INVERTER

Panasonic®

Operating Instructions
Refrigerator

For Household Use

Model No.: NR-YW590Y, NR-YW590X

NR-YW590Y

NR-YW590X

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■ **NON-CFC**
NON-CFC MATERIALS have been used for the refrigerant (R600a) and for the insulation (Cyclopentane), making this product better for 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 this operating instructions.

ARAH1E202983
P0122-3085
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DBD

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.

R600a

iso-butane

Risk of fire/flammable materials.

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

WARNING

In case of emergency:

R600a
iso-butane

- Maintenance work should only be carried out by a qualified technician.

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

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

When recycling the product:

- Before taking the refrigerator to be recycled, please remove all the door opening seal to prevent locking a child in it.
- The warning labels mentioned above should be kept throughout the life of the refrigerator.
- The operating instructions should be handed over to any person who would use or handle the refrigerator whenever the refrigerator would be transferred to another location and delivered to a recycling plant.
- In regards to local laws, Cyclopentane 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 power cord:

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

- Disconnect power plug when cleaning.
- Only plug into a wall outlet of the correct rated voltage and current, and fully insert the power plug on its own.
- Reserve one socket for the refrigerator only. Avoid connecting many appliances to the same socket and unroll the full length of the cord.
- Remove dust periodically from the power plug.
- If the power cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- If you detect burning smell, disconnect the power plug and ventilate the kitchen.
- **Stop** using the refrigerator and unplug the unit immediately if there is an abnormality or failure. Abnormality and failure examples:
  - Power cord or power plug is abnormally hot.
  - Power cord is deeply cut or deformed.
  - There is burning smell.
  - You can feel tingling electricity when you touch the refrigerator body.

When using:

- **Do not** damage the cooling circuit (piping on the back).
- **Do not** touch the compressor and pipes, because of high temperature, that there is a risk of burn injury.
- **Do not** let any children hang onto the refrigerator's door, it may fall and injure the child.
- **Do not** place or store open containers of water on top of the refrigerator. Spilled water can cause electrical shocks or combustion.
- **Do not** place multiple socket-outlets or portable power supplies at the rear of the appliance.
- Keep ventilation openings, in the appliance enclosure or in the built-in structure, clear of obstruction.

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

When installing:

- Danger can occur when the appliances is unbalanced, make sure the feet are secure and appliance is level.
- When positioning the appliance, ensure the power cord is not trapped or damaged.

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

Otherwise it may cause injury, accidents.

⚠ CAUTION

When opening/closing the doors:

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

When storing food:

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

When moving the refrigerator:

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

Usage Precautions

When opening/closing the doors:

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

When cleaning:

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

Usage Precautions

When using:

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

When storing food:

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

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 user's 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 refrigerator.

■ Auto Ice Making system

ANTI BACTERIA
BPA FREE

- The refrigerator is equipped with an Auto 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 an Auto Ice Off mode to stop ice making and Auto Ice Clean mode to automatically clean the ice maker.

■ nanoe™ X technology and Ag Clean

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

■ Steel rails for cases with maximum opening angle

- Heavy-duty steel rails optimize the load-bearing capacity, allowing users to gently pull out the food containers with just one hand.
- It is possible to fully pull out the compartment, making it easier to organize and select foodstuffs.

■ Independent Prime Fresh compartment and Prime Fresh+

- The temperature of Prime Fresh compartment can be changed from -5 °C ~ 4 °C(*).
  - Temperature -5 °C ~ -1 °C: Soft freeze temperature for food preservation, which helps to save time and effort in defrosting food, while keeping their flavor and freshness for longer.
  - Temperature 0 °C ~ 4 °C(**): Same as Fridge compartment temperature when you want more space for food preservation in the Fridge compartment.
- The large-capacity Prime Fresh compartment 61 L helps to store more food and comfortable for big-size of foodstuff.
- Independent Prime Fresh compartment makes it easier to remove and clean, helps avoid mixing unpleasant odor or cross-infection.
- Saving energy as you can use Prime Fresh compartment without opening the whole Fridge compartment.

(*) The default temperature setting of Prime Fresh compartment is -3 °C.

(**) Depending on the type of food, such as a large block of meat or a large fish, the storage conditions and the ambient temperature, the cooling performance may be effected. In this case, the temperature of Prime Fresh compartment should be set to the lowest temperature -5 °C.

■ Prime Freeze (For NR-YW590Y models)

- Freezing fresh or prepared food quickly according to each mode, while keeping their fresh taste.
- 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
- Depending on the purpose of food processing and the type of food, it is possible to choose from and apply different modes.

■ External Water Dispenser (For NR-YW590Y models)

ANTI BACTERIA

BPA FREE

- Allow users 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.

Highlighted Features

■ Adjustable slide glass tray (For NR-YW590Y models)

The adjustable slide glass tray in the Fridge compartment allows flexible adjustment of food storage capacity.

■ Fresh Safe Vegetable case

The large-capacity Fresh Safe Vegetable case is equipped with a Moisture control filter, which keeps vegetables fresh and prolongs their shelf life.

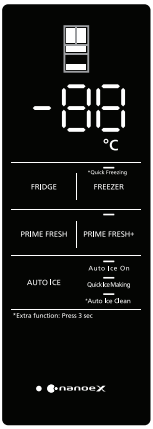
■ Quick Freezing

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

■ Convenient Operation Panel

※ For NR-YW590Y models

※ For NR-YW590X models



- It is possible to adjust the temperature and modes of the Fridge compartment, the Prime Fresh compartment, the Freezer compartment and the Prime Freeze case (for NR-YW590Y models) according to the user's intended purpose.
- The Fridge compartment and Freezer compartment have doors alarm to remind closing the refrigerator doors.
- The LED display and Operation Panel appear clearly and easy to use.
- For NR-YW590Y models, there is a Child Lock mode.

Installation

The distance requested for installation

5 cm

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

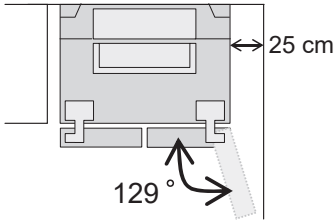
5 cm

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

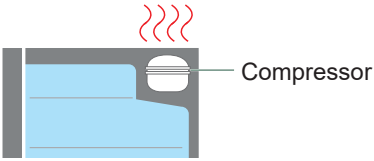
- The back of the refrigerator is at least 5 cm from the wall.

Caution

- In case the refrigerator is placed near to walls, it is necessary to ensure that the space between the left or right side of the refrigerator and the wall is at least 25 cm. If this space is less than 25 cm, the doors may not be fully opened and the glass trays, Vegetable case, etc. could not be taken out.



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



- When using for the first time: clean the inside of the refrigerator.
  - Use a soft damp cloth to clean the refrigerator.
  - Rinse the Water tanks, Water filters and Ice trays.
  - The smell of plastic could be smelt during the first time using the refrigerator. If the smell is a concern, it is recommended to ventilate the room.
- **Do not** place the refrigerator in a humid place as rust may form and may cause electric leakage.
- **Do not** place the refrigerator exposing to direct sunlight as the heat and sunlight will increase the temperature affecting the cooling capacity.
- **Do not** place the refrigerator near heat sources such as cooking stove or oven.
- **Do not** block the openings around the refrigerator.
- The refrigerator must be placed in an area where there is good air circulation.
- If the refrigerator is to be placed on an uneven surface, please adjust the adjuster bolts to ensure that the refrigerator is stable.

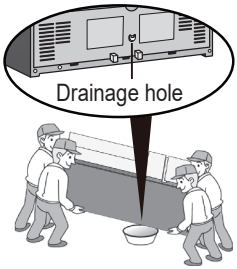
Installation

LED lamp and grounding

- The refrigerator LED lamp, specifically designed for this refrigerator. Do not replace it by yourself. If the LED lamp needs to be replaced, please contact Panasonic service center.
- If there is no grounding wiring plug in the refrigerator, it should be connected with a grounding connection to prevent electrical hazards from electrical leakage.

Moving or transporting

※ Before moving and transporting



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

※ How to move and transport

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

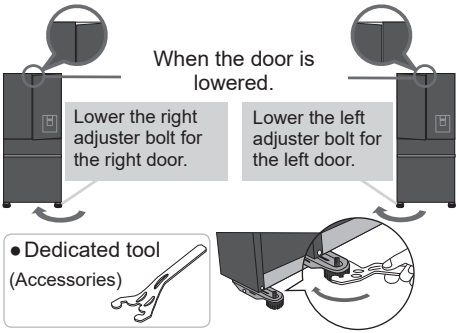
Caution

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

If the door is slanted downwards.

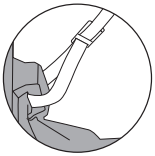
Turn the adjuster bolt on the lower side, as shown in the diagram, in order to adjust the level.

- The Freezer/Fridge doors may tilt within four to five days after installation due to the load of the food or adaptation to the floor surface, turn the corresponding adjuster bolt with the dedicated tool to adjust and level the door again to restore.



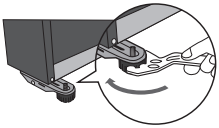
Have any measures taken against tipping due to earthquakes?

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



Fix the refrigerator.

Turn the adjuster bolts (right and left) until they reach the floor to stabilize the refrigerator.



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

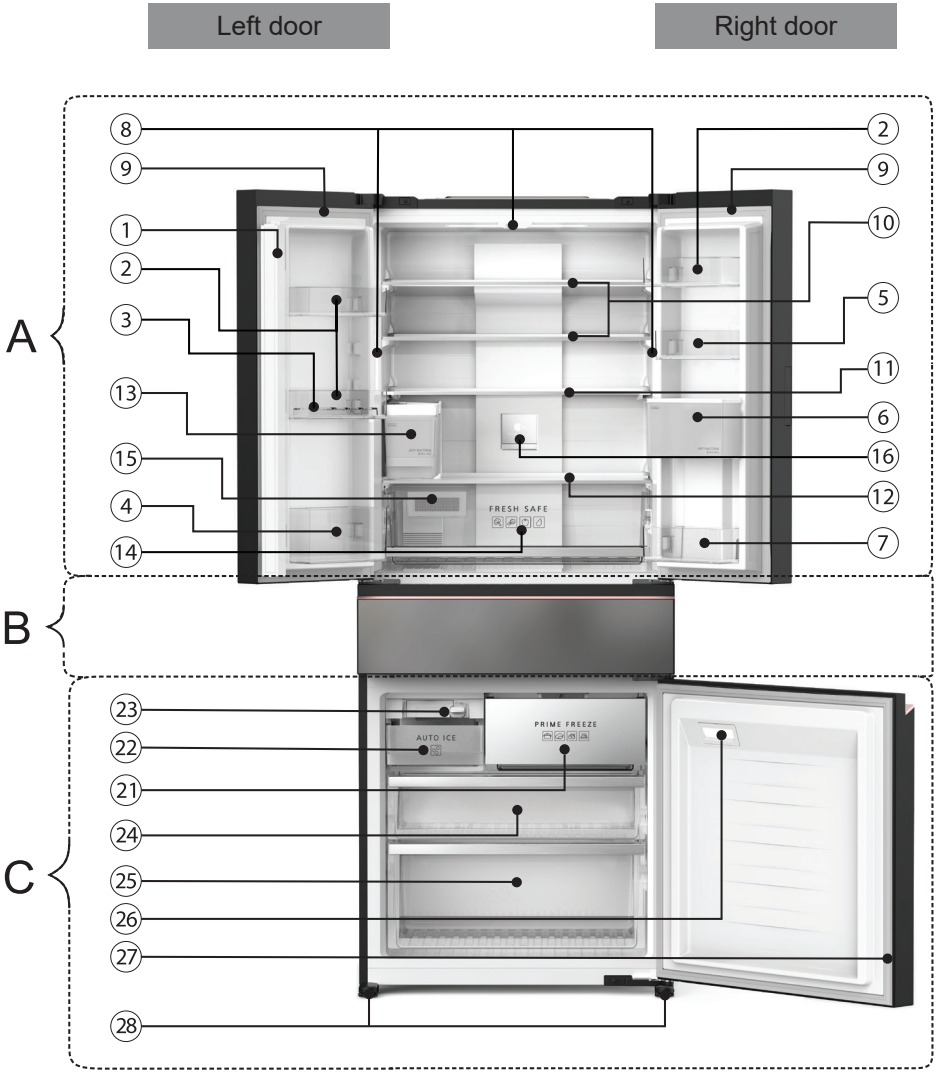
The doors should not be opened until the interior has been cooled down sufficiently. (Warm air flowing into the interior will block the cooling function.)

Please wait until the interior has cooled down.

- The refrigerator may take at least 4 hours (or longer especially in summer when the ambient temperature is high) of continuous running to cool down the interior, in the condition of no food items inside and the doors are not opened.
- Depending on ambient temperature and usage condition, it may take 24 hours to cool down the interior and achieve the correct temperatures.

Parts Identification

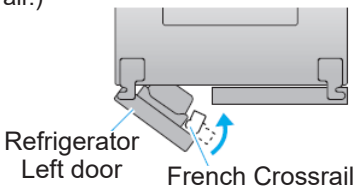
※ **For NR-YW590Y models**



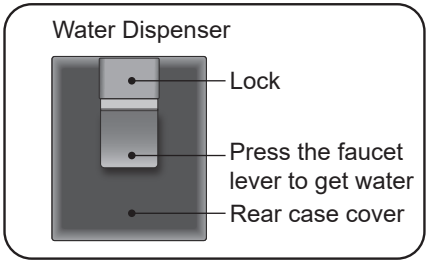
Parts Identification

A-Fridge compartment

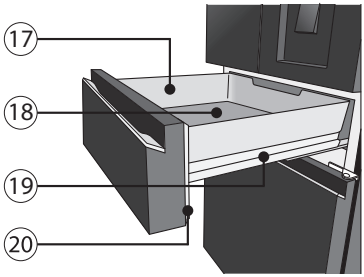
① French Crossrail
The French Crossrail minimizes the gap between the left door and the right door of the refrigerator. If this French Crossrail is opened forward, put it back into place.
(Otherwise, the refrigerator doors cannot be closed fully, causing the refrigerator to lose cool air.)



