



# Operating Instructions Refrigerator

For Household Use

Model No.: **NR-BW530X**

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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 2-5 before using this product.
- Please make sure the date and name of store of purchase are stamped in warranty card and keep it with these operating instructions.



## Safety precautions

Please be sure to follow these instructions.



### WARNING

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



These signs mean prohibited action.



This sign means required action.



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



### CAUTION

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



**iso-butane**

Risk of fire / flammable materials.

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



### WARNING

#### In case of emergency...



- Maintenance work must 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 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, 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 a similarly qualified person in order to avoid a hazard.
- If you detect a burning smell, disconnect the power plug and ventilate the kitchen.
- **Stop** using the refrigerator if there is an abnormality or failure.  
(Otherwise, it may cause smoke, fire or electrical shock)  
Abnormality and failure examples
  - Power cord or plug is abnormally hot.
  - Power cord is deeply cut or deformed.
  - There is a burning smell.
  - You can feel tingling electricity.

## When using...



- **Do not** damage the cooling circuit (piping on the back).
- **Do not** touch the compressor or pipes, because of high temperature.
- **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 refrigerator.
- **Do not** let the power cord become stuck or damaged while installing the refrigerator.



- This product 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 the use of this refrigerator by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the appliance.

## When installing...



- Fix the refrigerator to avoid danger due to unbalance.
- Make sure the installation space is well ventilated.



- Make sure that the refrigerator is properly grounded before use.

Failure to comply  
may result in injury  
or accidents.



## CAUTION

### When opening/closing the doors...



- While opening the refrigerator, be careful to avoid getting other people's hands caught in the doors.
- Mind the gap between the doors. You could get your hands caught while closing the doors.



### When storing foods...



- **Do not** freeze glass bottles as this may cause injury. (When the contents freeze, the glass bottle may break and cause injury.)
- **Do not** give strong impact on the glass trays. (Otherwise, those glass trays may break and you may be injured.)



### When moving the refrigerator...



- Secure the refrigerator while transporting.
- Apply protective covering, etc. to floors with a fragile surface.

## Usage precautions

### When opening/closing the doors...

- **Do not** refrigerate items that are bigger than refrigerator trays or shelves, as the door will not close completely, causing leakage of cool air.
- **Do not** open the refrigerator doors too often or leave the doors open for a long time to prevent water dripping inside and wasting energy.
- Regularly check the door opening seal and ensure that it completely fit the refrigerator body.

### When cleaning...

- **Do not** clean the refrigerator with chemical substances/ solutions. It will damage and corrode the surface.



# Usage precautions

## When using...

- When unplugging the appliance, wait for 7 minutes before plugging it again. Otherwise, the compressor may not run.
- Adjust the temperature according to the actual operating condition for energy saving.
- If you do not stay at home for days and there is nothing needed to be refrigerated, the plug should be disconnected for energy saving.
- The external wall of the refrigerator cabinet may sometimes get warm, especially just after installation. This is normal phenomenon since the built-in heating system prevents condensation in the refrigerator.
- When humidity is high, e.g. during rainy season, condensation may appear on the surface of the refrigerator doors, especially around the door gaskets. Wipe off the condensation with a cloth.
- Condensation may appear inside the freezer; therefore, it is necessary to periodically wipe it off with a cloth.  
Clean the freezer once a month.
- **Do not** leave the doors of the refrigerator open for too long, especially in hot and 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 foods...

- **Do not** overload the refrigerator. Gap must be provided between foodstuffs to maintain the cooling effect.
- Fruits and vegetables are stored in vegetable case, where moisture helps preserve food quality for longer period of time.
- Water and beverage bottles must be tightly closed to avoid unpleasant odors.
- Liquid foodstuff should be covered with lids or cling film.
- Foodstuff such as vegetable, fruits and fresh food should be wrapped or packed in containers before storing in the refrigerator.
- You should put foodstuff such as meat or fish in the freezer if you want to store for a long period of time.



# Highlighted Features

## ■ High-end design suitable for luxury kitchens



Borderless glass surface with modern handle design.

## ■ Energy saving

- Panasonic's INVERTER technology increases energy saving and reduces noise.
- Panasonic's exclusive ECONAVI technology allows identification of changes in users' lifestyle habits, helping the refrigerator to automatically adjust to reduce energy consumption.

## ■ Compressor located on top of the refrigerator (Top Unit)

Panasonic's exclusive design moves the compressor from traditional position at the bottom of the refrigerator to the top of the refrigerator, optimizing the space inside the applicant.

## ■ Auto Ice making system



ANTI BACTERIA  
BPA FREE

- The applicant is equipped with an automatic ice making system to meet the demand for ice usage at all times.
- The 5 L large-capacity water supply tank is made of BPA-free and antibacterial material that is safe for health.
- There is a quick ice making mode.
- There is a mode to stop ice making and automatically clean the ice maker.

## ■ nanoe™ X technology and Ag Clean



Panasonic's exclusive nanoe™ X technology and Ag Clean help to deodorize and inhibit bacteria, keeping food fresh for longer.

## ■ Adjustable slide glass tray

The adjustable slide glass tray in the fridge room allows flexible adjustment of food storage capacity.

# Highlighted Features

## ■ Prime Fresh room and Prime Fresh+



- Standard prime fresh  $-3\text{ }^{\circ}\text{C}^*$ , store fish meat fresh up to 7 days.
- Save time, cook right away without defrosting, with Prime Fresh+ reaches  $-3\text{ }^{\circ}\text{C}$  4 times faster.
- Prime Fresh room is easy to disassemble for cleaning and storage food to avoid odor and contamination cross bacteria.

- The temperature can be changed from  $4\text{ }^{\circ}\text{C}$  to  $-5\text{ }^{\circ}\text{C}^{**}$  depending on the using demands:
  - At  $-3\text{ }^{\circ}\text{C}$ : standard temperature level
  - At  $4\text{ }^{\circ}\text{C} \sim 0\text{ }^{\circ}\text{C}$ : temperature level like the freezer room, optionally change when you want more space for food preservation in the fridge room.

\* The default factory setting temperature is  $-3\text{ }^{\circ}\text{C}$ .

\*\* When the Prime Fresh room is full, when storing large chunks of food or depending on storage conditions and surroundings, cooling performance may be increased. Then you should install the lowest temperature is  $-5\text{ }^{\circ}\text{C}$ .

## ■ Prime Freeze case



- Freeze fresh or prepared food quickly according to each mode, while keeping their delicious and fresh tastes.
- Prime Freeze case includes the following modes:
  - Cool Down in 3 minutes and 5 minutes
  - Quick Cooling in 10 minutes and 15 minutes
  - Rapid Freezing in 45 minutes and 60 minutes.

It is possible to select different Prime Freeze modes depending on the purpose of food processing and the type of food.

## ■ Prime Freeze case



- Allows to get cold water without opening the refrigerator door.
- The 3 L large-capacity water tank is made of BPA-free, antibacterial material that is safe for health.

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Ø BPA FREE

## ■ Fresh Safe vegetable case



The large-capacity vegetable case is equipped with a moisture-control filter, which keeps vegetables fresh for longer.

## ■ Quick Freezing

Quick Freezing makes the temperature in the refrigerator cool down quickly, so as to retain the foodstuffs original flavor.

## ■ Convenient control screen



- It is possible to adjust the temperature and modes of the fridge room, the Prime Fresh room, the freezer room and the Prime Freeze case according to the user's intended purpose.
- The fridge room and the freezer have a reminder to close the refrigerator.
- The LED display and control panel appear clearly and easy to use.

# Installation

## The distance requested for installation

- 5 cm ↑ • The top of the refrigerator is at least 5 cm from the ceiling.

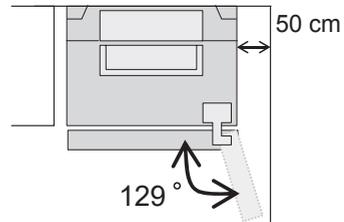


- 5 cm ↔ • The left and right sides of the refrigerator are at least 5 cm from the walls.

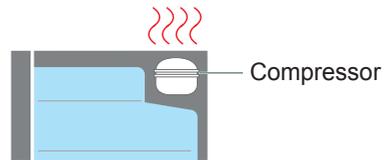
- The back of the refrigerator is at least 5 cm from the wall.

## 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 door 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 can interfere with the compressor's heat dissipation, causing deformation or damages to its components.



- When using for the first time: clean the inside of the refrigerator.
  - Use a soft damp cloth to clean the refrigerator.
  - Rinse the water tank, water filter and ice tray with water.
  - When using for the first time, you can smell the plastic. If you are concerned, 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, causing the refrigerator to work less efficiently.
- **Do not** locate the refrigerator near heat sources such as a 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 lamps and ground connection

- The refrigerator LED lamps are specially designed for this refrigerator, do not replace them by yourself. If you need replacement, please contact Panasonic Service Center.
- If there is no grounding wiring plug in refrigerator, it should be connected with grounding connection to prevent electrical hazard from electric leakage.

## Moving or shifting

- ① Remove ice trays, water and ice in the tank.
- ② Unplug the appliance.
- ③ Adjust the adjustable legs (left and right) so that the legs do not touch the floor.
- ④ Empty the water tray at the back of the refrigerator. Place a container behind the tray at the back of the refrigerator, then tilt the refrigerator backward to drain water from the tray. 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 grabbing the refrigerator door.

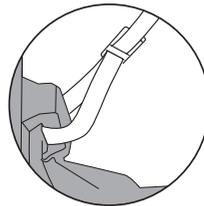


## Caution

- When transporting, use straps to secure the refrigerator door and avoid letting the door 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.

**Have any measures taken against tipping due to earthquakes?**

In order to prevent the refrigerator from tipping due to earthquakes, secure the straps to the hooks at the back of the refrigerator.



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

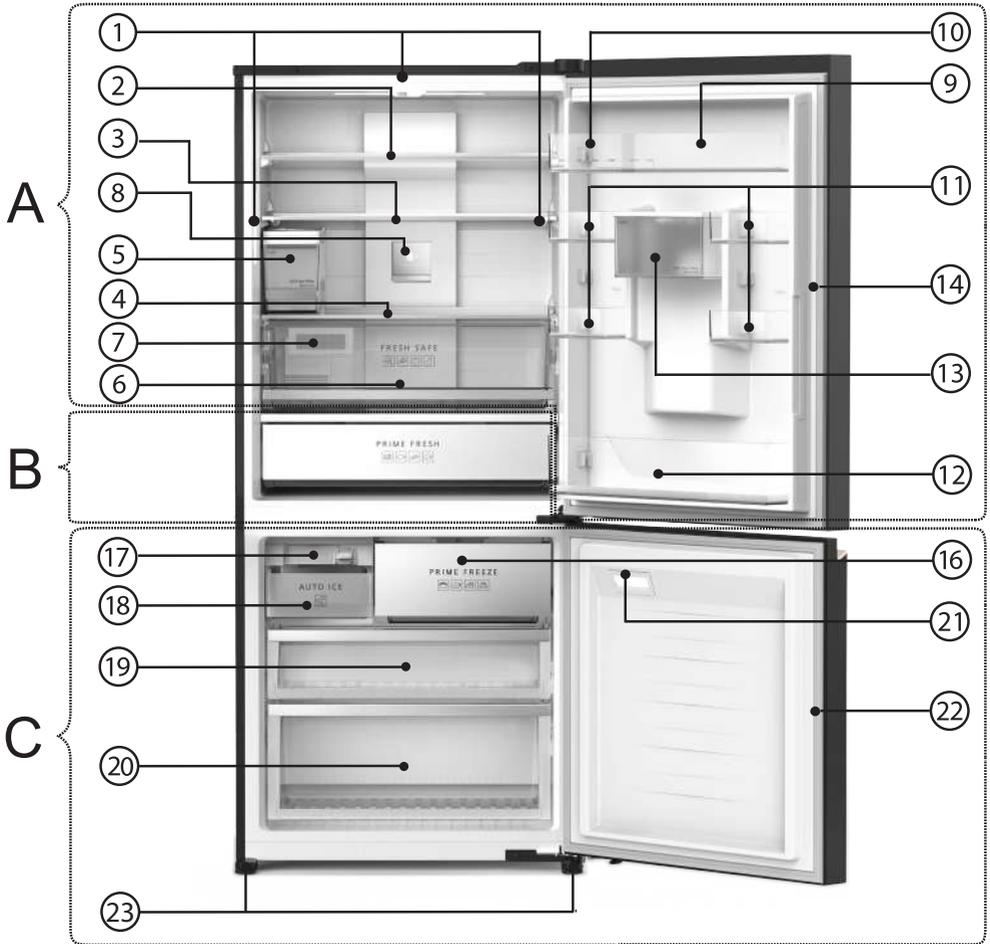
The doors should not be opened until interior has been cooled down sufficiently. (Warm air flowing into the interior will block the cooling function of the refrigerator.)

**Please wait until the interior has cooled down.**

- It may take approximately 4 hours to cool down the interior.
- It may take 24 hours or more to cool down the interior and achieve equilibrium in the summer.



