INVERTER

Panasonic

Operating Instructions
Refrigerator

For Household Use

Model No.: NR-BW530H, NR-BW530J



NR-BW530H



NR-BW530J

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■ **NON-CFC**
This unit uses totally NON-CFC MATERIALS both for refrigerant (R600a) and for insulation (Cyclo-Pentane). So, this refrigerator does not damage the Earth's ozone layer.

Thank you for purchasing the Panasonic product.

- Please read these instructions carefully and follow safety precautions on page 2-7 before using this product.
- Please make sure the date and name of store of purchase are stamped in warranty card and keep it with this operating instructions.

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Safety Precautions

Please be sure to follow these instructions.

WARNING

This sign means: It may lead to a serious injury or death.

CAUTION

This sign means: It may result in injury or property damage.

These signs mean prohibited action.

This sign means required action.

This sign means the appliance must be earthed to prevent electric shock.



iso-butane

Risk of fire / flammable materials.

Otherwise, it may cause a fire, injury, electrical shock.

WARNING

In case of emergency:



- Maintenance work only be carried out at workshop by well-trained maintenance worker.

- **Do not** store explosive substances, such as aerosol cans with a flammable propellant, etc. in the refrigerator.
- **Do not** use electrical appliances such as a deodorizer in the refrigerator. Leaked refrigerant may catch fire from a spark of the electrical contacts and may cause an explosion.
- **Do not** use electrical appliances inside the food storage compartments of the appliance, unless they are of the type recommended by the manufacturer.

- **Do not** disassemble, repair or modify the refrigerator by yourself. If you want to repair the refrigerator, please consult your dealer or authorized service center.
- **Do not** use mechanical device or other means to accelerate the defrosting process, other than those recommended by the manufacturer.

When recycling the product:

- Before taking the refrigerator to be recycled, please remove all the door opening seal to prevent locking a child in it.
- The warning labels mentioned above should be kept throughout the life of the refrigerator.
- The operating instructions should be handed over to any person who would use or handle the refrigerator whenever the refrigerator would be transferred to another location and delivered to a recycling plant.
- Regarding to local laws, Cyclo-Pentane is used for insulation of this refrigerator. When you throw away this unit, please discard it by proper method and do not dispose it by burning.

Otherwise, it may cause a fire, injury, electrical shock.

⚠ WARNING

For power plug and cord:

- **Do not** plug or unplug with wet hands.
- **Do not** let the cord or plug be damaged.

- Disconnect power plug when cleaning.
- Plug into a wall outlet of the rated voltage on its own with the rated current and insert plug fully.
- Reserve one socket for the refrigerator only. Avoid connecting many appliances to the same socket and unroll through the length of cord.
- Remove dust periodically from the power plug.
- 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.
- If you detect burning smell, disconnect the power plug and ventilate the kitchen.
- **Stop** using the refrigerator and unplug the unit immediately if there is an abnormality or failure. Abnormality and failure examples:
  - Power cord or plug is abnormally hot.
  - Power cord is deeply cut or deformed.
  - There is burning smell.
  - You can feel tingling electricity.

When using:

- **Do not** damage the cooling circuit (piping on the back).
- **Do not** touch the compressor and pipes, because of high temperature, that there is a risk of burn injury.
- **Do not** let any children hang onto the refrigerator's door, it may overturn to the kid.
- **Do not** place any water container on the top of the refrigerator in case the spilling water causes electrical shock or combustion.
- **Do not** locate multiple portable socket-outlets or portable supplies at the rear of the appliance.
- Keep ventilation openings, in the appliance enclosure or in the built-in structure, clear of obstruction.

- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the refrigerator.

When installing:

- Fix the refrigerator to avoid danger due to unbalance.
- When positioning the appliance, ensure the supply cord is not trapped or damaged.

- Ensure that the refrigerator is plugged into an earthed mains socket.

Otherwise, it may cause a fire, injury, electrical shock.

⚠ WARNING

R600a refrigerant warning:

This appliance contains flammable R600a refrigerant. Avoid safety hazards by carefully installing, handling, servicing and disposing of this appliance.

- Keep ventilation openings, in the appliance enclosure or in the built-in structure, clear of obstruction.
- Ensure that the tubing of the refrigerant circuit is not damaged during transportation and installation.
- Leaking refrigerant may cause eye injuries or ignite.
- The room for installing appliance must be at least 1 cubic metre per 8 gram of refrigerant.The amount of refrigerant in the appliance can be found on the rating plate inside the appliance.
- If you are unsure of the refrigerant check the rating plate inside the refrigerator compartment.
- It is hazardous for anyone other than an Authorised Service Person to service this appliance. In Queensland Australia the Authorisation Service Person MUST hold a Gas Work Authorisation for hydrocarbon refrigerants to carry out servicing or repairs which involve the removal of covers.
- Keep ventilation openings in the appliance enclosure or in the built - in structure, clear of obstruction.
- Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.

Water Connection System Warning (For Auto Ice and Water Dispenser models only)

- Before installing the Water Connection System, read the steps for installing (Page 10 - Page 17) and follow the instructions carefully to minimize the risk of water damage.
- Installation and use MUST comply with all state and local plumbing codes. Check with your local public works department for plumbing codes. You must follow their guidelines as you install the Water Connection System.
- Only connect your Water Connection System to safe drinking water to avoid illness or poisoning.
- **Do not** reuse any existing water connections. When installing the product, please use new tubing supplied with the refrigerator.
- **Do not** install if water pressure is above 827 kPa (120 psi) or below 172 kPa (25 psi).
- The Water Filter Cartridge should be changed when the LED of Filter Change in Operation Panel light on in orange LED. The replacement of Water Filter Cartridge is recommended every 6 months.
- Installation of the Water Connection system should be carried out by a licensed plumber or a Panasonic Authorised Repairer.

Otherwise, it may cause a fire, injury, electrical shock.

⚠ WARNING

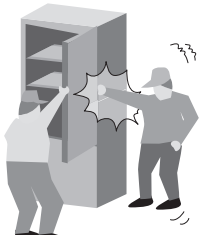
- Water Filter replacement is the consumer's responsibility and will not be covered by the warranty except in the case of faulty parts or materials with the Water Filter Cartridge.
- Replacement parts can be purchased at all Authorized Service Center. (This service is available to selected markets only).
- In cases of excessively reduced filter life, we recommend that you consult a local plumber or your water supplier for advice on suitable filtration requirements for the water supplied to your home.
- If Auto Ice maker and Water Dispenser are not used for a long period of time, or the water or ice has an unpleasant taste or odour, please dispose of remaining water and ice and clean the Auto Ice making system.
  Detail of Auto Ice Clean, please see in Page 32.
  If the problem persists, please replace the Water Filter Cartridge.
- Avoid contact with the moving parts of the Auto Ice maker mechanism, and do not place your fingers on the Auto Ice maker mechanism while the refrigerator is in operation.
- When using any electrical device (such as a power drill) during installation, be sure the device is insulated or wired in a manner to prevent electric shock.
- **Do not** use on hot water supply. The Water Connection System is designed with maximum inlet temperature by 43°C.
- **Do not** install system in areas where the ambient temparature may go above 43°C or drop below 5°C.
- **Do not** install the Water Filter in a location that is susceptible to freezing temperatures.
  Freezing the Water Filter may lead to reduced filter performance, causing property damage from water leakage or flooding.
- **Do not** install the filter or any water tubing in direct sunlight as prolonged exposure to light can weaken plastic components.
- **Do not** allow children under 3 years old to have access to small parts during the installation of Water Connection System to prevent the risk of choking.

Otherwise it may cause injury, accidents.

⚠ CAUTION

When opening/closing the doors:

- While opening the refrigerator, be careful not to pinch other one's hand holding the door.
- Mind the gap between the doors. They may nip your hand while closing the door.



When storing food:

- **Do not** freeze glass bottles, that there is a risk of injury. (If the liquid in a glass bottle is frozen, then the bottle may break and you may be injured.)
- **Do not** add a high impact on glass trays. (Otherwise those glass trays may break and you may be injured.)



When moving the refrigerator:

- Hold the refrigerator tightly when transporting.
- Apply protective covering, etc. to floors with a fragile surface.

Usage Precautions

When opening/closing the doors:

- **Do not** refrigerate items which are bigger than tray or shelf, as the door will not close completely causing leakage of cool air.
- **Do not** open refrigerator frequently or leave it open for long time in order to prevent water dripping inside and waste energy.
- Frequently check the door opening seal, it must be closed to the refrigerator's body completely.

When cleaning:

- **Do not** clean the refrigerator with chemical substance or liquid. It will cause damage and have corrosion on the surface.



Usage Precautions

When using:



- When the plug is disconnected, leave it for 7 minutes before plugging again. If not, the compressor may not work.
- Adjust the temperature according to the actual operating condition for energy saving.
- The humidity inside the fresh case may condense so wipe it with a cloth periodically. Clean the fresh case once a month.
- If you will not be at home for several days and there are nothing refrigerated in the refrigerator, the plug should be disconnected for energy saving. When the refrigerator is not used for several days, it is necessary to take out all remaining food inside the refrigerator, clean and open the doors for a few hours to let the moisture inside the refrigerator dry out, avoiding mold and oxidation of components.
- The outside wall of refrigerator cabinet may sometimes get warm, especially just after installation. This is quite normal, and is due to the built-in Mullion Dryer Pipe which prevents sweating and radiates heat.
- When humidity is high, e.g. during rainy-season, condensation may appear on the surface of cabinet, especially around the door seal gasket. Wipe off the condensed water with a clean cloth.
- **Do not** keep the door open any longer than necessary, particularly in hot, humid weather.
- The top of the refrigerator is made of steel in order to prevent fire caused by external influences. **Do not** put things on top of the refrigerator to ensure this factor.

When storing food:



- **Do not** overload the refrigerator. Gap must be provided between foodstuffs to maintain the cooling effect.
- Store fruits and vegetables in vegetable case, where trapped moisture helps preserve food quality for longer time periods.
- Drinking water, beverage bottles should be sealed to prevent odor contamination.
- Food stuff such as vegetables, fruits and fresh food should be wrapped or packed in box before freezing and refrigerating.
- Put the food such as meat or fish in the freezer if you want to store for an extended period.
- Cover juicy food with tight lids, plastic film or foil.

Installation

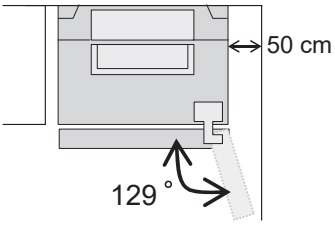
The distance requested for installation



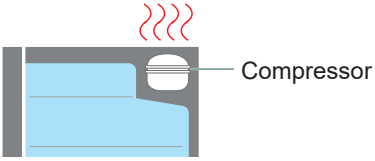
- The top of the refrigerator is at least 5 cm from the ceiling.
- The left and right sides of the refrigerator are at least 5 cm from the walls.
- The back of the refrigerator is at least 5 cm from the wall.

Caution

- In case the refrigerator is placed next to walls, it is necessary to ensure that the space between the right side of the refrigerator and the wall is at least 50 cm. If this space is less than 50 cm, the doors may not be fully opened and the glass trays, vegetable case, etc. could not be taken out.



- Do not place any objects on top of the refrigerator. It may become hot due to heat generated by the compressor at the top of the refrigerator. If it is difficult to release heat, the cooling capacity may be lowered.



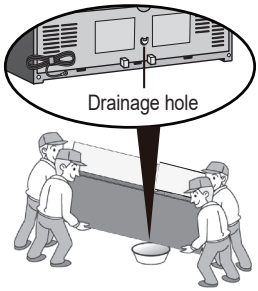
- When using for the first time: clean the inside of the refrigerator.
  - Use a soft damp cloth to clean the refrigerator.
  - Rinse the Ice trays.
  - The smell of plastic could be smelled in the first time using the refrigerator. If you are worry about it, please ventilate the room.
- **Do not** locate the refrigerator in a humid place as rust may form and may cause electric leakage.
- **Do not** locate the refrigerator exposing to direct sunlight as the heat and sunlight will increase the temperature affecting the cooling capacity.
- **Do not** locate the refrigerator near heat source such as cooking stove or oven.
- **Do not** block the openings around the refrigerator.
- The refrigerator must be located in the place where there is good air circulation.
- In case of placing the refrigerator on an uneven surface, adjust the adjustable leg to make the refrigerator stands stably.

LED lamp and grounding

- The refrigerator LED lamp, specially designed for this refrigerator, do not replace it by yourself. If you need replacement, please contact Panasonic Service Center.
- If the refrigerator plug has no ground wire, it should be connected with a grounding connection to prevent electrical hazard from electric leakage.