② Large door shelf (Quantity: 3 pcs)
③ Egg tray
④ Large bottle shelf
⑤ Small door shelf
⑥ Water tank of Water Dispenser
⑦ Small bottle shelf
⑧ LED of Fridge compartment (Quantity: 3 pcs)
⑨ Door gasket of Fridge compartment (Quantity: 2 pcs)
⑩ Glass tray (Quantity: 2 pcs)
⑪ Slide glass tray
⑫ Glass tray of Vegetable case
⑬ Water tank of Auto Ice maker
⑭ Vegetable case
⑮ Moisture control filter for Vegetable case
⑯ nanoe™ X icon



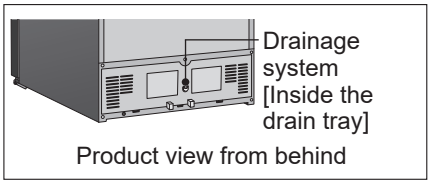
B-Prime Fresh compartment



⑰ Prime Fresh case
⑱ Aluminum tray
⑲ Steel guide rails of Prime Fresh compartment
⑳ Door gasket of Prime Fresh compartment

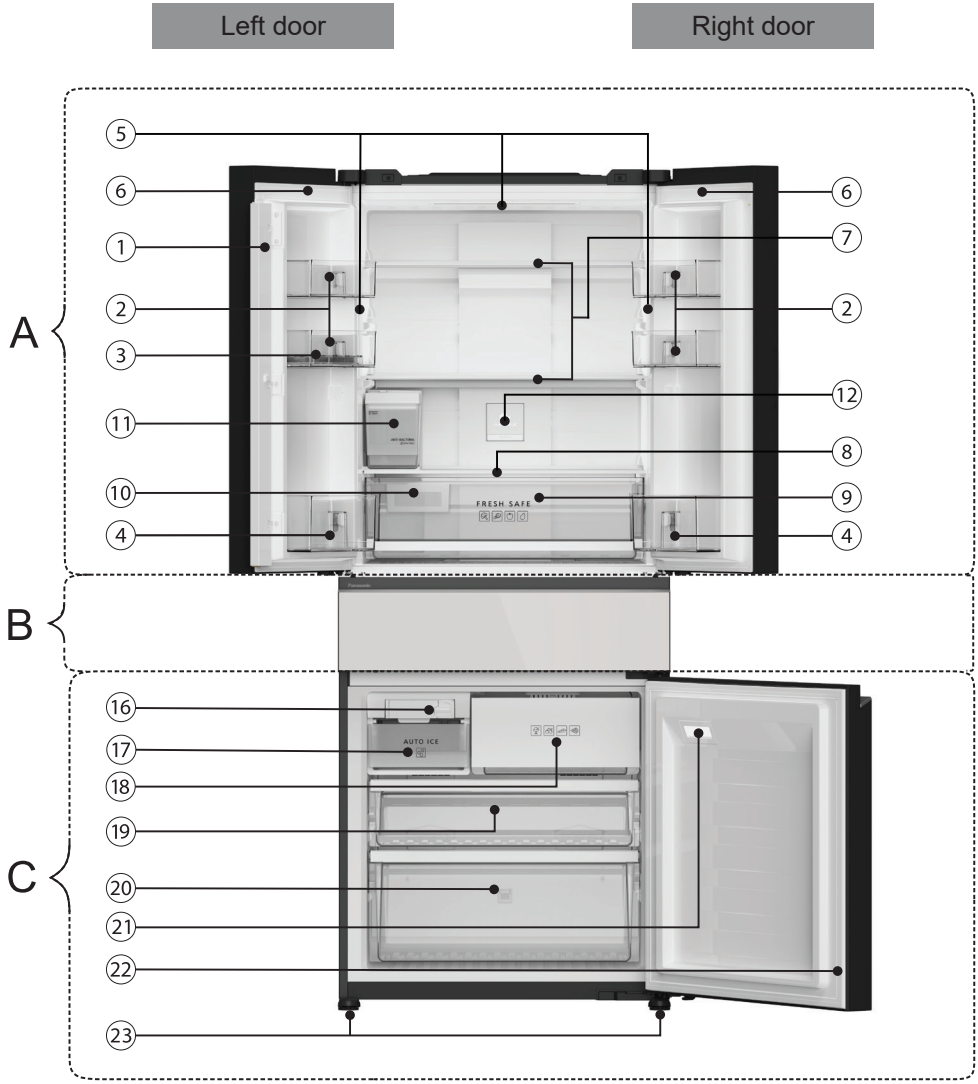
C-Freezer compartment

㉑ Prime Freeze case
㉒ Ice box
㉓ Auto Ice maker
㉔ Upper Freezer case
㉕ Lower Freezer case
㉖ LED of Freezer compartment
㉗ Door gasket of Freezer compartment
㉘ Adjuster bolts



Parts Identification

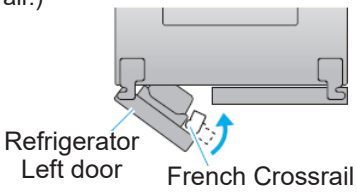
※ **For NR-YW590X models**



Parts Identification

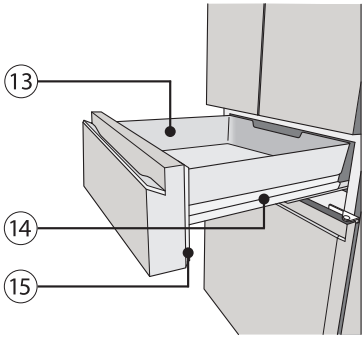
A-Fridge compartment

① French Crossrail
The French Crossrail minimizes the gap between the left door and the right door of the refrigerator. If this French Crossrail is opened forward, put it back into place.
(Otherwise, the refrigerator doors cannot be closed fully, causing the refrigerator to lose cool air.)



② Small door shelf (Quantity: 4 pcs)
③ Egg tray
④ Bottle shelf (Quantity: 2 pcs)
⑤ LED of Fridge compartment (Quantity: 3 pcs)
⑥ Door gasket of Fridge compartment (Quantity: 2 pcs)
⑦ Glass tray of Fridge compartment (Quantity: 2 pcs)
⑧ Glass tray of Vegetable case
⑨ Vegetable case
⑩ Moisture control filter for Vegetable case
⑪ Water tank of Auto Ice maker
⑫ nanoe™ X icon

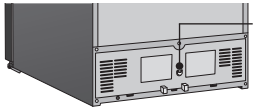
B-Prime Fresh compartment



⑬ Prime Fresh case
⑭ Steel guide rails of Prime Fresh compartment
⑮ Door gasket of Prime Fresh compartment

C-Freezer compartment

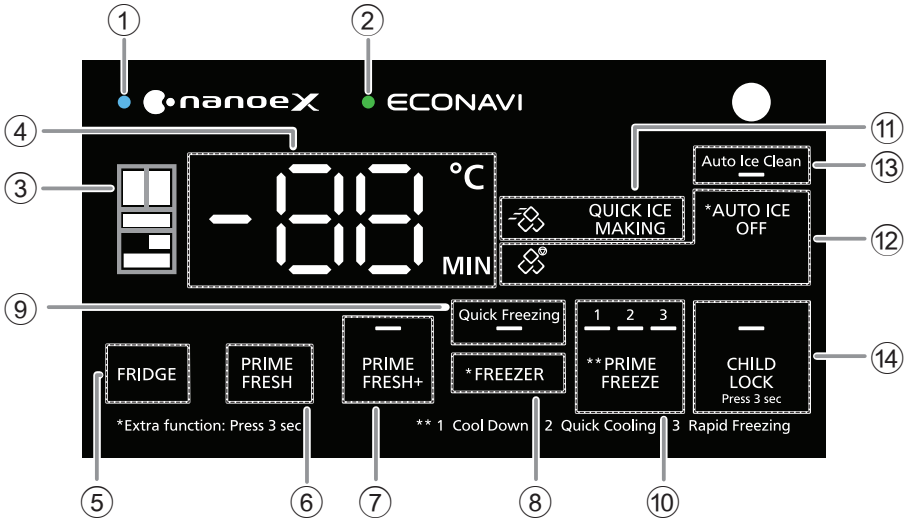
⑯ Auto Ice maker
⑰ Ice box
⑱ Upper Freezer case
⑲ Middle Freezer case
⑳ Lower Freezer case
㉑ LED of Freezer compartment
㉒ Door gasket of Freezer compartment
㉓ Adjuster bolts



Product view from behind

Operation Panel

※ **For NR-YW590Y models**

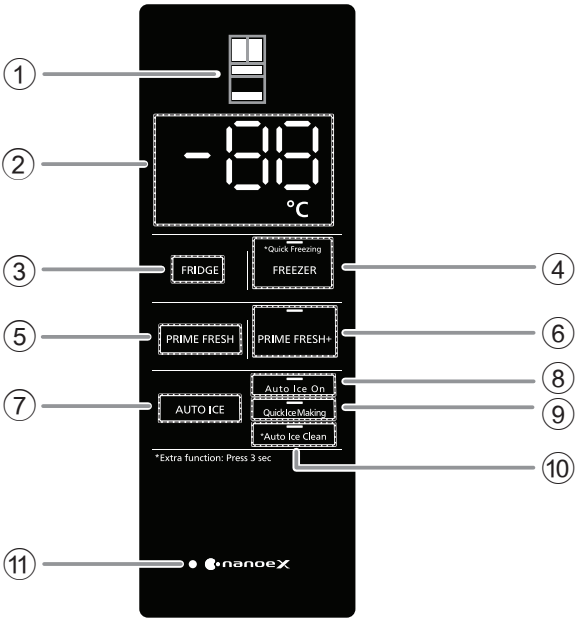


① Icon and LED of nanoe™ X: display the current status of nanoe™ X mode.
② Icon and LED of ECONAVI: display the current status of ECONAVI operation.
③ LED of compartments: the icon of the respective compartment will light up when the compartment is selected.
④ Temperature and time display area: display the temperature of Fridge compartment, Freezer compartment, Prime Fresh compartment and the time for modes of the Prime Freeze.
⑤ Temperature control button of Fridge compartment.
⑥ Temperature control button of Prime Fresh compartment.
⑦ Control button and LED of Prime Fresh+.
⑧ Temperature control button of Freezer compartment.
⑨ LED of Quick Freezing.
⑩ Control button and LED for modes of Prime Freeze.
⑪ Control button and LED of Quick Ice Making.
⑫ Control button and LED of Auto Ice Off.
⑬ LED of Auto Ice Clean.
⑭ Control button and LED of Child Lock.

Remark

- On the Operation Panel: "*Extra function: Press 3 sec", means that you need to press and hold the button beginning with "*" mark for 3 seconds when you want to start the extra functions.
- Under normal conditions, the LED of Operation Panel will turn off. When you press the buttons, the LED of Operation Panel will turn on. The LED of Operation Panel will turn off and all the buttons will not be operated when the refrigerator door is opened.
- In summer, when the temperature is high, if you put uncooled food in the refrigerator or open/close the refrigerator doors repeatedly, the temperature inside will increase. Therefore, it is necessary to reduce doors opening times.
- When first plugged in, the Operation Panel will display the introduction of modes and the temperature of compartments for about 10 seconds. Buttons will not be active during this period of time. After 10 seconds, the Operation Panel can be adjusted normally.

※ For NR-YW590X models



① LED of compartments: the icon of the respective compartment will light up when the compartment is selected.
② Temperature display area: display the temperature of Fridge compartment, Freezer compartment, Prime Fresh compartment.
③ Temperature control button of Fridge compartment.
④ Temperature control button of Freezer compartment and LED of Quick Freezing.
⑤ Temperature control button of Prime Fresh compartment.
⑥ Control button and LED of Prime Fresh+.
⑦ Control button of Auto Ice.
⑧ LED of Auto Ice On.
⑨ LED of Quick Ice Making.
⑩ LED of Auto Ice Clean.
⑪ Icon and LED of nanoe™ X: display the current status of nanoe™ X mode.

Remark

- On the Operation Panel: "*Extra function: Press 3 sec", means that you need to press and hold the button beginning with "*" mark for 3 seconds when you want to start the extra functions.
- Under normal conditions, the LED of Operation Panel will turn off. When you press the buttons, the LED of Operation Panel will turn on. The LED of Operation Panel will turn off and all the buttons will not be operated when the refrigerator door is closed.
- 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. Therefore, it is necessary to reduce doors opening times.
- When first plugged in, the Operation Panel will display the introduction of modes and the temperature of compartments for about 10 seconds. Buttons will not be active during this period of time. After 10 seconds, the Operation Panel can be adjusted normally.

Temperature Control

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

■ Temperature setting instructions

1. Display the current temperature

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

※ For NR-YW590Y models

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

※ For NR-YW590X models

Icon	Compartment	LED indicates position of the compartment	LED indicates temperature of the compartment
FRIDGE	Fridge compartment		4 °C
PRIME FRESH	Prime Fresh compartment		-3 °C
FREEZER	Freezer compartment		-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 by 1 °C within temperature setting range of the compartment. If the selection exceeds the compartment temperature range, the Operation Panel will display the temperature return to the lowest level in the above range.

3. Complete temperature setting

After completing the temperature setting, press another button to finish or wait for 5 seconds, the Operation Panel will save the setting that you have just made.

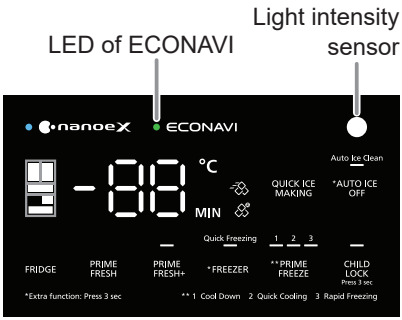
ECONAVI Operation

※ For NR-YW590Y models

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

■ ECONAVI Operation

- The refrigerator learns the lifestyle patterns of your family from door opening and time periods of infrequent use to maximize energy efficiency.
- The refrigerator learns your lifestyle patterns from the previous 3 weeks of use and uses that data from the 4th week onwards.
- The refrigerator performs the ECONAVI energy saving operation when it becomes dark around the refrigerator such as in the night.



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

ECONAVI Operation

■ **Settings for enabling ECONAVI Operation**

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

※ For NR-YW590X models

This model also has ECONAVI mode, but it does not feature the LED of ECONAVI and light intensity sensor.

nanoe™ X

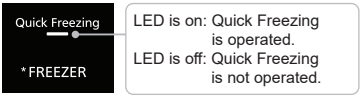
- A nanoe™ is a nano-sized ion particle coated with water particles.
  nanoe™ X are nano-sized electrostatic atomized water particles with 10 times the OH radicals of nanoe™.
- nanoe™ X will start when the refrigerator is plugged in and always run when the refrigerator is in use. However, nanoe™ X requires moisture when operating, the effectiveness of this mode will be reduced if the humidity inside the Fridge compartment is reduced (such as when storing a few of vegetables, or tubers).
- The nanoe™ X device may cause a small sound during operation.
- After the doors have been closed a long time, when open the doors of the refrigerator, it is possible to smell the odor of ozone generated during nanoe™ X operation, this is a normal phenomenon.

Quick Freezing

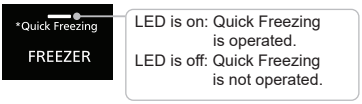
When Quick Freezing is set, the refrigerator will reduce the temperature quickly for better performance of preserving food.

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

※ For NR-YW590Y models



※ For NR-YW590X models



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

Remark

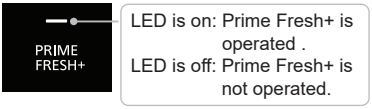
- The Quick Freezing operation will stop automatically after running for 150 minutes and return to normal mode. (The LED of Quick Freezing turns off)
- The flashing of LED of Quick Freezing means that the defrosting system is currently working. The Quick Freezing mode will start right after the defrosting operation is finished.
- The temperature of the Freezer compartment will return to its previous setting when the Quick Freezing mode ends.
- The following modes will be stopped when Quick Freezing is turned on:
  For NR-YW590Y models: Prime Fresh+, Quick Ice Making, Prime Freeze.
  For NR-YW590X models: Prime Fresh+, Quick Ice Making.

Prime Fresh+

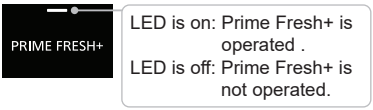
When Prime Fresh+ is set, the Prime Fresh compartment will reduce the temperature quickly for better performance of preserving food.

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

※ For NR-YW590Y models



※ For NR-YW590X models



- Press the “Prime Fresh+” icon twice in a row to start Prime Fresh+. Then, the LED of Prime Fresh+ will turn on.
- If you want to stop the Prime Fresh+ operation immediately, press the “Prime Fresh+” icon once until the LED of Prime Fresh+ turns off.

Remark

- Prime Fresh+ will stop automatically after running for 105 minutes (when the ambient temperature is 18 °C or less) or between 145 ~ 150 minutes (when the ambient temperature is higher than 18 °C) and return to normal mode. (The LED of Prime Fresh+ turns off.)
- The flashing of LED of Prime Fresh+ means that the defrosting system is currently working. Prime Fresh+ will start right after the defrosting operation is finished.
- The temperature of the Prime Fresh compartment will return to its previous setting when Prime Fresh+ ends.
- The following modes will be stopped when Prime Fresh+ is turned on:
  For NR-YW590Y models: Quick Freezing; Quick Ice Making; Prime Freeze.
  For NR-YW590X models: Quick Freezing; Quick Ice Making.
- Prime Fresh+ will not start when the temperature of the Prime Fresh compartment is being set at 0 °C ~ 4 °C.

