



1

### IMPORTANT SAFETYGUARDS

When using electrical products, especially when children are present, basic safety precautions should always be followed.

### READ ALL INSTRUCTIONS BEFORE USING

- For 120V 60Hz : Power supply must be a 15 Amp GFCI outlet.
- The electrical cord must be connected to a GFCI outlet.
- The GFCI outlet should be 1ft. above the floor.
- Install only in well-ventilated areas to avoid excess humidity.
- Do not install in narrow toilet stalls or in shower stalls.
- Install only where direct contact with water is minimized.
- Do not install near any heat source.
- Avoid using extension cords if possible. Consult with a certified electrician where extension cords are necessary.

### 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 handicapped individuals.
- Use this product only for its intended use as described in this manual. Do not use attachments not recommended by the manufacturer.
- Never operate this product if it has a damaged cord or plug, if it is not working properly, has been dropped or damaged, or dipped into water. Return the product to a service center for examination and repair.
- Keep the cord away from heated surfaces.
- 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 where oxygen is being administered.
- Connect this product to a properly grounded outlet only. See grounding instructions.
- Unplug this product before filling. Fill (reservoir) with water only.

### GUIDE DE SECURITE IMPORTANT

Lorsque vous utilisez du matériel électrique, spécialement quand les enfants sont présents, des précautions de sécurité de base doivent être suivies.

### Lisez toutes les instructions avant utilisation

- Pour 120V 60Hz : L'alimentation doit supporter 15 Ampères à la prise GFCI.
- Le cordon électrique doit être connecté à une prise GFCI.
- La prise GFCO doit être situé 30 cm au dessus du sol.
- Installer uniquement dans des zones bien ventilées pour éviter l'excès d'humidité.
- Ne pas installer dans des cabines de toilettes étroites ou dans des cabines de douche.
- Installer uniquement lorsque le contact direct avec l'eau est minimisé.
- Ne pas installer à proximité d'une source de chaleur.
- Si possible, éviter d'utiliser des rallonges . Consulter un électricien certifié si l'extension de cable est nécessaire.

### DANGER – Pour réduire le risque d'électrocution:

- Ne pas utiliser pendant le bain
- Ne pas placer et ne pas stocker le produit dans un lieu où il pourrait tomber dans une baignoire ou un évier.
- Ne pas placer ou laisser tomber dans l'eau ou tout autre liquide.
- N'atteignez pas un produit tombé dans l'eau. Débranchez immédiatement..

### ATTENTION – Pour réduire le risque de brûlure, d'électrocution, d'incendie et de blessure aux personnes:

- Une surveillance étroite est nécessaire lorsque ce produit est utilisé par, sur, ou à proximité d'enfants ou de personnes handicapées.
- Utilisez ce produit uniquement pour son usage prévu, comme il est décrit dans ce manuel. N'utilisez pas d'accessoires non recommandés par le fabricant.
- N'utilisez jamais ce produit si le cordon ou la prise est endommagé, si il ne fonctionne pas correctement, si il a été laissé tomber, endommagé, ou plongé dans l'eau. Retournez le produit à un centre de service pour examen et réparation.
- Tenez le cordon éloigné des surfaces chauffées.
- Ne laissez jamais tomber et n'insérez aucun objet dans une ouverture ou un tuyau.
- Ne pas utiliser à l'extérieur ou opérer en présence d'aérosols (vaporisateurs), ou quand l'oxygène est administré.
- Connectez ce produit uniquement à une prise mise à la terre. Voir les instructions de mise à la terre.
- Débranchez ce produit avant de le remplir. Remplir (réservoir) avec de l'eau uniquement.
- Ne vous appuyez pas sur le couvercle ou ne vous asseyez pas dessus.

## Safety Instructions

### GROUNDING INSTRUCTION

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

This product has a three-prong grounding plug, which must be plugged into an outlet that is properly installed and 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. 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 service person 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 120V circuit, and has a grounding plug that looks like the plug illustrated in sketch A in Figure 1. A temporary adapter, which looks like the adapter illustrated in sketches B and C, may be used to connect this plug to a 2-pole receptacle as shown in sketch B if a properly grounded outlet is not available.

The temporary adapter should be used only until a properly grounded outlet (sketch A) can be installed by a qualified electrician.

The green colored rigid ear, lug, or 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.