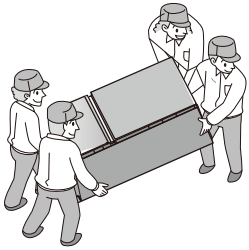
Moving or shifting

① Remove ice in the Ice trays and Ice box.
② Unplug the refrigerator.
③ Adjust the adjuster bolts (left and right) so that they do not touch the floor.
④ Place a container underneath the drainage hole, then slowly tilt the refrigerator backward to drain water from the drainage hole.
This action requires 4 or more people, of which 2 people lift the front of the refrigerator to prevent the refrigerator from sliding and avoid the risk of accidents.



※ **How to move and transport**

- At least 4 people are required to transport the refrigerator.
- Each person lifts a corner of the refrigerator.
- Do not transport by holding the refrigerator doors.

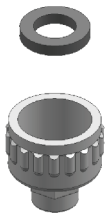


Caution

- When transporting, use straps to secure the refrigerator doors and avoid letting the doors open by itself.
- Do not place the refrigerator on its side when transporting, as this may cause damage to the refrigerator.
- After installation, wait at least 4 hours before plugging in the power to ensure that the gas and oil in the compressor are in a stable state.

Installation of Water Connection System (For Auto Ice and Water Dispenser models only)

※ **List of Water Connection System accessories**



①



②



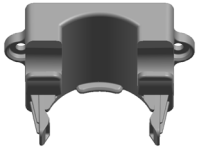
③



④



⑤



⑥



⑦

① 1 x Joint Water Supply Block (1/2″)
② 1 x Dual Check Valve Assembly Block
③ 1 x Water Filter Cartridge & Filter Head
④ 1 x Joint Tube
⑤ 4 x Joint Clips (1/4″)
⑥ 1 x Sub Filter Bracket
⑦ 2 x Truss M4x25 (for fixing Sub Filter Bracket)

- Dual Check Valve must be installed to prevent backflow.
- The new tubing supplied with the refrigerator is to be used, old tubing from old water and ice connections should not be used.
- Ensure the Tube Inlet is correctly connected to the Dual Check Valve.
- A licensed plumber installs a new water supply outlet nearer to the appliance should the tubing supplied not be long enough.

  It is not recommended that the tubing be extended as this could adversely affect the flow of water to the ice maker or Water Dispenser.
- An isolator ball valve be installed by a licenced plumber for water pressure adjustment and water supply shut off to the refrigerator.
- A noise reduction valve also be fitted in the water supply line. This will reduce water hammer and its effects from quick action household taps and fast acting valves on appliances.
- Panasonic does not accept for damage, including water damage caused by faulty installation or plumbing.

Caution

- **Do not** cut any length of tube shorter than 200 mm (7.87″).
- **Do not** fix Water Filter to the refrigerator.
- **Do not** install Water Connection System near electrical wires or water pipes that will be in the path of drilling when selecting the location of the filter system
- **Do not** fix the Water Filter in such a position that it will be struck by other items, such as wastebaskets, etc.
- **Do not** install the Water Filter or any water tubing in high temperature areas eg in a ceiling cavity.
- **Do not** install in a location that is susceptible to freezing temperatures as damage to the housing could occur.
- AVOID contamination of pipes during installation.
- **Do not** use copper tubing. The plastic tubing supplied should always be used.

※ **Water Connection System installation instructions**

Step 1: Ensure the refrigerator is NOT plugged into a power supply.

Step 2: Locate a cold water supply that is suitable for water connection.

Step 3: Connect 200 mm (7.87″) Tube Filter Inlet (blue tube ¼″) of ② Dual Check Valve Assembly Block with ③ Water Filter Cartridge & Filter Head as instructed in Figure 1.

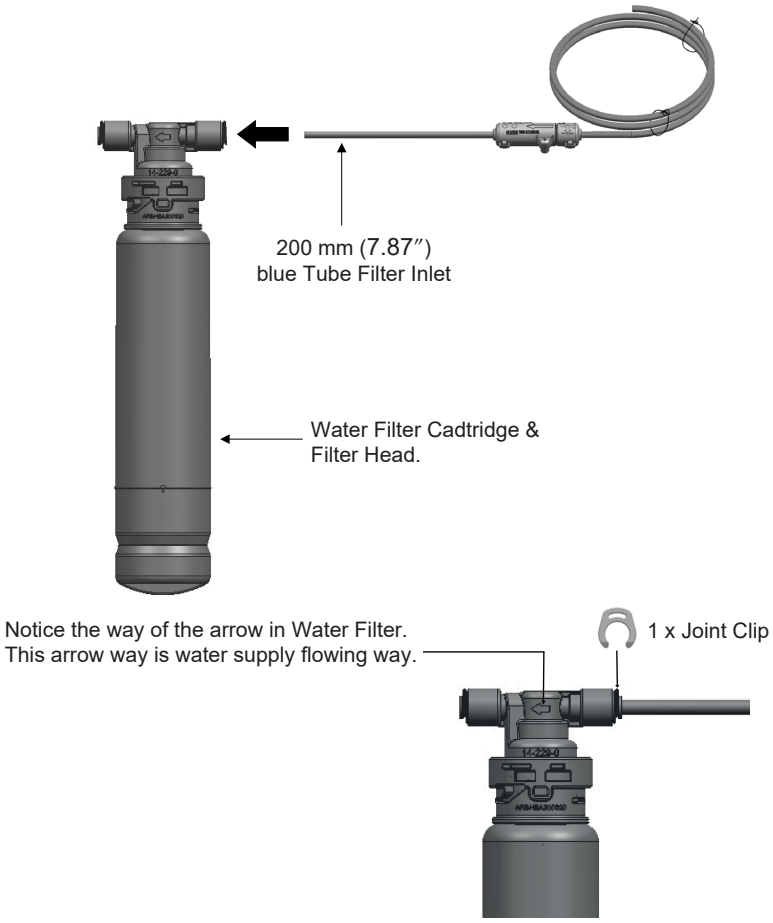


Figure 1: Connect 200 mm (7.87″) Tube Filter Inlet of Dual Check Valve Assembly Block with Water Filter Cartridge & Filter Head

Step 4: Decide the position to fix the Water Filter.

Determine the length of tubing that can be connected from the fixing position of Water Filter to the location of water supply, it's called “Tube A” (Refer to Figure 2).

Cutting tube surface should be flat and perpendicular with the length of tubing to prevent water leaks.

※ **Before cutting**



※ **After cutting**

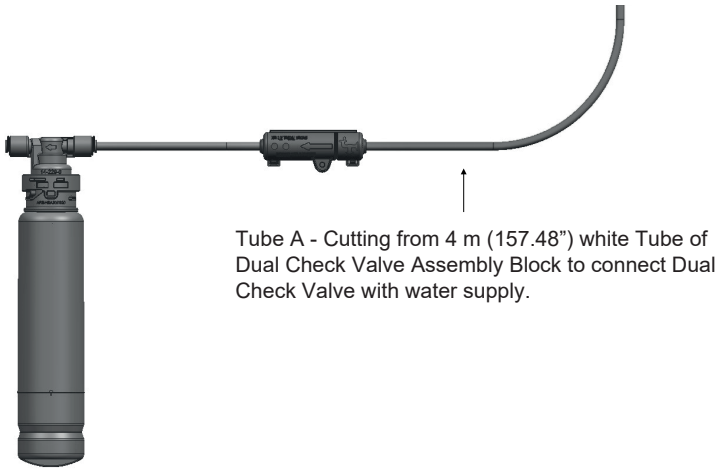
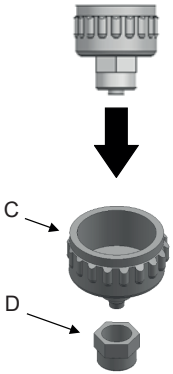
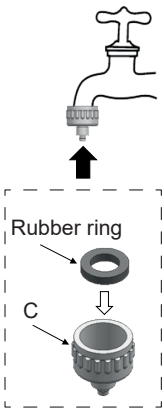


Figure 2: Decide position of Water Filter and cutting “Tube A” to connect Dual Check Valve with water supply.

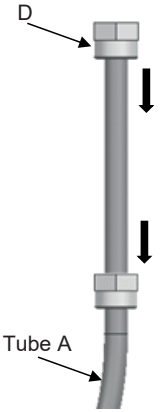
Step 5: Connect Joint Water Supply to water supply tab as instructed in Figure 3.



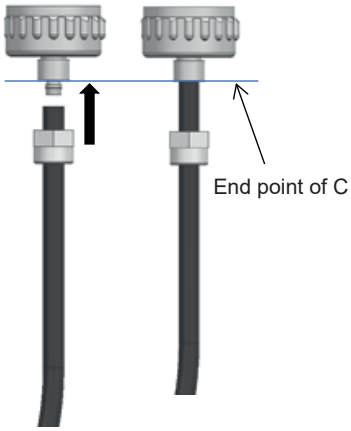
Disassemble C & D
of Joint Water Supply Block



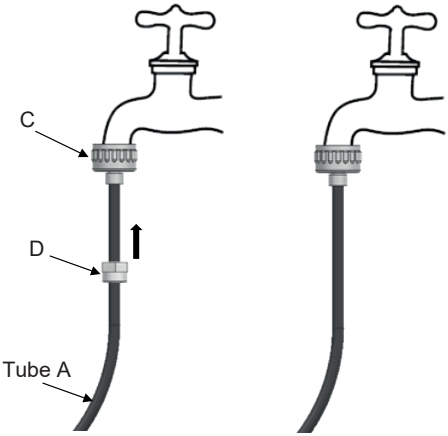
Connect C with Rubber ring
into water supply tab



Insert D into Tube A in Step 4
as shown in above image



Insert Tube A into C until Tube A
reach to end point of C.



Move up D and screw it to firmly fix Tube A
and C.

Figure 3: Connect Joint Water Supply to water supply tab

Step 6: IMPORTANT!

To flush the Water Filter of any trapped air, aim the Water Filter into a bucket, turn water supply tap on and run the water through Water Filter at least 12 liters of water. Once complete, turn water supply tap off. This step is highly recommended to avoid water dripping.

Step 7: Determine the length of tubing that can be connected from the refigerator to Water Filter, and cut or using the remaining after cutting Tube A of the 4 m (157.48″) Tube Valve Inlet (tube ¼″).

It's called “Tube B”.

Length of Tube B will be decided according to the location of refrigerator and Water Filter.

Cutting tube surface should be flat and perpendicular with the length of tubing to prevent water leaks.

Step 8: Connect refrigerator and Water Filter by “Tube B” and Joint Tube ④.

Plug the tube into the full depth of the Filter and Joint Tube (15 ~ 18 mm) (0.59 ~ 0.71″) to prevent water leaks.

Firmly fix the tube using Joint Clips (¼″).

After Step 8, please check again your tubing layout as Figure 4.

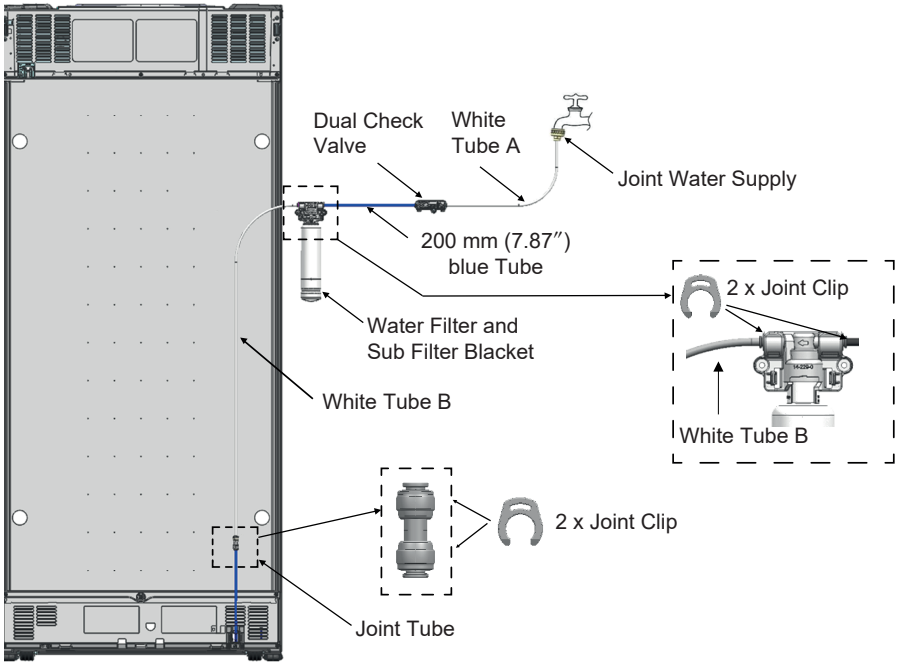


Figure 4: Designed Tubing layout

Step 9: Determine the mounting position for the Water Filter and fix the Sub Filter Bracket ⑥ with 2 pcs of Truss M4x25 ⑦ to a fixed surface.

