



Panasonic®

Operating Instructions Refrigerator

For Household Use

Model No.: NR-BX471W, NR-BX471C



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■ NON-CFC

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

Thank you for purchasing the Panasonic product.

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

HK

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Safety precautions

Please be sure to follow these instructions.



WARNING

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



These signs mean prohibited action.



This sign means required action.



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



CAUTION

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



iso-butane

Risk of fire / flammable materials

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



WARNING

For power plug and cord:



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



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

When recycling the product:



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

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



WARNING

When using:



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



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

In case of emergency:



R600a
iso-butane



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

- **Do not** store explosive substances such as aerosol cans with a flammable propellant and chemicals or scientific specimens in the appliance.
- **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 installing:



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



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

Otherwise it may cause injury, accidents.

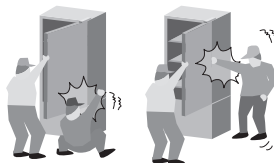


CAUTION

When opening/closing the doors:



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



When storing food:



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



When moving the refrigerator:



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

Usage precautions

When opening/closing the doors:

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

When cleaning:

- **Do not** clean the refrigerator with chemical substance or liquid. It will cause damage and have corrosion on the surface.
- Clean the pan water evap located over the compressor at the back of the refrigerator every three months to prevent the odour generated from humidity.



Usage precautions

When using:

- When the plug is disconnected, leave it for 5 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.
- 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.



When storing food:

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



SPECIAL FEATURE

1) ECONAVI

The microchip performing ECONAVI mode is integrated into the main control board. By detecting refrigerator's frequency of use (opening and closing of door), ECONAVI mode automatically operates to save energy.

2) INVERTER

In accordance with temperature change inside the compartment, the motor of compressor runs at different speed. When the temperature is stable, the motor runs at a lower speed (energy saving & lower noise). When powerful cooling is required, the motor runs at a higher speed.

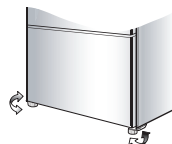
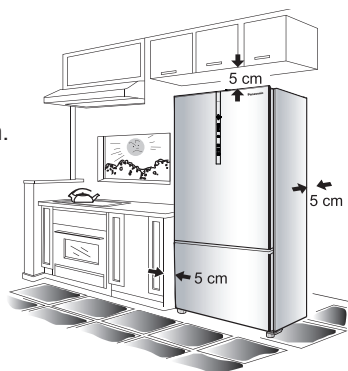
Installation

The distance requested for installation

- The top of the refrigerator and the ceiling at least 5 cm.
- The back of the refrigerator and the wall at least 5 cm.
- The sides of the refrigerator and the walls at least 5 cm.

Area around the installed unit

- **Do not** locate the refrigerator in a humid place as rust may form and may cause electric leakage.
- **Do not** locate the refrigerator exposing to direct sunlight as the heat and sunlight will increase the temperature.
- **Do not** locate the refrigerator near heat source such as cooking stove or oven.
- **Do not** block the openings around the refrigerator.
- The refrigerator must be located in the place where there is good air circulation.
- In case of placing the refrigerator on an uneven surface, adjust the adjustable bolt to make the refrigerator stand stably.
- In order to prevent the refrigerator from tipping due to earthquakes, permanently fix it by using belts, etc.



Moving or shifting

- When moving or shifting the refrigerator, remove ice maker, freezer case, pan water evap, etc. and check to be sure that there is no water in the refrigerator.

