

Safety Instructions

1

Warning

Risk of hazardous or lethal damage when violating the instructions.

Caution

Risk of injury or material damage when violating the instructions.

Disassembly, modification or repair is not allowed.

Risk of electric shock or fire.

Don't plug or touch the power cord with wet hands.

Risk of electric shock.

Don't spray water on the main body of product or power plug.

Risk of electric shock or fire.

Don't use the damaged power cord or outlet

If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

Don't fail to do grounding

Always use the outlet that encloses the earth electrode (Earth terminal mounting outlet-check if there is earth or not).

In case there is no earth electrode, do grounding separately.

When it is not grounded, it causes the failure and electric shock.

Don't locate the cigarette or flammable materials near the product; Don't throw the cigarette into the product.

Don't connect the product to the water pipe of industrial use.

Risk of causing dermatitis of user.

Don't connect power to the product before its complete installation on the toilet

Don't block the hot air hole nor put any object on the hole

Risk of burn or electric shock. (DIB-C430R, C450R only)

When removing the product from toilet, always release the power plug first.

Risk of electric shock.

Don't force to lean against the cover of toilet.

Risk of failure.

When the product is not used an extended period of time, remove the power plug and drain the water out of the product tank.

It may cause the water rotten and result the skin disease.

Don't stand on the product; don't put heavy object on it.

Risk of injury or damage to the product.

Don't force to close the cover of toilet.

Risk of failure.

When cleaning, don't use toilet-use detergent, benzene, thinner, etc.

Risk of damage to the product or crack.

Don't bend the connecting hose; don't force to pull it out.

It may cause stoppage of water supply or leakage.

When installing, push it in until it sounds 'Click'

It may cause water leakage or mal-operation.

Don't use with the product out of order.

When it is out of order remove the plug from the outlet and inform the service center.

Otherwise, it may cause fire or electric shock.

Insert the power plug correctly in 220~240V exclusive outlet.

Risk of heat or fire.

Be cautious low temperature burn.

When the skin has been in contact with a seat for a long time, it may cause low temperature burn. The seat temperature should be set on Low or off when the unit is used for children, elderly persons, persons who cannot control the temperature by themselves.

Don't place the removed product upside down.

Risk of the product failure.

2

Main Body

Power Plug

Cover

Dryer (excl. DIB-C410R)

Seat Sensor

Wash & Intensive

Bidet

Heated Seat

Night Light

Side Control Panel

Accessories

Top mount metal bolt

Top mount rubber nut

Washer

T-Valve

Deodorizing cartridge (DIB-C450R model only)

Bracket Holder

Water supply hose

Catch plate

Spare nut

Rubber washer (for Spare nut)

Optional

3

Operation panel

WASH

To run the wash function. (1 minute)

PULSE

To run the pulse function during wash/bidet/ intensive operation.

NOZZLE CLEANING

Selecting nozzle cleaning while not seated, the nozzle cleans itself 3 times. Then nozzle extends and stops for manual cleaning process.

SEAT TEMP

To control seat temperature. (off/low/mid/high)

BIDET

To run the bidet function. (1 minute)

STOP

To stop any operations.

INTENSIVE

To run the intensive function. (1 minute)

CHILD

Children safety and automatic mode.

DRY

To run the dry function. 3 minutes (excl. DIB-C410R)

ENERGY SAVING

1st : Automatic mode
2nd : Powerful mode
3rd : Cancellation

WATER TEMP

To control water temperature. (off/low/mid/high)

To control the nozzle position.

To control water pressure.

To control dryer temperature. (excl. DIB-C410R)

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 well in a proper place in case of using them again.

Turn off the water.

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

Removal of water feed pipe

Installation of T-valve

Spare nut

Rubber washer (for spare nut)

If needed

3

Fix the bracket onto the toilet first.

Top mount metal bolt

Washer

Bracket holder

Catch plate

Top mount rubber nut

Align

Adjust the seat and the front part of toilet back and forth so that they can correspond with before fastening the nuts.

4 Push the main body toward the bracket completely.

Push it in until it sounds 'click'

When the product is not installed well, it may cause seat apart.