### INSTRUCTIONS DE MISE À LA TERRE

**DANGER - Une mauvaise utilisation de la fiche de mise à la terre peut entraîner un risque de choc électrique.**

Ce produit possède une prise de mise à la terre à trois broches, qui doit être branchée dans une prise correctement installée et mis à la terre. En cas de court-circuit électrique, la mise à la terre réduit le risque de choc électrique en créant un fil d'échappement pour le courant électrique. Si une réparation, un changement du cordon ou de la prise est nécessaire, ne pas connecter le fil de mise à la terre à l'une ou l'autre extrémité plate. Le fil dont l'isolant a une surface extérieure verte avec ou sans bandes jaunes est le fil de mise à la terre. Vérifiez auprès d'un électricien qualifié ou d'une personne de service si les préconisations de mise à la terre ne sont pas entièrement comprises, ou en cas de doute pour savoir si le produit est correctement mis à la terre. Ce produit est destiné à être utilisé sur un circuit nominal de 120 V et possède une prise de terre semblable à la prise illustrée. Croquis A sur la figure 1.

Un adaptateur temporaire, qui ressemble à l'adaptateur illustré dans les schémas B et C, peut être utilisé pour se brancher à une prise bipolaire comme indiqué sur le croquis B si une prise correctement mise à la terre n'est pas disponible.

L'adaptateur temporaire doit être utilisé uniquement jusqu'à ce qu'une prise correctement mise à la terre (schéma A) soit installée par unélectricien qualifié.

La poignée rigide de couleur verte, provenant de l'adaptateur, doit être connectée à une mise à la terre comme un couvercle de boîte de sortie correctement mis à la terre. Chaque fois que l'adaptateur est utilisé, il doit être maintenu en place par la vis.

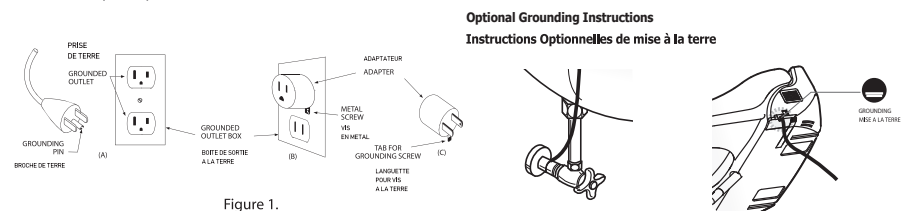


Figure 1.

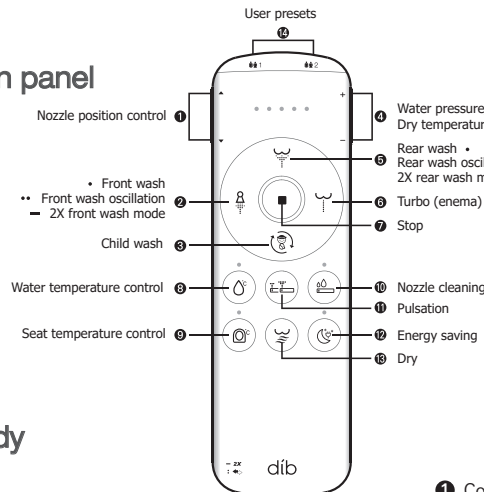
Thank you for purchasing the unit.  
This unit should be installed according to this manual.  
Read this manual carefully and install properly.  
Do not attempt to service this unit yourself. Doing so could void your warranty.



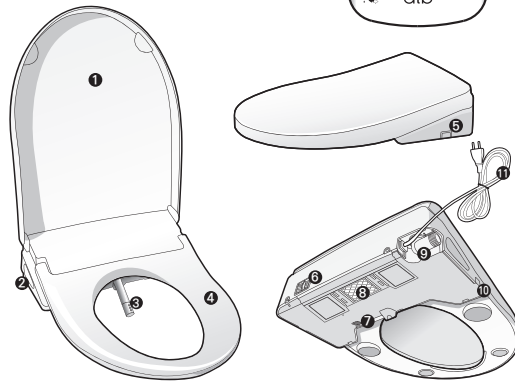
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## Parts & Configuration