Power cord setting

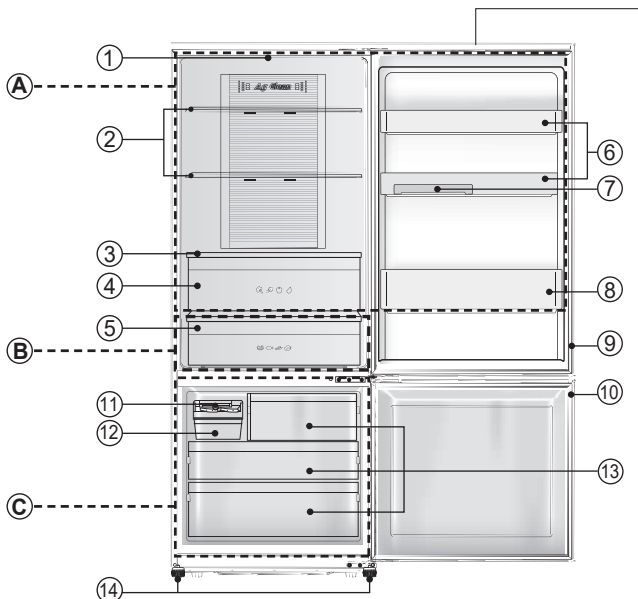
- To bring power cord for use, pan water evap from left should be lifted up. Then bring the power cord out and then insert pan water evap into the block by pressing at both the sides.

LED light and grounding

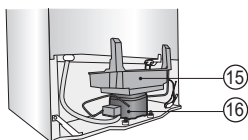
- The refrigerator LED light, specially designed for this refrigerator, do not replace it by yourself.
If you need replacement, please contact Panasonic Service Center.
- If there is no grounding wiring plug in refrigerator, it should be connected with grounding connection to prevent electrical hazard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

Parts identification

- Ⓐ FRIDGE ROOM
- Ⓑ PRIME FRESH ROOM
(Blue Ag LED light*)
- Ⓒ FREEZER ROOM
- ① LED light
- ② PC Glass tray
- ③ Glass tray crisper
- ④ Vegetable case
- ⑤ Prime Fresh case
- ⑥ Egg shelf
- ⑦ Egg tray
- ⑧ Bottle shelf
- ⑨ Gasket PC
- ⑩ Gasket FC
- ⑪ Ice twister
- ⑫ Ice box
- ⑬ Freezer case
- ⑭ Adjustable bolt
- ⑮ Pan water evap
- ⑯ Compressor



* In model NR-BX471C, there is no Blue Ag LED light.



Product view from behind.

Door Control Panel NR-BX471W / NR-BX471C

ECONAVI (P. 9)

LED display

Prime Fresh+ (P. 10)

Quick Freezing (P. 10)

Fridge (P. 8)

Prime Fresh (P. 8)

Freezer (P. 8)



Temperature control




■ Temperature setting and a guide of temperature

The temperature can be adjusted for Min-Max levels.

Touch the [Fridge] button to adjust temperature in Fridge room.

Touch the [Prime Fresh] button to adjust temperature in Prime Fresh room.

Touch the [Freezer] button to adjust temperature in Freezer room.

Temperature setting \ Button	[Fridge] (Fridge room)	[Prime Fresh] (Prime Fresh room)	[Freezer] (Freezer room)
Max  "Max"	Lower than "Med" by approx. 2 °C ~ 3 °C	Lower than "Med" by approx. 2 °C ~ 3 °C	Lower than "Med" by approx. 2 °C ~ 3 °C
Med  "Med"	Approximately 1 °C ~ 7 °C	Approximately -5 °C ~ -1 °C	Approximately -23 °C ~ -17 °C
Min  "Min"	Higher than "Med" by approx. 2 °C ~ 3 °C	Higher than "Med" by approx. 2 °C ~ 3 °C	Higher than "Med" by approx. 2 °C ~ 3 °C

Generally, use the refrigerator with the temperature set to "Med".

(If the temperature control of the Freezer room or Fridge room is set to other than "Med", ECONAVI does not operate.)

■ How to operate the "9 levels" mode

The refrigerator is specially designed for appropriate use, which can adjust the temperature level to detailed 9 levels with the following details.






















To adjust the temperature for the Fridge room

- ① Set the LED display to the "Min" position by touching the [Fridge] button.
- ② Touch and hold the [Fridge] button for 10 seconds until the LED display returns to show at the "Min" position.
- ③ Use the [Fridge] button to set the required temperature mode, where level 1 is the minimum cooling mode and level 9 is the maximum cooling mode. (As specified in the LED Display table.)

To adjust the temperature for the Freezer room

Follow steps ① ~ ③ above, but select Freezer room [Freezer] instead of Fridge room [Fridge].