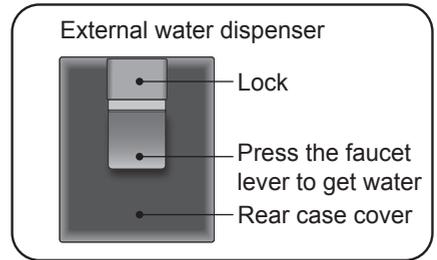
# Parts identification



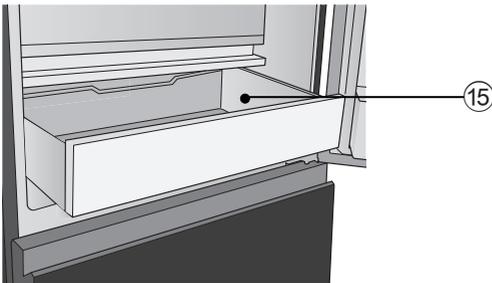
# Parts identification

## A-Fridge room

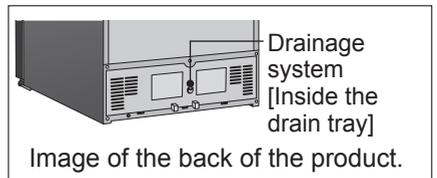
- ① LED of fridge room (Quantity: 03)
- ② PC Glass trays
- ③ Slide glass tray
- ④ Glass tray Crisper
- ⑤ Water tank of Auto Ice maker
- ⑥ Vegetable case
- ⑦ Humidifier for vegetable case
- ⑧ nanoe™ X
- ⑨ Large door shelf
- ⑩ Egg shelf
- ⑪ Small door shelf (Quantity: 04)
- ⑫ Bottle shelf
- ⑬ Water tank of Water Dispenser
- ⑭ PC Gasket Door



## B-Prime Fresh room



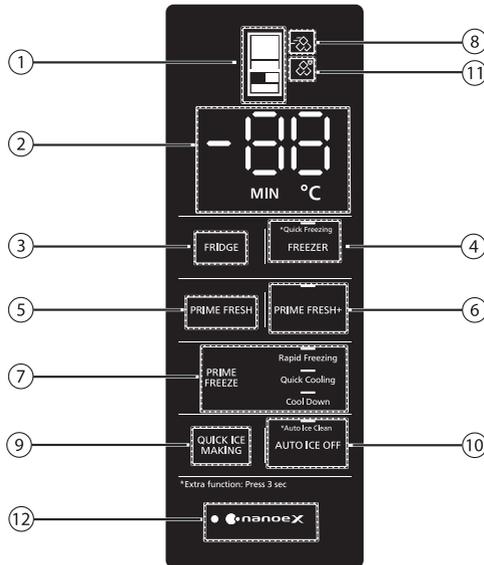
- ⑮ Prime Fresh case



## C-Freezer room

- ⑯ Auto Ice maker
- ⑰ Ice box
- ⑱ Prime Freeze case
- ⑲ Upper Freezer case
- ⑳ Lower Freezer case
- ㉑ LED of Freezer room
- ㉒ FC Gasket Door
- ㉓ Adjuster bolts

# Control panel interface and modes



- 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 room, Freezer room, Prime Fresh room and the time for modes of the Prime Freeze.
- ③ Temperature control button of fridge room.
- ④ Control button of freeze room, 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 Control button of Quick Ice Making mode.
- ⑨ LED of Quick Ice Making mode.
- 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.

## Caution

- On the control 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 control panel light will turn off. When you press the buttons or the refrigerator door is opened, the control panel light will turn on.
- 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. Therefore, it is necessary to reduce doors opening times.
- When first plugged in, the control 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 control panel can be adjusted normally.

# Temperature Control

- The first temperature setting for Fridge room is 4 °C, Prime Fresh room is -3 °C and Freezer room is -20 °C. The temperature setting for each compartment can be adjusted.
- The temperature setting range of the fridge room is 7 °C ~ 1 °C, of the Prime Fresh room is -5 °C (the temperature for soft freezing is -3 °C, and the temperature to use the Prime Fresh room as the Fridge room is 4 °C ~ 0 °C), of the freezer room 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 be slightly different.

## ■ Temperature setting instructions

### 1. Display the current temperature

Press the following icons to display the current temperature of these compartments: Fridge room, Prime Fresh room, and Freezer room. When a compartment is selected, its LED which indicates position and its LED which indicates temperature will light on.

Icon	Compartment	LED indicates position of the compartment	LED indicates temperature of the compartment
FRIDGE	Fridge room		4 °C
PRIME FRESH	Prime Fresh room		-3 °C
FREEZER	Freezer room		-20 °C

### 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 or decrease 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 control panel will save the setting and return to stand by mode.

## ECONAVI operation

The refrigerator detects the opening/closing motion of the refrigerator door and the light around the refrigerator to automatically adjust its operation 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 maximise energy efficiency.
- The refrigerator learns your family's lifestyle patterns from the previous 3 weeks and uses that data from the 4th week onwards.

### ■ ECONAVI operation setting

- ECONAVI operation is enabled automatically when the temperature control for both the fridge room and the freezer room is set to 4 °C and -20 °C, respectively.
- ECONAVI operation does not operate if the "Quick Freezing", "Prime Fresh+", "Prime Freeze" or "Quick Ice Making" mode is in operation.
- It is not possible to force to start of the ECONAVI mode.

### Caution

\*1 The effectiveness of ECONAVI operation varies depending on the ambient temperature and brightness, the number of door opening/closing, and the state in which food is stored.

## nanoe™ X mode

- 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 too little vegetable or tuber).
- The nanoe™ X device may cause a small sound during operation.
- After a long time closing, when open the doors of the fridge, it is possible to sense the typical odor of ozone generated during operation, this is a normal phenomenon.

# Quick Freezing

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

## ■ 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 again for 3 seconds until the light turns off.

## Caution

- 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 room 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 room can reduce the temperature quickly for better food preservation.

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



Light is on: Prime Fresh+ is operated.  
Light is off: Prime Fresh+ is not operated.

- 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+ mode immediately, press the “Prime Fresh+” icon until the light turns off.

## Caution

- “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 LED of [Prime Fresh+] (Prime Fresh+ room) turns off.)
- The flashing of [Prime Fresh+] LED 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 room will return to its previous setting when “Prime Fresh+” ends.
- The following modes will be stopped when Prime Fresh+ is turned on: Quick Freezing; Quick Ice Making; Prime Freeze.
- “Prime Fresh+” will not start when the temperature of the Prime Fresh room is being set at 4 °C ~ 0 °C.

# Prime Freeze

Prime Freeze is a separate room located inside the Freezer room. 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 food in a variety of way and save time.

## ■ How to operate Prime Freeze

- ① Press the icon of the Prime Freeze compartment on the control 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 of 3 modes	LED indicates of operating time
<b>PRIME FREEZE</b>	Prime Freeze room		<ul style="list-style-type: none"> <li>— Rapid Freezing</li> <li>— Quick Cooling</li> <li>— Cool Down</li> </ul>	 <b>MIN</b>

(\*) 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 of 3 modes will turn off.

(\*\*) For LED indicates of 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 of 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 control panel will save the setting and return to stand by mode.

- ④ End mode

After the setting time of a mode running out, the control 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 control panel or when the Freezer room 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 case

Mode name	Display	Purpose of food processing	Mode (Unit: Minute)	Recommended type of food	Remark
Cool Down		Cooling down quickly the warm/hot food	03	<ul style="list-style-type: none"> <li>• Rice (150 g)</li> <li>• Potato salad (150 g)</li> </ul>	<ul style="list-style-type: none"> <li>- Do not cover the box with lid or cling film to ensure the effectiveness of Cool Down. If you are concerned about the smell of your food, you can use a lid or cling film to cover it, but the food may not be cold enough.</li> <li>- 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.</li> <li>- Quick Cooling can be used to cooling down over 200 ml of formula milk within 10 minutes.</li> <li>- 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.</li> </ul>
			05	<ul style="list-style-type: none"> <li>• Rice (300 g)</li> <li>• Potato salad (300 g)</li> <li>• Formula milk (100 ml)</li> <li>• Soup (150 ml)</li> </ul>	
Quick Cooling		Cooling food quickly to save time for preparing food and desserts.	10	<ul style="list-style-type: none"> <li>• Curry (200 g)</li> <li>• Fish (100 g)</li> <li>• Pudding (2 pieces)</li> <li>• Jelly (2 pieces)</li> </ul>	<ul style="list-style-type: none"> <li>- 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 seasonings penetrate in the ingredients during cooling process.</li> <li>- For raw meat, fish, and shrimp that can be difficult to slice/cut, when being placed in quick cooling mode, the slicing/cutting will be easier.</li> <li>- Use aluminum or metal cups for jelly or desserts. With ceramic or porcelain containers, food may not be cold enough.</li> <li>- This mode can be used to cool beverages quickly.</li> </ul>
			15	<ul style="list-style-type: none"> <li>• Curry (400 g)</li> <li>• Chicken drumstick (250 g)</li> <li>• Pudding or Flan (4 pieces)</li> <li>• Jelly or cakes made from gelatine (4 pieces)</li> </ul>	
Rapid Freezing		Freezing rapidly prepared dishes to ensure the preservation of prepared foods and save time for every day cooking.	45	<ul style="list-style-type: none"> <li>• Beef (150 g)</li> <li>• Steamed vegetables (1 bunch of broccoli)</li> <li>• Vegetables (250 g of sliced cabbage)</li> <li>• Fried chicken (250 g for 2 people)</li> <li>• Fruit ice cream (300 ml)</li> <li>• Bread (2 slices)</li> </ul>	<ul style="list-style-type: none"> <li>- Cover fresh food and steamed vegetables with cling film, freezer bags or cover with tight lids.</li> <li>- Fried foods (e.g. fried chicken, fried shrimp/squid, spring rolls, lumpia,...) should be placed onto an aluminum tray or wrapped in aluminum foil, and use "Rapid Freezing". After freezing the food, put them into freezer bags or containers for storage.</li> <li>- This mode can be used to freeze some fruits such as strawberries, lychees, berries,... for long-term preservation.</li> </ul>
			60	<ul style="list-style-type: none"> <li>• Jellied meat (350 g)</li> <li>• Half of a chicken (500 g)</li> <li>• Beef (250 g)</li> <li>• Cubed ice (1 tray)</li> </ul>	

# Prime Freeze case

## Caution

- Always place food on the aluminum heat transfer plate for the best cooling performance.
- When hot or wet food is placed on the aluminum heat transfer plate without a lid or cling film, the surface of the food may solidify or frost may build up inside the freezer compartment. If you feel concerned, use lids or cling film.
- Food 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 food higher than the height of the Prime Freeze case to avoid the risk that the room door does not close completely, causing frost and damaging food and food containers in the room.
- Do not touch the metal storage container directly with wet hands, as there is a risk of frostbite.
- During the operation of Prime Freeze case:
  - ECONAVI operation will be stopped.
  - The noise from the fan will be louder.
  - The power consumption will be higher than normal.
  - If Quick Ice Making is set, Prime Freeze will be stopped.
  - The LED lamp of the Prime Freeze case will flash when the defrost system is operating and will stop flashing when the defrosting operation finishes. 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 room.
  - Small foods can be stored for easier finding.
  - The temperature in this room may be higher than the temperature in the entire freezer room. For long-term preservation, please transfer food to the freezer room.

# Quick Ice Making

When setting Quick Ice Making, the Auto Ice maker 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.

## Caution

- 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

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.

## Caution

- 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 auto ice cleaning process, the refrigerator will have a notification sound.

## Caution

- Cannot stop/deactivate the operation of Auto Ice Clean mode when it is in processing.
- For details on the cleaning operation of Auto Ice maker, please refer to Page 26.

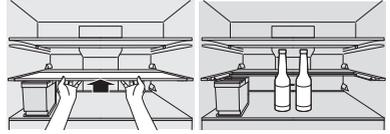
# Fridge room

The temperature range of the fridge room is 1 °C ~ 7 °C

If the temperature of the Fridge room is set to 1 °C during a long period of time, your food may be frozen.

## How to use slide glass tray

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



## Vegetable case

Large vegetable case is equipped with guide rail system with maximum opening angle, making it easy to get food located deep inside the case and increasing its load-bearing capacity, allowing the user to gently pull the case out with just one hand. The moisture control filter helps control the humidity inside the vegetable case, help the vegetables retain moisture and stay fresh.

### Caution

- Due to high humidity, water drops may appear on the walls of the vegetable case. If water or water drops stay on the walls, wipe it off with a soft cloth.
- Do not allow food to exceed the height of the case, as there is a risk that the door will not close completely, causing frost and damaging vegetables and fruits.

## User manual for the external water dispenser

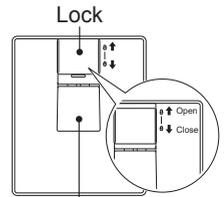
With the external water dispenser, you can get cold water without opening the refrigerator door.

### ■ How to dispense refrigerator water

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

### Caution

- 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 external water dispenser, pull the lock downward until it touches the bottom edge and the red line is visible. If it is not necessary to lock the external water dispenser, skip this step.



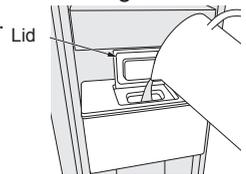
Press the faucet lever to get water

### ■ How to use water tank

- ① Open the lid and pour water into the tank.
- ② Close the lid tightly and close the refrigerator door to start cooling.

### Caution

- When using for the first time, it is necessary to clean the water tank first.
- Do not pour hot water above 50 °C into the water tank.
- The tank can contain up to 3 liters of water. Do not pour water above the 3 L line on the tank.
- Only pour drinking water into the water tank; do not use beer, soft drinks, carbonated beverages, etc.
- Make sure the correct placement of the water tank when using the refrigerator. Otherwise, it will affect the cooling performance and cause condensation outside the refrigerator door.
- Check the water tank before use.
- The solid content of water must be 100 mg/L or less. Minerals may appear as a white supernatant. Minerals are not harmful.



## Tips for food preservation

### ■ Do not stuff too many items

When there are too many items and there is no space to circulate cool air inside the refrigerator, the cooling operation will be affected. Make space between different types of foods!

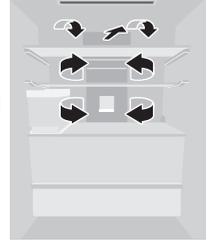


Using waste-free cool air inside the refrigerator is the key to keeping food fresher for longer!

### ■ Do not leave items blocking the air circulation inside the refrigerator

If the cool air does not spread, it will be difficult for the inside of the refrigerator to cool down and take more electricity to cool. Therefore, food should not block the air vents\* and obstruct the air circulation inside the refrigerator.

\*The air vents are located above the air guide inside the fridge room.



## Prime Fresh room

The temperature in the Prime Fresh room can be selected at different level:

- The temperature for food to be standard prime fresh is  $-3^{\circ}\text{C}$ .
- The temperature to use the Prime Fresh room as the fridge room is  $4^{\circ}\text{C} \sim 0^{\circ}\text{C}$ .

When using the refrigerator, the temperature can be adjusted according to usage of rooms.

\*The factory default setting of temperature is  $-3^{\circ}\text{C}$ .

### Use of Prime Fresh room

Approx.  $-1^{\circ}\text{C} \sim -5^{\circ}\text{C}$

- This room is suitable for storing fresh food, such as meat or fish. Compared to storing in the Fridge room, 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  $-3^{\circ}\text{C}$  to prevent food from over frozen.
- When food is not partially-frozen.  
Depending on the type of food, such as a 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, at  $-5^{\circ}\text{C}$ .
- Do not stuff too many items. When there are too many items and there is no space to circulate cool air inside the refrigerator, the cooling operation will be affected. Make space between different types of foods!
- When storing food in large quantities, e.g. a chunk of meat, a large fish or a chicken, it is advisable to place the food in the center of the Prime Fresh room to optimize the cooling performance.
- When the temperature of the Prime Fresh room is at  $4^{\circ}\text{C} \sim 0^{\circ}\text{C}$ , Prime Fresh+ will not operate in order to prevent food spoilage.
- Do not leave items blocking the air circulation inside the Prime Fresh room.