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

Toilet hose

T-valve

Bidet hose

6 Be sure of no leakage around the hose connection.

7 Remove the adhesive protection to attach the remote control bracket to the wall or other surface.

Clean the area thoroughly before attaching the bracket.

8 Insert two "AA" type batteries (included) as indicated inside battery compartment.

Identify a location in the bathroom for the remote control that is visible and reachable from the toilet.

9 Insert the deodorizing cartridge into the bidet body. (DIB-C450R only)

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

Don't plug the power cord with wet hands.

Risk of electric shock.

4

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. (DIB-C450R feature only)

Seat sensor

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.

Wash

Bidet

Intensive

3 Dry Temperature Control (DIB-C430R/C450R feature only.)

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.

Dry

Power Ctrl

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.

Pulse

5 Nozzle Position Control

Nozzle position is adjustable. (5 levels)

Nozzle

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.

Water Pressure

7 Stop

All operations will stop.

When pressing the Stop button for 3 seconds, unit will turn off.

Press Stop, Wash, Bidet or Intensive to turn on.

When pressing the Stop button on the side control panel for 5 seconds consecutively, the unit will be turned off and on automatically and initialized. All presets will be deleted.

Stop

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-C410R, Dry function will not operate.

*Settings

Extra extended nozzle position

Lower water pressure

Lower seat temperature

Lower water temperature

Child

5 How to Use

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.

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 (DIB-C450R feature only)

- 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 while not seated.

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 preset water pressure setting 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.

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.

6 Maintenance & Cleaning

Screen Filter Cleaning

- Close the water valve.
- Disconnect the water supply hose. Take the screen filter out and clean it with a soft brush.
- Return the filter after cleaning and reconnect the water supply hose.
- 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 of Unit Body

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

Draining of Remaining Water

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

7 Settings

7-1. User setting with the remote control

● : 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	Seat sensor release	●	" + " for longer than 3 seconds.	Seat sensor feature will be deactivated.	OFF
3	Automatic start deodorizing	◐	" - " for longer than 3 seconds.	Automatic deodorizing start feature will be deactivated.	ON
4	Night light	●	" + " for longer than 3 seconds.	To on/off the night light.	ON
5	Automatic tank draining	●	" + " + " for longer than 3 seconds	Automatic tank draining feature will be deactivated.	OFF

7-2. User setting with the side control (auxiliary panel)

1	Factory default setting	●	" ■ " for longer than 5 seconds.	Press one of Stop, Wash or Bidet to power on.	
2	Sleep mode	●	" ■ " for longer than 3 seconds.	The unit will be in sleep mode. Press any of " " " " " " and " " " " turn on.	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.

7-3. Remote ID setting

- ID setting is required to protect remote signal interruption if more than one bidet seats are installed at one place (public toilets)

- Press Nozzle Control "▼" for 3 seconds. The indicator of "Nozzle Cleaning" blinks and the unit is ready for ID setting.
- Set the ID by pressing Power Control "+" or "-" (1~5 IDs available)
- Press "Stop" to save the ID. The main unit will be synchronized simultaneously.

* The remote should be located near by the main unit when ID is set.
* Default ID of remote is "0"
* In case of battery replacement, power resetting of main unit or factory initialization, ID will be initialized, "0", and setting process should be done again.

9 Comparison Chart

	Features	DIB-C450R	DIB-C430R	DIB-C410R
Wash / Dry features	Wash	●	●	●
	Bidet	●	●	●
	Intensive	●	●	●
	Child	●	●	●
	Dry	●	●	●
Convenient / Comfortable features	Normal / Powerful energy saving	●	●	●
	Oscillating / Pulsating	●	●	●
	Continuous heated water	●	●	●
	Heated seat	●	●	●
	Soft closing	●	●	●
	One touch release	●	●	●
	Automatic deodorizing	●	●	●
	Nozzle cleaning	●	●	●
	Seat sensor release	●	●	●
	Night Light	●	●	●
Remote control	●	●	●	
Safety features	Low burn protection	●	●	●

■ Dimensions inch(mm)