●LED Display table

Cooling Level Levels	<div> <div>Minimum</div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div>Maximum</div> </div>								
	1	2	3	4	5	6	7	8	9
LED Display									
<div>  Lighting  Blinking  Not lighting </div>									

Temperature control

■ To reset the setting “9 levels” mode

Repeat steps ① and ②, then the refrigerator returns to normal operation mode.

Remark

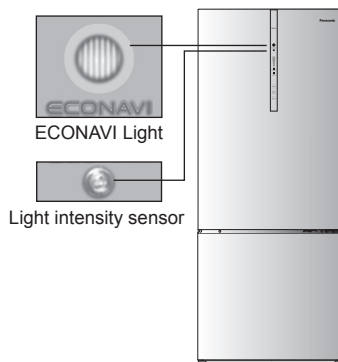
- Prime Fresh room does not have “9 levels” mode.
- The temperature control can vary depending on the environment and amount of food stored in the refrigerator.

ECONAVI operation

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

■ ECONAVI operation

- The refrigerator learns the lifestyle patterns of your family from door opening and time periods of infrequent use to maximise energy efficiency.
- The refrigerator learns your lifestyle patterns from the previous 3 weeks of use and uses that data from the 4th week onwards. Therefore the ECONAVI light “ON/OFF” pattern may change from the 4th week onwards.
- The refrigerator performs the ECONAVI energy saving operation when it becomes dark**2 around the refrigerator such as overnight when you are asleep.
- The brightness of the ECONAVI light is lowered approximately 5 minutes after the light turns on.



■ Settings for enabling ECONAVI operation

- ECONAVI operation is automatically enabled when the temperature control for both the freezer and refrigerator compartment is set to “Med”.
- ECONAVI mode does not operate if the “Quick Freezing” or “Prime Fresh+” mode is in operation.
- It is not possible to force to start of the ECONAVI mode.

Remark

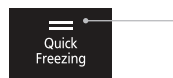
*1 The effectiveness of the ECONAVI mode is dependant on the ambient temperature, ambient brightness and the number of times the refrigerator door is opened and closed and the state in which food is stored.

*2 Darkness is detected by the light intensity sensor at approximately 3 lx to 10 lx or less.

Quick Freezing

When “Quick Freezing” is set, the refrigerator will reduce the temperature quickly for better performance of preserving food and speed of making ice.

■ How to operate the “Quick Freezing” mode



Light is on: Quick freezing is operated
Light is off: Quick freezing is not operated

- Touch the button [Freezer] until the light LED [Quick Freezing] turns on. “Quick Freezing” mode starts after about 10 seconds.

Remark

- If you want to stop the “Quick Freezing” operation immediately, touch the button [Freezer] until the light LED [Quick Freezing] turns off.
- The “Quick Freezing” operation will automatically stop after 60 mins (as ambient temperature is 18 °C or lower) or 150 mins (as ambient temperature is 19 °C or higher) and return to normal mode. (The light LED [Quick Freezing] turns off.)
- The light LED [Quick Freezing] flashing means that the defrosting system is now working. The “Quick Freezing” mode will start right after the defrosting operation is finished.
- The Freezer temperature control will not operate during “Quick Freezing” mode as the compressor is already at maximum operating levels for the “Quick Freezing” mode.

Prime Fresh+

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

■ How to operate the “Prime Fresh+” mode

Touch the button [Prime Fresh] until the light LED [Prime Fresh+] turns on.

Remark

- If you want to stop the “Prime Fresh+” operation immediately, touch the button [Prime Fresh] until the light LED [Prime Fresh+] turns off.
- The system will stop the “Prime Fresh+” operation automatically when it runs for 105 mins (as ambient temperature is 18 °C or lower) or 145~150 mins (as ambient temperature is 19 °C or higher) and return to normal mode. (The light LED [Prime Fresh+] turns off.)
- The light LED [Prime Fresh+] flashing means that the defrosting system is now working. The “Prime Fresh+” mode will start right after the defrosting operation is finished.

Remark

When “Prime Fresh+” mode is active, if you set the “Quick Freezing” mode, the “Prime Fresh+” mode will stop and fridge activates “Quick Freezing” mode and vice versa.