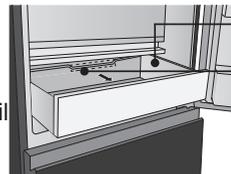


### Easy to cut.

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



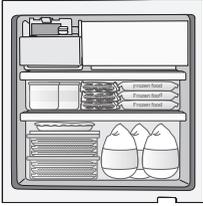
If the cool air does not spread, it will be difficult for the inside of the Prime Fresh room to cool down and may spoil your food. Therefore, food should not be placed too high, in front of the air inlet (above the Prime Fresh case) and obstruct the air circulation inside the room.



Prime Fresh case  
Cooling air guide

# Freezer room

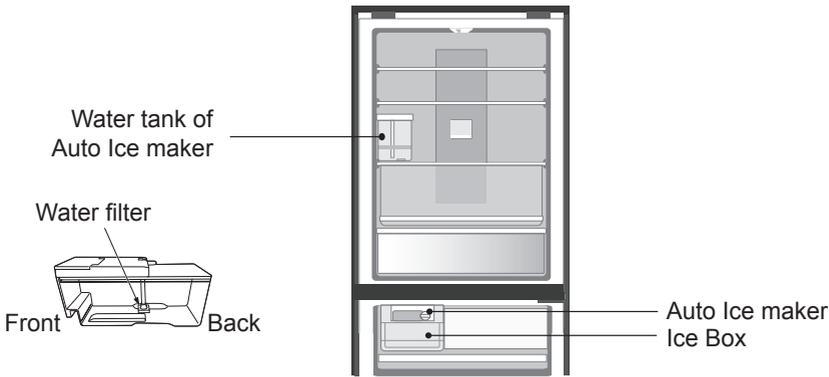
Frozen or refrigerated foods are stored for a long time by using the Prime Freeze case. The temperature range of the freezer room is  $-23\text{ }^{\circ}\text{C}$  to  $-15\text{ }^{\circ}\text{C}$ .



## Three tips for freezing food and locking in the flavor

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

# Automatic ice making



## For easy usage of the Auto Ice maker



Please use only drinking water when making ice automatically.



Do not pour the following liquids into the water supply tank. (These liquids may damage the automatic ice maker).

The solid content of water must be 100 mg/L or less.



Drinking water



Juice, v.v.



Sports drinks



Carbonated beverages



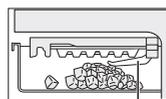
Hot water

### Tips

- The solid content of water must be 100 mg/L or less. Minerals may appear as a white supernatant. These minerals are not harmful.
- When using the automatic ice maker for the first time, odors or dust may stick on the ice maker, etc. Please discard the first box of ice.
- Remember to regularly use the Auto Clean function of the Auto Ice maker. (Page 21)

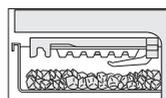
### Caution

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



Ice detection lever

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



Distribute the ice cubes evenly inside the icebox to create more ice.

### Caution

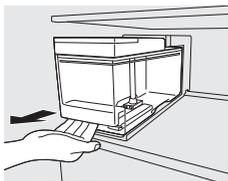
- Do not pour water directly into the icebox to make ice. (Otherwise, the icebox may break).
- Do not pour food or other things into the icebox. (Otherwise, it is impossible to detect the correct amount of ice, and the automatic ice maker may stop working, or the icebox may not be removed).

### The ice making time will be longer in the following cases.

- The first time using the refrigerator. (It will take at least 24 hours since the automatic ice making function only starts after the inside of the refrigerator is cool enough).
- When the refrigerator door is frequently opened.
- When the refrigerator door is slightly open.
- When the refrigerator is too full.
- When the room temperature is low during winter or high during summer.
- When an electrical fault occurs.

### How to use water tank of automatic ice maker\*

- ① Take the water supply tank out.



Pull out the water supply tank until it is blocked. Fill in water when the water level is under “Min” (Minimum) line.

- ② Fill with water.



Open the lid and fill the water supply tank with water, then put the lid back in place.

- ③ Install the water supply tank.



Confirm the direction of the water supply tank and install until the tank touch the end of ice box holder. (If the water tank does not touch the end of ice box holder, the ice maker could not operate)

\*Ice could be made for about 2 hours, provided that the temperature in the fridge room is 4 °C, that in the Prime Fresh room is -3 °C, and that in the freezer room is -20 °C.

### How to make ice quickly

- In the “Quick Ice Making” mode, the ice making speed will increase. Ice cubes can be made in at least 90 minutes\*.

### Caution

- After about 6 hours, the refrigerator will automatically return to normal automatic ice making mode.
- When the refrigerator is in defrost mode, the LED light of [Quick Ice Making] will flash. Quick Ice Making will restart automatically after the defrosting operation is finished.
- In Quick Ice Making, the consumed energy will increase higher than normal.
- ECONAVI operation does not work during the setting of “Quick Ice Making”.

\* The room temperature is 20 °C, the temperature of the fridge room, the Prime Fresh room, and the freezer room are 4 °C, -3 °C, and -20 °C, respectively.

## How to clean the Automatic Ice Maker

When using for the first time or when not being used after a long time, the water tank may smell unpleasantly or collect dust. Remember to clean the water tank before proceeding to clean the ice maker.

After selecting the ice maker cleaning 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 there is enough water in the water tank.

- ① Pull out the icebox under the freezer, remove all ice cubes from the icebox (after the ice cubes are fully formed), and then install the icebox back in place.
- ② Fill the water tank with water.
- ③ Select the ice maker cleaning mode (Page 21).
  - At the same time, the refrigerator will emit an intermittent sound 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 ice maker cleaning mode on the control panel will turn off, the ice maker cleaning process will end and start the automatic ice making process.
- ④ Pull out the icebox from the freezer, pour the water in the icebox and wipe the water off the icebox.  
If you do not clean all water on the icebox, the icebox may be broken.

## How to turn off Automatic Ice Maker

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

### ■ Turn off ice maker

- ① Choose Auto Ice Off mode, the icon of the Auto Ice Off mode on the control panel will light up and the refrigerator will stop making ice (Page 21).
- ② No need to pour water in the water tank. The remaining water inside the water tank will be enough to keep making ice, and ice cubes will be available after 2 hours. When the icebox is full, the next cycle will not take place.
- ③ 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 control panel will turn off (Page 21).

### ■ Turn off ice maker for a long period of time

- ① Empty the water tank and remove all ice cubes from the icebox.
- ② Clean the water tank, water filter, soundproof pad and icebox; dry these accessories and put them back in place.
- ③ When using again, please refill the water tank and put it back to its original position.

### ■ When transporting the refrigerator

- ① Empty the water tank and remove all ice cubes from the icebox.
- ② Choose Auto Ice Clean mode, the icon of the Auto Ice Clean mode on the control panel will light up 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 icebox)
- ③ The cleaning process will stop after 2 minutes. Pull out the slide-out tray under the freezer, take out the icebox and empty the ice cubes and water in the icebox.
- ④ Clean the water tank, water filter and icebox; dry these accessories and put them back in place.

# 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.



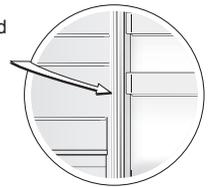
## Clean the detachable items occasionally.

Clean the ice tray once a week. As directed, remove the trays, door shelves, etc., and wash them by immersing them in lukewarm water every 3 months.

## Clean the door gasket at least once a month.

Clean by gently wiping. Apply lubricant to the door gasket on the hinge side of the appliance to reduce friction with the refrigerator body. Be careful not to wipe off the lubricant.

Lubricated position



## Notices

The door gasket can be replaced by an authorised service agent. The door gasket may come off the mounting groove while cleaning. It can be pushed back into the groove.

## Caution

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



Kitchen detergents  
(They crack plastic!)

Alkaline or weak Alkaline



Cleanser or soap powder



Gasoline, thinner, alcohol, acid, petroleum



Scrubber



Hot water

# How to clean the refrigerator

## Egg shelf / Bottle shelf

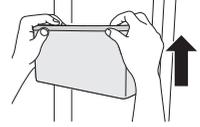
Once every 3 months

### ■ Remove shelf

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

### ■ Install shelf

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

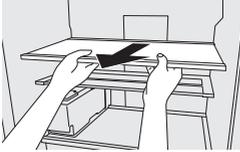


## Tray

Once every 3 months

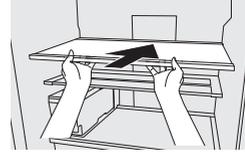
### ■ Remove tray

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



### ■ Install tray

- ② Push the tray until it reaches the end lock.



## Notices

- For easy removal of the glass trays, the egg tray shelf/bottle shelves on the refrigerator doors need to be removed before removing the glass trays in the fridge room.
- The glass tray above the 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 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.

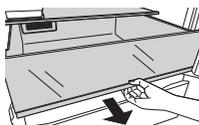
## Vegetable case / Freezer case

Once every 3 months

### ※ Vegetable case

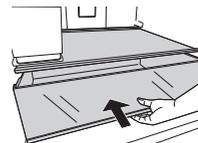
#### ■ Remove case

- ① Fully open the fridge room door.
- ② Pull the case forward until it reaches the end and gently lift the front of the case to remove it completely.



#### ■ Install case

- ① Fully open the fridge room door.
- ② Gently lift the case and push forward until it reaches the end.



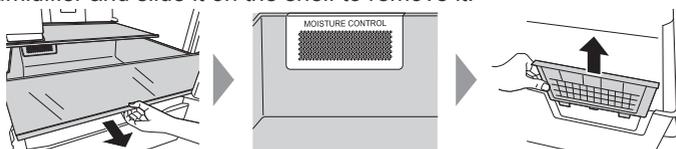
### ※ Freezer case

Remove and install the case in steps similar to those of the Vegetable case.

## Humidifier of vegetable case

Once every 3 months

- ① After pulling out the vegetable case, the humidifier is located at the back of the vegetable case.
- ② Grab the humidifier and slide it on the shelf to remove it.



### Notices

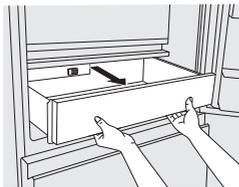
- After rinsing with water, wipe it or let it dry.
- For tough stains, dilute (neutral) kitchen detergent, and gently wash with a soft toothbrush, then rinse thoroughly with water.

## Prime Fresh case

Once every 3 months

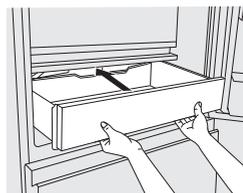
### ■ Remove case

- ① Pull the Prime Fresh room door all the way out.
- ② Gently lift the front of the Prime Fresh case and remove it diagonally.



### ■ Install case

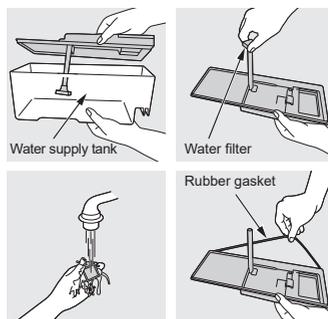
- ① Pull the Prime Fresh room door all the way out.
- ② Gently place the Prime Fresh case diagonally back to its original position, until it reaches the end.



## Water supply tank / Water filter (of the automatic ice maker)

Weekly

- ① Open the lid and rinse the water supply tank with water.
- ② Rotate the water filter to remove the hook and remove the water filter.
- ③ Gently clean the water filter in water.
- ④ Remove the rubber opening seal on the hinge side of the refrigerator and wash it with water
- ⑤ Install the water filter and rubber opening seal in place.



### Notices

- If there is water deposits or pipe blockages in the water filter, ice may not be made properly.

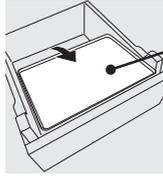
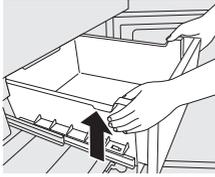
# How to clean the refrigerator

## Prime Freeze case

Once every 3 months

### ■ Remove case

- ① Pull the Prime Freeze case all the way out.
- 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)

### ■ Install case

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

### Notices

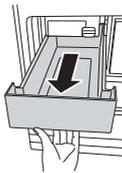
- The aluminum heat transfer plate can be removed; however, remember not to grab it with wet hands when the aluminum plate is cold, as there may be a risk of frostbite.
- When removing or installing the case, be sure to grasp the tray handle with your outstretched hand. Otherwise, the compartment door may accidentally hit your finger. Please refer to the illustration above.
- If washing with 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 consult the Service Center.

## Icebox

Once every 3 months

### ■ Remove case

Lift and pull the icebox forward until it is completely removed.

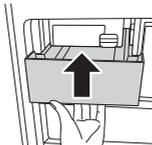


### Remark

- Choose to stop the automatic ice making function before cleaning the icebox (Page 21).

### ■ Install case

Push the icebox until it reaches the end of ice box holder.

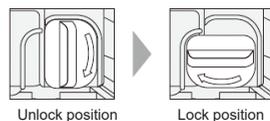
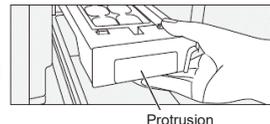
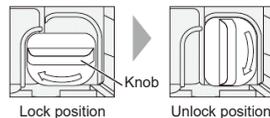


The ice tray can be cleaned by using the Auto Ice Clean function (Page 21). In addition, the ice tray can be removed and cleaned manually.

How to clean the Ice tray manually.

### ■ Remove and clean the Ice tray

- ① Choose the Auto Ice Off mode (Page 21).
- 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 Rinse with water. (Do not use sharp scouring pads to scrub the surface of the tray. If the ice tray has scratches, the ice will not be dropped properly, resulting in damage to the ice tray.)



### Notices

- The ice tray and the frame are inseparable.
- Do not clean with dishwashers or dish drying rack.

### ■ Install Ice tray

- ① Push the Ice tray in until you hear a “click”.
- ② Turn the handle into the locked position. Ice cannot be made if the Ice tray is not locked.
- ③ Disable the “Auto Ice Off” mode (Page 21) to restart the ice making process.

### Notices

- 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. (Ice cubes may stick together or cause damage to the Ice tray.)

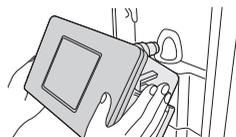
### ■ Remove tank

Pull up the water tank with both hands and tilt it slightly towards you.

### ■ Install tank

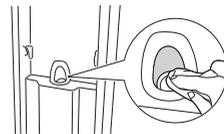
Insert the tip of the valve into the hole. Place both left and right edges of the water tank in the locked position.

Push the water tank all the way down until it reaches the end point.



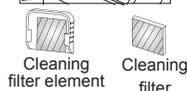
### Notices

- When removing the water tank for cleaning, if the rubber pad is inserted reversely due to friction with the faucet, use your hand to push the pad in the opposite direction from the original position.
- The valve in the water tank can be removed by turning it counterclockwise.