Prime Freeze (For NR-YW590Y models)

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

■ How to operate Prime Freeze

1. Press the “Prime Freeze” icon on the Operation Panel. Then, the LED indicates position of the compartment, the LED indicates mode 1-2-3(*) 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 mode 1-2-3	LED indicates operating time
**PRIME FREEZE	Prime Freeze		1 2 3	MIN

(*) LED indicates mode 1-2-3:
- If the previous setting has not run out of time, the LED will display the previous setting mode.
- If there is no time left from the previous setting, all LED indicates mode 1-2-3 will turn off.

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

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

3. Complete the setting
After completing the setting, press any other button to finish or wait for 5 seconds, the Operation Panel will save the setting that you have just made.

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

■ Modes of Prime Freeze

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

Prime Freeze (For NR-YW590Y models)

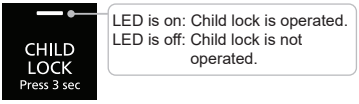
Remark

- Always place food on the aluminum heat transfer plate for the best effectiveness of cooling.
- When hot or wet food is placed on the aluminum heat transfer plate without a lid or food wrapper, the surface of the food may be frozen and the inside of Freezer compartment may be frosted. If you are worry, please use lids or food wrapper.
- If cooked food is still at a high temperature, it should be cooled down to about 70 °C before putting in the Prime Freeze case.
- Leaving a glass bottle or can inside the compartment may pose a risk of broken, cracking, or damage.
- Do not place the food which is higher than the height of the Prime Freeze case to avoid the risk that the Prime Fresh compartment does not close completely, causing frost and damaging food or food containers in the compartment.
- Do not touch the metal food container directly with wet hands, as there is a risk of frostbite.
- During the operation of Prime Freeze:
  - ECONAVI operation will be stopped.
  - The noise from the fan will be louder.
  - The power consumption will be higher than normal.
  - If Quick Ice Making, Quick Freezing, Prime Fresh+ are set, Prime Freeze will be stopped.
  - The flashing of LED for modes of Prime Freeze means that the defrosting system is currently working. Prime Freeze will start right after the defrosting operation is finished. This is a normal phenomenon.
- When Prime Freeze is not in use, this case can also be used as any other position in the Freezer compartment.
  - Small foods can be stored for easier finding.
  - The temperature in this compartment may be higher than the temperature in the entire Freezer compartment. For long-term preservation, please transfer food to the Freezer compartment.

Child Lock (For NR-YW590Y models)

When setting the Child Lock mode, the Operation Panel will disable the interaction to adjust temperature and modes in order to prevent unintended adjustment by children.

■ How to operate Child Lock



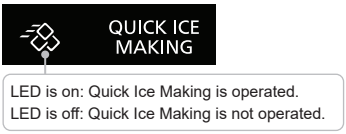
- Press the “Child Lock” icon and hold for 3 seconds to enable the Child Lock mode. Then, the LED of Child Lock will turn on.
- If you want to stop the Child Lock mode, press and hold the “Child Lock” icon again for 3 seconds until the LED turns off.

Quick Ice Making

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

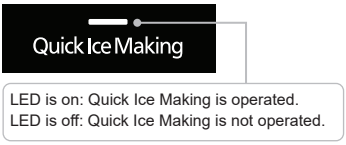
■ **How to operate Quick Ice Making**

※ For NR-YW590Y models



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

※ For NR-YW590X models



- **Case 1:** Press the “Auto Ice” icon twice in a row to start the Quick Ice Making.
- **Case 2:** If the Auto Ice Off is in process (LED of Auto Ice On is off), press the “Auto Ice” icon three times until the LED of Quick Ice Making turns on.
- After starting the Quick Ice Making, the LED of Quick Ice Making will flash, and the refrigerator will have a notification sound. The LED of Quick Ice Making will remain on during this time.
- If you want to stop the Quick Ice Making operation immediately, press the “Auto Ice” icon twice in a row until the LED of Quick Ice Making turns off.

Remark

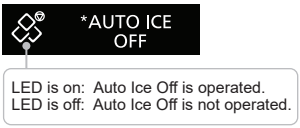
- The following modes will be stopped when Quick Ice Making is turned on:
  For NR-YW590Y models: Prime Fresh+, Quick Freezing, Auto Ice Off, Prime Freeze.
  For NR-YW590X models: Prime Fresh+, Quick Freezing, Auto Ice Off.

Auto Ice Off and Auto Ice Clean

When the refrigerator is in operation, the Auto Ice Making 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 Making and clean the ice maker automatically.

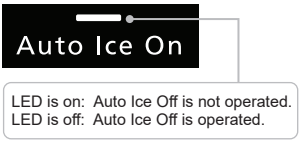
■ How to operate the Auto Ice Off

※ For NR-YW590Y models



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

※ For NR-YW590X models



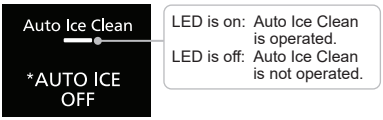
- **Case 1:** Press the “Auto Ice” icon three times until the LED of Auto Ice On turns off.
- **Case 2:** If the Quick Ice Making is in process (LED of Quick Ice Making is on), press the “Auto Ice” icon twice until the LED Auto Ice On turns off.
- After starting the Auto Ice Off, the LED of Auto Ice On will flash, and the refrigerator will have a notification sound, then the LED Auto Ice On turns off
- If you want to stop the Auto Ice Off operation immediately, press the “Auto Ice” icon once until the LED of Auto Ice On turns on.

Remark

- When the Auto Ice Off is on, Quick Ice Making, if active, will be stopped.
- For NR-YW590X models, in the default state, LED of Auto Ice On is always on.

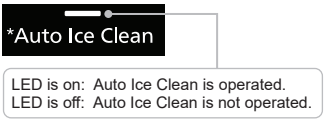
■ How to operate the Auto Ice Clean mode

※ For NR-YW590Y models



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

※ For NR-YW590X models



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

Remark

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

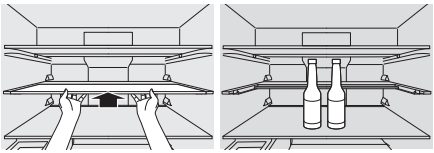
For details on the cleaning operation of Auto Ice maker, please refer to Page 32.

Fridge compartment

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

How to use slide glass tray (For NR-YW590Y models)

Slide the front-half glass tray to the back, then you can store taller items with out needing to store lying down.



Vegetable case

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

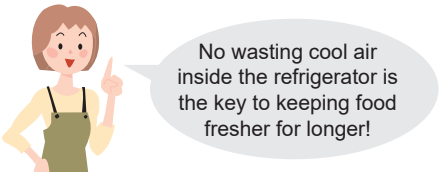
Note

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

Tips for food preservation

■ Do not over stock too many food items

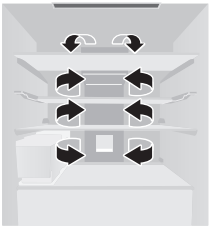
When there are too many food items and there is no space for cool air circulation inside the refrigerator, the cooling capacity will be affected.
Provide sufficient space between foods.



■ Do not block the cool air outlet with food items

If the cool air does not spread into every corner of compartments, then the interior will not be sufficiently cooled and more electricity will be consumed.
Therefore, food should not be placed in front of the cooling air vents(*) and block the air circulation.

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



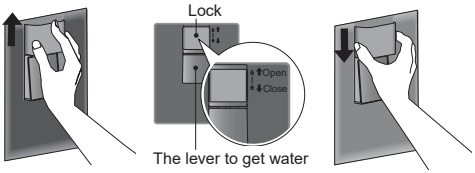
Fridge compartment

How to use the Water Dispenser (For NR-YW590Y models)

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

■ How to get water

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

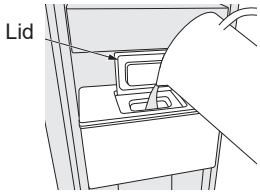


Attention

- After taking enough water, slowly take the cup out to avoid the water leaking.
- Use a clean cloth to dry if any water spills out.
- When you need to lock the Water Dispenser, pull the lock downward until it touches the bottom edge and the red line can be seen.
  If it is no need to lock the Water Dispenser, skip this step.

■ How to use Water tank

1. Open the lid and pour water into the Water tank of Water Dispenser.
2. Close the lid tightly and close the refrigerator door.



Attention

- 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.
- Ensure that the Water tank is always installed in the right position when the refrigerator is in use. Otherwise it will affect the cooling efficiency and cause sweating in the Fridge compartment door.
- Check the Water tank before use.
- Hardness of water must be 100 mg/L or less. The minerals may appear as white floating particles. They are not harmful.
- Water container should be filled from drinkable tap water. This product is not designed to replace a water treatment system. Not suitable for untreated rain Water tanks.

Prime Fresh compartment

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

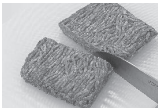
- The temperature for soft freeze is -5 °C ~ -1 °C.
- The temperature to use the Prime Fresh compartment as the Fridge compartment is 0 °C ~ 4 °C.

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

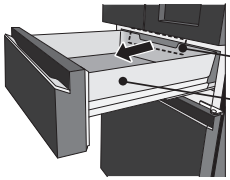
Using Prime Fresh case	Approx. -5 °C ~ -1 °C

- This compartment is suitable for storing fresh food, such as meat or fish. Compared to storing in the Fridge compartment, the storage life of meat or fish is extended.
- When food is too frozen.
  Sliced raw fish or meat may be too frozen. Set the temperature to higher than -3 °C to prevent food from over frozen.

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



- When food is not partially-frozen.
  Depending on the type of food, such as a large block of meat or a large fish, or the food fullness of the case, the storage conditions, and the ambient temperature, food may not be partially frozen as it intended. If this is the case, then set to the lowest temperature of -5 °C.
- Do not overstock the case with too many food items. When there are too many food items and there is no space for cool air circulation inside the refrigerator, the cooling capacity will be affected. Provide sufficient space between foods inside Prime Fresh case.
- When storing food in large amount, e.g. a large block of meat, a large fish or a chicken, it is advisable to place the food at the center of the Prime Fresh case to optimize the cooling performance.
- When the temperature of the Prime Fresh case is set at 0 °C ~ 4 °C, the Prime Fresh+ mode will not operate in order to prevent food spoilage.
- Do not block the cool air outlet with food items inside the Prime Fresh case.
  If the cool air does not spread into every corner of Prime Fresh case, then the interior will not be sufficiently cooled and the food may be affected.
  Therefore, food should not be placed in front of the Cooling air guide (on the Prime Fresh case) to prevent blocking the air circulation inside the compartment.



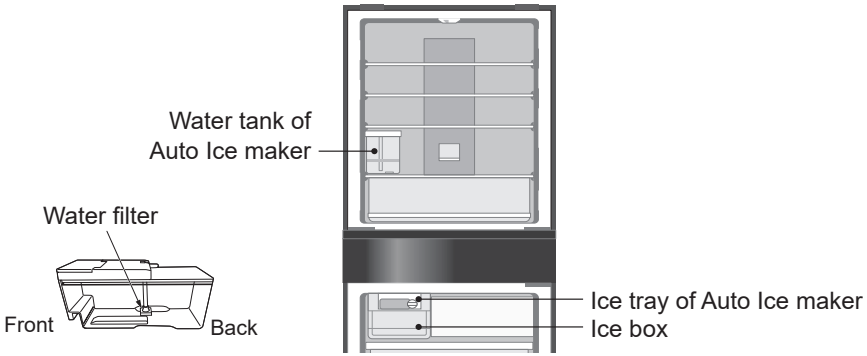
Freezer compartment

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

Three tips for freezing food and locking in the flavour

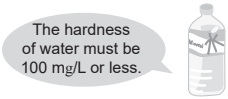
1. Freeze thin and small items of food quickly
2. Fully sealed
3. Do not refreeze

Auto Ice Making



To use the Auto Ice maker in comfort

○ Please use only drinking water for Auto Ice Making.



Drinking water

✕ Do not put liquids such as the following into the Water tank.
(These liquids may damage the Auto Ice maker).

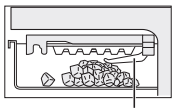
Juice, etc. | Sports drinks | Carbonated beverages | Hot water

Tips

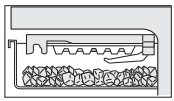
- The hardness of water must be 100 mg/L or less. The minerals may appear as white floating particles. They are not harmful.
- When using the Auto Ice maker for the first time, odor or dust may be on the Ice tray, etc. Please throw away the first lot of ice.
- Remember to regularly use the Auto Ice Clean function of the Auto Ice maker (Page 26).

Attention

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



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



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

Request

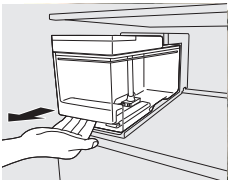
- Do not pour water directly into the Ice box to make ice.
  (Otherwise, the Ice box may be broken.)
- Do not put food or other things into the Ice box.
  (Otherwise, the amount of ice cannot be correctly detected and Auto Ice Making may be stopped or the Ice box cannot be pulled out.)

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

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

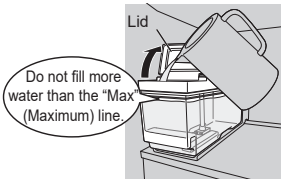
How to use Water tank of Auto Ice maker(*)

1. Take the Water tank out.



Pull out the Water tank until it is blocked.

2. Fill with water.



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

3. Install the Water tank.

Confirm the direction of the tank and install until the tank reached the end lock.
(If the Water tank does not reach the end lock, the Auto Ice maker could not operate.)

(*)Ice could be made in approx. 2 hours, with the temperature in the Fridge compartment is 4 °C, Prime Fresh compartment is -3 °C, and Freezer compartment is -20 °C.

How to make ice quickly

■ **In the Quick Ice Making mode, the ice making speed will be increased.**
Ice can be made within 90 minutes(**) at the quickest.

Remark

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

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

Freezer compartment

How to clean the Auto 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 Auto Ice maker.
After selecting the Auto Ice Clean mode, water will be automatically poured into the Ice tray and water supply pipe 3 times (for about 2 minutes) to drain the water.
When selecting Auto Ice Clean mode, make sure there is enough water in the Water tank.

1. Pull out the Ice box, remove all ice cubes from the Ice box (after the ice cubes are fully formed), and then install the Ice box back.
2. Fill the Water tank with water.
3. Select the Auto Ice Clean mode (Page 26).
   - At the same time, the refrigerator will sound a notification and begin to clean the Auto 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 LED of Auto Ice Clean on the Operation Panel will turn off, the Auto Ice maker cleaning process will end and the Auto Ice Making will be started.
4. Pull out the Ice box from the Freezer compartment, throw away the water in the Ice box and wipe the water off.
   If you do not clean all water on the Ice box, the Ice box may be broken.

How to turn off Auto Ice maker

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

■ Turn off Auto Ice Making

1. Select the Auto Ice Off mode, the LED of Auto Ice Off on the Operation Panel (For NR-YW590Y models) will turn on or LED of Auto Ice On on the Operation Panel (For NR-YW590X models) will turn off and the refrigerator will stop making ice (Page 26).
2. No need to pour water in the Water tank. The remaining water inside the Water tank will keep making ice, and ice cubes will be available after 2 hours. Or when the Ice box is full, the Auto Ice Making will be stopped.
3. When you want to continue making ice automatically, please select the Auto Ice Off mode, and the LED of Auto Ice Off on the Operation Panel (For NR-YW590Y models) will turn off or LED of Auto Ice On on the Operation Panel (For NR-YW590X models) will turn on (Page 26).