Prime Fresh room

- This room is suitable for storing fresh food such as meat or fish.
Compared to storing in the Fridge room, the storage life of meat or fish becomes longer.
- When food is frozen too much...
Sliced raw fish or meat may be frozen too much. Set the temperature control to "Min" to prevent food from over frozen.
- When food is not partially-frozen...
Depending on the type of food such as a block of meat or a large fish, the storage conditions and the ambient temperature, food may not be partially-frozen as it intended. Set the temperature control to "Max" (P. 8).



Easy to cut.

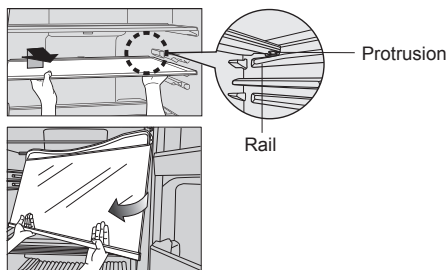
The partially-frozen food is easy to cut!
It comes in handy.



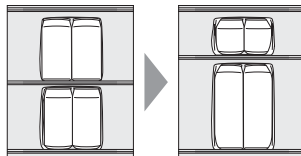
Fridge room

The position of the second tray from the top can be changed

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



- ② Insert the tray in the desired position by reversing the steps.



- Glass shelves are heavy.
Please handle them with care so that they do not fall and cause any damage or injury.

Freezer room



- A lot of frozen food and cooked meal can be stored.

Three tips for freezing food and locking in the flavour...

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

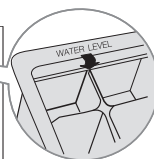
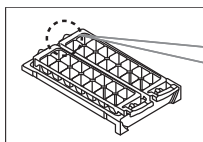
To make ice

1 Take out the ice twister



Pull out the ice twister. (P. 16)

2 Fill with water



Fill water up to the "WATER LEVEL" line.

3 Install the ice twister



Place tray back into the ice making room.

4 To move ice cubes



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

Usage tips

Where to store these different foodstuffs?

Approx.

1 °C~7 °C

Fridge room

“Processed food and drinks...”

For regular storage of food and drinks or temporary storage of those to be served soon.



Approx.

3 °C~8 °C

Vegetable case

“Fruits and vegetables”

A rather high humidity keeps fruits and vegetables fresh and juicy.



Approx.

-5 °C~-1 °C

Prime Fresh room

“Fresh food...”

For storage of meat, fish, processed foods (such as hams and sausages) for 1 week with soft freezing.



Approx.

-23 °C~-17 °C

Freezer room

“Dried or frozen foods...”

For storage of food for an extended period.



Storage using hermetically sealed containers is recommended!

To prevent the interior from being discolored!



- Cut citrus fruits
(→ The plastic will be discolored white.)

To prevent odors from spreading!



- Garlicky or other strong smelling vegetables
(→ Odors will spread to other nearby food.)



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 5 minutes before plugging again. If not, the compressor may not work.

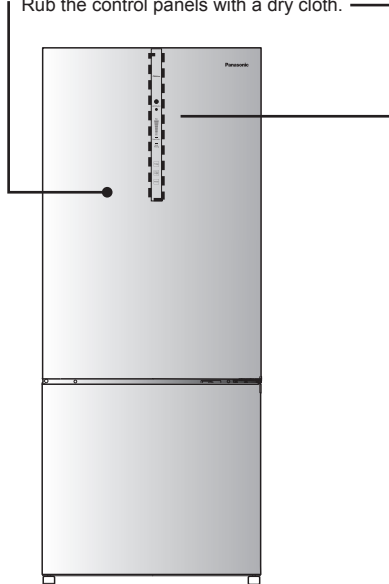
Clean the refrigerator immediately after it is stained!

Wipe off stains on the interior surfaces quickly before they harden.

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



Rub the door surface with a soft damp cloth.
Rub the control panels with a dry cloth.



Clean the detachable items occasionally.

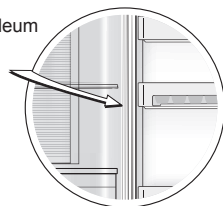
Once a week for the ice twister. As a guide, remove the trays, door shelves, etc. and wash them by immersing them in lukewarm water every three months.