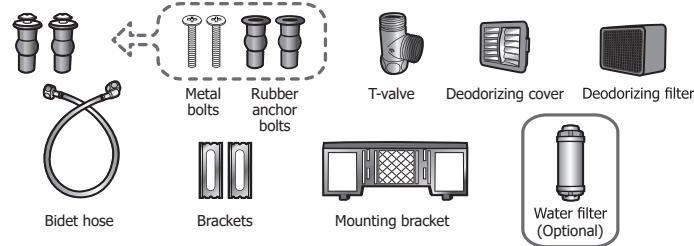
### ● Operation panel



### ● Main Body



### ● Accessories

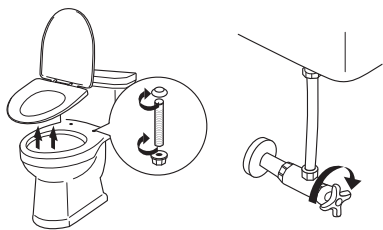


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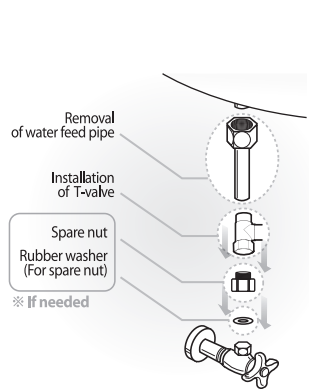
## Installation & Trial operation

### 1 Remove the seat from the existing toilet body.

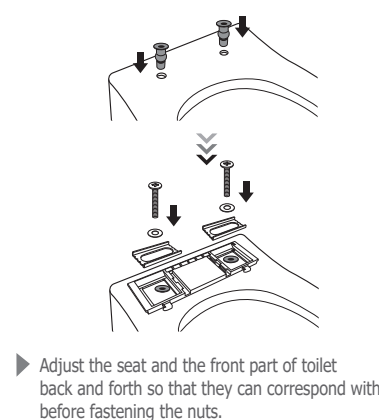
- ▶ Release the nuts, and then remove the seat and cover from it.
- ▶ Keep the removed seat, cover and nuts in a proper place in case of using them again.
- ▶ Turn off the water.



### 2 Remove the water hose and then install T-valve.



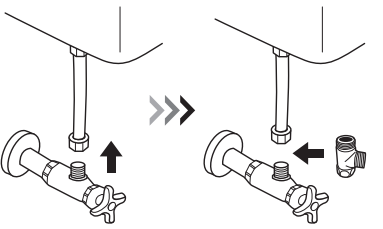
### 3 Fix the bracket onto the toilet first.



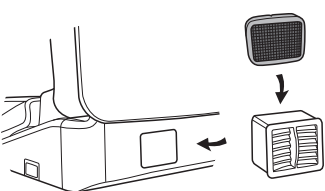
### 4 Push the main body toward the bracket completely.



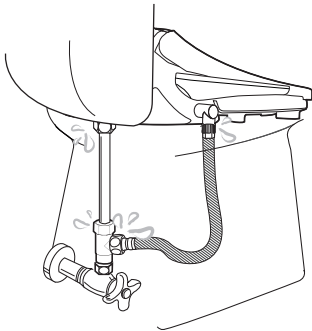
### 5 After installing the T-valve, connect the bidet-use hose to the bidet body and turn on the water.



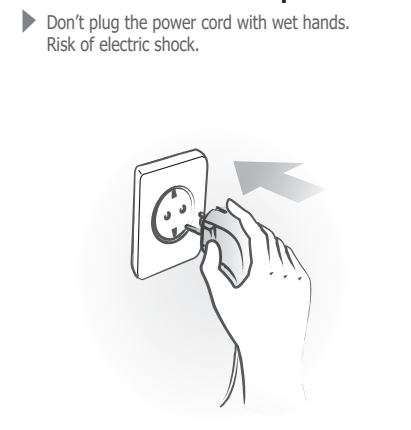
### 6 Insert the deodorizing cartridge into the bidet body.



### 7 Turn on the water and check for leaks.



### 8 Be sure that the nozzle comes out and retracts when powered on.

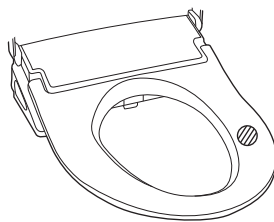


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## How to Use

### 1 Sit on the toilet seat

- ▶ Be sure to sit on the seat sensor. If the sensor is not occupied, all functions will not operate.
- ▶ Deodorization starts automatically.