The direction to fix Sub Filter Bracket is referred to in Figure 5.

Ensure the Water Filter is in a convenient location to access easily every 6 months for replacement.

Ensure the clearance from the bottom of Water Filter is at least 50 mm to perform filter removal (Figure 6).

Insert Water Filter to Sub Filter Bracket by inserting the Filter Head of Water Filter to hooks of Bracket until get the “Click” sound when Water Filter and Sub Filter Bracket are locked into place.

Move Water Filter down about 90° until get the “Click” sound when Water Filter is firmly locked into.

We recommend fitting the Water Filter in a vertical orientation with the Filter Head at the top as in Figure 6.

This will ensure the performance of Water Filter and minimise water leakage during replacement of the filter.

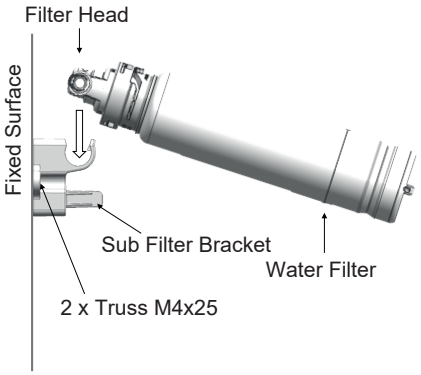


Figure 5: Sub Filter Bracket and Water Filter fixing direction.

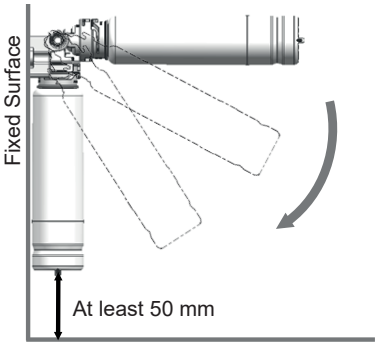


Figure 6: Water Filter usage setting.

※ **After Water Connection System installation**

- Check all connections carefully to prevent leaks.
- Switch on your refrigerator after finishing Water Connection installation.
- Allow at least 4 hours in continuous running for the refrigerator to cool down, in the condition of no loads inside and the doors are not opened.
- For the first time using Auto Ice making, please check the operation of Auto Ice Off mode (Page 32).

  If Auto Ice Off mode is in operation, turn off this mode.

  Activate Auto Ice Clean mode as the instruction in Page 32 to ensure cleaning dust and eliminate unpleasant smell.
- **IMPORTANT!**

  The first time you use your Water Dispenser, there will be a 1 - 2 minute delay while the tank fills. Please dispense continuously in about 30 seconds each time.

  Run through and discard the first approximately 3 liters of water, stopping intermittently to remove trapped air in the system.

  Failure to do this will result in excessive dripping from your dispenser.
- **Step 6** is highly recommended to remove trapped air. If this step is skipped, please follow these below steps in the first time using Water Dispenser to avoid water dripping:

  ① Press the Water Dispenser to dispense 4 liters of water.

  ② Wait for 3 ~ 5 minutes before dispensing again.

  ③ Dispense 4 liters of water then wait another 3 ~ 5 minutes.

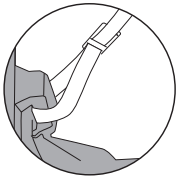
  ④ Dispense another 4 liters of water. Your Water Dispenser is ready to use.
- Please note that after a few days once installation is completed, a few drops may appear from the dispenser as the remaining trapped air is cleared.
- Water Dispenser is set for water to flow out in about 1 second delay to prevent water from flowing out when accidentally touching the lever of Water Dispenser.

Attention

- The noise of water supply system is generated during water taking process. This is normal.
- For the first time of using, the Water Dispenser will generate noise in the door of refrigerator. This is caused by the air being pushed through the check valve.
- Do not peel off the tape that fixed the Water Tube behind the refrigerator, peeling off may cause a loud noise when taking water.

Prevent tipping

In order to prevent the refrigerator from tipping due to earthquakes, permanently fix it by using belts, etc.



Refrigerator doors should not be opened during the interior cooling process.

The doors should not be opened until the interior has been cooled down sufficiently. (Warm air flowing into the interior will block the cooling function.)

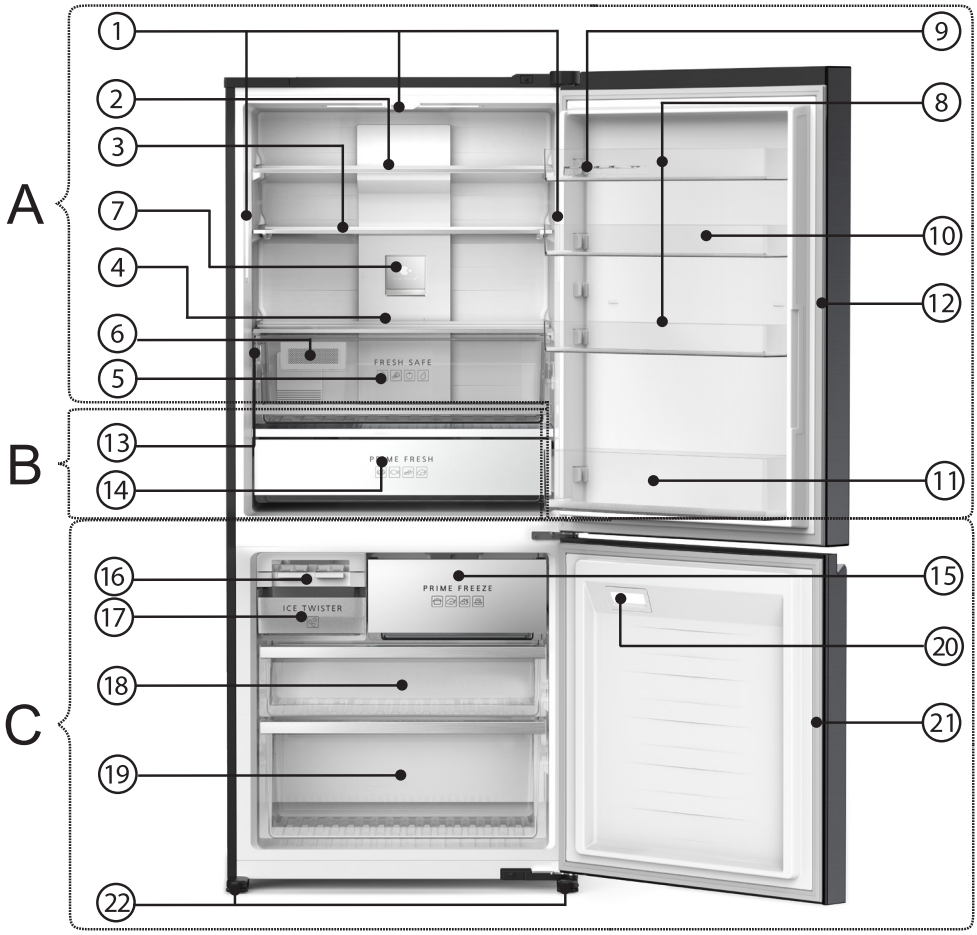
Please wait until the interior has cooled down.

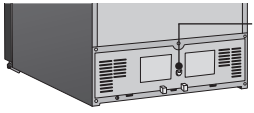
- The refrigerator may take at least 4 hours of continuous running to cool down the interior, in the condition of no load inside and the doors are not opened.
- Depending on ambient temperature and usage condition, it may take 24 hours to cool down the interior and achieve equilibrium.



Parts Identification

※ **For BW530H models**





Product view from behind

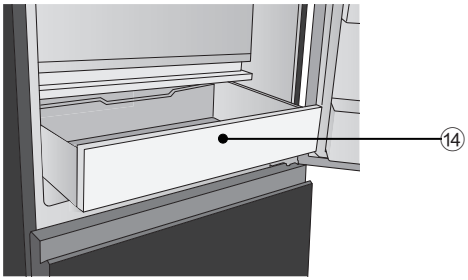
Parts Identification

※ **For BW530H models**

A-Fridge compartment

① LED of Fridge compartment (Quantity: 3 pcs)
② Glass tray of Fridge compartment
③ Slide glass tray
④ Glass tray vegetable case
⑤ Vegetable case
⑥ Moisture control filter for vegetable case
⑦ nanoe™ X icon
⑧ Large door shelf (Quantity: 2 pcs)
⑨ Egg tray
⑩ Small door shelf
⑪ Bottle shelf
⑫ Door gasket of Fridge compartment
⑬ Control panel (Page 23)

B-Prime Fresh case



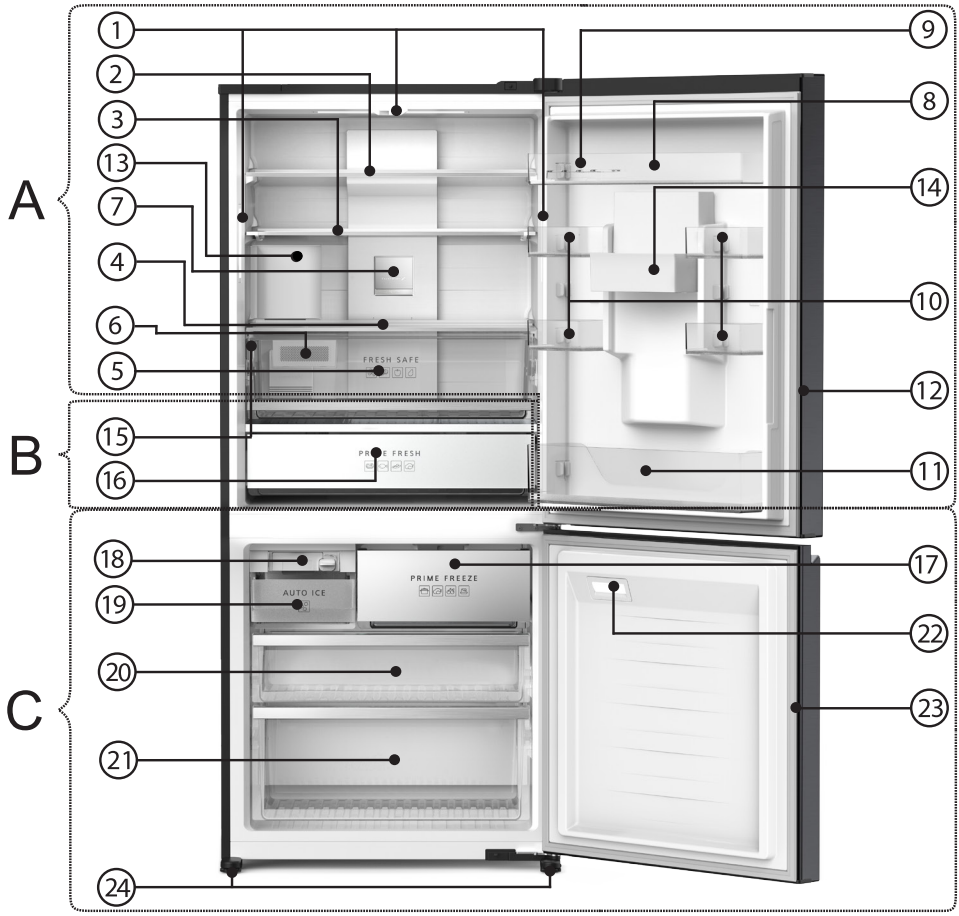
⑭ Prime Fresh case

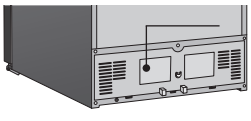
C-Freezer compartment

⑮ Prime Freeze case
⑯ Ice maker
⑰ Ice box
⑱ Upper freezer case
⑲ Lower freezer case
⑳ LED of Freezer compartment
㉑ Door gasket of Freezer compartment
㉒ Adjuster bolts

Parts Identification

※ **For BW530J models**





Drainage system [Inside the drain tray]

Product view from behind

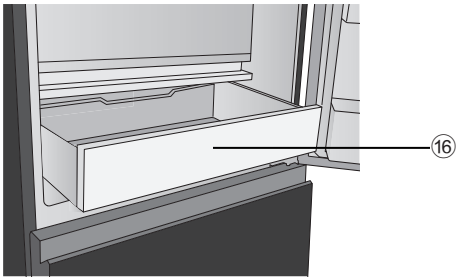
Parts Identification

※ **For BW530J models**

A-Fridge compartment

① LED of Fridge compartment (Quantity: 3 pcs)
② Glass tray of Fridge compartment
③ Slide glass tray
④ Glass tray vegetable case
⑤ Vegetable case
⑥ Moisture control filter for vegetable case
⑦ nanoe™ X icon
⑧ Large door shelf
⑨ Egg tray
⑩ Small door shelf (Quantity: 4 pcs)
⑪ Bottle shelf
⑫ Door gasket of Fridge compartment
⑬ Cover Auto Ice water supply
⑭ Utility case
⑮ Control panel (Page 24)