Clean the door gasket at least once a month.

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

Point where petroleum 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!)

Alkaline or faintly
Alkaline



Cleanser or soap powder



Benzine, thinner, alcohol,
acid, petroleum



Scrubber



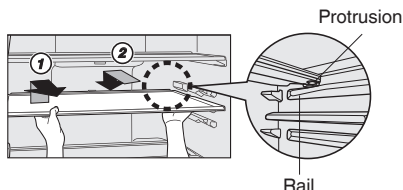
Hot Water

How to clean the refrigerator

Trays

■ Removing

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



■ Attaching

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



Remark

- When removing the tray above the vegetable case, please pull out the vegetable case first and then follow to removing the tray as above details.
- In case of attaching the tray and it does not lock, make sure that you did not attach it the wrong tray.
- Trays are made of glass and heavy. Please handle them with care so that they do not fall and cause any damage or injury. For attaching trays, hold them with the protrusion side down and firmly insert.

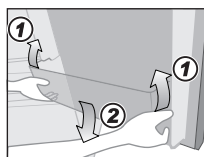
Egg shelf/Bottle shelf

■ 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.



Vegetable case/Prime Fresh case

■ Removing

- ① Pull the case unit forward until it reaches the end of the stopper.
- ② Lift the front of the case unit slightly and remove completely.



■ Attaching

- ① Insert the case unit into the supports.
- ② Raise the case unit up slightly and push forward until the end is reached.

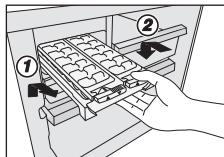


How to clean the refrigerator

Ice twister (Quick Ice Making corner)

■ Removing

- ① Unhook the protrusion by lifting it upward and pulling the ice twister and ice box forward until completely removed.



Ice twister

■ Attaching

- ② Push the ice twister and ice box until it reaches the end lock.



Ice box

Attention

- You can disassemble the ice twister and ice box to increase space in the freezer.

Troubleshooting

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

The refrigerator does not operate.

- Check that the plug and its socket are in good condition.
- Check if there is any problem on main fuse and electrical system of the house.
- Check by unplug and wait for 5 minutes before plugging it back in.

The refrigerator does not cool enough.

- Check to be sure that light in control 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?

Outside

- When the ambient humidity is too high, the door gasket may have dew. This situation will be stopped if the air humidity decreases. Please wipe it up with dry cloth.

Dew, snow appear.

Inside

- Is the door closed firmly?
- Is the door being opened and closed too frequently?
- When too high weather humidity, long opening time or making too much ice, inside the freezer compartment may appear frozen snow. 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.
- Check if evap pipe in contact with pan water evap.

Troubleshooting

Food becomes frozen.

- Do you put the food near cold air holes?
- Do you adjust the temperature control at “Max”? Adjust to “Min”?
- Do you put food in prime fresh room?

The inside is smelling.

- Do you store the odour food without wrapping it?

The surfaces of the refrigerator is hot.

- Because the refrigerator is equipped with the dew prevention and heat radiation tubes, the surfaces of the refrigerator get warmer when operating.
- The back and side plates may get warmer especially when starting up or if the door is frequently opened and closed.

The normal sounds of refrigerator.

- When the refrigerator starts operation, the sound like water flowing and boiling water is created. This is the sound of the cooling liquid.
- The noise is generated when the automatic defrost system is operating.
- 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 at 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.

Light does not turn on.

- Please contact Panasonic service center.

The ECONAVI light does not light properly.

ECONAVI does not operate (the ECONAVI light does not light).

- Has the “Quick Freezing” mode been activated? (P. 10)
- Is the temperature setting of the freezer compartment and fridge compartment set to something other than “Med”?
- Has the door been opened frequently or has hot food been placed in the refrigerator?
- The learning function may automatically disable ECONAVI operation during times of frequent use.

ECONAVI operation is rarely performed.

- Is there a power failure?
If a power failure occurs, the learning function data collected up until the point of power failure will be lost. The ECONAVI operation will rarely be performed until the learning function has collected data again.

Troubleshooting

The ECONAVI light does not light properly.