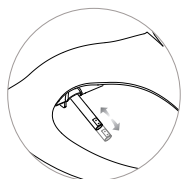
### 2 Wash, Bidet, Intensive

- ▶ Selected function can be used as described.
- ▶ When pressing the selected function again, nozzle will move back and forth to wash a wider range.
- ▶ Press the button once again to stop Massage function.
- ▶ dib's specialized water spray in Intensive function helps relieve constipation and fecal stasis.



### 5 Nozzle Position Control

- ▶ Nozzle position is adjustable. (5 levels)



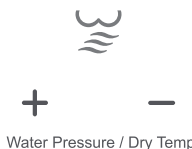
### 6 Water Pressure Control

- ▶ Water pressure is adjustable. (5 levels)
- ▶ If the water or screen filters become blocked, it may cause low water pressure. Regularly check the screen filter.



### 3 Dry Temperature Control

- ▶ Dryer operates for 3 minutes.
- ▶ Dryer temperature is adjustable by pressing power ctrl buttons. (5 levels)
- ▶ Dryer effect will be improved if you wipe the moisture lightly before operating the drying function.



### 4 Pulse

- ▶ When pressing the Pulse button during the operation of Wash, Bidet, and Intensive, water pressure will repeat high and low for smooth pulsating wash.
- ▶ Pulse function will not operate during the operation of Sitz bath.

\*See how to use section 5-14 for Sitz bath.



### 7 Stop

- ▶ All operations will stop.
- ▶ When pressing the Stop button for 3 seconds, the unit will be in sleep mode.
- ▶ Press Stop, Wash, Bidet or Intensive to turn on.
- ▶ When pressing the Stop button for 5 seconds consecutively, the unit will be turned off and on automatically and initialized. All presets will be deleted.



### 8 Child Function

- ▶ When selecting Child function, settings\* will be adjusted for children.
- ▶ 1 min Bidet - 30 sec Bidet Oscillating - 30 sec Bidet Pulse - 2 min Dry work consecutively.
- ▶ In case of DIB-C410, Dry function will not operate.

\*Settings  
Extra extended nozzle position  
Lower water pressure  
Lower seat temperature  
Lower water temperature





# User's Guide

DIB-N650R

(120V~, 60Hz)

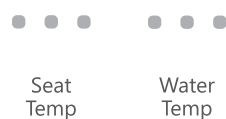
Thank you for purchasing the unit.  
This unit should be installed according to this manual.  
Read this manual carefully and install properly.  
Do not attempt to service this unit yourself. Doing so could void your warranty.



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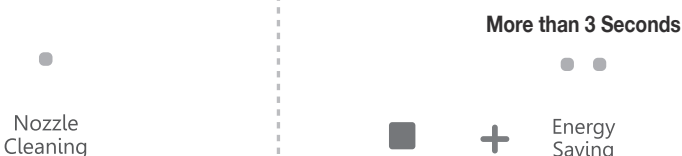
## 9 Seat / Water Temperature Control

- ▶ Seat / Water temperature is adjustable. (4 levels)  
(Off – Low – Middle – High)
- ▶ To reduce the chance of low temperature burns, the seat has a seat heater auto adjustment function which turns to low temperature (35°C, 95°F) when seat is occupied for more than 15 minutes consecutively. If the seat is set lower than middle level, the seat remain at off or low level.



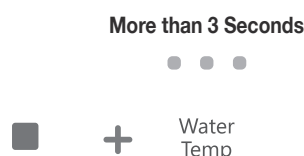
## 10 Energy Saving Fuction

- ▶ Automatic energy saving mode  
- This mode will be activated by pressing the Energy Saving button until yellow LED lamp lights on. (Seat and water temperature will be kept at 32°C)
- ▶ Powerful energy saving mode  
- This mode will be activated by pressing the Energy Saving button until green LED lamp lights on. (Seat and water heater will be kept off)
- ▶ Release of energy saving mode  
- Press the Energy Saving button until LED lamp turns off.
- ▶ When the unit is occupied, it adjusts to the preset temperature and it returns to the saving mode when seat is unoccupied.
- ▶ If the seat and water temperature are off, they will remain off.