B-Prime Fresh case



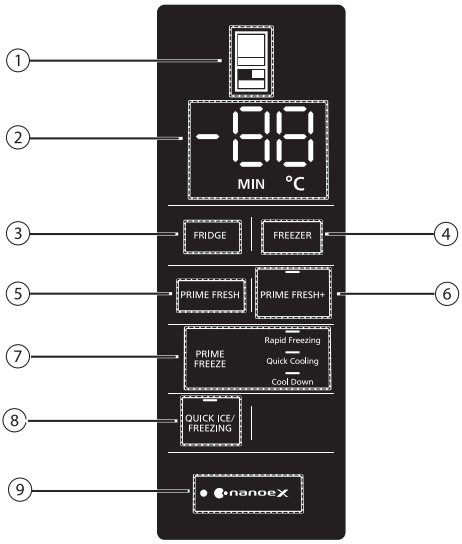
⑯ Prime Fresh case

C-Freezer compartment

⑰ Prime Freeze case
⑱ Auto Ice maker
⑲ Ice box
⑳ Upper freezer case
㉑ Lower freezer case
㉒ LED of Freezer compartment
㉓ Door gasket of Freezer compartment
㉔ Adjuster bolts

Operation Panel

※ **For BW530H models**



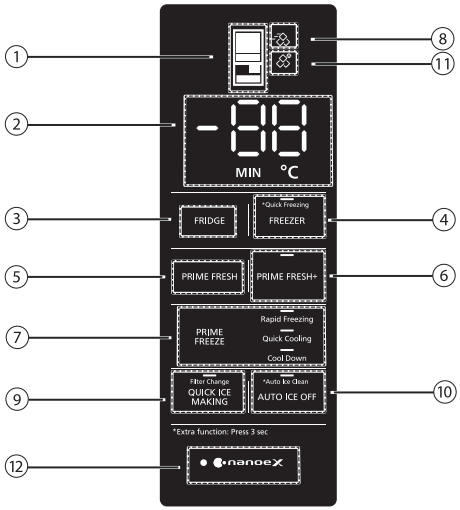
① LED of compartments: the icon of the respective compartment will light up when the compartment is selected.
② Temperature and time display area: display the temperature of Fridge compartment, Freezer compartment, Prime Fresh case and the time for modes of the Prime Freeze.
③ Temperature control button of Fridge compartment.
④ Temperature control button of Freezer compartment.
⑤ Temperature control button of Prime Fresh case.
⑥ Control button and LED of Prime Fresh+.
⑦ Control button and LED for modes of Prime Freeze.
⑧ Control button and LED of Quick Ice/ Freezing.
⑨ Icon and LED of nanoe™ X: display the current status of nanoe™ X mode.

Remark

- Under normal conditions, the Operation Panel light will turn off. When you press the buttons, the Operation Panel light will turn on. The Operation Panel light will turn off and all the buttons will not be operated when the refrigerator door is opened.
- In summer, when the temperature is high, if you put uncooled food in the refrigerator or open/close the refrigerator doors repeatedly, the temperature inside will increase and the displayed value will be higher than the setting temperature.
- When first plugged in, the Operation Panel will display the introduction of modes and the temperature of compartments for about 10 seconds. Buttons will not be active during this period of time. After 10 seconds, the Operation Panel can be adjusted normally.

Operation Panel

※ **For BW530J models**



① LED of compartments: the icon of the respective compartment will light up when the compartment is selected.
② Temperature and time display area: displays the temperature of Fridge compartment, Freezer compartment, Prime Fresh case and the time for modes of the Prime Freeze.
③ Temperature control button of Fridge compartment.
④ Control button of Freeze compartment, control button and LED of Quick Freezing mode.
⑤ Temperature control button of Prime Fresh mode.
⑥ Temperature control button and LED of Prime Fresh+ mode.
⑦ Temperature control button and LED of Prime Freeze mode.
⑧ LED of Quick Ice Making mode.
⑨ Control button of Quick Ice Making mode and LED of Filter Change.
⑩ Control button of Auto Ice Off mode, control button and LED of Auto Ice Clean mode.
⑪ LED of Auto Ice Off mode.
⑫ Icon nanoe™ X and display LED.

Remark

- On the Operation Panel: "*Extra function: Press 3 sec", means that you need to press and hold the button beginning with "*" mark for 3 seconds when you want to start the extra functions.
- Under normal conditions, the Operation Panel light will turn off. When you press the buttons, the Operation Panel light will turn on. The Operation Panel light will turn off and all the buttons will not be operated when the refrigerator door is opened.
- In summer, when the temperature is high, if you put uncooled food in the refrigerator or open/close the refrigerator doors repeatedly, the temperature inside will increase and the displayed value will be higher than the setting temperature.
- When first plugged in, the Operation Panel will display the introduction of modes and the temperature of compartments for about 10 seconds. Buttons will not be active during this period of time. After 10 seconds, the Operation Panel can be adjusted normally.
- The LED of Filter Change will turn on in orange LED every 6 months for notifying the recommended time to change the Water Filter Cartridge.

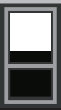
Temperature Control

- Default setting temperature for Fridge compartment is 4 °C, Prime Fresh case is -3 °C and Freezer compartment is -20 °C. The temperature setting for each compartment can be adjusted.
- The temperature setting range of the Fridge compartment is 7 °C ~ 1 °C, of the Prime Fresh case is 4 °C ~ -5 °C (the temperature for soft freezing is -1 °C ~ -5 °C, and the temperature to use the Prime Fresh case as the Fridge compartment is 4 °C ~ 0 °C), of the Freezer compartment is -15 °C ~ -23 °C.
- The temperature inside the refrigerator will vary depending on the ambient temperature, installation status, usage conditions and amount of food.
- Due to different testing methods and tools, the actual temperature may differ from the displayed temperature.
- This refrigerator is equipped with a processor to control the temperature inside the refrigerator. When the ambient temperature changes, the compressor runs or stops, the doors are opened or closed, the temperature inside the refrigerator and the temperature setting will have a slight difference.

■ **Temperature setting instructions**

1. Display the current temperature

Press the following icons to display the current temperature of these compartments: Fridge compartment, Prime Fresh case, and Freezer compartment. The LED indicates position and the LED indicates temperature of the compartment will light on when selected.

Icon	Compartment	LED indicates position of the compartment	LED indicates temperature of the compartment
FRIDGE	Fridge compartment		
PRIME FRESH	Prime Fresh case		
FREEZER	Freezer compartment		

2. Temperature setting

After pressing the icon of compartment (Fridge, Prime Fresh, Freezer) to display the current temperature, press again to start the temperature setting process. Then, LED indicates position of the compartment and LED indicates temperature of the compartment will flash. Continue to press the icon of that compartment to select the desired temperature level. Each time the button is pressed, the temperature will increase by 1 °C.

3. Complete temperature setting

After completing the temperature setting, press another button to finish and save the setting that you have just made. Or if no other button is pressed within 10 seconds, the Operation Panel will save the setting and return to stand by mode.

ECONAVI Operation

The refrigerator detects the opening and closing of the refrigerator door and the brightness around the refrigerator to control operations automatically to ensure maximum energy saving.*1

■ **ECONAVI operation**

- The refrigerator learns the lifestyle patterns of your family from door opening and time periods of infrequent use to maximize energy efficiency.
- The refrigerator learns your lifestyle patterns from the previous 3 weeks of use and uses that data from the 4th week onwards.

■ **Settings for enabling ECONAVI operation**

- ECONAVI operation is enabled automatically when the temperature control for both the Fridge compartment and the Freezer compartment is set to 4 °C and -20 °C, respectively.
- ECONAVI operation does not operate if the “Prime Fresh+”, “Prime Freeze”, “Quick Ice/ Freezing” of BW530H or “Quick Freezing” and “Quick Ice Making” for BW530J is in operation.
- It is not possible to force start the ECONAVI mode.

Remark

***1** The effectiveness of the ECONAVI mode is dependant on the ambient temperature, ambient brightness and the number of times the refrigerator door is opened and closed and the state in which food is stored.

nanoe™ X

- A nanoe™ is a nano-sized ion particle coated with water particles. nanoe™ X are nano-sized electrostatic atomized water particles with 10 times the OH radicals of nanoe™.
- nanoe™ X will start when the refrigerator is plugged in and always run when the refrigerator is in use. However, nanoe™ X requires moisture when operating, the effectiveness of this mode will be reduced if the humidity inside the Fridge compartment is reduced (such as when storing a few of vegetables, tubers).
- The nanoe™ X device device may cause a small sound during operation.

Quick Ice/ Freezing (For BW530H models)

When “Quick Ice/ Freezing” is set, the refrigerator will reduce the temperature quickly for better performance of preserving food.

■ **How to operate the “Quick Ice/ Freezing” mode**



Light is on: Quick Ice/ Freezing is operated.
Light is off: Quick Ice/ Freezing is not operated.

- Press the “Quick Ice/ Freezing” icon twice to start Quick Ice/ Freezing. Then, the light below the “Quick Ice/ Freezing” icon will turn on.
- If you want to stop the Quick Ice/ Freezing operation immediately, press the “Quick Ice/ Freezing” icon until the light turns off.

Remark

- The “Quick Ice/ Freezing” operation will stop automatically after running for 150 minutes and return to normal mode. (The light LED [Quick Ice/ Freezing] turns off.)
- The flashing of light LED [Quick Ice/ Freezing] means that the defrosting system is currently working. The “Quick Ice/ Freezing” mode will start right after the defrosting operation is finished.
- The temperature of the Freezer compartment will return to its previous setting when the Quick Ice/ Freezing mode ends.
- The following modes will be stopped when Quick Ice/ Freezing is turned on: Prime Fresh+; Prime Freeze.

Quick Freezing (For BW530J models)

When “Quick Freezing” is set, the refrigerator can reduce the temperature quickly for better performance of preserving food.

■ **How to operate the “Quick Freezing” mode**



Light is on: Quick Freezing is operated.
Light is off: Quick Freezing is not operated.

- Press and hold the “Freezer” icon for 3 seconds to start the Quick Freezing. Then, the light below the “Quick Freezing” icon will turn on.
- If you want to stop the Quick Freezing operation immediately , press and hold the “Freezer” icon for 3 seconds until the light turns off.

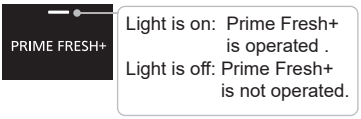
Remark

- The “Quick Freezing” operation will stop automatically after running for 150 minutes and return to normal mode. (The LED of [Quick Freezing] turns off.)
- The flashing of [Quick Freezing] LED means that the defrosting system is currently working. The “Quick Freezing” mode will start right after the defrosting operation is finished.
- The temperature of the Freezer compartment will return to its previous setting when the Quick Freezing mode ends.
- The following modes will be stopped when Quick Freezing is turned on: Prime Fresh+ ; Quick Ice Making; Prime Freeze.

Prime Fresh+

When “Prime Fresh+” is set, the Prime Fresh case will reduce the temperature quickly for better performance of preserving food.

■ **How to operate the “Prime Fresh+” mode**



- Press the “Prime Fresh+” icon twice to start Prime Fresh+. Then, the light above the “Prime Fresh+” icon will turn on.
- If you want to stop the Prime Fresh+ operation immediately, press the “Prime Fresh+” icon until the light turns off.

Remark

- “Prime Fresh+” will stop automatically after running for 105 minutes (when the ambient temperature is 18 °C or less) or between 145 ~ 150 minutes (when the ambient temperature is higher than 18 °C) and return to normal mode. (The light LED [Prime Fresh+] turns off.)
- The flashing of light LED [Prime Fresh+] means that the defrosting system is currently working. “Prime Fresh+” will start right after the defrosting operation is finished.
- The temperature of the Prime Fresh case will return to its previous setting when “Prime Fresh+” ends.
- The following modes will be stopped when Prime Fresh+ is turned on:
  With BW530H: Quick Ice/Freezing, Prime Freeze.
  With BW530J: Quick Freezing, Quick Ice Making, Prime Freeze.
- “Prime Fresh+” will not start when the temperature of the Prime Fresh case is being set between 4 °C ~ 0 °C.

Prime Freeze

Prime Freeze is a separate room located inside the Freezer compartment. This compartment is equipped with an individual fan system and high-class aluminum heat transfer plate, and modes to adjust the cooling time according to each food processing purpose in order to support the user in preparing dishes in a variety of way and save time.