### ■ Replace filter

- ① Use your hand to open the lid in the right corner.
  - ② Lift the filter straight out of the lock.
- Replace with a new filter. Put the filter back to its original position and close the lid tightly.



### Notices

- Filters should be replaced every 3 years or when appropriate.
- You can contact Panasonic Service Centers nationwide to purchase a new cleaning filter.

# 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 in the house.
- Check by unplugging and waiting for 7 minutes before plugging it back in.

**The refrigerator is not cool enough.**

- Check to ensure that the LED lamps are displayed at proper positions on the control panel.
- 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, snow 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, snow may form inside the freezer room at the location of the freezer room case, icebox 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.
- The cracking sound is caused by the thermal expansion of the internal components, which is normal.
- After installation, the refrigerator may make loud noise. The noise will reduce 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 sound becomes more quiet after cooling fully.

Lamp does not turn on.

- Please contact Panasonic service center.

Automatic ice making.

The refrigerator does not make ice.

- If the water in the tank does not decrease after a while, the ice maker is not working.
- 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 "Automatic ice maker shutdown" (Auto Ice Off) mode is set. (Page 21)
- Be sure to fully push the water tank and ice tray into place.
- Do not leave food in the ice maker.
- Do not install or remove the ice tray frequently.
- Check if the water tank is almost empty.
- If water spills on the freezer, clean it up.
- Please contact Panasonic service center.

The ice does not form any ice cube

- Is the temperature of the freezer set to a higher temperature than -20 °C along with the temperature of the freezer room?  
→ Adjust to a lower temperature. (Page 15)

Unusual shape of ice cubes.

- There are protrusions. → The grooves of the ice tray may be frozen.
- The ice cubes come in a round shape or stick with other ice cubes.  
→ Ice has been stored for a long time. (The ice cubes become round or sticky due to sublimation.)
- Small ice cubes. → Small ice cubes are made when there is no water left in the tank.

# Troubleshooting

The control panel flashes.

- Are you adjusting the temperature of your refrigerator or freezer?  
→ Flashes during installation. Please complete the setting or the control 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 room and/or -3 °C for the Prime Fresh room?  
→ Adjust to a higher temperature.
- Do you put food in Prime Fresh room?

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

- Are “Quick Freezing”, Prime Fresh+ room , Quick Ice Making, Prime Freeze case in active? (Page 17)
- When the temperature is not set at 4 °C for the fridge room and -20 °C for the freezer room, 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 outage?  
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 stains or scratches on control 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.

The ECONAVI light does not come on normally.

# 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. (The cooling performance of the Prime Freeze case is rated with two stars.) (Page 18)
- 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 18)

**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 Quick Ice Making, Quick Cooling, Prime Fresh+ are set during the operation of Prime Freeze, Prime Freeze will be stopped.

**Error display on control panel.**

- U10: Warning if door is open too long.  
→ Check that the compartment doors are closed properly.
- H01: FCC sensor is tripped/short circuited.
- H02: PCC sensor is tripped/short circuited.
- H03: PFC sensor is tripped/short circuited.
- H05: DFC sensor is tripped/short circuited.
- H07: ATC sensor is tripped/short circuited.
- H21: Turn off the automatic ice maker.
- H43: The WE fan motor is broken or stuck.
- H29: The FC fan motor is broken or stuck.
- H31: Abnormal defrosting light of the freezer room.
- H41: Protect the refrigerator in case of low voltage.
- H50: Abnormal communication.
- H35: Refrigerant leak (high-pressure leak).  
→ Please contact the Service Center for support.

# Specifications

Model No.		NR-BW530X
Freezer Star Rating		
Capacity (L) (IEC62552:2007)	Total	500
	Freezer	186
	Fridge, Prime Fresh	314
Outside Dimensions Width x Depth x Height (mm)		750 x 750 x 1730
Net Weight (kg)		89
Refrigerant Type		R600a
Refrigeration System		Non-frost cooling
Rated Voltage (V) Rated Frequency (Hz)		Refer to the rating label attached inside the refrigerator.

Panasonic Corporation

Website: <http://www.panasonic.com>

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**INVERTER**

**Panasonic®**



# 操作說明

## 雪櫃

家用型

型號: **NR-BW530X**

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### ■ NON-CFC

本機的製冷劑 (異丁烷(R600a)) 和隔熱劑 (Cyclo-Pentane) 都使用完全無氟的材料。所以使用該雪櫃不會傷害地球的臭氧層。

非常感謝您購買 Panasonic 產品。

- 使用本產品前請仔細閱讀這些說明並遵照第 2-5 頁的安全使用須知。
- 請確保保用證上的購買日期和零售商名稱蓋有印章，並將它和本操作指南一同收妥。

DBD

ARAH1E202350  
P0322-0  
越南印刷

# 安全使用須知

請確保遵循這些說明。



## 警告

這個標識表示  
[可能導致嚴重傷害或者死亡。]



這些標識表示禁止。



這個標識表示需要採取行動。



這個標誌表示雪櫃必須接地以防止電擊。



## 小心

這個標識表示  
[可能導致傷害或故障。]



iso-butane

火災危害/易燃物品

否則可能導致火災、  
燙傷、爆炸或觸電。



## 警告

### 在緊急情況下:



- 只能由專業維修工人在工作室進行維修工作。



- 勿在設備中存放易爆物品如有易燃推進劑的噴霧罐，化學藥品或科學標本。
- 請勿在雪櫃中使用除臭劑等電器。洩漏的製冷劑可能會因電觸點火花而著火併可能引起爆炸。
- 勿在雪櫃內使用電器，除非是製造商推薦的類型。



- 切勿自行嘗試拆解、維修或改裝雪櫃。  
需要維修雪櫃時，請諮詢您的零售商或授權服務中心。
- 切勿使用機械裝置或製造商建議以外的方式加速除霜過程。

### 回收產品時:



- 在將雪櫃做再生資源利用之前，請拆除所有的門上密封條，以防止孩童被關閉在裏面。
- 務必在雪櫃的使用壽命全程保存好上述警告標籤。
- 如果雪櫃被搬遷到其他地點以及被運送到回收廠，必須將使用者手冊轉交給任何可能使用或處理雪櫃的人。
- 根據當地相關法律，本雪櫃使用異丁烷作為製冷劑。  
丟棄本機時，請以適當的方法處理之，切勿以火焚化。

否則可能導致火災、  
燙傷、爆炸或觸電。



**警告**

### 適用於電源插頭和電源線:



- 切勿用濕手插拔插頭。
- 切勿讓電源線或插頭受損。



- 清潔時請拔下電源插頭。
  - 完全插入符合雪櫃額定電流及額定電壓的牆上電源插座。
  - 專為雪櫃預留一個插頭。  
請完全展開電源線，避免將過多電器連接到供雪櫃使用的同一插頭上。
  - 定期清除電源插頭上的灰塵。
  - 如果電源線損壞，必須由廠家、服務代理或相關的合格人員進行更換，以防發生危險。
  - 若您聞到一股燒焦的氣味，請斷開電源插頭，並對廚房進行通風。
  - 若出現任何異常現象或故障，請停止使用本雪櫃。異常及故障範例：
    - 電源線或插頭異常滾燙。
    - 電源線被深切或變形。
    - 聞到燒焦氣味。
    - 有麻刺感。
- 請立即聯繫您當地的經銷商進行保養/維修。

### 使用時:



- 切勿損壞製冷電路 (位於機背的管道)。
- 切勿觸摸壓縮機或管道，此區域溫度較高。
- 切勿讓孩童攀在雪櫃門上玩耍，雪櫃可能會因此翻倒壓在孩童身上。
- 不要將任何水容器放在雪櫃頂部以防止溢出來的水引起電擊或燃燒。
- 切勿在設備後部放置多個便攜式插座或便攜式電力供應。
- 保持設備外殼或內置結構中的通風口暢通無阻。



- 該雪櫃不適合身體、感官或精神能力降低或者缺乏經驗和知識的人員 (包括孩童) 使用，除非得到其安全負責人員關於使用雪櫃的監督或指示。
- 應對孩童進行監督，確保其不使用雪櫃玩耍。

### 安裝時需注意:



- 固定雪櫃以避免因不平衡而致的危險。
- 放置設備時，請確保電源線沒有被困或損壞。



- 確保雪櫃插入已接地線的電源插座。

否則可能導致燙傷或意外事故。



#### 開/關櫃門時:



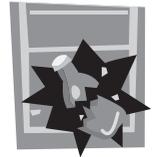
- 在打開雪櫃時，注意不要夾到手。
- 注意門的間隔。關門時可能夾住您的手。



#### 儲存食物時:



- 切勿急凍玻璃瓶，否則可能導致傷害事故發生。  
(若玻璃瓶內的液體凍結，玻璃瓶可能破裂而對您造成傷害。)
- 切勿在玻璃托架上放置較重物品或施加較大衝擊力。  
(否則，玻璃托架可能會破碎，您可能會因此而受傷。)



#### 移動雪櫃時:



- 搬運時請牢牢抓緊雪櫃。
- 表面容易受損的地面應使用防護罩等。

## 使用須知

#### 開/關櫃門時:

- 切勿冷藏比托架或托盤更大的物品，否則雪櫃門無法完全關閉，從而造成冷氣洩漏。
- 切勿頻繁打開雪櫃或打開很長一段時間，以防雪櫃內部形成水滴，因而浪費能源。
- 經常檢查櫃門密封條，它必須與雪櫃櫃身完全貼合。

#### 清潔時:

- 切勿使用化學物質或液體清理雪櫃。這些物體將會損壞和侵蝕雪櫃表面。



## 使用須知

### 使用時:

- 當拔掉插頭後，請等 7 分鐘，然後再插上。否則，壓縮機可能無法正常運作。
- 根據實際操作狀態調校溫度以節省能源。
- 若您將外出一段時間，或是雪櫃裡沒有冷藏任何物品，應拔出插頭以節約能源。注意當多日不使用冰箱時，一定要把冰箱裡剩餘的食物全部取出，清潔並打開冰箱門幾個小時，讓冰箱內的水分變乾，避免發霉和氧化冰箱的組件。
- 雪櫃外壁有時會發熱，特別是在剛剛安裝之後。這種情況屬於正常，這是由於內置的豎框乾燥機管防止雪櫃凝結水汽和散發熱能。
- 當濕度很高時（例如在雨季）在雪櫃機身外部可能有水汽，特別是在櫃門密封墊周圍。請用乾淨的布片擦掉凝結的水汽。
- 新鮮盒里面的濕氣可能會凝結成水汽，所以需要布片定期進行擦拭。每月對新鮮盒清潔一次。
- 切勿長時間打開櫃門，特別是在炎熱潮濕的天氣裡更需注意。
- 雪櫃頂部採用鋼材制成的原因之一是為了防止外部撞擊引起火災。請勿將物品放在雪櫃頂部以確保這一因素。



### 儲存食物時:

- 切勿放置過多的東西。  
食品之間必須要有間隙以保持冷卻效果。
- 將水果和蔬菜儲存在蔬菜保鮮盒中，鎖緊水份，令食物長時間保鮮。
- 應蓋緊飲水瓶，飲料瓶，以防止異味進入瓶內。
- 用緊蓋，塑料膜或箔片蓋住多汁食品。
- 將蔬菜，水果及新鮮食品等食物放進雪櫃急凍或冷藏前，應使用保鮮紙包好或放入保鮮盒中。
- 如要長時間儲存，應將肉或魚等食物放入急凍室。



# 特點

## ■ 適合豪華廚房的高端設計



無邊框玻璃表面，帶現代設計、精致到每一個細節的手柄。

## ■ 高效節能

- 採用Panasonic變頻壓縮機，耗電更少、噪音更低。
- Panasonic獨家的ECONAVI技術，有助於識別用戶生活習慣的變化，雪櫃可自動調節，節省能源消耗。

## ■ 頂部壓縮機 ( Top Unit )

Panasonic的獨家設計，將壓縮機從傳統的底部位置移至頂部，優化了內部使用空間。

## ■ 自動制冰系統 ( Auto Ice Making )



- 配備自動制冰系統，隨時滿足制冰需求。
- 5升大容量雪櫃，由無BPA抗菌材質制成，配備抗菌過濾網，對健康具有良好的安全性。
- 帶制冰功能。
- 帶停止制冰和自動清潔制冰機的功能。

ANTI BACTERIA  
Ø BPA FREE

## ■ Nanoe™ X技術和Ag Clean銀膜過濾器



Panasonic獨家的nanoe™ X技術和Ag Clean銀膜過濾器有助於除臭和中和細菌，保持食物新鮮。

## ■ 可調節滑動玻璃擱板

冷藏室內的可調節滑動玻璃擱板可以靈活調節食品儲藏室。

## ■ 獨立的保鮮室 ( Prime Fresh ) 和新的新主保鮮模式 ( Prime Fresh+ )



- 标准软冻 -3 C\* · 储存软冻鱼肉新鲜长达 7 天。
- 节省时间 · 无需解冻即可烹饪 · 采用新的冷冻模式 Prime Fresh+ 达到热量度 -3 °C 快 4 倍。
- 软质冷冻室易于拆卸清洗和存放整洁的食物避免异味 · 避免污染交叉细菌。

- 温度可根据使用需要从 4 °C 切换到 -5 °C\*\* :
- Level -3 °C : 软化的标准温度水平。
- Level 4 °C ~ 0 °C : 温度级别为隔间

\* 主保鮮室的默認溫度設置為 -3 °C 。

\*\* 取決於食物的類型 · 例如大塊肉或大魚 · 儲存條件和環境溫度 · 冷卻性能可能會受到影響 · 在這種情況下 · 主保鮮室的溫度應設置為最低溫度 -5 °C 。

## ■ 急凍室 ( Prime Freeze )



- 根據每種模式快速冷凍新鮮食物或預制食品 · 保持新鮮的味道。
- 急速冷凍模式 ( Prime Freeze )
  - 快速冷卻 ( Cool Down ) 3分鐘和5分鐘
  - 快速冷凍 ( Quick cooling ) 10分鐘和15分鐘
  - 急速冷凍 ( Rapid Freezing ) 45分鐘和60分鐘根據加工的目的和食品的種類 · 可以選擇和使用不同的模式。