<Elongated type>

<Round type>

10 Specifications

Item	DIB-C450R	DIB-C430R	DIB-C410R	
Rated voltage	AC 220 ~ 240V, 50Hz ~			
Max. Power consumption	870W			
Power cord length	1.8m			
Water feed method	Directly connected to water pipe			
Recommended inlet water pressure	0.7 ~ 7.5MPa			
Wash	Feed Volume	Wash	0.5~0.8 l/min	
		Bidet	0.5~0.7 l/min	
		Intensive	0.5~0.7 l/min	
		Child	0.5~0.6 l/min	
	Pressure control	5 levels		
Temperature control	4 levels (off-low-middle-high)			
Heater capacity	800W			
Safety device	Water level sensor, Thermal fuse, Bi-metal, Temperature sensor			
Heated seat	Temperature control	4 levels (off-low-middle-high)		
	Heater capacity	55W		
	Safety device	Thermal fuse		
Dry	Temperature control	Room temp. ~ 50°C		
	Heater capacity	250W		
	Safety device	Thermal fuse, Bi-metal		
Deodorization	Catalytic deodorization			
Feed water temp. tolerance range	3 ~ 35°C (recommended 12 ~ 35°C)			
Usage room temp. tolerance range	3 ~ 40°C (recommended 10 ~ 35°C)			
Dimension	Elongated	15.9"(406) x 20.8"(528) x 6.5"(165)		
	Round	15.9"(406) x 19.5"(496) x 6.5"(165)		
Weight	Elongated	5.1kg (7.3kg)	4.9kg (7.1kg)	4.7kg (6.9kg)
	Round	4.9kg (7.2kg)	4.7kg (7.0kg)	4.5kg (6.8kg)

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 is failed.
Water does not spray out	- Check if the water supply is turned 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.
Water tank is drained intermittently	Check if the automatic water draining feature activates.

- WARRANTY -

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

Product Name	Warranty Period
Model Name	One (1) year since the date purchased
Date Purchased	
SER.No.	
Customer's Address	Name
	Tel.No
Distributor's Address	Name
	Tel.No

Regarding Product Warranty Regulation...

- 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.
- 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

- Defects occurred from the user's careless handling
- Defects occurred from the usage with incorrect power voltage (E.g. 220V was used to the 110V product.)
- Defects occurred from the improper repair done by the person other than our service engineer.
- Defects occurred from Force Majeure (fire, salt, flood, etc.)
- Failure or damage due to the drop, etc. (user's mis-handling) during the operation after installed
- Defect occurred from the interior modification at user's discretion
- 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

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Safety Instructions

1

IMPORTANT SAFETY GUARDS

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.

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.

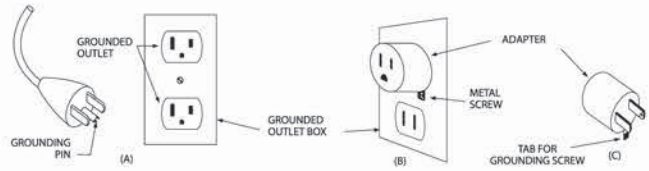


Figure 1.