ECONAVI operation is stopped part way though.

ECONAVI operation is performed too often (the ECONAVI light rarely turns off).

- If the auto defrost function is turned on during ECONAVI operation, the normal cooling operation will need to be performed after defrost. Therefore the ECONAVI operation may be stopped during this defrost/cooling process.
- The learning function may sometimes restart the normal cooling operation.

- Is the light intensity sensor hidden?
- Are there dirt or scratches on the control panel where the light intensity sensor is located?
- ECONAVI operation may be performed while the refrigerator is being used depending on the conditions of use, but the cooling performance is maintained.

Specifications

Model No.		NR-BX471W	NR-BX471C
Freezer Star Rating		✱✱✱✱	
Capacity (L) Gross/Storage (IEC 62552:2007)	Total	465/405	
	Freezer	136/98	
	Fridge, Prime Fresh	329/307	
Outside dimensions Width x Depth x Height (mm)		686 x 697 x 1790	686 x 695 x 1790
Refrigerant Type		R600a	
Net weight (kg)		74	67
Cooling System		Non-frost cooling.	
Rated Voltage (V) Rated Frequency (Hz)		Refer to the rating label attached inside the cabinet.	

Memo

[illegible]

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

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規格

型號		NR-BX471W		NR-BX471C
冷凍等級				
容量 (公升) 總容量/淨容量 (IEC 62552:2007)	合計	465/405		
	冷凍室	136/98		
	-3°C微凍結室 冷藏室,	329/307		
	尺寸 闊 × 深 × 高 (毫米)	686 x 697 x 1790	686 x 695 x 1790	
雪種類型		R600a		
淨重 (kg)		74	67	
製冷系統		風冷式		
額定電壓 (伏特) 額定頻率 (赫茲)		請參考雪櫃門上的額定標籤。		

ECONAVI 燈沒有完全亮起。

雪櫃的表面發熱。

雪櫃的正常聲音。

燈無法打開。

ECONAVI 不能操作。
(ECONAVI 燈不亮)

極少執行
ECONAVI 操作。

ECONAVI 操作部份停止。

運行
ECONAVI 操作過於頻繁
(ECONAVI 燈很少關閉)。

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

- 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，過於頻繁地關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。

請聯繫當地經銷商。

- “Quick Freezing”模式正在運行嗎？(第10頁)
- 急凍室的溫度設定是不是“Med”(中溫)？
- 您頻繁打開雪櫃門或是儲存過非常熱的食物？
- 在經常使用的情况下，學習功能可能會自動禁用 ECONAVI 操作。

- 是否發生電源故障？
- 如果發生電源故障，學習功能在此之前收集的資料將會丟失。在學習功能再次收集資料之前，將極少執行 ECONAVI 操作。

- 例如在 ECONAVI 操作過程中啟動解凍(自動)，之後將需要運行正常的製冷操作，因此可能會停止 ECONAVI 操作。
- 學習功能有時可能會重啟正常的製冷操作。

- 光強傳感器是否被隱藏？
- 控製面板是否有污垢划痕(光照強度部分)？
- 根據使用條件，可以在使用雪櫃過程中運行 ECONAVI 操作而繼續維持冷凍效果。

雪櫃使用說明指引

在尋求維修服務前，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現問題。
- 檢查時請拔除插頭，等待至少5分鐘後再重新插回。

雪櫃溫度不夠低。

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

外面

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

出現水珠、結霜。

裡面

- 請檢查雪櫃門是否緊密關閉？
- 雪櫃門是否過於頻繁地開關？
- 如果環境濕度過高，長時間打開櫃門或製作了太多冰塊，冷凍室內部就可能結霜。這是正常現象。請用乾燥的軟布抹掉。

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。
- 當雪櫃完成製冷後，噪聲將降低。
- 打開和關閉門時，雪櫃內部可能會發出噹叫聲。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。
- 檢查與鍋水接觸的蒸發管是否蒸發。