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

1. Empty the Water tank and remove all ice cubes from the Ice box.
2. Clean the Water tank, Water filter, Water tank seal rubber and Ice box; dry and put them back to their place.
3. When using again, please refill the Water tank and put it back.

■ When transporting the refrigerator

1. Empty the Water tank and remove all ice cubes from the Ice box.
2. Select the Auto Ice Clean, the LED of Auto Ice Clean on the Operation Panel will turn on and the refrigerator will start cleaning the ice maker.
   (At this time the ice cubes and water in the process of making ice will fall into the Ice box)
3. The cleaning process will stop after 2 minutes. Take out the Ice box and empty the ice cubes and water in the Ice box.
4. Clean the Water tank, Water filter and Ice box; dry and put them back to their 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 detachable items 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.

Clean the detachable items occasionally.

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

Clean the door gasket at least once a month.

Clean by wiping with a soft damp cloth. Lubricated gel has been applied to the door gasket on the hinge side of the refrigerator, be careful not to wipe it off.

Rub the door surface with a soft damp cloth.

Point where lubricated gel was applied

Notices

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

Requests

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

Kitchen detergents (They crack plastic!)

Cleanser or soap powder

Benzine, thinner, alcohol, acid, petroleum

Scrubber

Hot Water

How to clean the Refrigerator

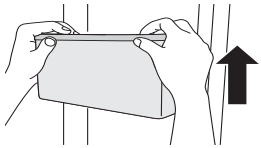
Door shelf/Bottle shelf — Once every 3 months

■ **Removing**

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

■ **Attaching**

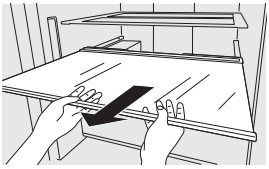
2. Placing it on both supporters, and then press until it reaches the end of supporters.



Tray — Once every 3 months

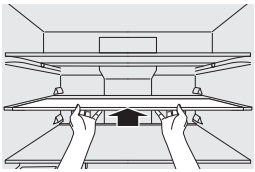
■ **Removing**

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



■ **Attaching**

Push the tray until it reaches the end lock.

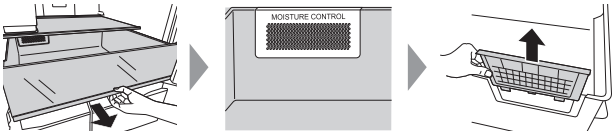


Remark

- To easily take out the glass trays from the refrigerator, please remove Door shelves and Bottle shelves first.
- The Glass tray of Vegetable case is cleaned by directly cleaning inside the refrigerator. (Due to its fixed design.)
- In case of attaching the tray and it does not lock, make sure that you did not attach it into it the wrong tray.
- Trays made of glass are 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.

Moisture control of Vegetable case — Once every 3 months

1. After pulling out the Vegetable case, the Moisture control is located at the back of the Vegetable case.
2. Slide the Moisture control upward to remove it.



Remark

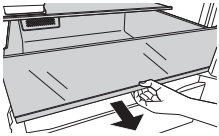
- After cleaning by water, wipe it or let it dry.
- For tough stains, dilute (neutral) kitchen detergent, and gently wash with a soft toothbrush, then rinse thoroughly with water.

※ For NR-YW590Y models

※ Vegetable case

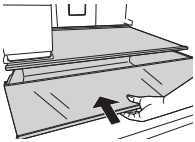
■ **Removing**

1. Fully open both doors of the Fridge compartment.
2. Remove the Large bottle shelf ④ and Small bottle shelf ⑦ (According to Parts identification in Page 12, 13 before removing the Vegetable case.
3. Pull the case forward until it reaches the end and gently lift the front of the case to remove it completely.



■ **Attaching**

1. Insert the case into the shelf.
2. Gently lift the case and push forward until it reaches the end.
3. Install Large bottle shelf ④ and Small bottle shelf ⑦ into the doors.



※ Freezer cases

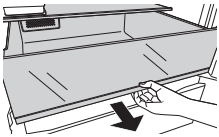
Skip the steps of removing and installing the Large bottle shelf ④ and Small bottle shelf ⑦. Remove and install Freezer cases in steps same as Vegetable case.

※ For NR-YW590X models

※ Vegetable case

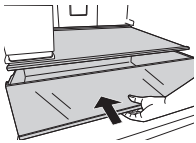
■ **Removing**

1. Fully open both doors of the Fridge compartment.
2. Remove the Bottle shelf ④ (According to Parts identification in Page 14, 15 before removing the Vegetable case.
3. Pull the case forward until it reaches the end and gently lift the front of the case to remove it completely.



■ **Attaching**

1. Insert the case into the shelf.
2. Gently lift the case and push forward until it reaches the end.
3. Install Bottle shelf ④ into the doors.



※ Freezer cases

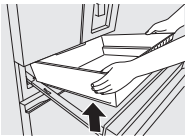
Skip the steps of removing and installing the Bottle shelf ④. Remove and install Freezer cases in steps same as Vegetable case.

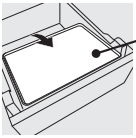
How to clean the Refrigerator

Prime Fresh case — Once every 3 months

■ Removing

1. Pull out the Prime Fresh compartment completely.
2. Gently lift the front of the Prime Fresh case and remove it diagonally.





For NR-YW590Y models: Aluminum heat transfer plate
(Note that the aluminum plate is easy to be scratched and deformed)

■ Attaching

1. Pull out the Prime Fresh compartment completely.
2. Gently place the Prime Fresh case diagonally back to its original position, until it reaches the end.

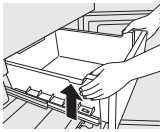
Remark

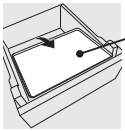
- When installing the case, make sure to install the front and the back of the case properly. The front of the case has the word “Front”.
- For NR-YW590Y models, the aluminum heat transfer plate can be removed; however, remember not to hold it with wet hands when the aluminum plate is cold, as there may be a risk of frostbite.
- For NR-YW590Y models, if cleaning by water, wipe the aluminum plate or allow it to dry before reinstalling into the refrigerator.
- Do not wipe the lubricant off the steel guide rails or the contact surface of the guide rail. If you have wiped out the lubricant, please contact with the Panasonic service center.

Prime Freeze case (For NR-YW590Y models) — Once every 3 months

■ Removing

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





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

■ Attaching

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

Remark

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

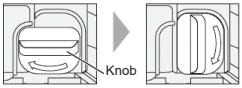
Ice tray — Once every 3 months

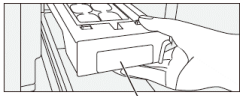
The Ice tray can be cleaned by using the Auto Ice Clean function (Page 26). In addition, the Ice tray can be removed and cleaned manually.

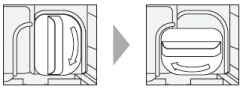
How to clean the Ice tray manually.

■ Remove and clean the Ice tray

1. Select the Auto Ice Off (Page 26).
2. Turn the knob on the Auto Ice maker to the unlocked position.
3. Pull the protruding side forward to remove the Ice tray.
4. Clean it with water. (Do not use sharp scouring pads to scrub the surface of Ice tray. If the Ice tray is scratched, ice may not be properly released, leading to a malfunction.)







Remark

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

■ Attaching

1. Push the Ice tray in until you hear a “click”.
2. Turn the knob into the locked position.
3. Disable the Auto Ice Off (Page 26) to restart the Auto Ice Making.

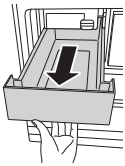
Remark

- Ice will not be made automatically when the Auto Ice Off is turned on.
- Do not pour water directly into the Ice tray after manual cleaning.That may cause ice cubes sticking together or a malfunction.)
- Turning the knob into the locked position after cleaning and checking the lock position of the Ice tray regularly is essential to ensure that the Auto Ice maker is working properly. If the knob is unlocked, the Auto Ice maker may not work.

Ice box — Once every 3 months

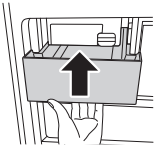
■ Removing

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



■ Attaching

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



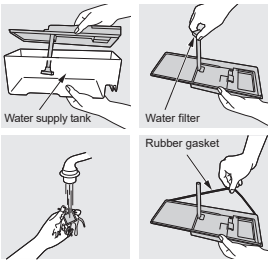
Remark

- Stop the Auto Ice Making function before cleaning the Ice box (Page 26).

How to clean the Refrigerator

Water tank/Water filter (of the Auto Ice maker) — Weekly

1. Open the lid and clean the Water tank with water.
2. Rotate the Water filter to remove the hook and remove the Water filter.
3. Gently wash the Water filter in water.
4. Remove the seal rubber on the edge and clean it with water.
5. Put the Water filter and rubber back into place.



Remark

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

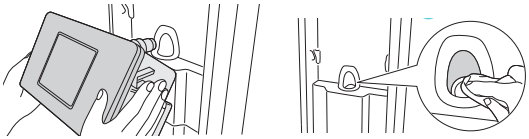
Water tank/Water filter (of Water Dispenser) (For NR-YW590Y models) — Weekly

■ Removing

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

■ Attaching

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.

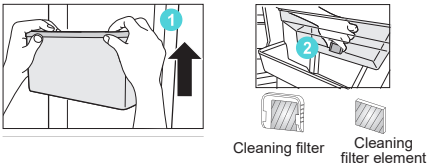


Remark

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

■ Replace filter

1. Open the lid at the right corner using a hand.
2. Lift the filter straight out of the lock.
   Replace with a new hygiene filter. Put the filter back to its original position and close the lid tightly.



Remark

- The hygiene filter is recommended to be replaced every 3 years.
- The hygiene filter can be purchased at all authorized Panasonic service center.

Troubleshooting

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

The refrigerator does not operate.

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

The refrigerator does not cool enough.

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

Dew, frost appears.

Outside

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

Inside

- Is the door closed firmly?
- Is the door being opened and closed too frequently?
- Condensation inside the refrigerator can also be caused by leaving high-humidity foods uncovered or unwrapped.
- When the humidity is high, the door is open for a long time, or when the refrigerator contains too much food or makes too much ice, frost may form inside the Freezer compartment at the location of the Freezer cases, Ice box or the Prime Freeze (for NR-YW590Y models). This is normal. Please wipe with dry and soft cloth.

The refrigerator generates noise.

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

Troubleshooting

The inside is smelling.		● Do you store food with dry odor without wrapping it?
The back and sides of the refrigerator are warm and hot.		● Because the refrigerator is equipped with the dew prevention and heat radiation tubes, the back and sides 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 operates. ● The dilatation of the details inside the refrigerator in the cooling process can cause sound “crack-crack”. ● You may feel that the operation sound is larger because the compressor operates in high-speed under the following conditions: the refrigerator does not cool fully on the occasion such as using it for the first time, opening/closing the door too frequently, the surrounding temperature is high. The sound becomes more quiet after cooling fully.
LED does not turn on.		● Please contact Panasonic service center.
Auto Ice Making	**The refrigerator does not make ice.**	● If the water in the tank does not decrease after a while, the Auto 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 Auto Ice Off is set. (Page 26) ● Be sure to fully push the Water tank and Ice tray into place. ● Do not leave food in the Auto Ice maker. ● Do not install or remove the Ice tray frequently. ● Check if the Water tank is almost empty. ● If water spills on the Ice box, clean it up. ● Please contact Panasonic service center.
	The ice does not form any ice cube	● Is the temperature of Freezer compartment set to a higher temperature than -20 °C? → Adjust to a lower temperature. (Page 18, 19)
	Unusual shape of ice cubes.	● There are protrusions. → The grooves of the Ice tray may be frozen. ● The ice cubes are round or connected to other ice cubes. → Ice has been stored for a long time. (Ice cubes get round of connected by sublimation.) ● The ice is small.→ Small ice cubes are made when there is no water left in the tank.

Troubleshooting

The Operation Panel flashes.		● Are you adjusting the temperature of your refrigerator? → Flashes during adjusting. Please complete the setting or the Operation Panel will stop flashing after 5 seconds.
Food becomes frozen.		● Do you put the food near cold air holes? ● Do you adjust the temperature control to less than 4 °C for the Fridge compartment and/or -3 °C for the Prime Fresh compartment? → Adjust to a higher temperature. ● Do you put food in Prime Fresh compartment?
The LED of ECONAVI does not come on normally. (For NR-YW590Y models)	**The ECONAVI function does not work (LED of ECONAVI does not come on).**	● Are Prime Freeze (for NR-YW590Y models), Quick Freezing, Quick Ice Making in active? ● When the temperature is not set at 4 °C for the Fridge compartment and -20 °C for the Freezer compartment, the ECONAVI function does not activate automatically. ● Is the door opened too often or are there hot food stored in the refrigerator? ● The learning function can automatically disable the ECONAVI operation during regular use. ● Does the refrigerator display any error codes?
	The ECONAVI operation is rarely active.	● Is there a power failure? If there is a power failure, the data collected by the learning function until the power failure will be lost. The ECONAVI operation is rarely active until the learning function could collect the data again.
	The ECONAVI operation is stopped halfway.	● If the automatic defrost function is enabled while the ECONAVI operation is active, the normal cooling mode will be activated after the defrosting process completes. As a result, the ECONAVI operation may be stopped during defrosting/cooling. ● Sometimes, the learning function restarts the normal cooling mode.
	The ECONAVI operation works too often (LED of ECONAVI rarely turns off).	● Is the light intensity sensor hidden? ● Are there any dirt or scratches on Operation Panel of the light intensity sensor? ● The ECONAVI operation may operate while the refrigerator is in use depending on the usage conditions, but the cooling operation is still maintained.
Error display on Operation Panel.		●U10: Warning if doors are opened too long. → Check that the doors are closed properly.
		● The letter “H” and two digits are displayed on Operation Panel. For example: H01 → Please contact the Panasonic service center for support.

Troubleshooting

Prime Freeze (For NR-YW590Y models)	**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 compartment. ● 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 22)
	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 Freezing, Prime Fresh+ are set during the operation of Prime Freeze, Prime Freeze will be stopped.
Prime Fresh case	**Food is over-frozen or not frozen.**	● When the food in Prime Fresh case is over-frozen. → Please set to a higher temperature than -3 °C. ● When the food in Prime Fresh case is not partially frozen. → Set the temperature to as low as -5 °C.
	Not cool, not freezing.	● Cooling or freezing may not be sufficient depending on the type of food, packaging condition, storage capacity, and how often the door is opened and closed. → Create space between foods for cold air circulation, arrange similar sized food in a Prime Fresh case and adjust the temperature accordingly.
	Not fully sealed.	● When there is too much food, it may overflow from Prime Fresh case and enter the gap behind Prime Fresh case, causing it not to be fully sealed. → Check the back of Prime Fresh case contains food items? If so, remove them before attaching Prime Fresh case. → Arrange food properly to avoid overflowing.

Specifications

Model No.		NR-YW590Y	NR-YW590X
Freezer Star Rating		✱***	
Capacity (L) (IEC 62552:2015+A1:2020)	Total	540	545
	Freezer	186	188
	Fridge, Prime Fresh	354	357
Outside Dimensions Width x Depth x Height (mm)		750 x 750 x 1890	
Net Weight (kg)		100	100
Refrigerant Type		R600a	
Cooling System		Non-frost cooling.	
Rated Voltage (V) Rated Frequency (Hz)		Refer to the rating label attached inside the cabinet.	