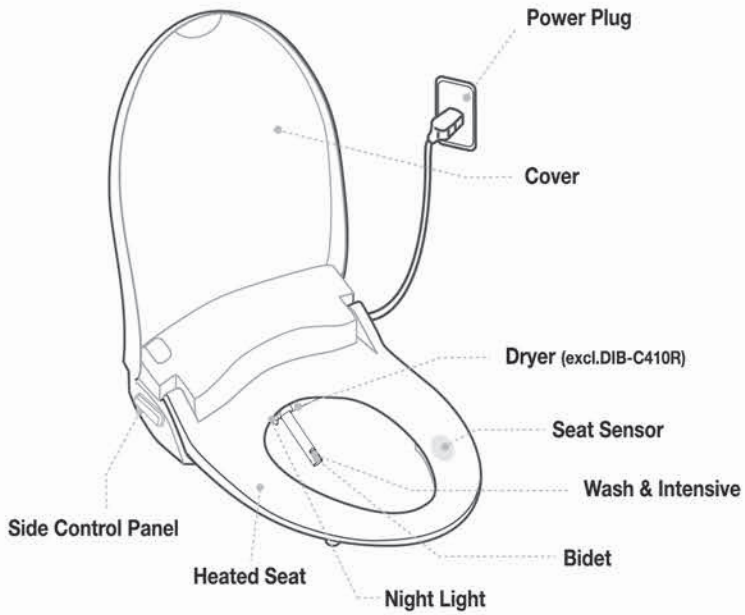
Optional Grounding Instructions



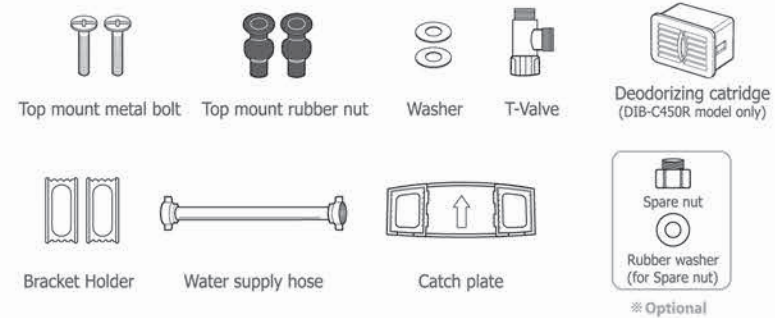
2

Parts & Configuration & Installation

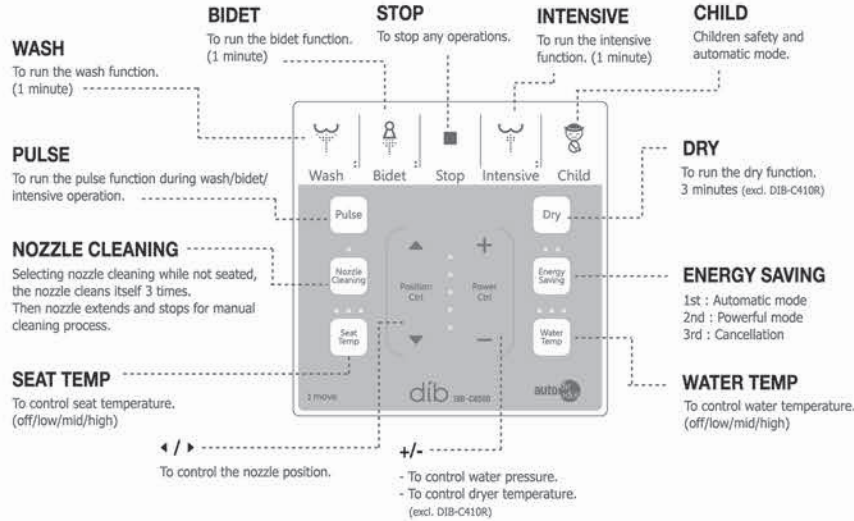
Main Body



Accessories



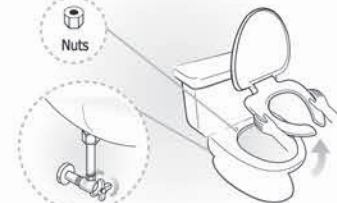
Operation panel



3

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 well in a proper place in case of using them again.
- Turn off the water.



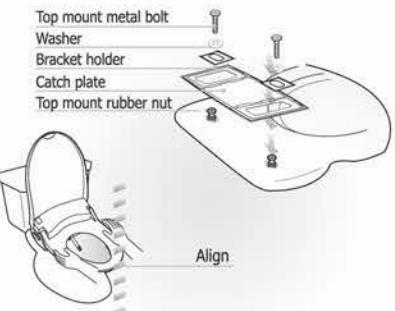
2 Remove the water hose and then install T-valve.



3

Installation & Trial operation

3 Fix the bracket onto the toilet first.



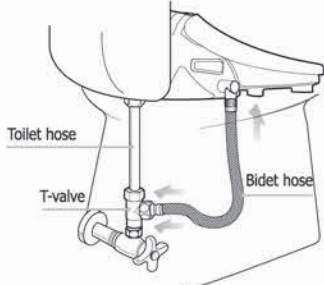
- Adjust the seat and the front part of toilet back and forth so that they can correspond with before fastening the nuts.

4 Push the main body toward the bracket completely.



- Push it in until it sounds 'click'
- When the product is not installed well, it may cause seat apart.