■ **How to operate Prime Freeze**

① Press the icon of the Prime Freeze compartment on the Operation Panel. Then, the LED indicates position of the compartment, the LED indicates 3 modes (*) and the LED indicates operating time(**) of the Prime Freeze will turn on when selected.

Icon	Compartment	LED indicates position of the compartment	LED indicates 3 modes	LED indicates operating time
PRIME FREEZE	Prime Freeze		Rapid Freezing Quick Cooling Cool Down	MIN

(*) For LED indicates 3 modes:
- If the previous setting has not run out of time, the light will display the previous setting mode.
- If there is no time left from the previous setting, all LED indicates 3 modes will turn off.

(**) For LED indicates operating time:
- If the previous setting has not run out of time, the remaining minute value will be displayed.
- If there is no time left from the previous setting, the minute value will be displayed as “--”.

② Continue to press the icon of the Prime Freeze compartment, then the LED indicates position will flash. After this step, if the previous setting have not run out of time, the minute value will be cleared and displayed back to “--”. Press the icon of the Prime Freeze until the desired mode is selected. Each time the button is pressed, the LED indicates operating time will show the time in each respective mode.

③ Complete the setting
After completing the setting of Prime Freeze, press another button to finish and save the settings that you have just made. Or if no other button is pressed within 10 seconds, the Operation Panel will save the setting and return to stand by mode.

④ End mode
After the setting time of a mode running out, the Operation Panel will display the time back to “0” and there will be a notification sound. The notification sound will repeat every 2 minutes for 6 minutes, until you press the “Prime Freeze” icon on the Operation Panel or when the Freezer compartment door is opened. If you do not take food out immediately after the end of the mode, your food may be frozen more than desired.

■ **Modes of Prime Freeze**

Mode name	Display	Purpose of food processing	Mode (Unit: Minute)	Recommended type of food	Remark
Cool Down	Cool Down	Cooling down quickly the warm/hot food	3	• Rice (150 g) • Potato salad (150 g)	- Do not cover the box with lid or food wrapper to ensure the effectiveness of Cool Down. If you are concerned about the smell of your food, you can use a lid or food wrapper to cover it, but the food may not be cold enough. - 5 minutes is the estimated time for 1 lunch box (about 150 g of rice) or 200 g of prepared food. If the amount of food is larger, it may take longer to cool down. - Quick Cooling can be used to cool down over 200 ml of formula milk within 10 minutes. - After cooling down the formula milk with Cool Down, it is necessary to check the temperature of the formula milk before giving it to the baby.
			5	• Rice (300 g) • Potato salad (300 g) • Formula milk (100 ml) • Soup (150 ml)	
Quick Cooling	Quick Cooling	Cooling food quickly to save time for preparing food and desserts.	10	• Curry (200 g) • Fish (100 g) • Pudding (2 pieces) • Jelly (2 pieces)	- For ingredients that need to be marinated or seasoned such as meat, fried/grilled fish, soy-marinated eggs, etc., put the ingredients and spices into sealed containers/bags. The ingredients will burst with flavor during the cooling process. - For fresh meat, fish, and shrimp that may be difficult to slice/cut, the slicing/cutting will be easier after placing them in Quick Cooling mode. - Use aluminum or metal cups for jelly or desserts. With ceramic or porcelain containers, food may not be cold enough. - This mode can be used to cool beverages quickly.
			15	• Curry (400 g) • Chicken drumstick (250 g) • Pudding or Flan (4 pieces) • Jelly or cakes made from gelatine (4 pieces)	
Rapid Freezing	Rapid Freezing	Freezing rapidly prepared dishes to ensure the preservation of prepared foods and save time for every day cooking.	45	• Beef (150 g) • Steamed vegetables (1 bunch of broccoli) • Vegetables (250 g of sliced cabbage) • Fried chicken (250 g for 2 people) • Sherbet (300 ml) • Bread (2 pieces)	- Cover fresh food and steamed vegetables with food wrapper, freezer bags or cover with tight lids. - Fried foods (e.g. fried chicken, fried shrimp/squid, spring rolls,...) should be placed onto an aluminum tray and use “Rapid Freezing”. After freezing the food, put them into freezer bags or containers for storage. - This mode can be used to freeze some fruits such as strawberries, lychees, berries,... for long-term preservation.
			60	• Jellied meat (350 g) • Half of a chicken (500 g) • Beef (250 g) • Cubed ice (1 tray)	

Prime Freeze

Remark

- Always place food on the aluminum heat transfer plate for the best effectiveness of cooling.
- When hot or wet food is placed on the aluminum heat transfer plate without a lid or food wrapper, the surface of the food may be frozen and the inside of Freezer compartment may be frosted. If you are worry, please use lids or food wrapper.
- If cooked food is still at a high temperature, it should be cooled down to about 70 °C before putting in the Prime Freeze case.
- Leaving a glass bottle or can inside the compartment may pose a risk of breakage, cracking, or damage.
- Do not place the food which is higher than the height of the Prime Freeze case to avoid the risk that the Prime Freeze case does not close completely, causing frost and damaging food or food containers in the room.
- Do not touch the metal food container directly with wet hands, as there is a risk of frostbite.
- During the operation of Prime Freeze:
  - ECONAVI operation will be stopped.
  - The noise from the fan will be louder.
  - The power consumption will be higher than normal.
  - Prime Freeze will be stopped if below modes are set:

    For BW530H: Prime Fresh+, Quick Ice/Freezing

    For BW530J: Prime Fresh+, Quick Freezing, Quick Ice Making.
  - The flashing of [Prime Freeze] LED means that the defrosting system is currently working. “Prime Freeze” will start right after the defrosting operation is finished. This is a normal phenomenon.
- When Prime Freeze is not in use, this case can also be used as any other position in the Freezer compartment.
  - Small foods can be stored for easier finding.
  - The temperature in this room may be higher than the temperature in the entire Freezer compartment. For long-term preservation, please transfer food to the Freezer compartment.

Quick Ice Making (For BW530J models)

When setting Quick Ice Making, the refrigerator will increase its capacity to reduce ice making time.

■ **How to operate Quick Ice Making**



Light is on: Quick Ice Making is operated.
Light is off: Quick Ice Making is not operated.

- Press the “Quick Ice Making” icon twice in a row to start Quick Ice Making. Then, the icon of Quick Ice Making will turn on.
- When you want to stop Quick Ice Making, press the “Quick Ice Making” icon once until the light turns off.

Remark

- The flashing of light LED [Quick Ice Making] means that the defrosting system is currently working. The “Quick Ice Making” mode will start right after the defrosting operation is finished.
- The following modes will be stopped when Quick Ice Making is turned on:
  - Quick Freezing
  - Prime Fresh+
  - Prime Freeze
  - Auto Ice Off

Auto Ice Off and Auto Ice Clean (For BW530J models)

When the refrigerator is in operation, the Auto Ice maker mode will automatically operate without any setting. When setting the Auto Ice Off and Auto Ice Clean mode, the refrigerator will stop the Auto Ice maker and clean the Ice maker automatically.

■ **How to operate the Auto Ice Off mode**



Light is on: Auto Ice Off is operated.
Light is off: Auto Ice Off is not operated.

- Press the “Auto Ice Off” icon twice in a row to stop Auto Ice making. Then, the LED icon of Auto Ice Off mode will turn on.
- When you want to restart the Auto Ice making mode, press the “Auto Ice Off” once. Then, the LED icon of the Auto Ice Off mode will turn off.

Remark

- When the Auto Ice Off mode is on, Quick Ice Making, if active, will be stopped.

■ **How to operate the Auto Ice Clean mode**



Light is on: Auto Ice Clean is operated.
Light is off: Auto Ice Clean is not operated.

- Press and hold the “Auto Ice Off” icon for 3 seconds to enable/disable the Auto Ice Clean mode. At the end of the automatically cleaning process, the refrigerator will have a notification sound.

Remark

- Cannot stop/disable the operation of Auto Ice Clean mode when it is in progress.

For details on the cleaning operation of Auto Ice maker, please refer to Page 39.

Filter Change (For BW530J models)



- The LED of Filter Change will be turned on in orange LED after 6 months of operation (180 days of power supply and water valve open).
- This orange LED will be continuosly light on until finish changing the Water Filter and reset it.

How to reset the LED of Filter Change



- While the LED of Filter Change is displayed, press and hold the “Quick Ice Making” and the “Auto Ice Off” same time for 3 seconds. Then, the orange LED will be turned off.
- When the LED of Filter Change turns off, data of power supply and water valve open days will be cleared. It will reset to a new counting round for the next 180 days of Filter changing.

Remark

- It is necessary to change the Water Filter Cartridge right when the LED of Filter Change light on, to ensure the quality of water supply and prevent any risk of illness or poisoning damaged to your health.
- If the LED of Filter Change is displayed but you cannot immediately replace the Water Filter, do not reset the LED of Filter Change until the new Water Filter has been installed.

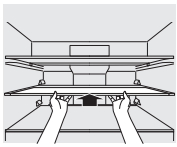
Instruction for changing new Water Filter please refer in Page 42.

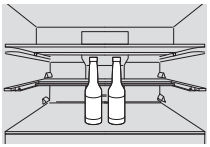
Fridge Compartment

The temperature range of the Fridge compartment is 1 °C ~ 7 °C
If the temperature of the Freezer compartment is set to 1 °C during a long period of time, your food may be frozen.

How to use slide glass tray

Slide the front-half glass tray to the back, then you can store taller things depending on your purpose of use.





Vegetable case

Vegetable case is equipped with large-capacitor and a guide rail with maximum opening angle, making it easier to take out food and increasing its load-bearing capacity, allowing the user to gently pull the case out with just one hand. The Moisture control filter will control the humidity inside the vegetable case, helping the vegetables retain moisture and stay fresh.

Remark

- Due to high humidity, water drops may appear on the vegetable case. Wipe droplets off with a soft cloth.
- Do not place food higher than the height of the vegetable case to avoid the risk that the vegetable case does not close completely, causing frost and damaging vegetables and fruits.

Tips for food preservation

■ Do not over stock too many food items

When there are too many food items and there is no space for cool air circulation inside the refrigerator, the cooling capacity will be affected. Provide sufficient space between foods.

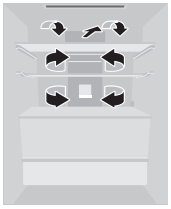


No wasting cool air inside the refrigerator is the key to keeping food fresher for longer!

■ Do not block the cool air outlet with food items

If the cool air does not spread into every corner of compartments, then the interior will not be sufficiently cooled and more electricity will be consumed.

*The cooling air vents are located on the duct inside the Fridge compartment.



Fridge Compartment

How to use the Water Dispenser

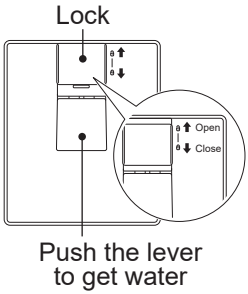
With the Water Dispenser, you can get cold water without opening the refrigerator door.

■ How to get water

① Push the lock upward until it touches the top edge.
② Keep the cup straight and gently push the lever to get water.

Attention

- Before using Water Dispenser, the Water Connection system must be installed correctly. Refer to the Installation instruction in Page 10 ~ Page 17 for details.
- In the first time using, please run through and discard the first 3 liters of water, stopping intermittently to remove trapped air in the system. Failure to do this will result inexpressive dripping from your dispenser.
- It will take about 1 second for water getting out when starting to push the lever. Purpose of this setting is to limit the water flow out in the case of accidentally touching the level.
- After taking enough water, slowly take the cup out to avoid the water leaking.
- Use a clean cloth to dry if any water spills out.
- When you need to lock the Water Dispenser, pull the lock downward until it touches the bottom edge and the red line can be seen. If it is not necessary to lock the Water Dispenser, skip this step.
- Water may not cool if dispensing continuously by Water Dispenser for a period longer than 2 minutes.



Prime Fresh Case

The temperature in the Prime Fresh case can be selected as below:

- The temperature for soft freeze is -1 °C ~ -5 °C.
- The temperature to use the Prime Fresh case as the Fridge compartment is 4 °C ~ 0 °C.

When using the refrigerator, the temperature can be adjusted according to your usage.
*The default temperature setting of Prime Fresh case is -3 °C.