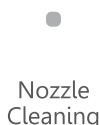
## 13 Automatic tank draining

- ▶ To protect water contamination, the water tank will be drained(replaced) for 2 minutes if the seat is not used for 48 consecutive hours.
- ▶ This feature is deactivated from the factory. To activate this feature, press Stop and Water Temp. buttons for 3 seconds.



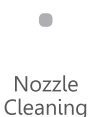
## 14 Sitz Bath

- ▶ Wash or Bidet is switched to Wash Sitz Bath or Bidet Sitz Bath if Nozzle Cleaning button is selected during Wash or Bidet operation.
- ▶ Water pressure is switched to 1st level regardless of preset water pressure settings and Sitz Bath operates for 5 minutes.
- ▶ LED of Nozzle Cleaning turns on during the operation of Sitz Bath.
- ▶ Select the Nozzle Cleaning again to switch to normal Wash or Bidet.



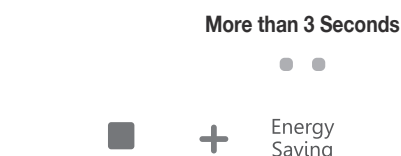
## 11 Nozzle Cleaning

- ▶ When selecting Nozzle Cleaning while not seated, the nozzle cleans itself 3 times. Then nozzle extends and stop for manual cleaning process.
- ▶ Clean the nozzle with a brush and press STOP button after completion of manual cleaning. Then nozzle cleans itself for 3 times and retracts.
- ▶ NOZZLE CLEANING will not operate if the seat sensor is activated.



## 12 Deodorization

- ▶ When sitting on the seat, deodorizing function starts automatically.
- ▶ After leaving the seat, the deodorizing function operates for 1 additional minute.
- ▶ Automatic start deodorizing function can be cancelled /set by pressing Stop and Energy saving buttons for 3 seconds.



## 15 Seat Sensor Release

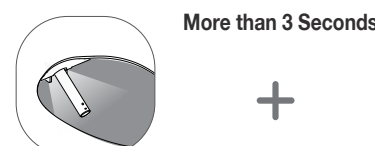
- ▶ The seat sensor can be activated and deactivated by pressing Pulse button for 3 seconds.
- ▶ If the seat sensor is deactivated, the unit works without occupying the seat and features\* cannot be controlled.

\* Features  
Night light, Silent mode, Nozzle cleaning.



## 16 Night Light

- ▶ Blue LED night light provides enough brightness to see the toilet without turning on the bathroom light.
- ▶ Night light can be turned on and off by pressing '+' for 3 seconds while not seated.
- ▶ Night light setting cannot be adjusted if seat sensor release feature is activated.

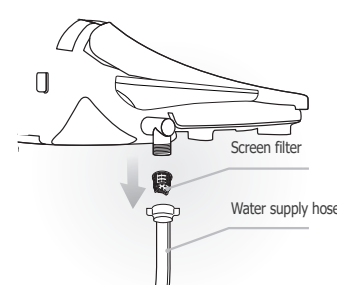


## How to Use

6

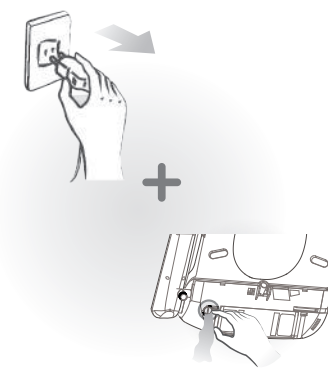
### Screen Filter Cleaning

- 1 Close the water valve.
- 2 Disconnect the water supply hose. Take the screen filter out and clean it with a soft brush.
- 3 Return the filter after cleaning and reconnect the water supply hose.
- 4 Open the water valve.



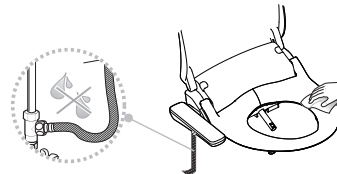
### Maintenance during Winter Season

When bidet seat is not used for an extended period of time, unplug and drain the unit.



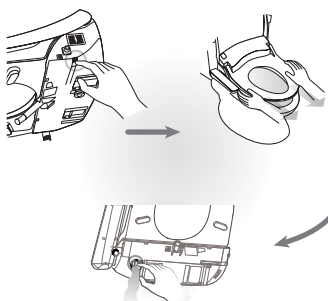
### Cleaning the Unit

- 1 Exterior surface of unit is made of plastic material, which may be damaged by scrubber, chemicals, etc.
- 2 Wipe the surface with a soft damp cloth. Do not spray water directly onto the surface.
- 3 Clean the body after removing the power plug from the outlet. Be sure no water splashes into the power plug or outlet.
- 4 Be careful of not dropping any chemical detergents or toilet cleaner on the water supply hose. Risk of hose damage.