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

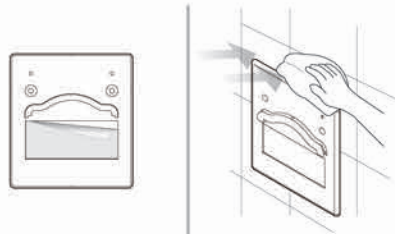


6 Be sure of no leakage around the hose connection.



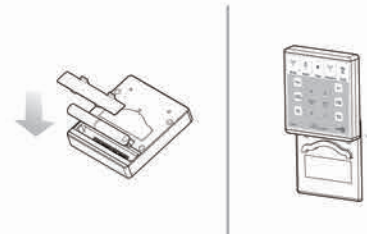
7 Remove the adhesive protection to attach the remote control bracket to the wall or other surface.

- Clean the area thoroughly before attaching the bracket.

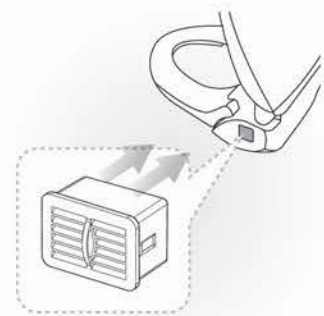


8 Insert two "AA" type batteries (included) as indicated inside battery compartment.

- Identify a location in the bathroom for the remote control that is visible and reachable from the toilet.



9 Insert the deodorizing cartridge into the bidet body. (DIB-C450R only)



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

- Don't plug the power cord with wet hands. Risk of electric shock.

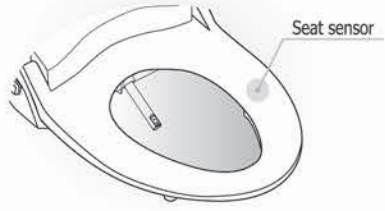


4

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. (DIB-C450R feature only)



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 (DIB-C430R/C450R feature only.)

- 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.



7 Stop

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



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.



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-C410R, Dry function will not operate.

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



5 How to Use

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 Function

- 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.

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 (DIB-C450R feature only)

- 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 while not seated.

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 preset water pressure setting 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.

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.

6 Maintenance & Cleaning

Screen Filter Cleaning

- Close the water valve.
- Disconnect the water supply hose. Take the screen filter out and clean it with a soft brush.
- Return the filter after cleaning and reconnect the water supply hose.
- 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 of Unit Body

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

Draining of Remaining Water

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

7 Settings

7-1. User setting with the remote control

● : 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	Seat sensor release	●	" + " for longer than 3 seconds.	Seat sensor feature will be deactivated.	OFF
3	Automatic start deodorizing	○	" - " for longer than 3 seconds.	Automatic deodorizing start feature will be deactivated.	ON
4	Night light	●	" + " for longer than 3 seconds.	To on/off the night light.	ON
5	Automatic tank draining	●	" + " + " for longer than 3 seconds	Automatic tank draining feature will be deactivated.	OFF

7-2. User setting with the side control (auxiliary panel)

1	Factory default setting	●	" + " for longer than 5 seconds.	Press one of Stop, Wash or Bidet to power on.	
2	Sleep mode	●	" + " for longer than 3 seconds.	The unit will be in sleep mode. Press any of " + " + " and " + " turn on.	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.

7 Remote ID setting

• ID setting is required to protect remote signal interruption if more than one bidet seats are installed at one place (public toilets)

- Press Nozzle Control "▼" for 3 seconds. The indicator of "Nozzle Cleaning" blinks and the unit is ready for ID setting.
- Set the ID by pressing Power Control "+" or "-" (1~5 IDs available)
- Press "Stop" to save the ID. The main unit will be synchronized simultaneously.

* The remote should be located near by the main unit when ID is set.
* Default ID of remote is "0"
* In case of battery replacement, power resetting of main unit or factory initialization, ID will be initialized, "0", and setting process should be done again.