## ■ 外置取水系統



- 無需打開雪櫃門即可從外部取出冷飲用水。
- 3升大容量雪櫃 · 由無BPA抗菌材質制成 · 配備抗菌過濾網 · 對健康具有良好的安全性。

ANTI BACTERIA  
Ø BPA FREE

## ■ 蔬菜保鮮室

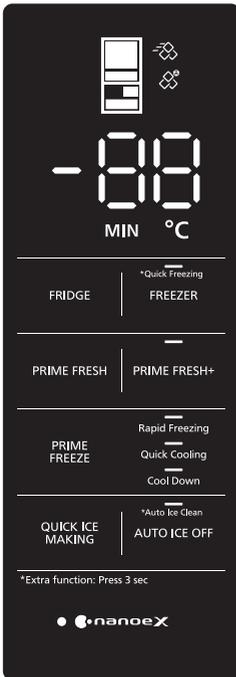


大容量蔬菜保鮮室配備保濕過濾器，讓蔬菜保持新鮮，延長保管時間。

## ■ 速凍模式 ( Quick Freezing )

速凍模式使雪櫃內的溫度迅速下降，可保持食物的原味。

## ■ 方便的控制屏幕



- 冷藏室、主保鮮室、冷凍室和急凍室都可以根據用戶的用途調節溫度及其模式。
- 冷藏室和制冰室有關閉雪櫃提醒模式。
- 控制面板清晰且易于操作。

\*Extra function: Press 3 sec

● nanoeX

# 安裝

## 安裝位置與牆壁間的距離

- 5 厘米 ↑ ● 雪櫃頂部和天花板之間必須至少留有 5 厘米的空隙。

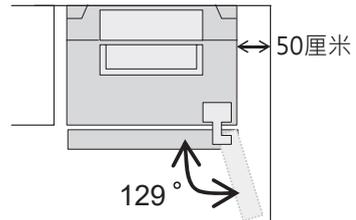


- 5 厘米 ↔ ● 雪櫃背面與牆壁之間必須至少留有 5 厘米的空隙。

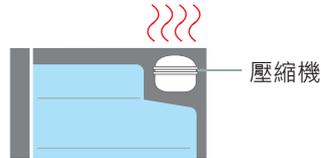
- 雪櫃側面與牆壁之間必須至少留有 5 厘米的空隙。

## 注意

- 如果雪櫃靠近牆壁安裝，必須確保雪櫃右側與牆壁之間的距離至少為 50 厘米。如果這個空間不夠 50 厘米，門可能無法完全打開，玻璃擱板、蔬菜盒等可能無法取出。



- 請勿在雪櫃頂部放置任何物品。它會干擾壓縮機的散熱，導致各部件變形或損壞。



- 第一次使用時：請清潔雪櫃內部。
  - 用柔軟的濕布擦拭。
  - 用水沖洗水箱、濾水器和冰盤。
  - 第一次開始使用時，會聞到塑料的味道。如果擔心，對整個房間進行通風換氣。
- 切勿把雪櫃放置在潮濕的地方。因為這樣容易生銹可能導致漏電。
- 切勿把雪櫃直接放置在陽光下照射。因為熱和陽光將使雪櫃溫度上升。
- 切勿將雪櫃靠近熱源，例如廚灶或烤箱。
- 切勿堵塞雪櫃四周的空隙。
- 雪櫃必須放置在空氣流通的位置。
- 如果雪櫃沒有接地插頭，須將其連接至接地端，以防止漏電的危險。

## LED 燈和接地

- 專為本雪櫃設計的雪櫃內 LED 燈，無法由個人進行更換。若您需要更換時，請聯絡‘服務中心’。
- 如果雪櫃沒有接地插頭，須將其連接至接地端以防漏電。

## 移動及搬運

- ① 取出冰盤、冰盒中的水和冰塊。
- ② 拔下插頭。
- ③ 扭轉調整腳（左右），使它不接觸地板。
- ④ 將雪櫃背面托盤的水倒掉。將一個容器放在雪櫃背面的托盤後面，然後將托盤向後傾斜，讓水從托盤中流出。操作需要4人以上，其中2人擡起雪櫃前面，避免雪櫃滑動造成受傷。



### ※移動和搬運方法

- 至少需要4人搬運。
- 每個人擡起雪櫃的一角。
- 搬運雪櫃時，請勿抓著雪櫃門。

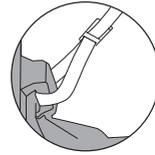
### 注意

- 搬運時，用綁帶固定雪櫃門，避免雪櫃門自行打開。
- 搬運時，請勿將雪櫃側放，這可能會損壞雪櫃。
- 安裝完成後，至少等待4小時後再接通電源，以確保壓縮機內的氣體和油液處於穩定狀態。



**是否已採取措施預防地震時出現傾側?**

為避免雪櫃傾側，請使用固定帶等物件將其永久固定。



**在雪櫃內部冷卻期間，請勿打開/關閉雪櫃門。**

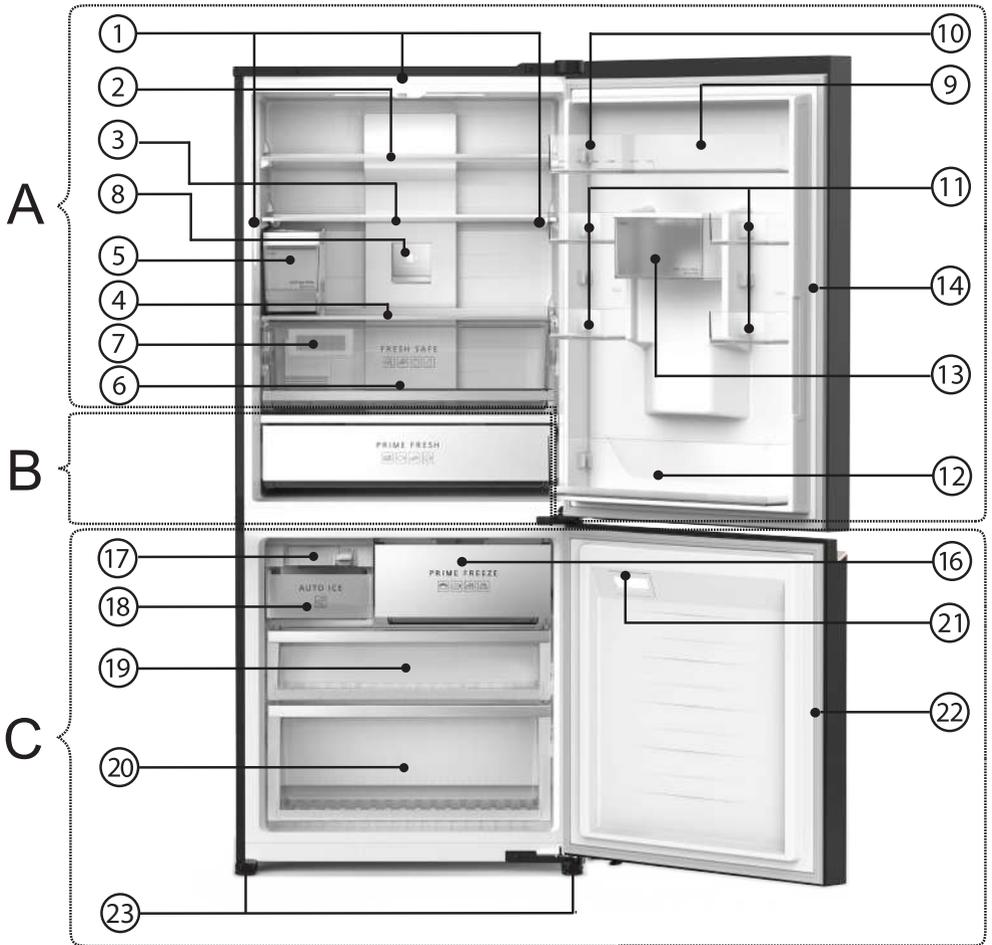
在雪櫃內部充分冷卻下來之前，請勿打開/關閉雪櫃門。  
( 暖空氣流入雪櫃內將阻斷製冷功能。 )

**請等待直至雪櫃內部冷卻下來。**

- 冰箱在內部空載且門未打開的情況下，連續運行至少需要 4 小時才能使內部冷卻。
- 根據環境溫度和使用條件，可能需要 24 小時才能使內部冷卻並達到平衡。



# 各部名稱

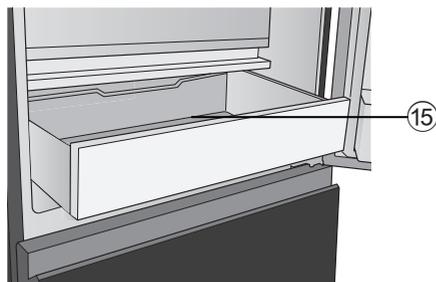


# 各部名稱

## A-冷藏室

- ① 冷藏室LED燈 (數量：03)
- ② 玻璃托板
- ③ 滑動玻璃攔板
- ④ 玻璃托板保鮮格
- ⑤ 自動制冰機水箱
- ⑥ 蔬果格
- ⑦ 蔬菜室濕度調節器
- ⑧ nanoe™ X圖標
- ⑨ 大門框
- ⑩ 蛋托
- ⑪ 小門架
- ⑫ 小瓶架
- ⑬ 外置取水器水箱
- ⑭ 製冰格

## B-主保鮮室

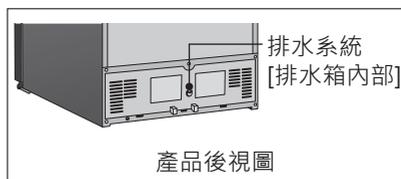
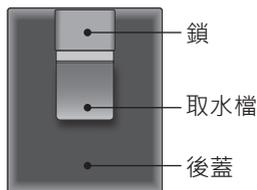


- ⑮ 主保鮮格

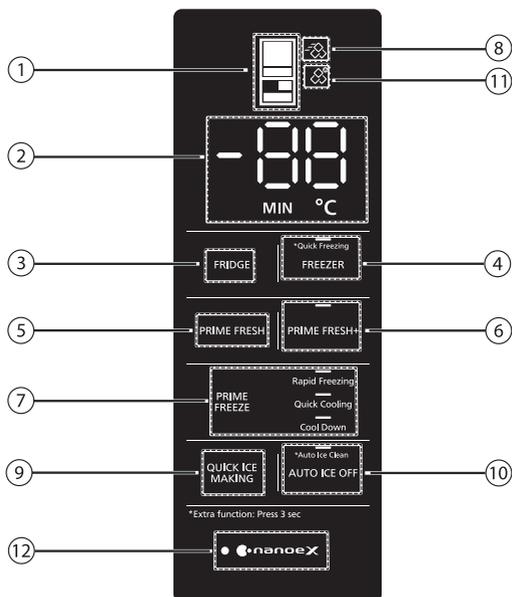
## C-急凍室

- ⑰ 製冰格
- ⑱ 冰盒
- ⑲ 自動制冰冰盤
- ⑳ 上方冷凍室收納盒
- ㉑ 下方冷凍室收納盒
- ㉒ 冷凍室LED燈
- ㉓ 冷凍室封條
- ㉔ 可調節螺栓

### 外置取水系統



# 操作面板



- ① 顯示nanoe™ X模式的圖標和LED燈: 顯示nanoe™ X模式的當前狀態。
- ② 顯示ECONAVI模式的圖標和LED燈: 顯示ECONAVI模式的當前狀態。
- ③ 顯示各室的LED燈: 選擇不同的室時, 相應的室的圖標將亮起。
- ④ 溫度和時間顯示區: 顯示冷藏室、冷凍室、主保鮮室的溫度和速凍模式的時間。
- ⑤ 冷藏室溫度控制按鈕。
- ⑥ 主保鮮室溫度控制按鈕。
- ⑦ 新主保鮮模式控制按鈕及LED燈。
- ⑧ 冷凍室溫度控制按鈕。
- ⑨ 速凍模式LED燈。
- ⑩ 急速冷凍模式的控制按鈕及LED燈。
- ⑪ 快速制冰模式控制按鈕及LED燈。
- ⑫ 停止自動制冰模式控制按鈕及LED燈。
- ⑬ 自動制冰機自動清潔模式LED燈。
- ⑭ 童鎖模式控制按鈕及LED燈。

## 注意

- 在顯示控制面板上: “\*Extra function: Press 3 sec”, 即要啓動附加功能時, 需要長按前面標有“\*”的按鈕3秒。
- 在正常情況下, 控制面板燈熄滅。當您按下按鈕時, 操作面板燈將亮起。冰箱門打開時, 操作面板燈會熄滅, 所有按鈕都不會被操作。
- 夏季氣溫高, 放置未冷凍的食物或頻繁關閉門時, 雪櫃內溫度會升高, 顯示值將高于設定溫度, 因此請減少開門次數。
- 接通電源後, 控制面板將顯示各模式介紹和各室的溫度約10秒。在此期間, 各按鈕尚未工作。10秒後, 可以正常調整控制面板。

# 溫度控制

- 雪櫃出廠時，冷藏室、主保鮮室、冷凍室的設定溫度分別為4°C、-3°C、-20°C。如想調整冷凍功率，可以更改溫度設置。
- 冷藏室的設定溫度範圍為7°C~1°C，主保鮮室為4°C~-5°C（主保鮮室溫度為-1°C~-5°C，如冷凍室一樣使用的主保鮮室溫度為4°C~0°C），冷凍室為-15°C~-23°C。
- 雪櫃內的溫度會根據環境溫度、安裝狀態、使用條件和食物數量而有所不同。
- 由于測試方法和工具不同，實際測試溫度可能與顯示溫度有所不同。
- 本雪櫃配備了處理器來控制雪櫃內的溫度。當環境溫度變化、壓縮機運行或停止、門打開或關閉、室內溫度波動時，導致雪櫃內溫度與設定溫度略有差異。

## ■ 溫度設置及溫度設置說明

### 1、顯示當前溫度

觸摸下面的圖標以顯示：冷藏室、主保鮮室，冷凍室的當前溫度。選擇時，當前溫度相應的每個室的指示燈都會亮起。

圖標	室別	位置LED燈	溫度指示燈
FRIDGE	冷藏室		4 °C
PRIME FRESH	主保鮮室		-3 °C
FREEZER	急凍室		-20 °C

### 2、溫度設置

觸摸要設置的室（冷藏室、主保鮮室、冷凍室）圖標，以顯示當前溫度後，再次觸摸開始溫度設置過程。此時，位置LED燈和溫度LED燈會閃爍。

繼續觸摸該室圖標，以選擇所需的溫度。每次按下按鈕，溫度就會升高或降低1°C。

### 3、溫度設置完畢

溫度設置完畢後，輕觸另一個按鈕，以完成並保存剛進行的設置。或在10秒內不觸摸任何其他按鈕，控制面板將保存設置並返回休眠模式。

# ECONAVI操作

檢測門的打開和關閉以及雪櫃周圍的亮度，並自動操作控制，從而節約能源。\*1

## ■ ECONAVI操作

- 雪櫃在開啟及偶爾執行使用期間，可以學習您的家庭生活方式，以最大程度地提高能源效率。
- 雪櫃前3周學習您的生活方式，從第4周開始可按您的生活方式來執行工作。
- 當雪櫃周圍變暗時，將執行ECONAVI節能操作，例如在夜間。