食物結冰。

- 是否把食物放近冷風口處？
- 是否將溫度控制調整為「Max」（強冷）？調整為「Min」（弱冷）。
- 是否將食物放在速凍格？

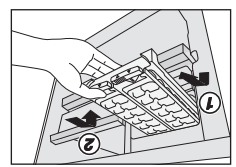
內部出現異味。

- 是否放置沒有包裹，會發出氣味的食物？

製冰器(快速製冰區)

■ 取出

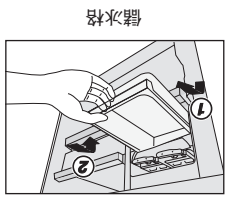
- ① 將製冰器和儲冰格向上抬起並向前拉，打開鎖扣直至完全將其鬆開。



製冰器

■ 裝上

- ② 製冰器和儲冰格向裡推入，直至到達盡頭。



儲冰格

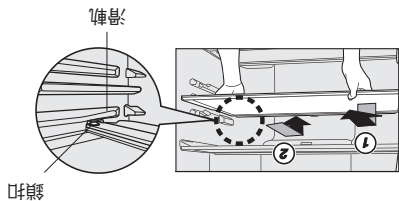
● 您可以拆卸製冰器和儲冰格，以增加冷凍室內的空間。

注意

托盤

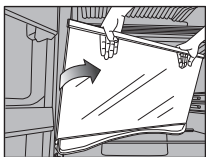
■ 取出

- ① 向上抬起托盤並往前拉。打開托盤與滑軌間的鎖扣，傾斜托盤並取出。



■ 裝上

- ② 托盤向裡推入，直至到達盡頭。



備註

- 取下蔬果格上的托盤時，請先拉出蔬果格，再如上所述取出托盤。
- 如在裝回托盤時發現無法扣緊，請檢查確認是否安裝錯誤的托盤。
- 托盤是由玻璃製成而且很重。
- 請小心處理它們，以免它們掉落並造成任何損壞或傷害。要裝托盤時，將突出側朝下握住並牢固插入。

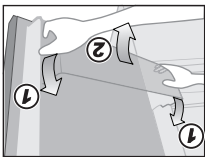
儲蛋架/置瓶架

■ 取出

- ① 抓住左右兩側交替向上抬起。

■ 裝上

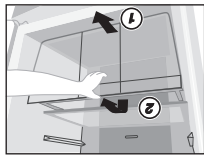
- ② 置於兩邊的支架上，向裡推入，直至到達盡頭。



蔬菜格/-3°C微凍結室

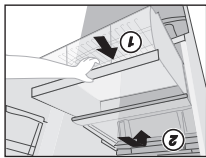
■ 取出

- ① 將蔬菜格/-3°C微凍結室向外拉出直至到達盡頭。
- ② 稍微抬起蔬菜格/-3°C微凍結室前端，然後完全取出。



■ 裝上

- ① 將蔬菜格/-3°C微凍結室插到支架上。
- ② 稍微抬起後向裡推入，直至到達盡頭。



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，請放置至少5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！

在污物凝結之前，迅速擦去污漬。

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可用柔軟的布蘸溫水進行清潔。

請用濕軟布擦拭門表面。用乾布擦拭控制面板。

使用柔軟的布蘸溫水和肥皂進行清潔，然後，用濕軟布擦掉肥皂水。

偶爾清潔可拆卸物品。

製冰器，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。

每個月至少清理一次

雪櫃門封邊。

用濕軟布擦拭清潔。石油凝膠已塗在設備鉸鏈側的門封邊上

注意不要擦掉它。

註

雪櫃門封邊可由授權的服務代理商進行更換。

清潔時，如果門封邊脫落，可將其推回到凹槽內。

說明

請勿使用以下物品。(否則，表面會被刮擦或腐蝕。)

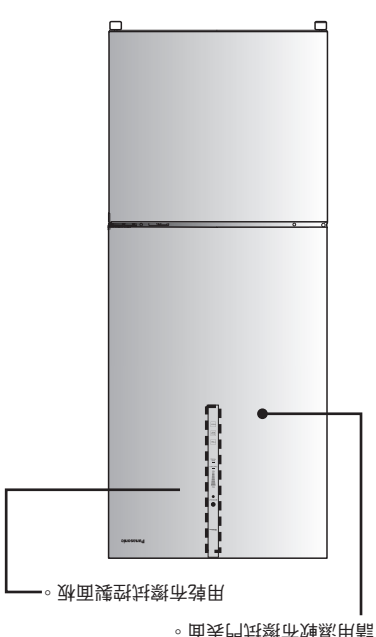
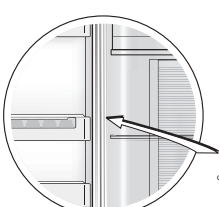
廚房用清潔劑 (會使塑料破裂)