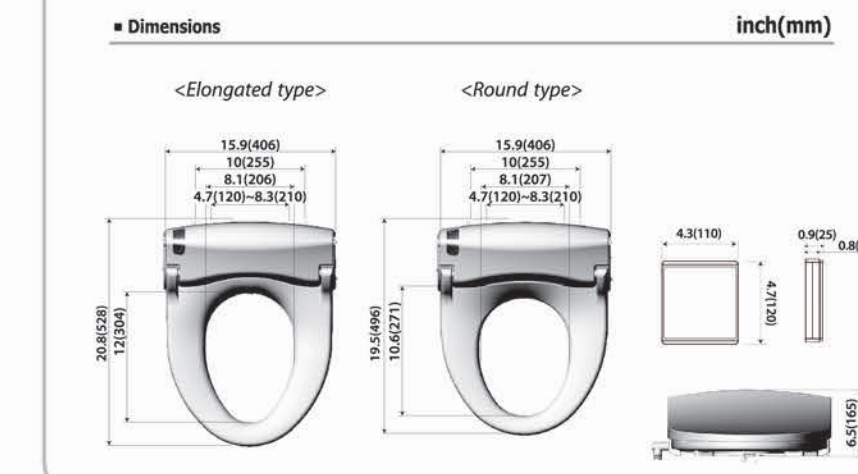
9 Comparison Chart

	Features	DIB-C450R	DIB-C430R	DIB-C410R
Wash / Dry features	Wash	●	●	●
	Bidet	●	●	●
	Intensive	●	●	●
	Child	●	●	●
	Dry	●	●	●
Convenient / Comfortable features	Normal / Powerful energy saving	●	●	●
	Oscillating / Pulsating	●	●	●
	Continuous heated water	●	●	●
	Heated seat	●	●	●
	Soft closing	●	●	●
	One touch release	●	●	●
	Automatic deodorizing	●	●	●
	Nozzle cleaning	●	●	●
	Seat sensor release	●	●	●
	Night Light	●	●	●
Safety features	Remote control	●	●	●
	Low burn protection	●	●	●

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 is failed.
Water does not spray out	- Check if the water supply is turned 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.
Water tank is drained intermittently	Check if the automatic water draining feature activates.



10

Specifications

Item	DIB-C450R	DIB-C430R	DIB-C410R	
Rated voltage	AC 120V, 60Hz			
Max. Power consumption	870W			
Power cord length	1.2m			
Water feed method	Directly connected to water pipe			
Recommended inlet water pressure	99~106.6psi			
Wash	Feed Volume	Wash	0.13~0.21gal/min	
		Bidet	0.13~0.18gal/min	
		Intensive	0.13~0.18gal/min	
		Child	0.13~0.16gal/min	
	Pressure control	5 levels		
	Temperature control	4 levels (off-low-middle-high)		
Heated seat	Heater capacity	800W		
	Safety device	Water level sensor, Thermal fuse, Bi-metal, Temperature sensor		
	Temperature control	4 levels (off-low-middle-high)		
	Heater capacity	55W		
Dry	Safety device	Thermal fuse		
	Temperature control	Room temp. ~ 122°F	-	
	Heater capacity	250W	-	
Safety device	Thermal fuse, Bi-metal	-		
Deodorization	Catalytic deodorization	-		
Feed water temp. tolerance range	37 ~ 95°F (recommended 54 ~ 95°F)			
Usage room temp. tolerance range	37 ~ 104°F (recommended 50 ~ 95°F)			
Dimension	Elongated	15.9"(406) x 20.8"(528) x 5.7"(145)		
	Round	15.9"(406) x 19.5"(496) x 5.7"(145)		
Weight Net weight (Gross weight)	Elongated	5.1kg (7.3kg)	4.9kg (7.1kg)	4.7kg (6.9kg)
	Round	4.9kg (7.2kg)	4.7kg (7.0kg)	4.5kg (6.8kg)

- WARRANTY -

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

Product Name	Warranty Period
Model Name	One (1) year since the date purchased
Date Purchased	
SER.No.	
Customer's Address	Name
	Tel.No
Distributor's Address	Name
	Tel.No

Regarding Product Warranty Regulation...

- 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.
- 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

- Defects occurred from the user's careless handling
- Defects occurred from the usage with incorrect power voltage (E.g. 220V was used to the 110V product.)
- Defects occurred from the improper repair done by the person other than our service engineer.
- Defects occurred from Force Majeure (fire, salt, flood, etc.)
- Failure or damage due to the drop, etc. (user's mis-handling) during the operation after installed
- Defect occurred from the interior modification at user's discretion
- 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

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