## ■ 啟用 ECONAVI 操作的設定

- 當冷藏室和冷凍室的溫度控制器設置為冷藏室溫度4°C和冷凍室溫度-20°C時，ECONAVI運行模式會自動激活。
- “速凍”、“新主保鮮”、“急速冷凍”或“快速制冰”模式正在運行中，則ECONAVI模式不會運行。
- 不能強行啟動ECONAVI操作。

### 注意

\*1 ECONAVI模式的效力視乎環境溫度、環境的亮度、次數和門打開和關閉狀態，以及食品存儲狀態而不同。

# nanoe™ X 模式

- nanoe™是被水粒子包圍的超細微離子粒子的集合。  
nanoe™ X是具有超細微的帶電水粒子，其OH自由基是nanoe™的10倍。
- nanoe™ X模式將在雪櫃通電時啟動，並在使用雪櫃時始終運行。然而，由於nanoe™ X運行時需要濕度，因此如果雪櫃內濕度降低（如存放少量果菜等），此模式的有效性可能會降低。
- 在運行過程中，nanoe™ X設備可能發出微小的聲音。
- 長時間關閉雪櫃門後，打開雪櫃門時，會感覺到運行過程中產生的臭氧特有氣味，這是正常現象。

## 速凍 (Quick Freezing)

設置為“Quick Freezing” (速凍)時，雪櫃將快速降低溫度，以更好地保存食物。

### ■ 如何操作“Quick Freezing” (速凍)模式



燈亮起: Quick Freezing (速凍) 運行  
燈熄滅: Quick Freezing (速凍) 停止

- 按下按住“Freezer”圖標3秒，以啟動速凍模式。此時，“Quick Freezing”圖標下方的燈會亮起。
- 想停止速凍模式時，按下按住“Freezer”圖標3秒，直到指示燈熄滅為止。

### 注意

- “速凍”模式運行150分鐘後自動停止並返回正常模式。( [Quick Freezing] (速凍) LED燈熄滅 )
- [Quick Freezing] (速凍) LED燈閃爍表示除霜系統正在運行。除霜完成後，“速凍”模式將立即啟動。
- 當速凍模式結束時，冷凍室的溫度將恢復到先前設定的狀態。
- 當速凍模式啟動時，以下模式 (如果處於工作狀態) 將停止：“Prime Fresh+” (新主保鮮模式)、 “Quick Ice Making” (快速制冰模式)、 “Prime Freeze” (急速冷凍模式)。

## 新主保鮮制模式 (Prime Fresh+)

設置為“Prime Fresh+” (新主保鮮制模式)時，主保鮮室將快速降低溫度，以更好地保存食物。

### ■ 如何操作“Prime Fresh+” (新主保鮮制模式)模式



燈亮起: 新主保鮮模式運行。  
燈熄滅: 新主保鮮模式停止。

- 連續2次點擊“Prime Fresh+”圖標，以啟動新主保鮮模式。此時，“Prime Fresh+”圖標上方的燈會亮起。
- 想停止新主保鮮模式時，觸摸“Prime Fresh+”圖標一次，直到指示燈熄滅為止。

### 注意

- “新主保鮮”模式會在運行105分鐘 (環境溫度為18°C及以下) 或145~150分鐘 (環境溫度為18°C以上) 後自動停止，並返回正常模式。( [Prime Fresh+] (新主保鮮室) LED燈熄滅 )
- [Prime Fresh+] (新主保鮮室) LED燈閃爍表示除霜系統正在運行。除霜完成後，“新主保鮮”模式將立即啟動。
- 當新主保鮮模式結束時，保鮮室的溫度將恢復到先前設定的狀態。
- 當新主保鮮模式啟動時，以下模式 (如果處於工作狀態) 將停止：速凍模式 (Quick Freezing)、快速制冰模式 (Quick Ice Making)、急速冷凍模式 (Prime Freeze)。
- “新主保鮮”模式在保鮮室溫度設置為4°C~0°C時不會啟動。

## 急凍室 ( Prime Freeze )

急凍室 ( Prime Freeze ) 是位于冷凍室的一個特殊室。該室配備了獨立的風機系統和高級傳熱鋁板，可根據每個加工目的調整冷凍時間，以支持用戶以多種方式烹飪，節省時間。

### ■ Cách vận hành Ngăn cấp đông siêu tốc

① 在控制面板上按下 Prime Freeze 隔間 (Prime Freeze) 的控制面板。此時，LED 顯示位置艙，LED 顯示 3 種模式 (\*) 和 LED 顯示運行時間 (\*\*) 選擇時超級加速級別將亮起。

圖標	室別	位置LED燈	LED 顯示 3 (*) 種模式	運行時間LED燈
PRIME FREEZE	急凍室			

(\*) 對於LED 顯示 3 種模式：

- 如果之前設置的時間尚未用完，LED燈將顯示之前設置模式。
- 如果之前設置的時間已經用完，則3模式LED燈都熄滅。

(\*\*) 對於運行時間LED燈：

- 如果之前設置的時間尚未用完，將顯示剩余分鍾值。
- 如果之前設置的時間已經用完，則顯示的分鍾值為 "--"。

② 繼續觸摸急凍室 ( Prime Freeze ) 控制按鈕，此時，位置LED燈會閃爍。此步驟後，如果之前設置的時間尚未用完，分鍾值將被清除並顯示為 "--"。觸摸急凍室控制按鈕，直到選擇到所需的模式為止。每次觸摸，顯示運行時間的LED燈將顯示每個相應模式的時間。

③ 設置完畢

完成急速冷凍模式設置後，按另一個按鈕以完成並保存剛進行的設置。或在10秒內不按任何其他按鈕，控制面板將保存設置並返回休眠模式。

④ 模式結束

一個模式時間結束後，顯示屏將顯示為 "0" 並且會有提示音。提示音將每2分鍾響一次，持續6分鍾，直到您按下控制面板上的 "Prime Freeze" 圖標或冷凍室門打開時。如果在模式結束後沒有立即取出食物，食物可能會被冷凍得超過預期。

■ 急凍室的模式：

模式名稱	顯示	加工目的	模式 (單位：分)	推薦食物類型	注意
快速冷卻	Cool Down	快速冷卻溫/熱食物	3	<ul style="list-style-type: none"> <li>• 飯盒 (150 g)</li> <li>• 土豆沙拉 (150 g)</li> </ul>	<ul style="list-style-type: none"> <li>- 不要蓋住盒蓋或用保鮮膜包裝食物，以確保快速冷卻效果。如擔心食物的氣味，可以使用蓋子或保鮮膜，但食物可能不夠冷。</li> </ul>
			5	<ul style="list-style-type: none"> <li>• 飯盒 (300 g)</li> <li>• 土豆沙拉 (300 g)</li> <li>• 嬰兒奶 (100 ml)</li> <li>• 湯 (150 ml)</li> </ul>	<ul style="list-style-type: none"> <li>- 5分鐘是1盒飯盒 (約150 g) 或 200 g 預制食品的估計時間。如果食物量較大，冷卻時間可能會更長。</li> <li>- 200 ml以上的嬰兒奶可以在快速冷凍模式下冷卻10分鐘。</li> <li>- 用快速冷卻模式將奶冷卻後，給寶寶喂奶前一定要檢查奶溫。</li> </ul>
快速冷凍	Quick Cooling	快速冷凍食物以節省準備食物和甜點的時間。	10	<ul style="list-style-type: none"> <li>• 咖喱 (200 g)</li> <li>• 魚類 (100 g)</li> <li>• 布丁 (2個)</li> <li>• 果凍 (2個)</li> </ul>	<ul style="list-style-type: none"> <li>- 對於需要腌制或調味的菜料，如：肉類、炸/烤魚、腌雞蛋等，請將菜料和調料放入密封盒/袋中。菜料將在冷凍過程中滲透調料。</li> </ul>
			15	<ul style="list-style-type: none"> <li>• 咖喱 (400 g)</li> <li>• 雞大腿 (250 g)</li> <li>• 布丁或焦糖 (4個)</li> <li>• 由明膠制成的果凍或蛋糕 (4個)</li> </ul>	<ul style="list-style-type: none"> <li>- 對於難以切片的生肉、魚和蝦，當置于快速冷凍模式時，切片工作會更容易。</li> <li>- 使用鋁或金屬杯盛裝果凍或甜點。使用陶瓷或瓷器容器，食物可能不夠冷。</li> <li>- 此模式可用于快速冷凍飲料。</li> </ul>
急速冷凍	Rapid Freezing	對剛烹飪的菜肴進行急速冷凍，確保烹制食物的保鮮質量，節省每天的烹飪時間。	45	<ul style="list-style-type: none"> <li>• 牛肉 (150 g)</li> <li>• 水煮蔬菜 (1束西蘭花)</li> <li>• 生蔬菜 (250 g 切碎的白菜)</li> <li>• 炸雞 (250 g 2人)</li> <li>• 水果冰淇淋 (300 ml)</li> <li>• 面包 (2個)</li> </ul>	<ul style="list-style-type: none"> <li>- 用保鮮膜、冷凍袋包裝或蓋緊新鮮食物、煮熟的蔬菜。</li> <li>- 對於油炸食品 (炸雞、炸蝦/魷魚、春卷、肉團)，應放在鋁盤內，並以“急速冷凍”模式運行。冷凍後，放在冷凍袋或盒子中儲存。</li> <li>- 此模式可用于冷凍一些水果，如：草莓、荔枝、漿果等，以便長期保存。</li> </ul>
			60	<ul style="list-style-type: none"> <li>• 冷凍肉 (350 g)</li> <li>• 雞肉，1/2只 (500 g)</li> <li>• 牛肉 (250 g)</li> <li>• 制作冰塊 (1盤)</li> </ul>	

## 急凍室 ( Prime Freeze )

### 注意

- 始終將食物放在傳熱鋁板上，以達到最佳冷凍效果。
- 如果在沒有蓋子或保鮮膜包裝的情況下放置熱的或濕的食物，食物表面可能會凝固或在冷藏室內形成露水。如果擔心，請使用蓋子或保鮮膜包裝好。
- 如果煮熟的食物仍處於高溫狀態，應將其冷卻至 70 °C 左右，然後再放入急凍室。
- 把玻璃瓶或罐放在雪櫃裏面可能會存在破損、開裂或損壞的風險。
- 請勿將食物放置在高于急凍室高度，以免急凍室門無法關緊，導致結霜並損壞急凍室中的食物和容器。
- 請勿用濕手直接接觸金屬收納盒，存在凍傷風險。
- 在運行急速冷凍模式 ( Prime Freeze ) 的過程中：
  - ECONAVI 模式將停止。
  - 風機的噪音會更大。
  - 耗電量會比平時高。
  - 如設置快速制冰模式 ( Quick Ice Making )，則急速冷凍模式 ( Prime Freeze ) 將停止。
  - 急凍室LED燈在除霜系統運行時閃爍，並在除霜完畢後停止閃爍。這是正常現象。
- 當不使用急速冷凍模式 ( Prime Freeze ) 時，急凍室都可以用作冷凍室內的任何其他位置。
  - 可以存放小食物，方便查找。
  - 該室的溫度可能會高于整個冷凍室的溫度，為了長期保存，請將食物移到冷凍室。

## 快速制冰模式 ( Quick Ice Making )

設置快速制冰時，冰箱將增加其容量以減少製冰時間。

### ■ 快速制冰模式運行方法



指示燈亮起：快速制冰模式工作。  
指示燈熄滅：快速制冰模式不運行。

- 連續2次點擊“Quick Ice Making”圖標，以啟動快速制冰模式。此時，快速制冰模式圖標燈會亮起。
- 想停止快速制冰模式時，再次觸摸並按住“Quick Ice Making”圖標，直到指示燈熄滅為止。

### 注意

- 當快速制冰模式啟動時，以下模式 ( 如果處于工作狀態 ) 將停止：
  - 速凍模式 ( Quick Freezing )
  - 新主保鮮模式 ( Prime Fresh+ )
  - 急速冷凍模式 ( Prime Freeze )
  - 自動制冰模式 ( Auto Ice Off )

# 自動制冰停止模式和制冰機清潔模式

雪櫃運行時，自動制冰模式 ( Auto Ice ) 將自動運行，而無需任何設置。當設置自動制冰停止模式和制冰機清潔模式時，雪櫃將停止自動制冰機並自動清潔制冰機。

## ■ 自動制冰停止模式運行方法



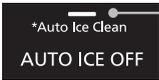
指示燈亮起：自動制冰停止模式正在運行。  
指示燈熄滅：自動制冰停止模式不運行。

- 連續2次點擊“Auto Ice Off”圖標，以停止自動制冰。此時，自動制冰停止模式圖標燈會亮起。
- 想重新啓動自動制冰模式時，點擊“Auto Ice Off”圖標一次。此時，自動制冰停止模式圖標燈會熄滅。

### 注意

- 當自動制冰停止模式啓動時，快速制冰模式將停止。

## ■ 制冰機清潔模式運行方法



指示燈亮起：制冰機自動清潔模式正在運行。  
指示燈熄滅：制冰機自動清潔模式不運行。

- 觸摸並按住“Auto Ice Off”模式3秒，以啓動/關閉制冰機自動清潔模式。制冰機清潔過程結束時，雪櫃會發出提示音。

### 注意

- 制冰機清潔模式正在運行時，不能中途停止/關閉該模式。

制冰機自動清潔操作詳見第26頁。

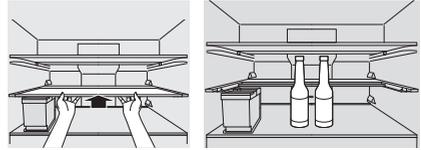
## 冷藏室

冷藏室溫度設定範圍為7°C~1°C。

如果冷藏室的溫度長時間設置在1°C，食物可能會凍結。

### 滑動玻璃擱板使用方法

將前玻璃擱板的一半向後滑動，此時，可以根據使用目的將東西放高。



### 蔬菜抽屜

大開導軌系統的大蔬菜抽屜，可容易拿出深藏在抽屜裏面的食物，增加承載力，讓用戶只用一只手輕輕拉動抽屜。濕度控制器有助於控制蔬菜抽屜的濕度，可幫助蔬菜保持濕度和新鮮度。

#### 注意

- 由于濕度高，水滴會粘附在蔬菜抽屜壁上。如果有水或水滴殘留，請用軟布擦掉。
- 請勿把食物放置高于蔬菜抽屜的高度，很容易導致門關不上的情況，導致結霜，蔬菜和水果可能會被卡住並變質。