Memo

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備忘錄

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規格

型號		NR-YW590Y	NR-YW590X
急凍等級		✱✱✱✱	
容量 (公升) (IEC 62552:2015+A1:2020)	合計	540	545
	冷凍室	186	188
	冷藏室, 主保鮮室	354	357
外型尺寸 闊 × 深 × 高 (毫米)		750 x 750 x 1890	
淨重 (kg)		100	100
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。	

雪櫃使用說明指引

急凍格 (對於 YW590Y 型號)	食物融化。	● 使用急凍格長時間儲存冷凍食品，或將高脂冰淇淋儲存在冷凍室。 ● 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。 →重新設置急凍模式（Prime Freeze）。（第22頁）
	中途停止運行。	● 如果在除霜過程中設置急凍模式（Prime Freeze），時間顯示屏會計數，但風機會停止，食物不夠冷。除霜後，請重新設置急凍模式（Prime Freeze）。 ● 如果在運行急凍模式（Prime Freeze）時設置了快速製冰、速凍、新主保鮮制模式，則急凍模式將停止。
主保鮮格	食物冷凍過度或未冷凍。	● 當主保鮮格中的食物冷凍過度時。 → 請設置高於 -3 °C 的溫度。 ● 當主保鮮格中的食物未部分冷凍時。 → 將溫度設置為低至 -5 °C。
	不冷，不凍結。	● 根據食物的類型、包裝條件、存儲容量以及門打開和關閉的頻率，冷卻或冷凍可能不夠。 → 在食物之間留出空間讓冷空氣流通， 將大小相似的食物放。入主保鮮格中，並相應地調節溫度。
	沒有完全密封。	● 當食物過多時，可能會從主保鮮格溢出，進入主保鮮格後面的縫隙，造成密封不全。 → 檢查主保鮮格的背面是否有食品？ 如果是這樣，請在安裝主保鮮格之前將其取下。 → 妥善擺放食物，以免溢出。

雪櫃使用說明指引

操作面板閃爍。

- 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，或操作面板將在5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，冷藏室為 4 ℃，主保鮮室為 -3 ℃？
  → 請調整為更高的溫度。
- 是否把食物放在主保鮮室？

ECONAVI模式的LED燈不能正常點亮。(對於 NR-YW590Y 型號)

ECONAVI功能不運行（ECONAVI模式的LED燈燈不亮）。

- 急凍模式（Prime Freeze）(對於 YW590Y 型號)、速凍模式（Quick Freezing）、快速製冰模式（Quick Ice Making）等模式是否處于運行狀態？
- 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模式中途停止。

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

ECONAVI模式運行太頻繁（ECONAVI模式的LED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，但仍保持製冷模式的運行。

操作面板顯示的錯誤。

- 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Panasonic服務中心尋求支持。

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？
雪櫃的背面和側面溫暖而灼熱。		● 解熱系統位於櫃壁內部，雪櫃運行時櫃體背面和側面溫度較高。 ● 當製冷啓動會櫃門經常開閉時，背部和兩側發熱會更爲明顯。
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。 ● 雪櫃內附件在製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。
LED無法打開。		● 請聯繫 Panasonic 電器服務中心。
自動製冰	雪櫃不製冰。	● 如果一段時間後水箱中的水沒有減少，即製冰模式不運行。 ● 雪櫃內部足夠冷後開始製冰過程。（開始使用可能需要24小時以上。） ● 檢查是否設置為自動製冰停止模式（Auto Ice Off）？（第26頁） ● 務必將水箱和冰盤完全推入到位。 ● 請勿將食物存放在製冰機中。 ● 請勿頻繁安裝或取下冰盤。 ● 檢查水箱中的水是否充足。 ● 如果水溢在製冰室，請清潔幹淨。 ● 請聯系Panasonic服務中心。
	冰塊不會凍結成冰。	● 冷凍室的溫度是否設置為高於 -20 ℃？ → 請調整為較低的溫度。（第18頁 ~ 第19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

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。

- 檢查確保操作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？

出現水珠、結霜。

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。

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于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製冰時，冷凍室收納盒的冷凍室、冰盒的或急凍格 (對於 YW590Y 型號)。這種現象是正常的。用柔軟的幹布擦拭幹淨。

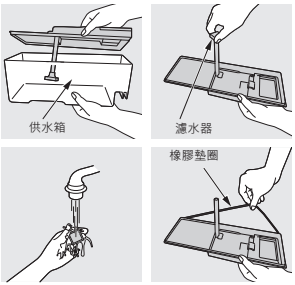
雪櫃發出噪聲。

- 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。

如何清洗雪櫃

供水箱/濾水器（自動製冰機的） 每周

1. 打開蓋子，用水沖洗自動製冰機水箱。
2. 旋轉濾水器以取下呆鈎並將其取下。
3. 用水輕輕沖洗過濾水器。
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，可能無法正確地製冰。

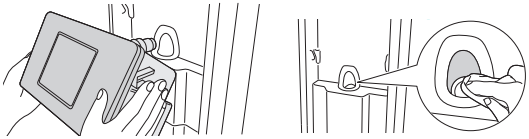
外置取水器水箱/濾水器（外置取水器的）(對於 YW590Y 型號) 每周

■ 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。

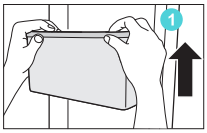


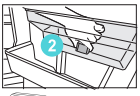
注意

- 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

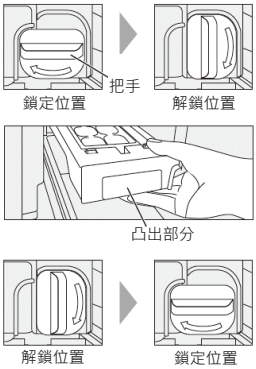
注意

- 建議每 3 年更換一次過濾器。
- 可以聯系全國的Panasonic服務中心購買新的自清潔式過濾器。

冰托　每三個月清洗一次

可以使用自動製冰機清潔模式（Auto Ice Clean）功能清潔冰盤（第26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. 選擇自動製冰模式（Auto Ice Off）（第26頁）。
2. 將製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幹機。

■ 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。
3. 關閉自動製冰停止模式（Auto Ice Off）（第26頁），以重新啓動製冰。

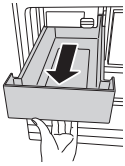
注意

- 僅在關閉自動製冰停止模式（Auto Ice Off）時，方可製冰。
- 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）
- 清潔後將旋鈕轉到鎖定位置並定期檢查製冰盤的鎖定位置對於確保自動製冰機正常工作至關重要。如果旋鈕未鎖定，自動製冰機可能無法工作。

冰盒　每三個月清洗一次

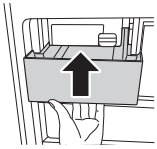
■ 取出

提起並向前拉製冰盒直到它被完全移除。



■ 裝上

推動製冰盒，直到它到達製冰盒支架的末端。



注意

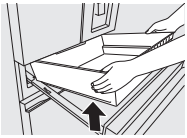
- 在清洗冰盒前，選擇停止自動製冰功能（第 26 頁）。

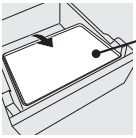
如何清洗雪櫃

主保鮮格（Prime Fresh） 每三個月清洗一次

■ **取出**

1. 將主保鮮室門完全打開。
2. 輕輕擡起主保鮮格的前部並斜著取出。





對於 YW590Y 型號:
傳熱鋁板（注意鋁板容易劃傷變形）

■ **裝上**

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

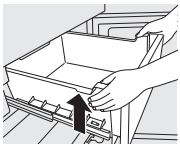
注意

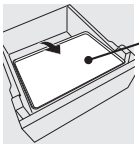
- 安裝收納盒時，請確保正確安裝收納盒的正面和背面。收納盒正面標有“Front”字。
- 對於 NR-YW590Y 型號，可以取下傳熱鋁板，注意鋁板冷的時候不要用濕手直接拿著，存在凍傷的危險。
- 對於 NR-YW590Y 型號，如果用水清洗，請擦拭幹淨或烘幹，再安裝到雪櫃中。
- 請勿擦掉抽屜杆或導軌接觸面上的潤滑劑。
  如果已經擦掉這些潤滑劑，請咨詢服務中心。

急凍格（Prime Freeze）(對於 YW590Y 型號) 每三個月清洗一次

■ **取出**

1. 將急凍格收納盒完全拉出。
2. 提起收納盒，傾斜並從急凍格拿出來。





傳熱鋁板（注意鋁板容易劃傷變形）

■ **裝上**

提起急凍格收納盒，沿著裏面凹槽安裝，直到接合並碰到終點。

注意

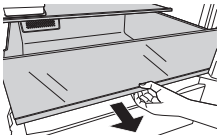
- 可以取下傳熱鋁板，注意鋁板冷的時候不要用濕手直接拿著，存在凍傷的危險。
- 取下或安裝收納盒時，請務必用伸出的手抓住玻璃擱板的把手。否則，急凍格門可能會碰到手指。請參考上圖。
- 如果用水清洗，請擦拭幹淨或烘幹，再安裝到雪櫃中。
- 請勿擦掉導軌接觸面上的潤滑劑。
  如果擦掉了潤滑劑，請聯繫Panasonic服務中心。

※ 對於 NR-YW590Y 型號

※ 蔬果格

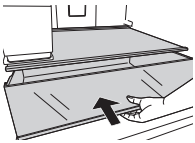
■ **取出**

1. 完全打開冷藏室的2個門
2. 先取下大瓶架④和小瓶架⑦（根據各部名稱，第12頁~第13頁），再取下蔬果格。
3. 向前拉動蔬果格直到碰到終點為止，然後輕輕擡起果蔬盒的前部，以將其完全取出。



■ **裝上**

1. 將蔬果格安裝到支架上。
2. 輕輕擡起蔬果格並向前推，直到碰到終點為止。
3. 安裝大瓶架④和小瓶架⑦。



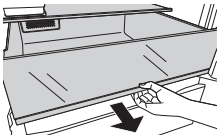
※冷凍室收納盒

跳過拆卸和安裝的步驟大瓶架④和小瓶架⑦。如同蔬果格取下和安裝冷凍室收納盒。

※ 對於 NR-YW590X 型號

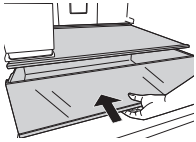
※ 蔬果格

1. 完全打開冷藏室的2個門。
2. 取瓶架 ④（根據各部名稱，第14頁~第15頁），再取下蔬果格 。
3. 向前拉動蔬果格直到碰到終點為止，然後輕輕擡起蔬果格的前部，以將其完全取出。



■ **裝上**

1. 將蔬果格安裝到支架上。
2. 輕輕擡起蔬果格並向前推，直到碰到終點為止。
3. 安裝製瓶架 ④。



※冷凍室收納盒

跳過拆卸和安裝的步驟瓶架④。如同蔬果格取下和安裝冷凍室收納盒。

如何清洗雪櫃

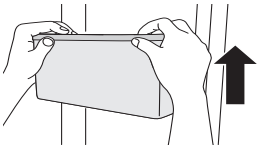
門架/瓶架　每三個月清洗一次

■ **取出**

1. 向上抬起，在左右側間交替更換。

■ **裝上**

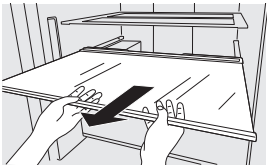
2. 置于兩邊的支架上，向裡推入，直至到達盡頭。



托盤　每三個月清洗一次

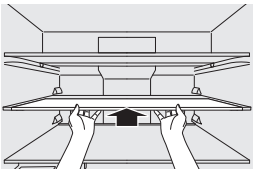
■ **取出**

向上抬起托盤並往前拉。打開托盤與滑軌間的銷扣，傾斜托盤並取出。



■ **裝上**

托盤向裡推入，直至到達盡頭。

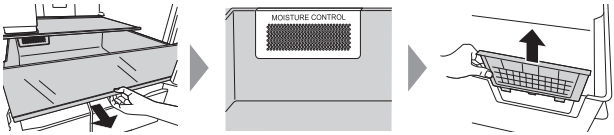


注意

- 在取下冷藏室內的玻璃擱板之前，應先取下門上的門架/瓶架，以便于取下玻璃擱板。
- 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。
- 玻璃製成的托盤很重。
  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。

蔬果格濕度控制過濾器　每三個月清洗一次

1. 拉動並取下蔬果格，濕度控制過濾器位于蔬果格的背面。
2. 請拆下兩個掛鉤，然後向上滑動蔬果格濕度控制過濾器以將其取出。



注意

- 用水沖洗後，擦拭幹淨或烘幹。
- 對于頑固汙漬，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。

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。用乾布擦拭操作面板。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。

製冰裝置，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。)

廚房用清潔劑
(會使塑料破裂!)

清潔劑或肥皂粉

汽油、稀釋劑、油精、酸、石油

清洗器

熱水

自動製冰機對於清潔方法

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。進行清潔製冰機前，請先清潔冰盤。
選擇自動製冰機清洗模式 (Auto Ice Clean) 後，會自動將水倒入冰盤和供水管三次（約2分鍾）以排出水。
選擇自動製冰機清洗模式 (Auto Ice Clean) 後，請確保水箱內是否有足夠的水。

1. 從製冰室中取出冰盒，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. 選擇自動製冰機清潔模式 (Auto Ice Clean)（第26頁）。
   - 水箱同時發出斷斷續續的聲音，並開始清潔自動製冰機。
   - 製冰機清潔過程中，聲音無法關閉。
   - 當哔聲結束時，操作面板上自動製冰機清潔模式 (Auto Ice Clean) LED熄滅，自動製冰機清潔結束，自動製冰過程開始。
4. 從製冰室中取出冰盒，將水从冰盒中倒出並擦去冰盒上的水。
   如果不把冰盒上的水擦幹淨，冰盒可能會破裂。

自動製冰機對停止方法

您可以根據需求啟用或停用自動製冰模式。

■ 關閉自動製冰

1. 選擇自動製冰停止模式（Auto Ice Off），操作面板上的自動製冰停止模式（Auto Ice Off）LED（對於 NR-YW590Y 型號）指示燈將熄滅或自動製冰開啟模式（Auto Ice On）LED（對於 NR-NR-YW590X 型號）指示燈將亮起，冰箱將停止製冰（第26頁）。
2. 無需向水箱加水。水箱內剩餘的水仍會繼續製冰，約 2 小時後可取得冰塊。或者當冰盒已滿時，自動製冰將停止。
3. 若您希望繼續自動製冰，請選擇自動製冰停止模式（Auto Ice Off），操作面板上的自動製冰停止模式（Auto Ice Off）LED或自動製冰開啟模式（Auto Ice On）LED（對於 NR-YW590X 型號） 指示燈將亮起（第26頁）。

■ 長時間關閉自動製冰

1. 長時間關閉自動製冰
2. 清空水箱並取出冰盒中的所有冰塊。清潔水箱、水濾器、水箱橡膠墊圈及冰盒，擦乾後放回原位。
3. 再次使用時，請重新加水至水箱並放回。

■ 搬運冰箱時

1. 清空水箱並取出冰盒中的所有冰塊。
2. 選擇自動製冰機清潔模式（Auto Ice Clean），操作面板上的自動製冰機清潔模式（Auto Ice Clean）LED將亮起，冰箱將開始清潔自動製冰機。（此時正在製冰的冰塊與水將掉入冰盒中）。
3. 清潔過程約2分鐘後結束。取出冰盒並倒掉其中的冰塊與水。
4. 清潔水箱、水濾器及冰盒，擦乾後放回原位。

要求

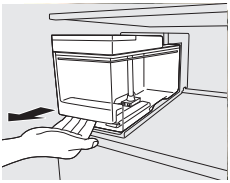
- 請勿將水直接倒入存冰盒製冰。
  （否則，冰盒可能會破裂）
- 請勿將食物或其他物品倒入存冰盒。
  （否則無法正確檢測冰量，自動製冰機可能會停止工作或無法拉出存冰盒）

在以下情況下，製冰時間會更長。

- 第一次使用雪櫃。
  （至少需要24小時，因為自動製冰功能僅在雪櫃內部夠冷時方啓動）
- 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。