Using Prime Fresh case — Approx. -1 °C ~ -5 °C

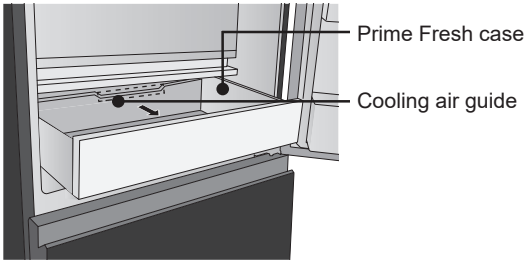
- This room is suitable for storing fresh food, such as meat or fish. Compared to storing in the Fridge compartment, the storage life of meat or fish becomes longer.
- When food is frozen too much.
  Sliced raw fish or meat may be frozen too much. Set the temperature to higher than -3 °C to prevent food from over frozen.
- When food is not partially-frozen.
  Depending on the type of food, such as a large block of meat or a large fish, the storage conditions and the ambient temperature, food may not be partially-frozen as it intended. Then, set to the lowest temperature -5 °C.



Easy to cut.
The partially - frozen foods is easy to cut!
It comes in handy



- Do not over stock with too many food items. When there are too many food items and there is no space for cool air circulation inside the refrigerator, the cooling capacity will be affected. Provide sufficient space between foods inside Prime Fresh case.
- When storing food in large amount, e.g. a large block of meat, a large fish or a chicken, it is advisable to place the food at the center of the Prime Fresh case to optimize the cooling performance.
- When the temperature of the Prime Fresh case is set at 4 °C ~ 0 °C, the Prime Fresh+ mode will not operate in order to prevent food spoilage.
- Do not block the cool air outlet with food items inside the Prime Fresh case.
  If the cool air does not spread into every corner of Prime Fresh case, then the interior will not be sufficiently cooled and the food may be affected.
  Therefore, food should not be placed in front of the Cooling air guide (on the Prime Fresh case) to prevent blocking the air circulation inside the room.



Freezer Compartment

Storing frozen food, cooked meal and food freezing by Prime Freeze case.
The temperature range of the Freezer compartment is -15 °C to -23 °C.



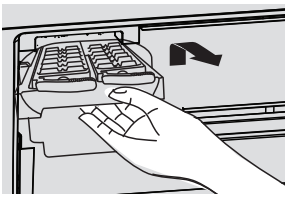
Three tips for freezing food and locking in the flavour

1. Freeze thin and small items of food quickly!
2. Fully sealed
3. Do not refreeze

To make ice

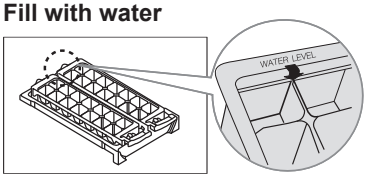
※ **For BW530H models**

1 Take out the ice twister



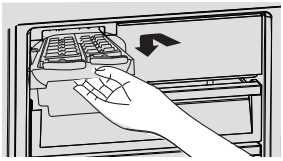
Pull out the ice twister.

2 Fill with water



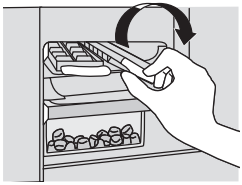
Fill water up to the “WATER LEVEL” line.

3 Install the ice twister



Place tray back into the ice making compartment.

4 To move ice cubes



Twist the ice twister clockwise.
(The ice cubes will drop into the ice box.)

※ **For BW530J models (Auto Ice and Water Dispenser)**

- Auto Ice making will be automatically activated when refrigerator in operation and the Water Connection system is installed correctly.
  Details for installation of Water Connection system refer in Page 10 ~ Page 17.
- Ice could be made in approx. 2 hours, with the temperature in the Fridge compartment is 4°C, Prime Fresh case is -3°C, and Freezer compartment is -20°C.

How to make ice quickly

■ **In the "Quick Ice/ Freezing" mode of BW530H models and "Quick Ice Making" mode of BW530J models, the ice making speed will be increased.**
Ice can be made within 90 minutes* at the quickest.

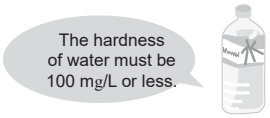
Remark

- After about 6 hours, the refrigerator will automatically return to normal Ice making mode.
- The flashing of [Quick Ice/ Freezing] LED or [Quick Ice Making] LED means that the defrosting system is currently working. "Quick Ice/ Freezing" or "Quick Ice Making" will start right after the defrosting operation is finished.
- In "Quick Ice/ Freezing" or "Quick Ice Making" mode mode, energy consumption increases more than usual.
- ECONAVI operation does not work during the setting of "Quick Ice/ Freezing" or "Quick Ice Making".

* Ambient temperature of 20 °C, the temperature of the Fridge compartment, the Prime Fresh case, and the Freezer compartment are 4 °C, -3 °C, and -20 °C, respectively.

To use the Ice maker in comfort (For BW530H models)

○ Please use only drinking water for Ice making.



Drinking water

× Do not put liquids such as the following into Ice maker.
(These liquids may damage the Ice maker).


Juice, etc. Sports drinks Carbonated beverages Hot water

Tips

- The hardness of water must be 100 mg/L or less. The minerals may appear as white floating particles. They are not harmful.

Request

- Do not pour water directly into the Ice box to make ice.
  (Otherwise, the Ice box may be damaged).
- Do not put food or other things into the Ice box.

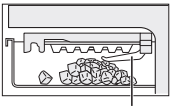
To use the Auto Ice maker in comfort (For BW530J models)

Tips

- The hardness of water must be 100 mg/L or less. The minerals may appear as white floating particles. They are not harmful.
- When using the Auto Ice maker for the first time, odor or dust may be on the Ice tray, etc. Please throw away the first lot of ice.
- Remember to regularly use the Auto Ice Clean function of the Auto Ice maker. (Page 32)

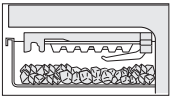
Attention

When the Ice box is full and the ice cubes touch the ice detection lever, the ice making will stop automatically.



The pile of ice cubes will touch the ice detection lever. (Then, the Auto Ice making will stop).

Ice detection lever



Distribute the ice cubes evenly inside the Ice box for making more ice.

Request

- Do not pour water directly into the Ice box to make ice. (Otherwise, the Ice box may be broken).
- Do not put food or other things into the Ice box. (Otherwise, the amount of ice cannot be correctly detected and Auto Ice making may be stopped or the Ice box cannot be pulled out.)

Ice maker cycle time will be longer in the following cases.

- The first time using the refrigerator. (It will take at least 24 hours since the Ice making function only starts after the inside of the refrigerator is cool enough).
- When the refrigerator doors is frequently opened.
- When the refrigerator doors is ajar.
- When a large amount of food is stored at once.
- When the ambient temperature is low during winter or high during summer.
- When a power failure occurs.

How to clean the Ice Maker

※ For BW530H models

When using for the first time or when not being used after a long time, the Ice tray and Ice box may smell unpleasantly or collect dust. Remember to clean the Ice tray and Ice box before start to make ice.

※ For BW530J models (Auto Ice and Water Dispenser)

When using for the first time or when not being used after a long time, the Ice tray and Ice box may smell unpleasantly or collect dust. Remember to process to clean the Ice maker before start to make ice.

After selecting the Auto Ice Clean mode, water will be automatically poured into the Ice tray and water supply pipe 3 times (for about 2 minutes) to drain the water.

When selecting the ice maker cleaning mode, make sure the Water Connection system is installed correctly (Page 10 ~ Page 17).

① Pull out the Ice box, remove all ice cubes from the Ice box (after the ice cubes are fully formed), and then install the Ice box back.

② Check the Water Connection system is installed correctly and the water supply valve is opened.

③ Select the Auto Ice Clean mode (Page 32).

- At the same time, the refrigerator will sound a notification and begin to clean the ice maker.
- During the cleaning process, the sound cannot be turned off.
- After the beeping sound to inform the completion of the cleaning process, the icon of the Auto Ice Clean mode on the Operation Panel will turn off, the ice maker cleaning process will end and the Auto Ice making will be started.

④ Pull out the Ice box from the Freezer compartment, throw away the water in the Ice box and wipe the water off.
If you do not clean all water on the Ice box, the Ice box may be damaged.

How to turn off Ice Maker

※ For BW530H models

■ Turn off Ice making for a long period of time

① Remove all ice cubes from the Ice box.

② Clean Ice box, Ice tray; dry and put them back to their place.

③ When using again, please put it back.

※ For BW530J models (Auto Ice and Water Dispenser)

You can enable/disable the Auto Ice making mode according to your needs.

■ Turn off Auto Ice making

① Choose the Auto Ice Off mode, the icon of the Auto Ice Off mode on the Operation Panel will turn on and the refrigerator will stop making ice (Page 32).

② When you want to continue making ice automatically, please choose the Auto Ice Off mode, and the icon of the Auto Ice Off mode on the Operation Panel will turn off (Page 32).

■ Turn off Auto Ice making for a long period of time

① Turn on Auto Ice Off mode and remove all ice cubes from the Ice box.

② Clean the Ice box; dry and put it back in its place.

③ When using again, please turn off Auto Ice Off mode and the Auto Ice system will automatically make ice.

■ When transporting the refrigerator

① Turn on Auto Ice Off mode and remove all ice cubes from the Ice box.

② Choose the Auto Ice Clean mode, the icon of Auto Ice Clean mode on the Operation Panel will turn on and the refrigerator will start cleaning the ice maker. (At this time the ice cubes and water in the process of making ice will fall into the Ice box)

③ The cleaning process will stop after 2 minutes. Take out the Ice box and empty the ice cubes and water in the Ice box.

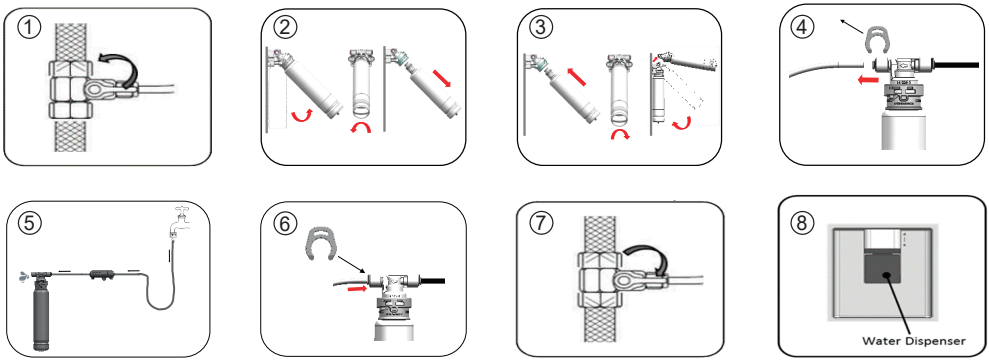
④ Clean Ice box; dry and put it back in its place.

Water Filter Cartridge Installation and Replacement (For BW530J models)

The Water Filter Cartridge is recommended to change after 6 months of operation to ensure the quality of water supply and prevent any risk of illness or poisoning damaged to your health.

Please change Water Filter Cartridge to a new one when The LED of Filter Change in Operation Panel turning on in orange. (Page 24)

To change the Water Filter, follow these steps:



① Shut off the main water supply valve to the refrigerator to replace the Filter Cartridge.

② Lift up the Filter (less than 90 degrees), turn the Cartridge quarter of a turn to the left and take it out of the Filter Head.

③ After remove protective cap on Filter Cartridge, insert the new Filter Cartridge into the Filter Head, turn it quarter of a turn to the right until it stops, and take the new Filter Cartridge with the Filter Head out of Sub Filter Bracket to outside.

④ Temporary stop the connection of Water Filter and refrigerator by dissembling the white Tube B out of the new Water Filter.

⑤ Aim the new Water Filter into a bucket, turn the water supply tab on and run the water through at least 12 liters of water. Once complete, turn of the water supply tab. Purpose of these actions is to flush the new Water Filter of any trapped air, avoiding water dripping.

⑥ Reconnect “Tube B” to Water Filter. Note to firmly fix “Tube B” with the Joint Clip. Insert new Water Filter back to the Sub Filter Bracket (referred to Installation Step 9 in Page 16).

⑦ Turn on main water supply valve to the refrigerator.

⑧ Reset LED of Filter Change on Operation Panel and run water through the Water Dispenser for approximately 3 liters to purge the system and to check for leaks at all water connection points in the first two or three hours after installation. Re-check after 24 hours to ensure connection is watertight. If the connection is leaking, contact a licensed plumber.

Attention

Step ⑤ is highly recommended to remove trapped air. If this step is skipped, please follow these below steps in the first time using Water Dispenser after replacing the new Water Filter to avoid water dripping:

- Press the Water Dispenser to dispense 4 liters of water.
- Wait for 3 ~ 5 minutes before dispensing again.
- Dispense 4 liters of water then wait another 3 ~ 5 minutes.
- Dispense another 4 liters of water. Your Water Dispenser is ready to use.