### Draining of Remaining Water

- 1 Remove the power plug from the outlet.
- 2 Close the water feed valve.
- 3 Press the lever plate and gently pull to remove the unit from the catch plate.
- 4 Use a coin to open the drain plug.



7

## Settings

● : Seat sensor 'off' status ○ : Seat sensor 'on' status ◎ : Regardless of on/off

No	Function	Seat status	Switch operation	Description	Initial status
1	Silent mode	●	"—" for longer than 3 seconds.	To turn on/off the operating chime sound.	ON
2	Factory default setting	●	"■" for longer than 5 seconds.	All settings will be initialized.	
3	Sleep mode	●	"■" for longer than 3 seconds.	The unit will be in sleep mode. Press any of "⏏", "⏏", "⏏" and "⏏" turn on.	
4	Seat sensor release	●	"⏏" for longer than 3 seconds.	Seat sensor feature will be deactivated.	OFF
5	Automatic start deodorizing	◎	"⏏" for longer than 3 seconds.	Automatic deodorizing start feature will be deactivated.	ON
6	Night light	●	"+" for longer than 3 seconds.	To on/off the night light.	ON
7	Automatic tank draining	●	"■" + "⏏" for longer than 3 seconds	Automatic tank draining feature will be activated	OFF

\* The unit will work without sitting on the seat if the occupied seat sensor is deactivated. (turned off)

\* If the seat sensor is deactivated, some features cannot be controlled.  
(Night light on/off, silent mode on/off and nozzle cleaning)

\* Above features are deactivated with 1 buzzer sound and activated with 2 buzzer sounds.

8

## Troubleshooting

※ Please check the following points before requesting the repair service.

Problem	Check list
Completely out of order	• Check if the power plug is not connected. • Check if the power supply or outlet failure.
Water does not spray out	• Check if the water supply is turn on. • Check if water valve is locked. • Check if nozzle is blocked by foreign material. • Check if connection hose is bent.
Water pressure is low	• Check if screen filter is blocked by foreign material. • Check if the water pressure is set at too low level.
Water is not warm enough	• Check if its temperature is set at off or low level, or economy mode.
Seat is not warm enough	• Check if its temperature is set at off or low level, or economy mode.
LEDs of water high, middle and low level blinking	• Check the water is supplied properly. • Power plug out and in process required after checking.
Water tank is drained intermittently	• Check if the automatic water draining feature activates.

### Self-Diagnosis Table

※ Please refer to the following table and inform the exact status when requesting repair service.

No	Self Diagnosis	Indication
1	Water temp sensor is disconnected or not inserted	LEDs of water low + middle level blinking
2	Water temp sensor is short-circuited or overheated	LEDs of water high + middle level blinking
3	Seat temp sensor is disconnected or not inserted	LED of water low level blinking
4	Seat temp sensor is short-circuited or overheated	LED of water high level blinking
5	Check the water is supplied properly.	LEDs of water high, middle and low level blinking Power plug out and in process required after checking.

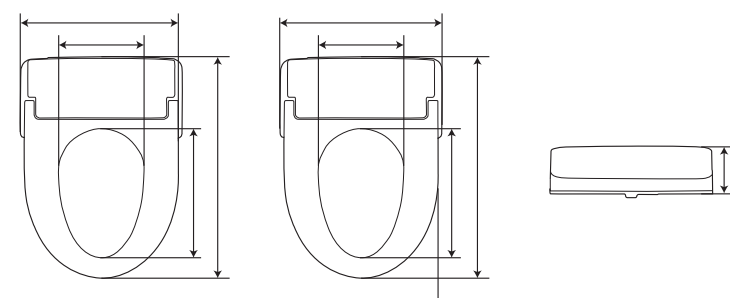
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## Comparison Chart

Features	DIB-N650R
Wash / Dry features	●
Wash	●
Bidet	●
Intensive	●
Child	●
Pulse	●
Massage	●
Instant heating	●
Bubble Wash	●
Built in pump motor	●
Dry	●
deodorizing	●
Heated seat	●
User Preset	●
Soft closing lid/seat	●
Low burn protection	●
Night light	●
Nozzle cleaning	●
Energy saving	●