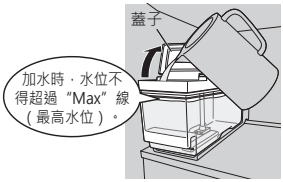
自動製冰水箱使用方法(*)

1. 取出自動製冰機水箱。



將水箱拉出直到被堵住為止。

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，直到到位為止。
（如果不把水箱安裝到位，則無法製冰）

(*)可以在大約2小時內製冰，冷藏室的溫度為 4 ℃，主保鮮室為-3 ℃，冷凍室為-20 ℃。

如何快速製冰

■ **當設置為快速製冰模式時，製冰速度會增加。**
僅需90分鍾即可製冰(**)。

注意

- 約6小時後，該模式將自動恢複正常自動製冰模式。
- 當雪櫃處于除霜模式時，快速製冰LED燈將閃爍。除霜完成後，快速製冰模式將立即啓動。
- 在快速製冰模式下，消耗能量會比正常增加更多。
- 在設置快速製冰模式時，ECONAVI模式不會運行。

(**) 室內溫度為20℃時，冷藏室、主保鮮室、冷凍室的溫度分別為4 ℃、-3 ℃、-20 ℃。

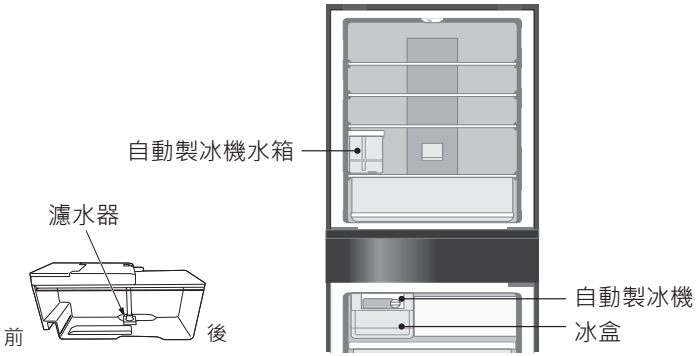
冷凍室

冷凍食品長期儲存。
冷凍室的溫度範圍為 -23 ℃ ~ -15 ℃。

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

自動製冰



為方便使用自動製冰機

○ 自動製冰時，請僅使用飲用水。

水硬度應為 100mg/L及以下。

飲用水

✕ 請勿將以下液體倒入外置取水器水箱。
（以下液體可能會損壞自動製冰系統）

果汁等

運動飲料

汽水

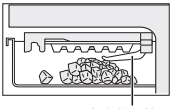
熱水

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。
- 第一次使用自動製冰機時，製冰機等處可能會有異味或積聚灰塵。
  請放棄第一次製冰的冰塊。
- 定期使用自動製冰機清潔功能。（第32頁）

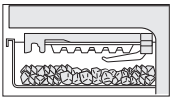
注意

當冰滿時，觸動冰塊檢測杆，自動製冰模式將自動停止。



冰塊檢測杆

冰塊形成一堆，將接觸冰塊檢測杆。
（此時，自動製冰模式會停止）



將冰塊均勻地鋪在存冰盒，以製出更多的冰塊。

主保鮮室

主保鮮室中的溫度可以按以下選擇：

- 軟冷凍溫度為 -5 ℃ ~ -1 ℃。
- 使用主保鮮室作為冷藏室的溫度為 0 ℃ ~ 4 ℃。

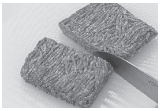
使用雪櫃時，溫度可以根據您的使用方式進行調節。

主保鮮室的預設溫度為 -3 ℃。

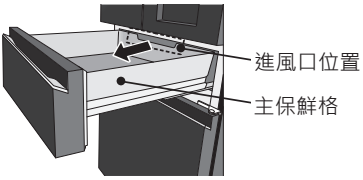
使用主保鮮格	大約-5 ℃ ~ -1 ℃

易於切開

冷凍食物易於切開!
更為方便。



- 適用儲存魚、肉等新鮮食物。與冷藏室相比、魚、肉的儲藏壽命會延長。
- 食物冷凍過度時
  魚片或肉片可能會過度冷凍將溫度設定為高於 -3 ℃，避免食物過度冷凍。
- 食物無法完全冷凍時。
  視乎食物類型，如肉塊和體型較大的魚，以及儲存條件和周圍溫度等，食物可能無法達到預期的冷凍效果。此時可將溫度控制最低設定為 -5 ℃。
- 切勿儲存過多的食品。當食品過多且雪櫃內沒有冷氣循環的空間時，制冷效果會受影響。
  在主保鮮格內儲存的食物之間保持充分的間隔。
- 當大量儲存食物時，例如大塊肉、魚或雞肉，建議將食物放在主保鮮格的中心，以優化制冷效果。
- 當主保鮮格的溫度設定為 0 ℃ ~ 4 ℃ 時，新主保鮮制模式（Prime Fresh+）模式將不會運行，以避免食物變質。
- 切勿用主保鮮格內的食物堵塞冷氣出口。
  如果冷氣沒有擴散主保鮮格的每個角落，雪櫃內將無法充分制冷，食物保鮮可能受影響。
  因此，食物不應放在冷氣導管（在主保鮮格上方）前面，以免阻塞內部的冷氣循環。
  食物可能會變質。 因此，食物不應放置在進風口位置（位于主保鮮格上方）前，會阻礙主保鮮格的空氣流通。

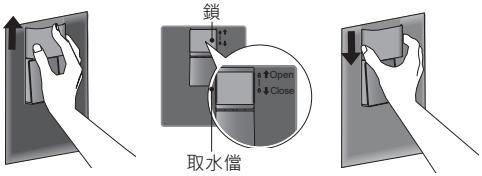


外置取水系統使用說明 (對於 YW590Y 型號)

設置有外置取水系統，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。

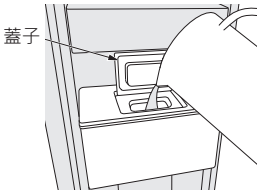


注意

- 取出水後，將杯子慢慢取出，以免水溢流。
- 如果有水溢流，請使用毛巾擦幹淨。
- 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，將水箱裝滿倒水即可使用。
2. 蓋緊蓋子並關閉雪櫃門以進行冷凍。



注意

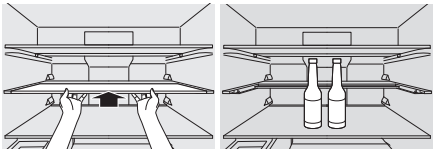
- 第一次使用時，先清洗水箱。
- 請勿將50 ℃以上的熱水倒入水箱。
- 水箱最多可容納3升。請勿將水倒在水箱上的3升標記處。只倒入普通的飲用水，請勿倒入啤酒、汽水、汽水燈。
- 使用雪櫃時，請確保水箱始終安裝在正確的位置。否則會影響冷凍性能，導致雪櫃門外出汗。
- 使用前檢查水箱。
- 水固體含量必須為100mg/L及以下。礦物質呈白色漂浮物。這些礦物質是無害的。
- 水箱应使用可饮用的自来水进行填充。本产品并非设计用于替代水处理系统。不可用于未经处理的雨水储水罐。

冷藏室

冷藏室溫度設定範圍為 1 ℃ ~ 7 ℃。
如果冷藏室的溫度長時間設置在 1 ℃，食物可能會凍結。

滑動玻璃擱板使用方法 (對於 YW590Y 型號)

將前半部分玻璃托盤向後滑動，然後
您可以存放較高的物品，而無需躺下存放。



蔬果格

大蔬果格備大開口導軌系統，有助於輕鬆拉出蔬果格處的食物，並增加受力能力，讓使用者只需一隻手即可拉動蔬果格。蔬果格濕度調節器有助於控制蔬果格內的濕度，幫助蔬菜保持濕潤和新鮮。

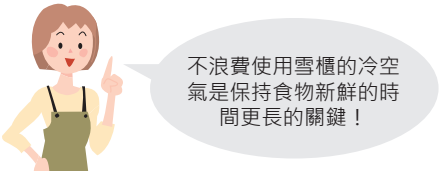
注意

- 由于濕度高，水滴會粘附在蔬果格壁上。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果格的高度，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。

食物保存小貼士

■ 請勿把雪櫃裝得太滿

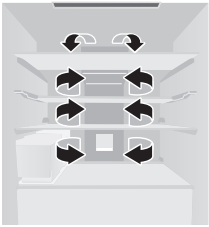
裝得太滿時，雪櫃內的冷風無法流通，
會影響冷凍性能。在各種食物之間留出空間！



■ 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。



自動製冰停止模式 (Auto Ice Off) 和製冰機清潔模式 (Auto Ice Clean)

雪櫃運行時，自動製冰模式（Auto Ice）將自動運行，而無需任何設置。當設置自動製冰停止模式和自動製冰機清潔模式製時，雪櫃將停止自動製冰機並自動清潔製冰機。

■ 自動製冰停止模式 (Auto Ice Off) 運行方法

※ 對於 YW590Y 型號

LED亮起：自動製冰停止模式 (Auto Ice Off) 正在運行。
LED熄滅：自動製冰停止模式 (Auto Ice Off) 不運行。

- 連續二次點擊“Auto Ice Off”圖標，以停止自動製冰。此時，自動製冰停止模式LED燈會亮起。
- 想立即停止自動製冰停止模式（Auto Ice Off）時，點擊“Auto Ice Off”圖標一次。此時，自動製冰停止模式（Auto Ice Off）LED會熄滅。

※ 對於 YW590X 型號

LED亮起：自動製冰停止模式 (Auto Ice Off) 不運行。
LED熄滅：自動製冰停止模式 (Auto Ice Off) 正在運行。

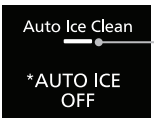
- **情況一**：請按“Auto Ice”圖示三次，直到自動製冰開啟模式（Auto Ice On）LED 指示燈熄滅。
- **情況二**：若正在進行快速製冰模式（Quick Ice Making）（行快速製冰模式（Quick Ice Making）LED 指示燈亮起），請按“Auto Ice”圖示兩次，直到自動製冰開啟模式（Auto Ice On） 指示燈熄滅。
- 當開始自動製冰停止模式（Auto Ice Off）時，自動製冰開啟模式（Auto Ice On）LED 指示燈會閃爍，冰箱會發出提示音，然後自動製冰開啟模式（Auto Ice On）LED指示燈熄滅。
- 想立即停止自動製冰停止模式（Auto Ice Off）時，請連續按“Auto Ice”一次，直到自動製冰開啟模式（Auto Ice On）LED 指示燈亮起。

注意

- 當自動製冰停止模式（Auto Ice Off）啟動時，若快速製冰模式（Quick Ice Making）功能正在運作，將會被停止。
- 對於 YW590X 型號，在預設狀態下，自動製冰開啟模式（Auto Ice On）LED 指示燈會持續亮起。

■ 自動製冰機清潔模式（Auto Ice Clean）運行方法

※ 對於 YW590Y 型號



LED亮起：自動製冰機清潔模式 (Auto Ice Clean) 正在運行。
LED熄滅：自動製冰機清潔模式 (Auto Ice Clean)不運行。

- 觸摸並按住“Auto Ice Off”圖標三秒鐘以啟用自動製冰機清潔模式（Auto Ice Clean）。在自動清潔程序結束時，冰箱將發出提示音。

※ 對於 YW590X 型號

LED亮起：自動製冰機清潔模式 (Auto Ice Clean) 正在運行。
LED熄滅：自動製冰機清潔模式 (Auto Ice Clean)不運行。

- 觸摸並按住“Auto Ice”圖標三秒鐘以啟用自動製冰機清潔模式（Auto Ice Clean）。在自動清潔程序結束時，冰箱將發出提示音。

注意

- 自動製冰機清潔模式正在運行時，不能中途停止/關閉該模式。

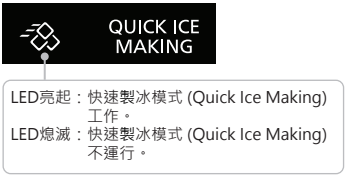
自動製冰機清潔操作詳見第32頁。

快速製冰模式（Quick Ice Making）

設置快速製冰模式 (Quick Ice Making) 時，冰箱將增加其容量以減少製冰時間。

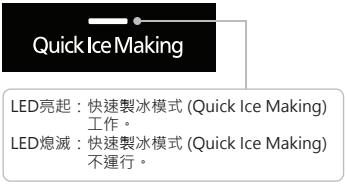
■ **快速製冰模式 (Quick Ice Making) 運行方法**

※ 對於 NR-YW590Y 型號



- 連續二次點擊“Quick Ice Making”圖標，以啓動快速製冰模式。此時，快速製冰模式LED會亮起。
- 想立即停止快速製冰模式 (Quick Ice Making) 時，再次觸摸並按住“Quick Ice Making”圖標，直到快速製冰模式（Quick Ice Making）LED指示燈熄滅。

※ 對於 NR-YW590X 型號



- **情況一**：連續二次點擊“Auto Ice”圖標，以啓動快速製冰模式（Quick Ice Making）。
- **情況二**：若正在進行自動製冰停止模式（Auto Ice Off）（行自動製冰開啟模式（Auto Ice On）LED指示燈熄滅），請按“Auto Ice”圖示三次，直到快速製冰模式（Quick Ice Making）LED 會亮起。
- 啟動快速製冰後，快速製冰模式（Quick Ice Making）LED 指示燈將閃爍，冰箱會發出提示音。此期間，快速製冰模式（Quick Ice Making）LED 指示燈將保持亮起。
- 想立即停止快速製冰模式（Quick Ice Making）時，請連續按“Auto Ice”圖示兩次，直到快速製冰模式（Quick Ice Making）LED 指示燈熄滅。

注意

- 當快速製冰模式 (Quick Ice Making) 啓動時，以下模式（如果處于工作狀態）將停止：
  對於 NR-YW590Y 型號: 新主保鮮制模式（Prime Fresh+）、速凍模式（Quick Freezing）自動製冰停止模式（Auto Ice Off）、急凍模式（Prime Freeze）。
  對於 NR-YW590X 型號: 新主保鮮制模式（Prime Fresh+）、速凍模式（Quick Freezing）自動製冰停止模式（Auto Ice Off）。

急凍模式（Prime Freeze）（對於 NR-YW590Y 型號）

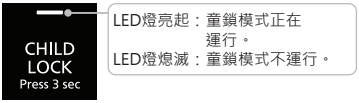
注意

- 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凍室內形成露水。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。
  - 如設置快速製冰模式（Quick Ice Making），速凍模式（Quick Freezing），新主保鮮制模式（Prime Fresh+），則急凍模式（Prime Freeze）將停止。
  - 急凍模式的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。
- 當不使用急凍模式（Prime Freeze） 時，急凍格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。

童鎖模式（Child Lock）（對於 NR-YW590Y 型號）

設置童鎖模式時，操作面板會禁用溫度和模式調整觸摸，以防止兒童意外調整。

■ 童鎖模式運行方法



- 觸摸並按住 “Child Lock” 模式三秒，以啓動童鎖模式。此時，童鎖模式LED燈會亮起。
- 想立即停止童鎖模式 (Child Lock) 時，再次觸摸並住 “Child Lock” 圖標三秒，直到指示LED熄滅為止。