Water Filter Cartridge Installation and Replacement (For BW530J models)

Remark

- The Water Filter system tested and certified by NSF International against NSF/ANSI Standards 42, 53, 401 in System Model ARBHBA300020 for reduction claims specified on the Performace Data Sheet included with the Water Filter.
- Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.
- Systems certified for cyst reduction may be used on disinfected water that may contain filterable cyst.
- For cold water only.
- NSF/ANSI Standard 53 certified to reduce cysts over 99.99% such as Cryptosporidium and Giardia by mechanical means. The testing was performed under standard laboratory conditions, actual performance may vary.
- The system and installation shall comply with applicable state and local regulations.
- Systems must be installed and operated in accordance with manufacturer's recommended procedures and guidelines.
- Spent adsorption media will not be regenerated and used.
- Do not install the Water Filter in an area of direct sunlight.
- Do not install the Water Filter in an area of the wall where there may be electrical wires and/or water supply pipes.
- To maintain proper filtration, replace the Filter approximately every 6 months.
- The System conforms to NSF/ANSI 42, 53, 401 for the specific performance claims as verified and substantiated by test data.
- Water will continue to drip from the dispenser for a few more days after installation to clear remaining trapped air in the dispenser. Dry it by cloth.

How to Clean the Refrigerator

Before cleaning or conducting maintenance, be absolutely sure to disconnect the power plug from the power outlet. Do not connect or disconnect the power plug with wet hands.
When the plug is disconnected, leave it for 7 minutes before plugging again. If not, the compressor may not work.

Clean the refrigerator immediately after it is stained!

Wipe off stains on the interior surfaces quickly before they harden. In particular, cooking oil or lard may cause plastic to crack and citrus juice may cause the refrigerator to become discolored. When stains cannot be removed easily, wipe them with a cloth lightly soaked in neutral kitchen detergent. Then, wipe with a cloth lightly dipped in water.





Rub the door surface with a soft damp cloth.



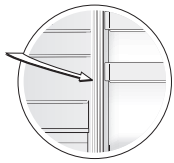
Clean the detachable items occasionally.

Clean the ice tray once a week. As a guide, remove the trays, door shelves, etc. and wash them by immersing them in lukewarm water every three months.

Clean the door gasket at least once a month.

Clean by wiping with a soft damp cloth.

Lubricated gel has been applied to the door gasket on the hinge side of the refrigerator, be careful not to wipe it off.



Notices

The door gasket is replaceable by an authorised service agent.
If the door gasket comes off while cleaning, it can be pushed back into the groove.

Requests

Do not use the following items for cleaning. (Otherwise, the surface will be scratched or corroded.)



Kitchen detergents (They crack plastic!)



Cleanser or soap powder



Benzine, thinner, alcohol, acid, petroleum



Scrubber



Hot Water

How to Clean the Refrigerator

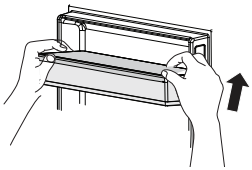
Egg shelf / Bottle shelf / Utility case — Once every 3 months

■ **Removing**

① Lift it upward, alternating between the right and left side.

■ **Attaching**

② Placing it on both supporters, and then press until it reaches the end of supporters.



Remark

Utility case is designed not to take out for cleaning.
In case cleaning is required, please contact Panasonic Service Center.

Tray — Once every 3 months

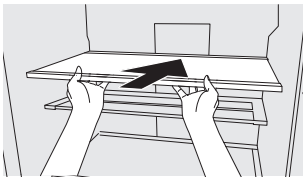
■ **Removing**

① Lift up the back of the tray and pull it forward. Once the protrusions of the tray are unhooked from the rails, tilt the tray and remove it.



■ **Attaching**

② Push the tray until it reaches the end lock.



Remark

- For easier to take the glass trays out from the refrigerator, please remove door shelves and bottle shelves first.
- The Glass tray vegetable case is cleaned by directly cleaning inside the refrigerator. (Due to its fixed design.)
- In case of attaching the tray and it does not lock, make sure that you did not attach it into it the wrong tray.
- Trays are made of glass and heavy.
  Please handle them with care so that they do not fall and cause any damage or injury.
  For attaching trays, hold them with the protrusion side down and firmly insert.

How to Clean the Refrigerator

Vegetable case / Freezer case — **Once every 3 months**

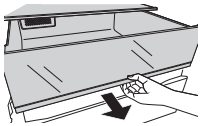
※ For BW530H models

- **Vegetable case**



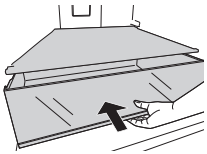
■ **Removing**

① Fully open of the Fridge compartment door.
② Remove Large door shelf ⑧ (According to Parts identification in Page 19 ~ Page 22 before removing the Vegetable case.)
③ Pull the case forward until it reaches the end and gently lift the front of the case to remove it completely.



■ **Attaching**

① Insert the vegetale case unit into the supports.
② Gently lift the case and push forward until it reaches the end.
③ Install Large door shelf ⑧ into the door.



- **Freezer case**

Skip the steps of removing and installing the Large door shelf ⑧. Remove and install the case in steps similar to those of the Vegetable case.

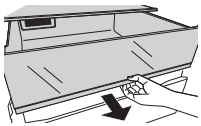
※ For BW530J models

- **Vegetable case**



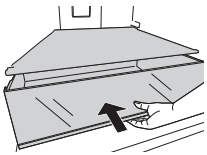
■ **Removing**

① Fully open of the Fridge compartment door.
② Remove Small door shelf ⑩ on the left side (According to Parts identification in Page 19 ~ Page 22 before removing the Vegetable case.)
③ Pull the case forward until it reaches the end and gently lift the front of the case to remove it completely.



■ **Attaching**

① Insert the vegetale case unit into the supports.
② Gently lift the case and push forward until it reaches the end.
③ Install Small door shelf ⑩ on the left side into the door.



- **Freezer case**

Skip the steps of removing and installing the Small door shelf ⑩. Remove and install the case in steps similar to those of the Vegetable case.

How to Clean the Refrigerator

Prime Fresh case — Once every 3 months

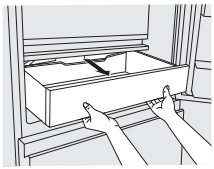


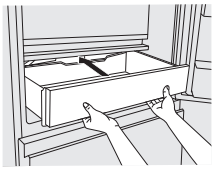
■ **Removing**

① Fully open of the Fridge compartment door.
② Remove Bottle shelf ⑪
(According to Parts identification in Page 19 ~ Page 22 before removing the Prime Fresh case.)
③ Pull the case forward until it reaches the end and gently lift the front of the case to remove it completely.

■ **Attaching**

① Insert the Prime Fresh case into the supports.
② Gently lift the case and push forward until it reaches the end.
③ Install Bottle shelf ⑪ into the door.

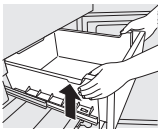


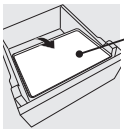


Prime Freeze — Once every 3 months

■ **Removing**

① Pull out the Prime Freeze completely.
② Lift the case, tilt it, and lift it out of the compartment diagonally.





Aluminum heat transfer plate
(Note that the aluminum plate is easy to be scratched and deformed)

■ **Attaching**

① Pull out the Prime Freeze case, lift the back of the case and hook along the inner grooves until it matches and touches the end point.

Remark

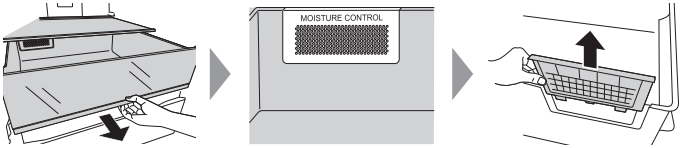
- The aluminum heat transfer plate can be removed; however, remember not to hold it with wet hands when the aluminum plate is cold, as there may be a risk of frostbite.
- When removing or installing the case, be sure to grasp the tray handle with your outstretched hand. Otherwise, the compartment door may accidentally hit your finger. Please refer to the illustration above.
- If cleaning by water, wipe the aluminum plate or allow it to dry before reinstalling into the refrigerator.
- Do not wipe the lubricant off the contact surface of the guide rail.
  If you have wiped out the lubricant, please contact with the Service Center.

How to Clean the Refrigerator

Moisture control of vegetable case — Once every 3 months

① After pulling out the Vegetable case, the Moisture control is located at the back of the Vegetable case.

② Slide the Moisture control upward to remove it.



Remark

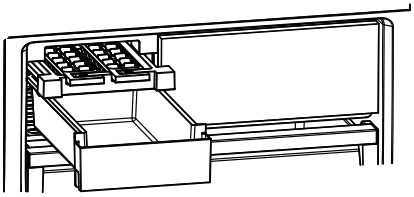
- After cleaning with water, wipe it and let it dry.
- For tough stains, dilute (neutral) kitchen detergent, and gently wash with a soft toothbrush, then rinse thoroughly with water.

Ice box — Once every 3 months

※ For BW530H models

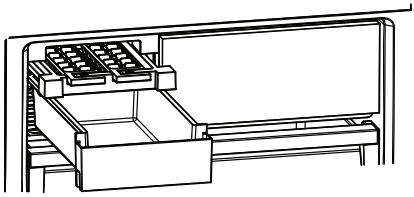
■ Removing

Lift and pull the Ice box forward until it is completely removed.



■ Attaching

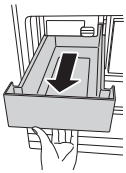
Push the Ice box until it reaches the end of the Ice box holder.



※ For BW530J models (Auto Ice and Water Dispenser)

■ Removing

Lift and pull the Ice box forward until it is completely removed.

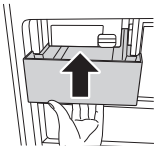


Remark

- Stop the Auto Ice making function before cleaning the Ice box (Page 32).

■ Attaching

Push the Ice box until it reaches the end of the Ice box holder.

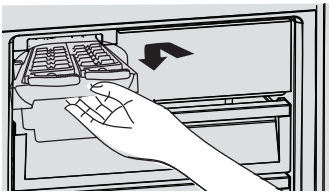


How to Clean the Refrigerator

Ice tray — Once every 3 months

※ **For BW530H models**

How to clean the Ice tray manually.



■ **Remove and clean the Ice tray**

① Pull the Ice tray.
② Clean it with water. (Do not use sharp scouring pads to scrub the surface of Ice tray. If the Ice tray is scratched, ice may not be properly released, leading to a malfunction.)

Remark

- The Ice tray and its frame cannot be separated.
- Do not clean with dishwashers or dish drying rack.

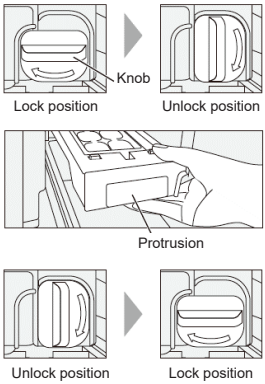
■ **Attaching**

① Push the Ice tray in.

※ **For BW530J models (Auto Ice and Water Dispenser)**

The Ice tray can be cleaned by using the Auto Ice Clean function (Page 32). In addition, the Ice tray can be removed and cleaned manually.

How to clean the Ice tray manually.



■ **Remove and clean the Ice tray**

① Choose the Auto Ice Off mode (Page 32).
② Turn the knob on the Auto Ice maker to the unlocked position.
③ Pull the protruding side forward to remove the Ice tray.
④ Clean it with water. (Do not use sharp scouring pads to scrub the surface of Ice tray. If the Ice tray is scratched, ice may not be properly released, leading to a malfunction.)

Remark

- The Ice tray and its frame cannot be separated.
- Do not clean with dishwashers or dish drying rack.

■ **Attaching**

① Push the Ice tray in until you hear a “click”.
② Turn the knob into the locked position. Ice cannot be made if the Ice tray is not locked.
③ Disable the Auto Ice Off mode (Page 32) to restart the Auto Ice making.

Remark

- Ice will not be made until the Auto Ice Off mode is turned off.
- Do not pour water directly into the Ice tray after manual cleaning. (That may cause ice cubes sticking together or a malfunction.)

Troubleshooting

Before you call for service, please check the following steps:

The refrigerator does not operate.

- Check that the plug and its socket are in good condition.
- Check if there is any problem on main fuse and electrical system of the house.
- Check by unplug and wait for 7 minutes before plugging it back in.

The refrigerator does not cool enough.

- Check to be sure that light in Operation Panel is displayed at proper position.
- Check to see if the refrigerator is overloaded with stuff or there is any hot foodstuff refrigerated inside.
- Is the refrigerator exposed directly to sunlight or heat source?
- Is the refrigerator door completely closed?
- Is the refrigerator door opened frequently?



Dew, frost appears.

