage or loss sustained in a natural calamity such as fire, earthquake, flood, thunder and/or electrical storm, etc.
- b. Damage or loss resulting from any unreasonable use, misuse, abuse, negligence, or improper maintenance of the product.
- c. Damage or loss resulting from removal, improper repair, or modification of the product.
- d. Damage or loss resulting from sediments or foreign matter contained in a water system.
- e. Damage or loss resulting from improper installation or from installation of a Washlet in a harsh and/or hazardous environment.
- 3) This warranty applies only to the Washlet, and not to any other items such as the toilet bowl, etc.
- 4) To obtain warranty repair service under this warranty, you must take the defective product or deliver it prepaid (shipping and handling) to an authorized ROYAL' service center or the closest authorized dealer.
- 5) In order for this limited warranty to be valid, Royal or an authorized dealer must receive the completed attached warranty registration card and your proof of purchase within 30 days of the original purchase date.
- 6) If the danger label which has been placed over the seams on the back of the bidet's main unit is broken or otherwise not intact, this limited warranty is void.

This written warranty is the only warranty made by Royal TOTO. Repair or replacement as provided under this warranty shall be the exclusive remedy available to the purchaser. Royal TOTO shall not be responsible for loss of the product or for other incidental, special or consequential damages or expenses incurred by the purchaser, or for labor or other costs due to installation or removal, or costs of repairs by others, or for any other expense not specifically stated above. To the extent permitted by law, Royal TOTO disclaims all other implied warranties including that of merchantability and fitness for a particular purpose. Royal TOTO disclaims any liability for special, incidental, or consequential damages. Some states do not allow limitations of how long an implied warranty lasts or the exclusion or limitation of special, incidental or consequential damages, so these limitations and exclusions may not apply to you. This warranty gives the consumer specific legal rights. You may also have other rights that vary from state to state. This warranty is to the original purchaser only, and excludes product damage due to installation error, product abuse, or product misuse, whether performed by a contractor, service company, or the consumer.

Warning !

Royal TOTO shall not be responsible or liable for any failure of, or damage to, this plumbing product or product components caused by either chloramines in the treatment of public water supply or cleaners containing chlorine (calcium hypochlorite).

Note :

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

THIS IS OUR EXCLUSIVE WRITTEN WARRANTY.

Royal TOTO

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