■ **急凍格的模式：**

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 1 Cool Down	1	快速冷卻溫/熱食物	3	• 飯盒（150 g） • 土豆沙拉（150 g）	- 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。 - 5分鍾是1盒飯盒（約150 g）或200 g 預製食品的估計時間。如果食物量較大，冷卻時間可能會更長。 - 200 ml以上的嬰兒奶可以在快速冷凍模式下冷卻10分鍾。 - 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。
			5	• 飯盒（300 g） • 土豆沙拉（300 g） • 嬰兒奶（100 ml） • 湯（150 ml）	
快速冷凍 2 Quick Cooling	2	快速冷凍食物以節省准備食物和甜點的時間。	10	• 咖喱（200 g） • 魚類（100 g） • 布丁（2個） • 果凍（2個）	- 對于需要腌製或調味的菜料，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。 - 對于難以切片的生肉、魚和蝦，當置于快速冷凍模式時，切片工作會更容易。 - 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。 - 此模式可用于快速冷凍飲料。
			15	• 咖喱（400 g） • 雞大腿（250 g） • 布丁或焦糖（4個） • 由明膠製成的果凍或蛋糕（4個）	
急速冷凍 3 Rapid Freezing	3	對剛烹饪的菜肴進行急速冷凍，確保烹製食物的保鮮質量，節省每天的烹饪時間。	45	• 牛肉（150 g） • 水煮蔬菜（1束西蘭花） • 生蔬菜（250 g 切碎的白菜） • 炸雞（250 g 2人） • 水果冰淇淋（300 ml） • 面包（2個）	- 用保鮮膜、冷凍袋包裝或蓋緊新鮮食物、煮熟的蔬菜。 - 對于油炸食品（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。 - 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。
			60	• 冷凍肉（350 g） • 雞肉，1/2只（500 g） • 牛肉（250 g） • 製作冰塊（1盤）	

急凍模式（Prime Freeze）（對於 NR-YW590Y 型號）

急凍格（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。

■ **急凍室運行方法**

1. 觸摸控制面板上的“Prime Freeze”圖標。此時，顯示該室位置的LED燈、顯示 1-2-3(*)模式的LED燈和顯示急凍室運行時間(**)的LED燈將在選擇時亮起。

圖標	室別	位置LED	1-2-3模式LED燈	運行時間LED燈
**PRIME FREEZE	急凍格		1 2 3	MIN

(*)對于1-2-3模式LED燈：
- 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1-2-3模式LED燈都熄滅。

(**)對于運行時間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. 繼續觸摸控制面板上的“Prime Freeze”圖標，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“--”。觸摸控制面板上的“Prime Freeze”圖標，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
設置完畢後，再按一個按鈕完成或等待5秒，操作面板將保存您剛剛所做的設置。

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。

注意

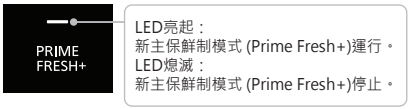
- 速凍模式（Quick Freezing）運行150分鍾後自動停止並返回正常模式。
  （速凍模式（Quick Freezing）LED熄滅。）
- 速凍模式 (Quick Freezing) LED閃爍表示除霜系統正在運行。除霜完成後，速凍模式（Quick Freezing）將立即啓動。
- 當速凍模式（Quick Freezing）結束時，冷凍室的溫度將恢複到先前設定的狀態。
- 當速凍模式 （Quick Freezing）啓動時，以下模式（如果處于工作狀態）將停止
  對於 YW590Y 型號: 新主保鮮制模式（Prime Fresh+）、快速製冰模式（Quick Ice Making）、急凍模式（Prime Freeze）。
  對於 YW590X 型號: 新主保鮮制模式（Prime Fresh+）、快速製冰模式（Quick Ice Making）。

新主保鮮制模式 (Prime Fresh+)

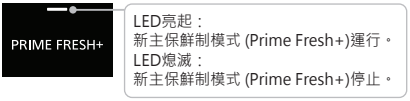
設置為新主保鮮制模式 (Prime Fresh+) 時， 主保鮮格將快速降低溫度，以更好地保存食物。

■ **如何操作新主保鮮制模式 (Prime Fresh+)**

※ 對於 NR-YW590Y 型號



※ 對於 NR-YW590X 型號



- 連續二次點擊“Prime Fresh+”圖標，以啓動新主保鮮制模式 (Prime Fresh+)。此時，新主保鮮制模式 (Prime Fresh+) LED會亮起。
- 想立即停止新主保鮮制模式 (Prime Fresh+) 時，觸摸“Prime Fresh+”圖標一次，直到指示LED熄滅為止。

注意

- 新主保鮮制模式（Prime Fresh+）會在運行105分鍾（環境溫度為 18 ℃及以下）或 145 ~ 150 分鍾（環境溫度為 18 ℃以上）後自動停止，並返回正常模式。（新主保鮮制模式（Prime Fresh+）LED熄滅。）
- 新主保鮮制模式（Prime Fresh+）LED閃爍表示除霜系統正在運行。除霜完成後，新主保鮮制模式（Prime Fresh+）將立即啓動。
- 當新主保鮮制模式（Prime Fresh+）結束時，主保鮮格的溫度將恢複到先前設定的狀態。
- 當新主保鮮制模式（Prime Fresh+）啓動時，以下模式（如果處于工作狀態）將停止：
  對於 NR-YW590Y 型號: 速凍模式（Quick Freezing）、快速製冰模式（Quick Ice Making）。 急凍模式（Prime Freeze）。
  對於 NR-YW590X 型號: 速凍模式（Quick Freezing）、快速製冰模式（Quick Ice Making）。
- 新主保鮮制模式 (Prime Fresh+) 在主保鮮製模式溫度設置為 0 ℃ ~ 4 ℃ 時不會啓動。

ECONAVI操作

■ **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 ℃和冷凍室溫度 -20 ℃時，ECONAVI 運行模式會自動激活。
- 速凍 (Quick Freezing) 和快速製冰 (Quick Ice Making) 正在運行，則 ECONAVI模式不會運行。
- 不能強行啟動 ECONAVI 操作。

※ 對於 YW590X 型號

这款型号也具备 ECONAVI 模式，但不包含 ECONAVI 的 LED 指示灯和光线强度传感器。

nanoe™ X

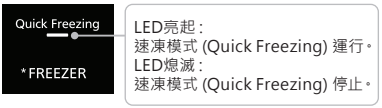
- nanoe™是被水粒子包圍的超細微離子粒子的集合。
  nanoe™ X是具有超細微的帶電水粒子，其OH自由基是nanoe™ 的10倍.
- nanoe™ X模式將在雪櫃通電時啓動，並在使用雪櫃時始終運行。然而，由于nanoe™ X運行時需要濕度，因此如果雪櫃內濕度降低（如存放少量果菜等），此模式的有效性可能會降低。
- 在運行過程中，nanoe™ X設備可能發出微小的聲音。
- 長時間關閉雪櫃門後，打開雪櫃門時，會感覺到運行過程中產生的臭氧特有氣味，這是正常現象。

速凍模式 (Quick Freezing)

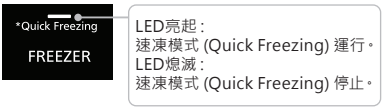
設置為速凍模式（Quick Freezing）時，雪櫃將快速降低溫度，以更好地保存食物。

■ **如何操作速凍模式（Quick Freezing）**

※ 對於 NR-YW590Y 型號



※ 對於 NR-YW590X 型號



- 觸摸並按住 “Freezer” 圖標三秒，以啓動速凍模式 (Quick Freezing)。此時，速凍模式LED會亮起。
- 想立即停止速凍模式(Quick Freezing) 時，再次觸摸並按住 “Freezer” 圖標三秒，直到指示LED滅為止。

※ 對於 YW590X 型號

圖標	室別	位置LED	溫度指示燈
FRIDGE	冷藏室		4 °C
PRIME FRESH	主保鮮格		-3 °C
*FREEZER	冷凍室		-20 °C

2、溫度設置

觸摸要設置的室（冷藏室、主保鮮格、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和溫度LED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 ℃。如果選擇超出室內溫度範圍，操作面板將顯示溫度返回到上述範圍內的最低水準。

3、溫度設置完畢

溫度設置完畢後，再按一個按鈕完成或等待5秒，操作面板將保存您剛剛所做的設置。

ECONAVI操作

※ 對於 YW590Y 型號

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。(*)

■ **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。

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

溫度控制

- 雪櫃出廠時，冷藏室為 4 ℃、主保鮮格為 -3 ℃、冷凍室的設定溫度為 -20 ℃。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 1 ℃ ~ 7 ℃，主保鮮格為 -5 ℃ ~ 4 ℃ (主保鮮格溫度為 -5 ℃ ~ -1 ℃，如冷凍室一樣使用的主保鮮格溫度為 0 ℃ ~ 4 ℃)，冷凍室為 -23 ℃ ~ -15 ℃。
- 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

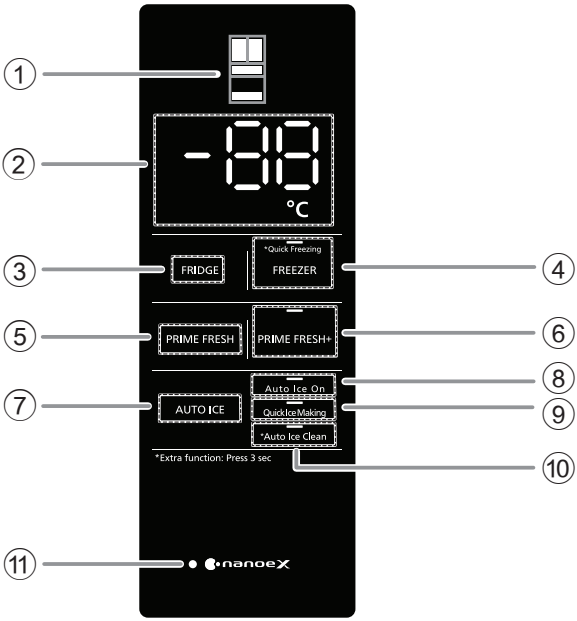
1、顯示當前溫度

觸摸下面的圖標以顯示：冷藏室、主保鮮格，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。

※ 對於 NR-YW590Y 型號

圖標	室別	位置LED	溫度指示燈
FRIDGE	冷藏室		4 ℃
PRIME FRESH	主保鮮格		-3 ℃
*FREEZER	冷凍室		-20 ℃

※ 對於 YW590X 型號



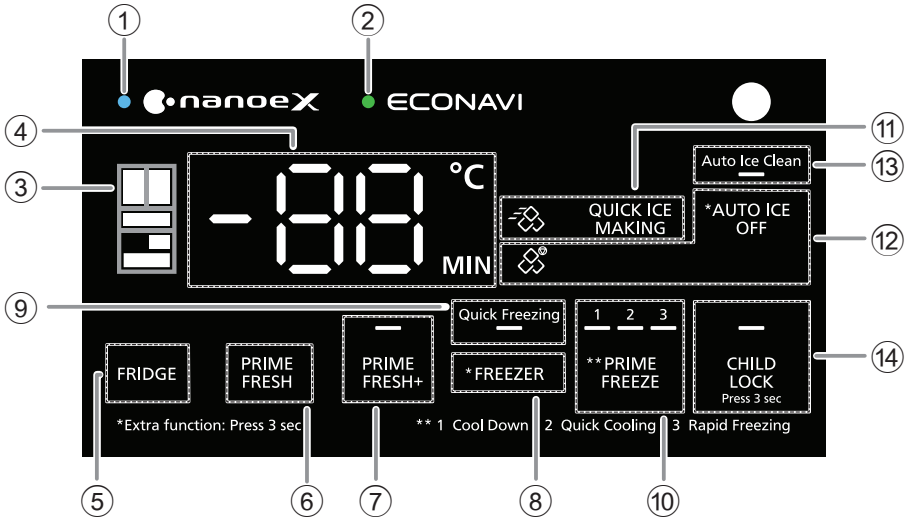
① 顯示各室的LED：選擇不同的室時，相應的室的圖標將亮起。
② 溫度顯示區：顯示冷藏室、冷凍室、主保鮮格的溫度。
③ 冷藏室溫度控制按鈕。
④ 冷凍室溫度控制按鈕和速凍模式LED。
⑤ 主保鮮格溫度控制按鈕。
⑥ 新主保鮮模式控制按鈕及LED。
⑦ 自動製冰模式控制按鈕。
⑧ 自動製冰模式及LED。
⑨ 快速製冰模式及LED。
⑩ 自動製冰機清潔模式LED。
⑪ 顯示nanoe™ X模式的圖標和LED: 顯示nanoe™ X模式的當前狀態。

注意

- 在顯示操作面板上：“*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，操作面板燈熄滅。當您按下按鈕時，操作面板燈將亮起。 冰箱門關閉時，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開閉門時，雪櫃內溫度會升高，因此請減少開門次數。
- 接通電源後，操作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，可以正常調整操作面板。

操作面板

※ 對於 YW590Y 型號



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 自動製冰停止模式控制按鈕及LED。
⑬ 自動製冰機清潔模式LED燈。
⑭ 童鎖模式控制按鈕及LED燈。

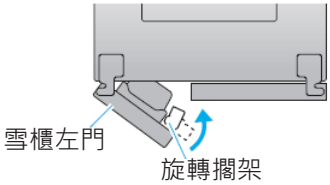
注意

- 在顯示操作面板上：“*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，操作面板燈熄滅。當您按下按鈕時，操作面板燈將亮起。雪櫃門打開時，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開閉門時，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，操作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，可以正常調整操作面板。

各部名稱

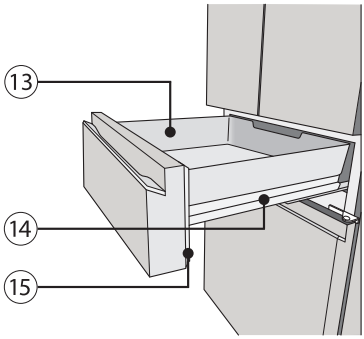
-冷藏室

① 旋轉擱架
旋轉擱架用于縮小雪櫃左門和右門之間的間隙。如果它正在打開的，請將其折回到裏面。（否則雪櫃門無法閉合，造成雪櫃內冷空氣損失）



② 小門架（數量：4）
③ 蛋托
④ 瓶架（數量：2）
⑤ 冷藏室LED (數量：3)
⑥ 冷藏室封條 (數量：2)
⑦ 冷藏室玻璃托板 (數量：2)
⑧ 蔬果格玻璃托板
⑨ 蔬果格
⑩ 蔬果格濕度調節器
⑪ 自動製冰機水箱
⑫ nanoe™ X圖標