Outside

- When the air humidity is high, there is a chance that moisture will condense on the refrigerator surface, around the door gasket or on the door surface. This situation will stop if the air humidity decreases. Please wipe it up with dry cloth.

Inside

- Is the door closed firmly?
- Is the door being opened and closed too frequently?
- Condensation inside the refrigerator can also be caused by leaving high-humidity foods uncovered or unwrapped.
- When the humidity is high, the door is open for a long time, or when the refrigerator contains too much food or makes too much ice, frost may form inside the Freezer compartment at the location of the Freezer compartment case, Ice box or the Prime Freeze case door. This is normal. Please wipe with dry and soft cloth.

The refrigerator generates noise.

- Check if the refrigerator is located on a stable floor or is installed properly.
- Check if there is any object in contact with the refrigerator.
- Cracking sound within caused by the parts adjusting temperature which is normal.
- After installation, the refrigerator may make loud noise. The noise will be less when the refrigerator has been cooled.
- There may be a whistling sound inside the refrigerator when opening and closing the door. This is caused by the air outside being drawn in through the pipe on the backside of the refrigerator to better balance the air circulation inside the unit.

Troubleshooting

The inside is smelling.		● Do you store food with dry odor without wrapping it?
The surfaces of the refrigerator is hot.		● Because the refrigerator is equipped with the dew prevention and heat radiation tubes, the surfaces of the refrigerator get warmer when operating. ● The back and side plates may get warmer especially when starting up or if the door is frequently opened and closed.
The normal sounds of refrigerator.		● When the refrigerator starts operation, the sound like water flowing and boiling water is created. This is the sound of the cooling liquid. ● The noise is generated when the automatic defrost system operated. ● The dilatation of the details inside the refrigerator in the cooling process can cause sound “crack-crack”. ● You may feel that the operation sound is larger because the compressor operates in high-speed under the following conditions: the refrigerator does not cool fully on the occasion such as using it for the first time, opening/closing the door too frequently, the surrounding temperature is high. The sound becomes more quiet after cooling fully.
Auto Ice making.	**The refrigerator does not make ice.**	● Check the installation of Water Connection System is corrected and the water supply tab is opened. ● The ice making process begins after the inside of the refrigerator is cold enough. (It may take more than 24 hours to start the process) ● Check if the Auto Ice Off mode is set. (Page 32) ● Do not leave food in the ice maker. ● Do not install or remove the Ice tray frequently. ● If water spills on the Ice box, clean it up. ● Please contact Panasonic Service Center.
	The ice does not form any ice cube	● Is the temperature of Freezer room set to a higher temperature than -20 °C? → Adjust to a lower temperature. (Page 25)
	Unusual shape of ice cubes.	● There are protrusions. → The grooves of the Ice tray may be frozen. ● The ice cubes are round or connected to other ice cubes. → Ice has been stored for a long time. (Ice cubes get round of connected by sublimation.) ● The amount of water supplied for Auto Ice making is guaranteed based on the water pressure measured from the Flow Sensor. However, when the water pressure is too low (less than 172 kPa (25 psi) as Water Connection System Warning in Page 4), the size of ice cubes may be smaller than usual. This is a normal phenomenon.

Troubleshooting

The Operation Panel flashes.

- Are you adjusting the temperature of your refrigerator?
  → Flashes during adjusting. Please complete the setting or the Operation Panel will stop flashing after 10 seconds.

Food becomes frozen.

- Do you put the food near cold air holes?
- Do you adjust the temperature control to less than 4 °C for the Fridge compartment and/or -3 °C for the Prime Fresh case?
  → Adjust to a higher temperature.
- Do you put food in Prime Fresh case?

Light does not turn on.

- Please contact Panasonic Service Center.

The ECONAVI light does not come on normally.

The ECONAVI function does not work (the ECONAVI light does not come on).

- Are Prime Fresh+, Prime Freeze, Quick Ice/Freezing for BW530H and Quick Ice Making, Quick Freezing for BW530J in active?
- When the temperature is not set at 4 °C for the Fridge compartment and -20 °C for the Freezer compartment, the ECONAVI function does not activate automatically.
- Is the door opened too often or are there hot food stored in the refrigerator?
- The learning function can automatically disable the ECONAVI operation during regular use.
- Does the refrigerator display any error codes?

The ECONAVI operation is rarely active.

- Is there a power failure?
  If there is a power failure, the data collected by the learning function until the power failure will be lost.
  The ECONAVI operation is rarely active until the learning function could collect the data again.

The ECONAVI operation is stopped halfway.

- If the automatic defrost function is enabled while the ECONAVI operation is active, the normal cooling mode will be activated after the defrosting process completes. As a result, the ECONAVI operation may be stopped during defrosting/cooling.
- Sometimes, the learning function restarts the normal cooling mode.

The ECONAVI operation works too often (the ECONAVI light rarely turns off).

- Is the light intensity sensor hidden?
- Are there any dirt or scratches on Operation Panel of the light intensity sensor?
- The ECONAVI operation may operate while the refrigerator is in use depending on the usage conditions, but the cooling operation is still maintained.

Troubleshooting

Prime Freeze.

The food melts.

- Store frozen foods with the Prime Freeze case in a long period of time, or store high-fat ice cream in the freezer.
- Do not place cold food next to hot food.

Not cold, no freezing.

- Freezing capacity may not be sufficient depending on the type of food, packaging condition, storage capacity, and how often that the door is opened and closed.
  → Reset Prime Freeze. (Page 29)

Stop working halfway.

- If Prime Freeze is set during defrosting, the time display will start counting, but the fan will stop and the food will not be cooled enough. After defrosting, reset Prime Freeze.
- If Prime Fresh+, Quick Ice/Freezing for BW530H and Quick Ice Making, Quick Freezing for BW530J are set during the operation of Prime Freeze, Prime Freeze will be stopped.

Error display on Operation Panel.

- U10: Warning if doors are opened too long.
  → Check that the doors are closed properly.

- The letter “H” and two digits are displayed on Operation Panel.
  For example: H01
  → Please contact the Service Center for support.

Performance Data Sheet For Filter System Model: ARBHBA300020

This system has been tested according to NSF/ANSI 42, 53, 401 for reduction of the substances listed below. The concentration of the indicated substances in water entering the system was reduced to a concentration less than or equal to the permissible limit for water leaving the system, as specified in NSF/ANSI 42, 53, 401.

System tested and certified by NSF International against NSF/ANSI Standards 42, 53, 401 in System Model ARBHBA300020 for reduction claims specified on the Performance Data Sheet.

Substance	Influent Challenge Concentration	Average Reduction	Reduction Requirement	Max Permissible Product Water Concentration
Chlorine Taste and Odor	2 mg/ L ± 10%	97.5%	≥ 50%	N/A
Nominal Particulate Class I >0.5μm to 1μm	At least 10,000 particles/ ml	99.7%	≥ 85%	N/A
2,4-D	0.21 mg/ L ± 10%	98.7%	N/A	0.07 mg/ L
Atrazine	0.009 mg/ L ± 10%	> 94.8%	N/A	0.003 mg/ L
Cyst	Minimum 50,000/ L	> 99.99%	99.95 %	N/A
Mercury pH 6.5	0.006 mg/ L ± 10%	96.6%	N/A	0.002 mg/ L
Mercury pH 8.5	0.006 mg/ L ± 10%	95.9%	N/A	0.002 mg/ L
Asbestos	10^7 to 10^8 fibers/ L; fibers greater than 10μm in length	> 99%	99 %	N/A
Benzene	0.015 mg/ L ± 10%	> 97.0%	N/A	0.005 mg/ L
Lead pH 6.5	0.15 mg/ L ± 10%	99.3%	N/A	0.005 mg/ L
Lead pH 8.5	0.15 mg/ L ± 10%	> 99.3%	N/A	0.005 mg/ L
P-Dichlorobenzene	0.225 mg/ L ± 10%	> 99.8%	N/A	0.075 mg/ L
Toxaphene	0.015 mg/ L ± 10%	> 93.8%	N/A	0.003 mg/ L
Turbidity	11 ± 1 NTU	99.1%	N/A	0.5 NTU
Lindane	0.002 mg/ L ± 10%	> 99.1%	N/A	0.0002 mg/ L
Carbofuran	0.08 mg/ L ± 10%	98.7 %	N/A	0.04 mg/ L
Tetrachloroethylene	0.015 mg/ L ± 10%	> 96.6 %	N/A	0.005 mg/ L
O-Dichlorobenzene	1.8 mg/ L ± 10%	> 99.9 %	N/A	0.6 mg/ L
Ethylbenzene	2.1 mg/ L ± 10%	> 99.9 %	N/A	0.7 mg/ L
Chlorobenzene	2.0 mg/ L ± 10%	> 99.9 %	N/A	0.1 mg/ L
Endrin	0.006 mg/ L ± 10%	> 96.7 %	N/A	0.002 mg/ L
Meprobamate	400 ng/ L ± 20%	93.5 %	N/A	60 ng/ L
Atenolol	200 ng/ L ± 20%	94.7 %	N/A	30 ng/ L

Performance Data Sheet For Filter System Model: ARBHBA300020

Substance	Influent Challenge Concentration	Average Reduction	Reduction Requirement	Max Permissible Product Water Concentration
Carbamazepine	1,400 ng/ L ± 20%	98.4 %	N/A	200 ng/ L
DEET	1,400 ng/ L ± 20%	98.6 %	N/A	200 ng/ L
Metolachlor	1,400 ng/ L ± 20%	98.2 %	N/A	200 ng/ L
Trimethoprim	140 ng/ L ± 20%	96.4 %	N/A	20 ng/ L
Linuron	140 ng/ L ± 20%	> 96.5 %	N/A	20 ng/ L
TCEP	5,000 ng/ L ± 20%	> 98.1 %	N/A	700 ng/ L
TCPP	5,000 ng/ L ± 20%	98.2 %	N/A	700 ng/ L
Phenytoin	200 ng/ L ± 20%	> 94.4 %	N/A	30 ng/ L
Ibuprofen	400 ng/ L ± 20%	> 95.4 %	N/A	60 ng/ L
Naproxen	140 ng/ L ± 20%	> 97.5 %	N/A	20 ng/ L
Estrone	140 ng/ L ± 20%	> 95.2 %	N/A	20 ng/ L
Bisphenol A	2,000 ng/ L ± 20%	99.0 %	N/A	300 ng/ L
Nonyl phenol	1,400 ng/ L ± 20%	> 96.4%	N/A	200 ng/ L
Microplastics, particles 0.5 to < 1μm	At lease 10,000 particles/ ml	99.7%	≥ 85%	N/A

Operation Conditions

Capacity	1,136 L (300 gal)
Function	Chemical / Mechanical
Usage Life	6 months
Flow Rate	1.9 lpm (0.5 gpm)
Temperature	1 ~ 38 °C (34 ~ 100 °F)
Pressure	206 ~ 861 kPa (30 ~ 125 psi)

System model: ARBHBA300020
Replacement Cartridge: ARAHFA105010
EPA Number: EPA Est No.94813-KOR-1
(NSF/ANSI Standard 53 Certified to reduce Cyst by mechanical means.)
Manufactured by Microfilter Co.,Ltd.
162-1, Sansu, Deoksan, Jincheon, Chung-Buk 27856, Korea.
Made in Korea
Tel no.: T: 82-43-531-7021~5 /F: 82-43-530-5499

Remark

- Systems must be installed and operated in accordance with manufacturer's recommended procedures and guidelines. Follow any and all local plumbing codes and requirements. Some local codes may require the use of a licensed plumber or a certified installer when disrupting a potable water line.
- Failure to follow instructions may result in voidance of warranty.
- Change the filter cartridge at least every 6 months.
- To reduce the risks associated with water leakage, which, if not avoided, may result in property damage - check with your plumbing professional to verify that water pressure is less than 827 kPa (120 psi).

Specifications

Model No.		NR-BW530H	NR-BW530J
Freezer Star Rating		✱✱✱	
Capacity (L) (IEC 62552:2015)	Total	505	498
	Freezer	186	186
	Fridge, Prime Fresh	319	312
Outside Dimensions Width x Depth x Height (mm)		750 x 750 x 1730	
Net Weight (kg)		83	86
Refrigerant Type		R600a	
Cooling System		Non-frost cooling.	
Rated Voltage (V) Rated Frequency (Hz)		Refer to the rating label attached inside the cabinet.	

Disposal



For the purpose of recycling to facilitate utilization of resources, please return this product to a nearby authorized collection center, registered dismantler of recycler, or Panasonic service center when disposing of this product.

Customer care number: 132600 (AU)
09 272 0178 (NZ)

Please see the Panasonic website for further information on collection centers, etc. or call the customer care number.

https://www.panasonic.com/au

https://www.panasonic.com/nz

Panasonic Corporation

Website: https://www.panasonic.com

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