### 外置取水系統使用方法

設有外置取水系統，無需打開雪櫃門即可從外部取冷水。

#### ■ 外取水方法

- ① 向上推鎖直到接觸到上邊緣。
- ② 將杯子伸直並輕輕推動水龍頭杆以出水。

#### 注意

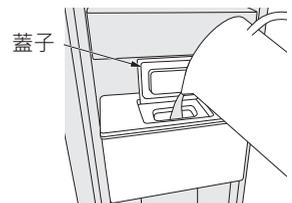
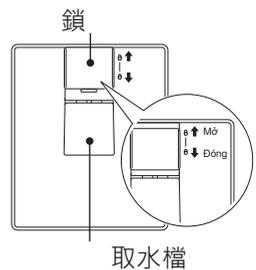
- 取出水後，將杯子慢慢取出，以免水溢流。
- 如果有水溢流，請使用毛巾擦乾淨。
- 當需要鎖定外取水模式時，將鎖向下拉，直到它接觸到下邊緣，並會看到紅線。如果不需要鎖定外取水模式，則可以跳過此步驟。

#### ■ 水箱使用方法

- ① 打開蓋子，將水箱裝滿水即可使用。
- ② 蓋緊蓋子並關閉雪櫃門以進行冷凍。

#### 注意

- 第一次使用時，先清洗水箱。
- 請勿將50°C以上的熱水倒入水箱。
- 水箱最多可容納3升。請勿將水倒在水箱上的3升標記處。
- 只倒入普通的飲用水，請勿倒入啤酒、汽水、汽水燈。
- 使用雪櫃時，請確保水箱始終安裝在正確的位置。否則會影響冷凍性能，導致雪櫃門外出汗。
- 使用前檢查水箱。
- 水固體含量必須為100mg/L及以下。礦物質呈白色漂浮物。這些礦物質是無害的。



### ■ 請勿把雪櫃裝的太滿

裝的太滿時，雪櫃內的冷風無法流通，會影響冷凍性能。在各種食物之間留出空間！

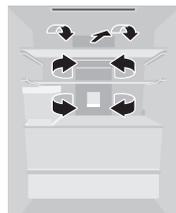


不浪費使用雪櫃的冷空氣是保持食物新鮮的時間更長的關鍵！

### ■ 請勿放置阻礙雪櫃內的空氣流通的食物

如果冷氣不擴散，雪櫃內部很難下降溫度，需要消耗更多的電力來冷凍。因此，食物不應阻塞通風口\*前，阻礙雪櫃內的空氣流通。

\*通風口位于冷藏室的空氣吹送裝置。



## 主保鮮室

除了收容軟件中的溫度，還可以靈活選擇在以下級別運行：

- 正常冷凍時執行的溫度為  $-3^{\circ}\text{C}^*$ 。
- 冷藏室等軟質隔間的使用溫度為  $4^{\circ}\text{C} \sim 0^{\circ}\text{C}$ 。

使用雪櫃時，可根據個人使用情況調節溫度。

\*出廠設置溫度默認為  $-3^{\circ}\text{C}$ 。

### 用作保鮮功能

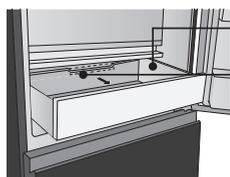
大約  $-1^{\circ}\text{C} \sim -5^{\circ}\text{C}$

- 主保鮮室適合儲存魚、肉等新鮮食材。與冷藏室相比，魚、肉的儲藏壽命會延長。
- 當食物太冷凍時。  
切片的魚類或肉類可能會太凍。請將溫度設置為高於  $-3^{\circ}\text{C}$ ，防止食物凍結。
- 當食物未部分冷凍時。  
根據食物的類型（例如一大塊肉或大魚）、儲存條件和環境溫度，食物可能不會按預期進行部分冷凍。然後，設置為最低溫度  $-5^{\circ}\text{C}$ 。
- 請勿把雪櫃裝的太滿。裝的太滿時，雪櫃內的冷風無法流通，會影響冷凍性能。在各種食物之間留出空間！
- 當保存大量食物時，如一塊肉、一條大魚或一只雞，請將食物放在保鮮室的中間，以優化冷凍效果。
- 當保鮮室的溫度在  $4^{\circ}\text{C} \sim 0^{\circ}\text{C}$  時，新主保鮮模式 (Prime Fresh+) 將不運行，防止食物變質。
- 請勿放置阻礙保鮮室的空氣流通的食物  
如果冷氣不擴散，保鮮室內部很難下降溫度，食物可能會變質。因此，食物不應放置在進風口位置（位于保鮮室上方）前，會阻礙保鮮室的空氣流通。



### 易於切開

冷凍食物易於切開！  
更為方便。



進風口位置

保鮮室收納盒

# 急凍室

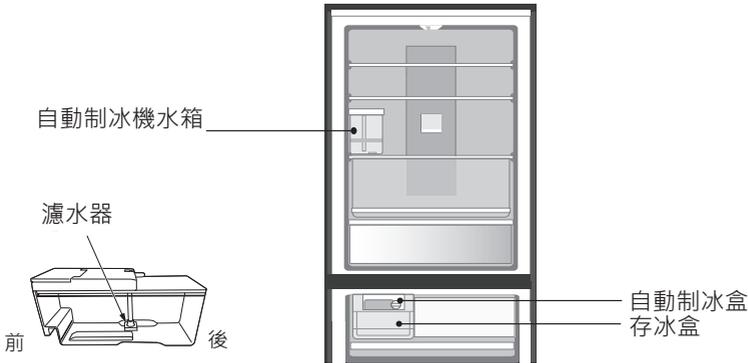
使用急凍室 ( Prime Freeze ) 長期保存冷凍或冷卻食物。  
冷凍室溫度設定範圍為-15°C ~ -23°C。



## 冷凍食物和鎖定風味的三個技巧

1. 快速冷凍薄且小的食物！
2. 完全密封
3. 不要重新急凍

# 自動制冰



## 為方便使用自動制冰機



自動制冰時，請僅使用飲用水。



請勿將以下液體倒入供水箱。  
(以下液體可能會損壞自動制冰系統)

水硬度應為  
100mg/L及以下。



飲用水



果汁等



運動飲料



汽水



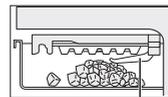
熱水

### 小貼士

- 水硬度應為100mg/L及以下。礦物質呈白色漂浮顆粒。這些礦物質是無害的。
- 第一次使用自動制冰機時，制冰機等處可能有異味或積聚灰塵。請放棄第一次制冰的冰塊。
- 定期使用自動制冰機自動清洗功能。(第21頁)

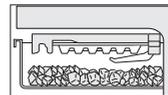
### 注意

當冰滿時，觸動冰塊檢測杆，制冰模式將自動停止。



冰塊檢測杆

冰塊形成一堆，將接觸冰塊檢測杆。  
(此時，自動制冰模式會停止)



將冰塊均勻地鋪在存冰盒，以制出更多的冰塊。

## 要求

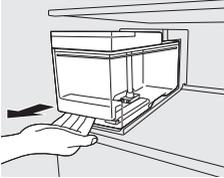
- 請勿將水直接倒入存冰盒制冰。  
(否則，存冰盒可能會破裂)
- 請勿將食物或其他物品倒入存冰盒。  
(否則無法正確檢測冰量，自動制冰機可能會停止工作或無法拉出存冰盒)

在以下情況下，制冰時間會更長。

- 第一次使用雪櫃。  
(至少需要24小時，因為自動制冰功能僅在雪櫃內部夠冷時方啟動)
- 經常打開雪櫃門時。
- 雪櫃門半開時。
- 雪櫃裝滿食物時。
- 室內溫度冬天較低或夏天較高時。
- 發生電氣故障時。

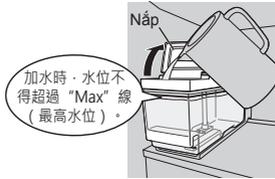
## 自動制冰水箱使用方法\*

1 取出供水箱。



將水箱拉出直到被堵住為止。  
如果水位低於“Min”線（最低水位），請加水。

2 裝滿水。



打開蓋子，將水箱裝滿水，然後將蓋子放回原位。

3 蓋好蓋子。



確認水箱的方向並安裝，直到到為止。  
(如果不把水箱安裝到位，則無法制冰)

\*可以在大約2小時內制冰，冷藏室的溫度為4°C，主保鮮室為-3°C，冷凍室-20°C。

## 快速制冰方法

- 當設置為“Quick Ice Making”模式（快速制冰）時，制冰速度會增加。僅需90分鐘即可制冰\*。

## 注意

- 約6小時後，該模式將自動恢復正常自動制冰模式。
  - 當雪櫃處於除霜模式時，[Quick Ice Making]（快速制冰）LED燈將閃爍。除霜完成後，快速制冰模式將立即啟動。
  - 在快速制冰模式下，消耗能量會比正常增加更多。
  - 在設置“Quick Ice Making”（快速制冰）模式時，ECONAVI模式不會運行。
- 室內溫度為20°C時，冷藏室、主保鮮室、冷凍室的溫度分別為4°C、-3°C、-20°C。

## 自動制冰機清潔方法

第一次使用或長時間不使用時，冰盤可能會有異味或積聚灰塵。進行清潔制冰機前，請先清潔冰盤。

選擇制冰機清洗模式後，會自動將水倒入冰盤和供水管3次（約2分鐘）以排出水。

選擇制冰機清潔模式時，請確保水箱內是否有足夠的水。

- ① 從制冰室中取出冰盒，取清冰盒中的全部冰塊（當已形成冰塊時），然後將冰盒放回原位。
- ② 將水箱填充足夠量的水。
- ③ 選擇制冰機清潔模式（第21頁）。
  - 水箱同時發出斷斷續續的聲音，並開始清潔制冰機。
  - 制冰機清潔過程中，聲音無法關閉。
  - 當吡聲結束時，控制面板上的制冰機清潔模式圖標熄滅，制冰機清潔結束，自動制冰過程開始。
- ④ 從制冰室中取出冰盒，將水從冰盒中倒出並擦去冰盒上的水。  
如果不把冰盒上的水擦乾淨，冰盒可能會破裂。

## 自動制冰停止方法

可按需啟動/關閉制冰模式。

### ■ 暫停制冰

- ① 選擇“自動制冰停止”模式，控制面板上的制冰停止模式圖標亮起，雪櫃停止制冰（第21頁）。
- ② 無需往水箱倒水。倒入冰盤的水仍會結冰，2小時後會結冰。當冰盒已滿時，將不會繼續制冰。
- ③ 想繼續自動制冰時，請選擇“自動制冰停止”（Auto Ice Off），控制面板上的制冰停止模式圖標將熄滅（第21頁）。

### ■ 長時間停止制冰

- ① 清空水箱中的水，取出冰盒中的冰塊。
- ② 將水箱、濾水膜、隔音墊、冰盒清洗乾淨，擦幹後放回原位。
- ③ 再次使用時，請將水箱裝滿水並放回原位。

### ■ 移動雪櫃時

- ① 清空水箱中的水，取出冰盒中的冰塊。
- ② 選擇“自動制冰機清潔”模式，控制面板上的制冰機清潔模式圖標亮起，雪櫃將進行清潔制冰機。（此時，制冰過程中的冰塊和水會落入冰盒中）
- ③ 制冰機清潔過程將在大約2分鐘後停止。拉出制冰室下方的抽屜，取出冰盒，清空冰盒內的冰塊和水。
- ④ 將水箱、濾水膜、冰盒清洗乾淨，擦幹後放回原位。

# 如何清洗雪櫃

清潔或進行維護之前，請務必確保從電源插座上拔下電源插頭。請勿用濕手連接或斷開電源插頭。拔下插頭後，請放置7分鐘再重新插入。否則，壓縮機可能無法運作。

## 弄髒後立即清潔雪櫃！

在污漬變硬之前，迅速擦去內側表面的污漬。

特別是食用油或豬油可能會導致塑料破裂，

柑橘汁可能會導致雪櫃變

色。當污漬無法輕鬆擦除時

請使用溫水。請用濕軟布擦

拭門表面。用乾布擦拭控制

面板。當污漬無法輕易清除

時，用蘸有中性廚房清潔劑

的布擦拭。然後，用蘸有少

量水的布擦拭。



請用濕軟布擦拭門表面。



## 偶爾清潔可拆卸部件。

制冰裝置，一周清理一次。

根據指引，請每三個月取下

托盤，門架等，然後將其浸

入溫水中清洗。



## 每個月至少清理門襯墊一次。

用軟濕布擦拭清潔門襯墊。

注意不要擦拭門鉸鏈上的石

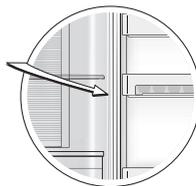
油膠。

### 注意

門襯墊可由授權的服務代理商進行更換。

清潔時，如果門襯墊脫落，可將其推回到凹槽內。

使用石油凝膠的點。



### 要求

請勿使用以下物品清潔。(否則，表面會被刮刮花或侵蝕)



# 如何清洗雪櫃

## 雞蛋架 / 瓶架

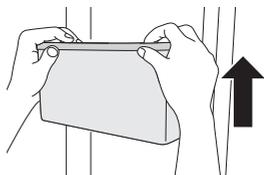
每三個月清洗一次

### ■ 取出

- ① 向上抬起，在左右側間交替更換。

### ■ 裝上

- ② 置于兩邊的支架上，向裡推入，直至到達盡頭。



## 托盤

每三個月清洗一次

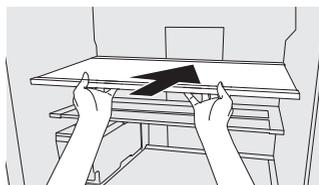
### ■ 取出

- ① 向上抬起托盤並往前拉。打開托盤與滑軌間的鎖扣，傾斜托盤並取出。



### ■ 裝上

- ② 托盤向裡推入，直至到達盡頭。



### 注意

- 在取下冷藏室內的玻璃擱板之前，應先取下門上的雞蛋架/瓶架，以方便取下玻璃擱板。
- 可直接在雪櫃裏清潔果蔬盒上方的玻璃擱板。  
(因此玻璃擱板的設計為固定的)
- 萬一在裝回盤子時卡不住，請檢查確認是否裝錯了托盤。
- 托盤是由玻璃製成的且很重。  
請小心處理它們，以免它們掉落並造成任何損壞或傷害。要裝托盤時，將突出側朝下握住並牢固插入。