■ Dimensions

inch(mm)



10

## Specifications

Item		DIB-N650R
Rated voltage		120V~, 60Hz
Max. Power consumption		1350W
Power cord length		1.5M
Water feed method		Directly connected to water pipe
Recommended water inlet pressure		0.068-0.734 MPa
Wash	Feed Volume	Wash 0.7 ℓ / min
		Bidet 0.7 ℓ / min
		Intensive 0.9 ℓ / min
	Pressure control	Wash/Bidet 10 Levels, Intensive 5 levels
	Temperature control	4 levels (off-low-middle-high)
	Heater capacity	1,300W
Safety device		Temp.Fuse, Thermo Switch
Heated seat	Temperature control	4 levels (off-low-middle-high)
	Heater capacity	48W
	Safety device	Temp.Fuse
Dry	Temperature control	5 levels
	Heater capacity	400W
	Safety device	Temp.Fuse, Bi-metal
Deodorization		Catalytic deodorization
Feed water temp. tolerance range		3~35℃(recommended 12~35℃)
Usage room temp. tolerance range		3~40℃(recommended 10~35℃)
Dimension	Elongated	380mm X 528mm X 112mm
	Round	380mm X 501mm X 112mm
Weight Net weight (Gross weight)		4.0kg(7.0kg)

## WARRANTY

1. We hereby guarantee the product as follow in accordance with the regulation of consumer damage compensation.
2. In case of failure of the product, please inform the distributor where you purchased the product.
3. Product Warranty will be effective for one year from date of purchase.

Model Name	DIB-N650R	
Warranty Period	One (1) year since the date purchased	
Date Purchased		
SER.No.		
Name	Tel.No.	
Distributor	Tel.No.	

### Regarding Product Warranty Regulation...

1. We will repair the product at free of charge in case it was failed under the normal operating condition in accordance with the user guide during the warranty period.
  2. Although it is within the warranty period, we will charge the repair service fee etc. (repair + product + travel expense) if it falls under the following cases.
- Voiding warranty
1. Defects occurred from the user's careless handling
  2. Defects occurred from the usage with incorrect power voltage (E.g., 220V was used to the 110V product.)
  3. Defects occurred from the improper repair done by the person other than our service engineer.
  4. Defects occurred from Force Majeure (fire, salt, flood, etc.)
  5. Failure or damage due to the drop, etc. (user's mis-handling) during the operation after installed
  6. Defect occurred from the interior modification at user's discretion
  7. In case the life cycle of the part expired

Mail, email or fax the warranty form to:  
**YOUR LOCAL DEALER FIRST where you bought this appliance**

If your dealer is unable to assist you

LS Daewon  
LIVING SOLUTION

94,249beon-Gil, Robotland-Ro, Seo-Gu, Incheon-City, 22756, Korea  
[www.lsdawon.co.kr](http://www.lsdawon.co.kr)

## FCC compliance information

### FCC Compliance Statement

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 operation.

### FCC Interference Statement

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 correct the interference by one 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 which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

### FCC Caution

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

## IC compliance information

### Industry Canada Statement

This device complies with RSS-247 of the Industry Canada 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 operation. Ce dispositif est conforme à la norme CNR-247 d'Industrie Canada applicable aux appareils radio exempts de licence. Son fonctionnement est sujet aux deux conditions suivantes: (1) le dispositif ne doit pas produire de brouillage préjudiciable, et (2) ce dispositif doit accepter tout brouillage reçu, y compris un brouillage susceptible de provoquer un fonctionnement indésirable.

## CE compliance information

The product can be used in which EU members, in accordance with Article 10(10) / or declaration that can be used in at least one EU country, in accordance with Article 10(2).

Transmitter Power e.i.r.p max 7.45 dBm

- Frequency band: 2405 MHz ~ 2480 MHz (Zigbee)

Worst case Mode	Target Power [dBm]	Allowed Tolerance [dB]	Max Tune Up Power [dBm]	Measured Power [dBm]
Zigbee_2405	-6	1	-5	-6.69
Zigbee_2440	-5	1	-4	-5.72
Zigbee_2480	-5	1	-4	-4.76