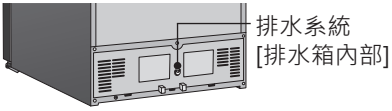
B-主保鮮室



⑬ 主保鮮格
⑭ 主保鮮室的金屬導軌
⑮ 主保鮮室的門封條

C-冷凍室

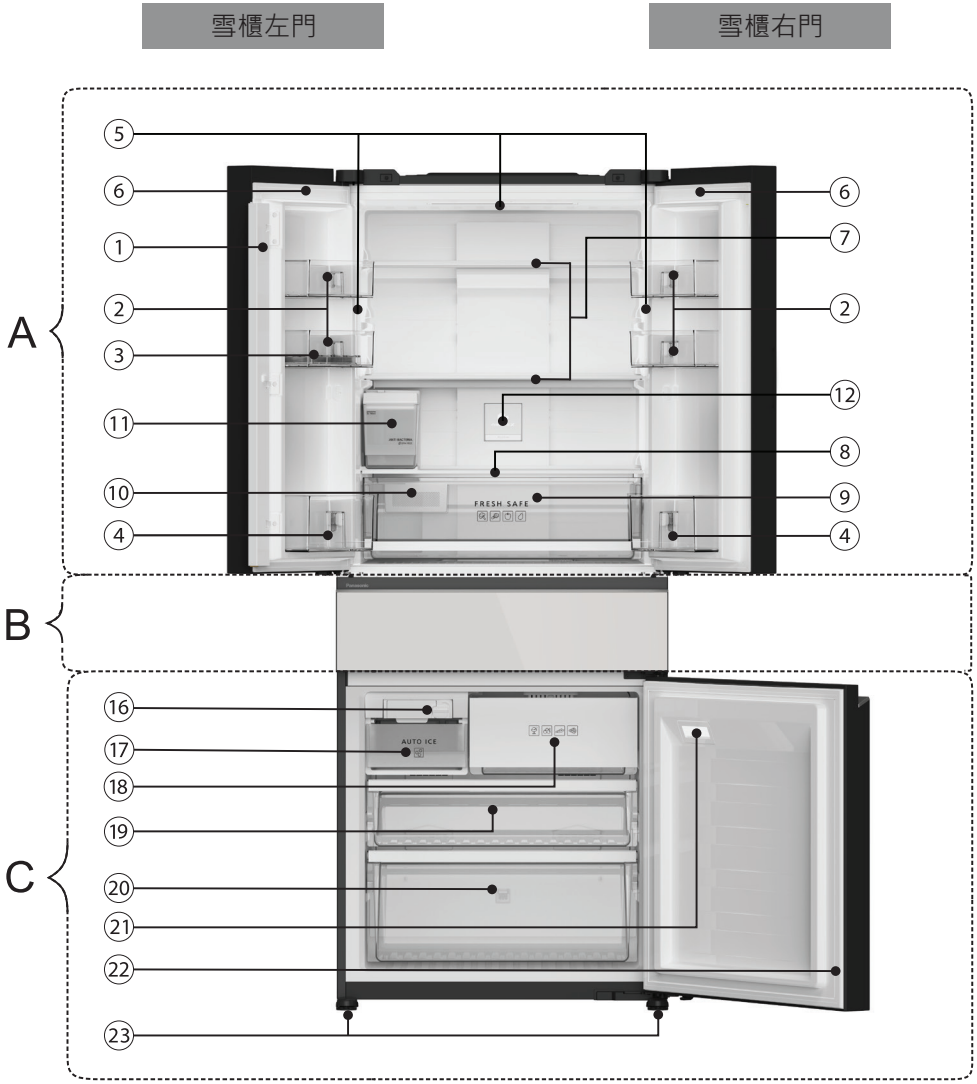
⑯ 自動製冰機
⑰ 冰盒
⑱ 上方冷凍室收納盒
⑲ 中方冷凍室收納盒
⑳ 下方冷凍室收納盒
㉑ 冷凍室LED
㉒ 冷凍室封條
㉓ 可調節螺栓



產品後視圖

各部名稱

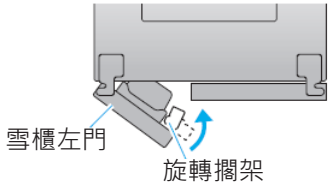
※ 對於 YW590X 型號



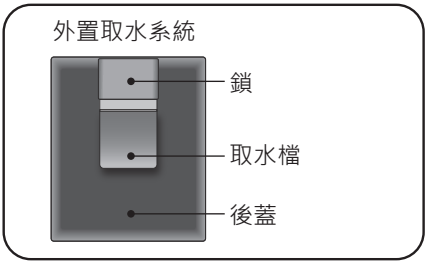
各部名稱

A-冷藏室

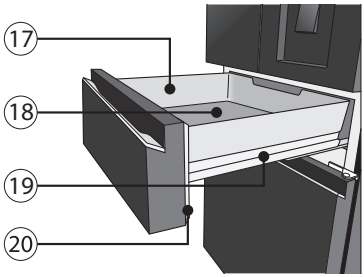
① 旋轉擱架
旋轉擱架用于縮小雪櫃左門和右門之間的間隙。如果它正在打開的，請將其折回到裏面。（否則雪櫃門無法閉合，造成雪櫃內冷空氣損失）



② 大門架（數量：3）
③ 蛋托
④ 大瓶架
⑤ 小門架
⑥ 外置取水器水箱
⑦ 小瓶架
⑧ 冷藏室LED（數量：3）
⑨ 冷藏室封條 （數量：2）
⑩ 冷藏室玻璃托板（數量：2）
⑪ 滑動玻璃擱板
⑫ 蔬果格玻璃托板
⑬ 自動製冰機水箱
⑭ 蔬果格
⑮ 蔬果格濕度調節器
⑯ nanoe™ X圖標



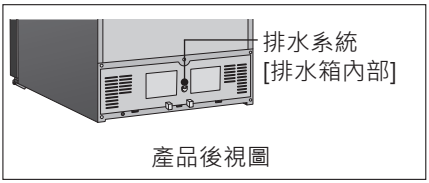
B-主保鮮室



⑰ 主保鮮格
⑱ 主保鮮室的傳熱鋁板
⑲ 主保鮮室的金屬導軌
⑳ 主保鮮室的門封條

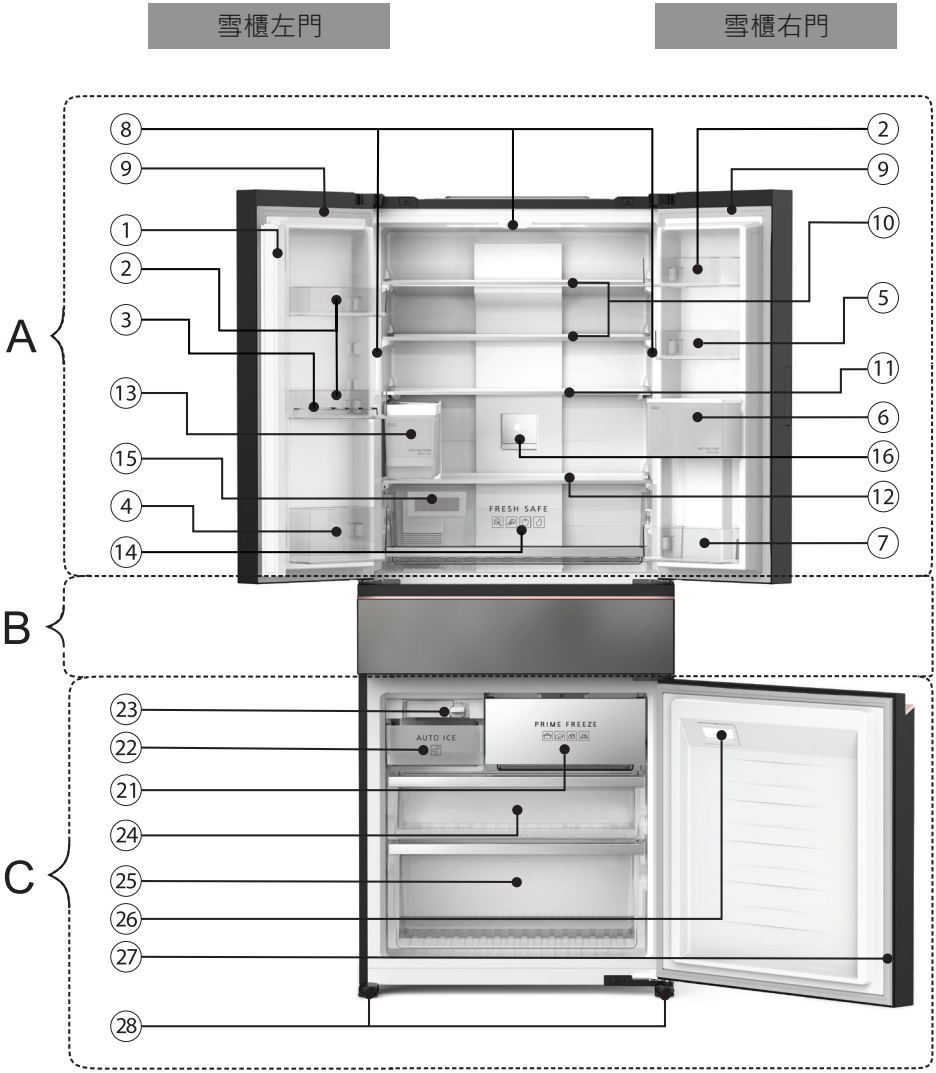
C-冷凍室

㉑ 急凍格
㉒ 冰盒
㉓ 自動製冰機
㉔ 上方冷凍室收納盒
㉕ 下方冷凍室收納盒
㉖ 冷凍室LED
㉗ 冷凍室封條
㉘ 可調節螺栓



各部名稱

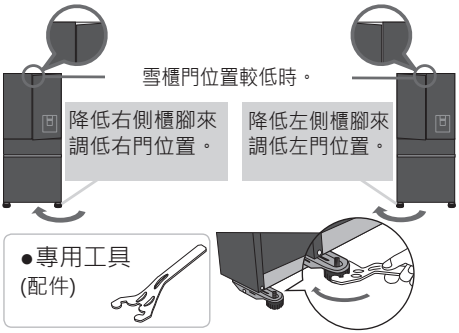
※ 對於 YW590Y 型號



雪櫃門向下傾斜。

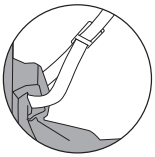
如圖所示，旋轉位置較低側的調節螺栓，以便調節水平。

- 雪櫃會因食物重量或適應地板表面而在 4-5 日內傾斜，為恢復水平位置，請使用專用工具旋轉相應的櫃腳來調節及放平雪櫃門 。



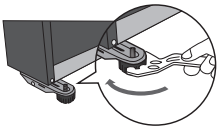
是否已採取措施預防地震時出現傾側?

為避免雪櫃傾側，請使用固定帶等物件將其永久固定。



固定雪櫃。

旋轉可調節櫃腳（左右兩側），直至其觸及地面以穩定雪櫃。



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。

- 在雪櫃內沒有食物且門未打開的情況下，雪櫃可能需要連續運行至少 4 小時（或更長，尤其是在環境溫度較高的夏季）以冷卻內部。
- 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正確的溫度。

安裝

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

※在移動和搬運之前

1. 取出雪櫃中的所有食物並處理掉剩餘的冰塊或水。
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，用膠帶固定雪櫃門，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。

安裝

安裝位置與牆壁間的距離

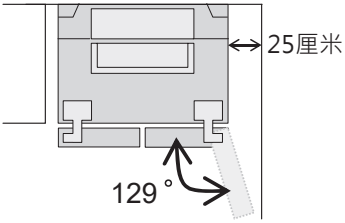
5厘米 ● 雪櫃頂部和天花板之間必須至少留有5厘米的空隙。

5厘米 ● 雪櫃背面與牆壁之間必須至少留有5厘米的空隙。

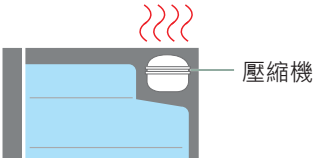
● 雪櫃側面與牆壁之間必須至少留有5厘米的空隙。

注意

● 如果雪櫃靠近牆壁安裝，必須確保雪櫃左側或右側與牆壁之間的距離至少為25厘米。如果這個空間不夠25厘米，門可能無法完全打開，玻璃擱板、蔬果格等可能無法取出。



● 請勿在雪櫃頂部放置任何物品。它會幹擾壓縮機的散熱，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。

特點

■ **可調節滑動玻璃擱板 (對於 NR-YW590Y 型號)**
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。

■ **蔬果格**

大容量蔬果格配備蔬果格濕度調節器，保持蔬菜新鮮，延長保質期。

■ **速凍（Quick Freezing）**
速凍（Quick Freezing）使冰箱內的溫度迅速降溫，以保持食品的原味，提高製冰速度。

■ **方便的控制屏幕**

※ **對於 NR-YW590Y 型號**

- 冷藏室、主保鮮格、冷凍室和急凍格 (對於 NR-YW590Y) 型號 都可以根據用戶的用途調節溫度及其模式。
- 冷藏室和冷凍室有關閉雪櫃提醒模式。
- LED 顯示和操作面板清晰且易于操作。
- 對於 NR-YW590Y 型號，有童鎖模式。

※ **對於 NR-YW590X 型號**

■ 主保鮮室（Prime Fresh）和新主保鮮制模式（Prime Fresh+）

- 主保鮮室的溫度可以在 -5 °C ~ 4 °C(*) 之間變化。
  - 溫度 -5 °C ~ -1 °C：用於食物保存的軟冷凍溫度，有助於節省解凍時間和精力，同時更長時間地保持食物的風味和新鮮度。
  - 溫度 0 °C ~ 4 °C(**)：與冷藏室溫度相同，當您需要更多空間在冷藏室中保存食物時。
- 大容量的 61 L 主保鮮室 有助於儲存更多食物，並且對於大尺寸食物而言更舒適。
- 獨立的主保鮮室房間更容易去除和清潔，有助於避免混合難聞的氣味或交叉感染。
- 節省能源，因為您無需打開整個冷藏室即可使用主保鮮室。

(*) 出廠默認設置溫度為 -3 ˚C。

(**) 當主保鮮室隔間已滿，放置大量食物時，或根據儲存和環境條件，冷卻性能可能會降低。在這種情況下，主保鮮室的溫度應設置為最低 -5 ˚C。

■ 急凍格（Prime Freeze）（對於 NR-YW590Y 型號）

- 根據每種模式快速冷凍新鮮食物或預製食品，保持新鮮的味道。
- 急凍模式（Prime Freeze）
  - 快速冷卻（Cool Down）3分鍾和5分鍾
  - 快速冷凍（Quick Cooling）10分鍾和15分鍾
  - 急速冷凍（Rapid Freezing）45分鍾和60分鍾
- 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（對於 NR-YW590Y 型號）

ANTI BACTERIA
BPA FREE

- 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抗菌材質製成，配備抗菌過濾網，對健康具有良好的安全性。

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

- Panasonic的INVERTER技術可提高節能效果並降低噪音。
- Panasonic獨家的ECONAVI技術，有助于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。

■ 自動製冰系統（Auto Ice Making）

ANTI BACTERIA
BPA FREE

- 配備自動製冰系統，隨時滿足製冰需求。
- 5升大容量雪櫃，由無BPA抗菌材質製成，配備抗菌過濾網，對健康具有良好的安全性。
- 帶製冰功能。
- 帶自動製冰停止模式（Auto Ice Off）和自動製冰機清潔模式 (Auto Ice Clean)。

■ nanoe™ X技術和Ag Clean銀膜過濾器

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

■ 最大開度導軌設計

- 重型滑軌優化了承重能力，讓用戶僅需一只手即可輕輕拉動食物擱板。
- 整個擱板均可拉出，便于查看整理和挑選食物。

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。 注意當多日不使用雪櫃時，一定要把雪櫃裡剩餘的食物全部取出，清潔並打開雪櫃門幾個小時，讓雪櫃內的水分變乾，避免發霉和氧化雪櫃的組件。
- 雪櫃外壁有時會發熱，特別是在剛剛安裝之後。這種情況屬于正常，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會有水汽，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，所以需要用布片定期進行擦拭。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。
- 雪櫃頂部采用鋼材製成的原因之一是為了防止外部撞擊引起火災。**請勿**在雪櫃上面放東西。

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果格，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冷凍室。

否則可能導致燙傷或意外事故。

⚠ 小心

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。

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，請立即停止使用並拔掉電源插頭。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。
  - 觸摸櫃體時會感到刺痛的電擊感。

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。

- 本設備不適合身體、感官或精神上有缺陷的人（包括兒童）使用，或者缺乏使用本設備的經驗和知識，除非他們得到負責人的監督或有關使用本設備的指導 為了他們的安全。
- 應對孩童進行監督，確保其不使用雪櫃玩耍。

安裝時需注意:

- 設備不平衡時可能會發生危險，確保支腳穩固且設備水平。
- 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。

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。]

R600a
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:

R600a
iso-butane

- 維護工作只能由合格的技術人員執行。

- 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。

INVERTER

Panasonic®

操作說明
雪櫃

家用型

型號: NR-YW590Y, NR-YW590X

NR-YW590Y

NR-YW590X

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■ **NON-CFC**

本機的製冷劑 (異丁烷(R600a)) 和隔熱劑 (Cyclopentane) 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。

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ARAH1E202983
P0122-3085
越南印刷