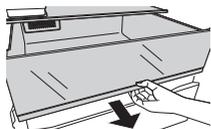
## 果蔬盒/冷凍室收納盒

每三個月清洗一次

### ※果蔬盒

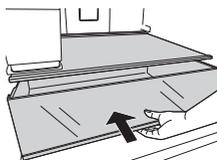
#### ■ 取出

- ① 完全打開冷藏室的2個門
- ② 向前拉動果蔬盒直到碰到終點為止，然後輕輕擡起果蔬盒的前部，以將其完全取出。



#### ■ 裝上

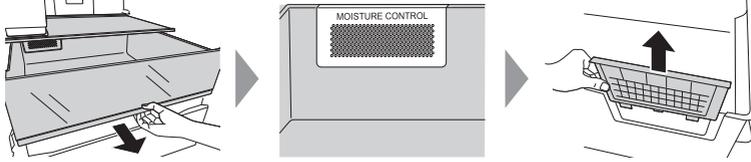
- ① 將果蔬盒安裝到支架上。
- ② 輕輕擡起果蔬盒並向前推，直到碰到終點為止。



### ※冷凍室收納盒

如同果蔬盒取下和安裝冷凍室收納盒。

- ① 拉動並取下果蔬盒，濕度控制過濾器位于蔬菜室的背面。
- ② 抓住過濾器並將其滑到支架上以將其取下。

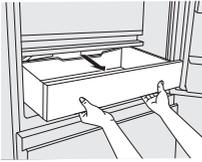


**注意**

- 用水沖洗後，擦拭幹淨或烘幹。
- 對於頑固汙漬，稀釋廚房清潔劑（中性），用軟牙刷輕輕刷落，然後用水徹底沖洗。

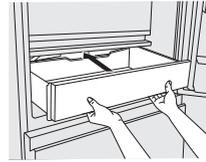
**取出**

- ① 將主保鮮室門完全打開。
- ② 輕輕擡起主保鮮室的前部並斜著取出。

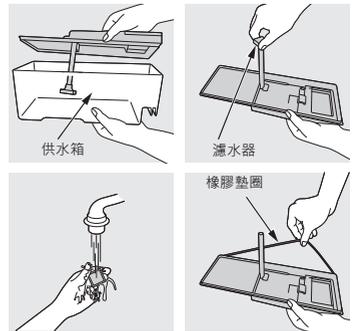


**裝上**

- ① 將主保鮮室門完全打開。
- ② 輕輕地將主保鮮室收納盒斜放回其原位，直到碰到終點為止。



- ① 打開蓋子，用水沖洗供水箱。
- ② 旋轉濾水器以取下呆鉤並將其取下。
- ③ 用水輕輕沖洗過濾器。
- ④ 取下蓋子側面的橡膠墊圈，用水沖洗幹淨。
- ⑤ 將濾水器和橡膠墊圈安裝到位。



**注意**

- 如果濾水器中的管道有積水或堵塞，可能無法正確地制冰。

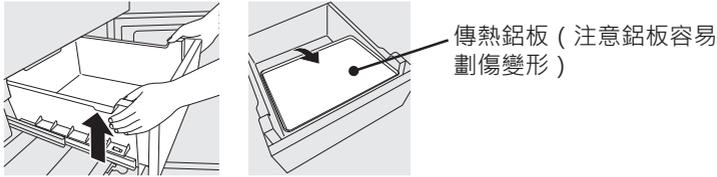
# 如何清洗雪櫃

急凍室 (Prime Freeze) 收納盒

每三個月清洗一次

## ■ 取出

- ① 將急凍室收納盒完全拉出。
- ② 提起收納盒，傾斜並從急凍室拿出來。



## ■ 裝上

- ① 提起急凍室收納盒，沿著裏面凹槽安裝，直到接合並碰到終點。

### 注意

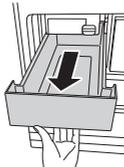
- 可以取下傳熱鋁板，注意鋁板冷的時候不要用濕手直接拿著，存在凍傷的危險。
- 取下或安裝收納盒時，請務必用伸出的手抓住玻璃擋板的把手。否則，急凍室門可能會碰到手指。請參考上圖。
- 如果用水清洗，請擦拭乾淨或烘幹，再安裝到雪櫃中。
- 請勿擦掉導軌接觸面上的潤滑劑。  
如果已經擦掉這些潤滑劑，請諮詢經銷商。

冰盒

每三個月清洗一次

## ■ 取出

提起並向前拉冰盒，直至完全取出為止。



### 注意

- 在清洗冰盒前，選擇停止自動制冰功能 (第 21 頁)。

## ■ 裝上

推動冰盒直到碰到終點為止

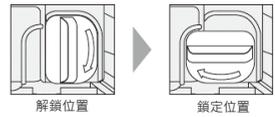
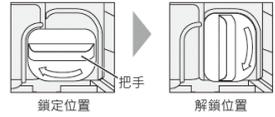


可以使用“自動清潔制冰機”(Auto Ice Clean)功能清潔冰盤(第21頁)。此外，可以取下進行手動清潔。

冰盤手動清潔方法

### ■ 取下和清洗冰盤

- ① 選擇“自動制冰模式”(Auto Ice Off)(第21頁)。
- ② 將制冰室的把手轉到解鎖位置。
- ③ 向前拉突出部分，以取下冰盤。
- ④ 用水沖洗。(請勿使用鋒利的擦洗工具擦洗冰盤表面。如果冰盤被劃傷，冰塊將無法正常落下，導致冰盤損壞)



### 注意

- 冰盤和框架不能分開。
- 請勿使用洗碗機或烘乾機。

### ■ 裝上

- ① 推入冰盤直至發出咔聲為止。
- ② 將把手轉到鎖定位置。如果冰盤未鎖定，則無法制冰。
- ③ 關閉“自動制冰停止模式”(Auto Ice Off)(第21頁)，以重新啟動制冰。

### 注意

- 僅在關閉“自動制冰停止”模式(Auto Ice Off)時，方可制冰。
- 手動清潔後，請勿將水直接倒入冰盤。(這可能會導致冰塊粘在一起或造成損壞)

## 供水箱/濾水器(外置取水器的)

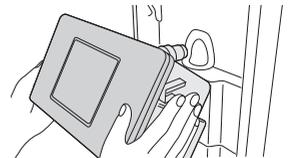
每周

### ■ 取出

用雙手拉起水箱，將其稍微向您的方向傾斜。

### ■ 裝上

將閥門的尖端插入孔中。將水箱的左右邊緣置于鎖定位置。將水箱一直向下推，直到碰到終點為止。

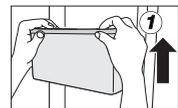
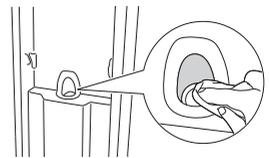


### 注意

- 取下水箱清洗時，若橡膠墊因與水龍頭摩擦而倒置，用手將橡膠墊從原位朝反向推。
- 水箱的閥門可以按逆時針旋轉並將其取下。

### ■ 更換過濾器

- ① 用手打開右上角的蓋子。
- ② 將過濾器直接從鎖中取出。  
更換新的過濾器。將過濾器放回原位並蓋緊蓋子。



自清潔式過  
濾器

自清潔式過  
濾器

### 注意

- 過濾器應每3年或在適當時更換一次。
- 可以聯系全國的Panasonic服務中心購買新的自清潔式過濾器。

# 雪櫃使用說明指引

在要求服務前，請檢查下列事項：

雪櫃不能操作。

- 檢查並確保插頭及其插座的狀況良好。
- 檢查屋內的主保險絲和電力系統有否出問題。
- 檢查時請拔除插頭，7分鐘後再重新插回。

雪櫃溫度不夠低。

- 檢查確保控制面板上的指示燈在正確位置顯示。
- 檢查雪櫃是否負荷過多或冷藏了任何熱食。
- 雪櫃是否直接曝露在陽光下或靠近熱源？
- 雪櫃門是否完全關上？
- 是否過於頻繁打開雪櫃？

外部

- 當環境濕度過高時，門墊圈可能出現水珠。空氣濕度降低時，這種情形將消失。請用乾布將水珠擦掉。

出現水珠、結霜。

內部

- 門是否緊密關閉？
- 開關門是否太過頻繁？
- 雪櫃內的露水凝結還可能是由於存放高濕度的食物而無蓋好或包裝好。
- 空氣濕度高時，開門時間長，當雪櫃內裝有大量食物或制冰時，冷凍室收納盒的冷凍室、冰盒的或急凍室門等處可能會形成雪。這種現象是正常的。用柔軟的乾布擦拭乾淨。



雪櫃發出噪聲。

- 檢查雪櫃是否已穩固放置或正確安裝。
- 檢查是否有任何物體與雪櫃接觸。
- 相應部件溫度調整導致雪櫃內的碎裂聲音屬正常現象。
- 安裝後，雪櫃可能會發出較大的噪聲。當雪櫃製冷後，噪聲將降低。
- 打開和關閉門時，雪櫃內部可能會發出嘯叫聲。這是由於外部空氣通過雪櫃背面的管道吸入，以更好地平衡設備內部的空氣流通所致。

# 雪櫃使用說明指引

內部出現異味。

- 是否放置沒有包裹，會發出氣味的食物？

雪櫃的表面發熱。

- 由於雪櫃具有防結露和發熱管設備，因此它在工作時表面會變熱。
- 當制冷啟動或櫃門經常開閉時，背部和兩側發熱會更為明顯。

雪櫃的正常聲音。

- 當雪櫃開始運行時，會聽見像流水或沸水的聲音。這其實是冷媒流動的聲音。
- 當自動除霜系統工作時會產生噪聲。
- 雪櫃內附件在制冷過程中膨脹會發出「劈啪」破裂聲。
- 當壓縮機在以下情況下高速運作時，您可能會感覺運作聲音變大：雪櫃在首次使用，過於頻繁地開閉櫃門或環境溫度過高等情況下未完全冷卻。當雪櫃完全冷卻後，聲音會變得更為安靜。

燈無法打開。

- 請聯繫 Panasonic 電器服務中心。

自動制冰。

雪櫃不制冰。

- 如果一段時間後水箱中的水沒有減少，即制冰模式不運行。
- 雪櫃內部足夠冷後開始制冰過程。（開始使用可能需要24小時以上）
- 檢查是否設置為“自動制冰停止”模式（Auto Ice Off）？（第21頁）
- 務必將水箱和冰盤完全推入到位。
- 請勿將食物存放在制冰機中。
- 請勿頻繁安裝或取下冰盤。
- 檢查水箱中的水是否充足。
- 如果水溢在制冰室，請清潔幹淨。
- 請聯繫Panasonic服務中心。

冰塊不會凍結成冰

- 制冰室溫度設置是否比冷凍室高-20℃？  
→ 請調整為較低的溫度。（第15頁）

冰塊形狀異常。

- 有突出部分。→ 冰盤的凹槽可能被凍結。
- 冰塊是否呈圓形或與其他冰塊粘在一起。  
→ 冰塊已存放很長時間。  
（由固體變成蒸汽，冰塊變成圓形或粘黏）
- 小冰塊。→ 當水箱沒有水時，就會形成小冰塊。

# 雪櫃使用說明指引

控制面板閃爍。

- 是否正在調整雪櫃或冷凍箱的溫度？  
→ 安裝過程中閃爍。請完成設置，或控制面板將在10秒後停止閃爍。

食物被凍結。

- 是否把食物放在冷風管附近？
- 是否把溫度控制器調到較低的溫度，冷凍室為4℃，保鮮室為-3℃？  
→ 請調整為更高的溫度。
- 是否把食物放在保鮮室？

ECONAVI  
功能不運行  
(ECONAVI  
燈不亮)。

- “Quick Freezing” (快速冷凍)、Prime Fresh+ (新主保鮮)、Quick Ice Making (快速制冰)、Prime Freeze (急速冷凍)等模式是否處於運行狀態？(第17頁)
- 如果冷藏室的溫度未設置為4℃，冷凍室的溫度未設置為-20℃，則ECONAVI功能不會自動激活。
- 雪櫃門是否頻繁打開或雪櫃中是否存放熱食？
- 學習功能可以在正常使用過程中自動關閉ECONAVI模式。
- 雪櫃是否顯示任何錯誤代碼？

ECONAVI  
模式很少運  
行。

- 是否停電？  
如果停電，學習功能所采集的數據在停電時都會丟失。ECONAVI模式很少運行，直到學習功能可以再次收集數據。

ECONAVI  
模式中途中  
止。

- 如果在ECONAVI模式正在運行時啟用自動除霜功能，則在除霜完成後將激活正常制冷模式。因此，ECONAVI模式可能會在除霜/制冷過程中停止。
- 學習功能有時會重新啟動正常制冷模式。

ECONAVI模  
式運行太頻  
繁 (ECONAVI  
燈很少關閉)  
。

- 光強傳感器是否被遮蓋？
- 光強傳感器控制面板上是否有汙漬或劃痕？
- ECONAVI模式可能會在雪櫃使用時根據使用條件運行，但仍保持制冷模式的運行。

ECONAVI燈不能正常點亮。

# 雪櫃使用說明指引

## 急速冷凍模式 ( Prime Freeze ) 。

食物融化。

- 使用急凍室 ( Prime Freeze ) 長時間儲存冷凍食品，或將高脂冰淇淋儲存在雪櫃中。( 急凍室的冷凍性能是兩星級 ) ( 第18頁 )
- 請勿將冷食靠近熱食。

不冷不凍結。

- 冷凍或凍結可能不夠，這取決于食物的種類、包裝條件、存儲容量以及雪櫃門開閉頻率。  
→ 重新設置急速冷凍模式 ( Prime Freeze ) 。( 第18頁 )

中途停止運行。

- 如果在除霜過程中設置急速冷凍模式 ( Prime Freeze )，時間顯示屏會計數，但風機會停止，食物不夠冷。除霜後，請重新設置急速冷凍模式 ( Prime Freeze ) 。
- 如果在運行急速冷凍模式 ( Prime Freeze ) 時設置了快速制冰、快速冷凍、新主保鮮等模式，則急速冷凍模式將停止。

控制面板顯示的錯誤

- U10：警報開門時間過長。  
→ 請檢查各室的門是否閉合。

- 操作面板上顯示字母“H”和兩位數字。  
例如：H01  
→ 請聯系服務中心尋求支持。

# 規格

型號		NR-BW530X
急凍等級		
容量 (公升) 毛容量/有效容量 (IEC62552:2007)	合計	500
	急凍室	186
	冷藏室, 主保鮮室	314
外型尺寸 闊 x 深 x 高 (毫米)		750 x 750 x 1730
淨重 (kg)		89
製冷劑類型		R600a
製冷系統		無霜製冷。
額定電壓 (伏特) 額定頻率 (赫茲)		請參考雪櫃門上的額定標籤。

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