清潔劑或肥皂粉

汽油、酸、溶劑、洗滌劑、

洗滌劑

熱水



使用提示

這些不同的食物存放在哪裡？


“經過處理的食品和飲料...”
用於常規存儲食物和飲料或者暫時儲存即時需
要的食物和飲料。



冷藏室

大約 1°C~7°C


“水果和蔬菜”
較高濕度便於保持水果和蔬菜保鮮多汁。



蔬果格

大約 3°C~8°C

“新鮮食品...”
微凍儲存新鮮肉、魚、經過處理的食品
(例如火腿和香腸)1周。



-3°C微凍結室

大約 -5°C~-1°C

“經乾燥或冰凍的食品...”
適用於更長時間存儲食品。



冷凍室

大約 -23°C~-17°C

推薦使用密封容器進行儲存！

防止托盤
內側掉色！



防止氣味擴散！



- 切削柑橘類水果
(→ 塑料將會褪色變成白色)
- 大蒜或者其他氣味很大的蔬菜
(→ 氣味會蔓延至附近的食品)





●可以儲存許多冷凍食品和熟食。

冷凍食物和保持食物味道的三個技巧

1. 快速冷凍薄且小的食物
2. 完全密封
3. 不要重覆冷凍

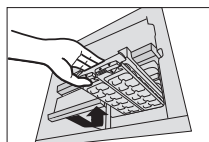
製冰

1 取出製冰器



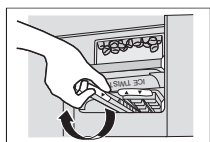
拉出製冰器。(第16頁)

3 安裝製冰器



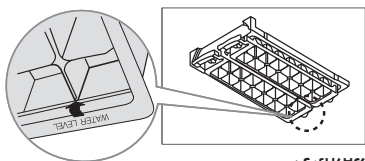
將冰塊盤放進製冰室。

4 取出冰塊



順時針轉動製冰器。
(冰塊便會掉進儲冰盒。)

2 加滿水

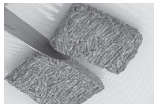


加水至“WATER LEVEL”(水位線)。

-3°C微凍結室

- -3°C微凍結室適合儲存魚、肉等新鮮食材。與冷藏室相比，魚、肉的儲藏壽命會延長。
- 食物冷凍過度時
魚片或肉片可能會過度冷凍
將溫度控制設置為“Min”(最小)，
避免食物過度冷凍。
- 食物無法完全冷凍時
受到食物大小影響，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。
此時將溫度控制設置為“Max”(第8頁)。

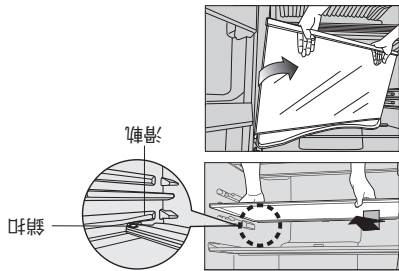
易於切開
冷凍食物易於切開！
更為方便。



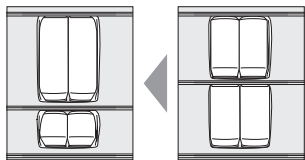
冷藏室

可以更改從頂部算起第二個托盤的位置

- ① 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。
- ② 以相反的步骤將托盤放回原處。



- 玻璃盤架很重。
請小心處理它們，以免它們掉落並造成任何損壞或傷害。



當-3°C微凍結模式 (Prime Fresh+) 處於激活狀態時，如果設置快速冷凍模式 (Quick Freezing)，-3°C微凍結模式 (Prime Fresh+) 將停止，雪櫃即啟動快速冷凍模式 (Quick Freezing)，反之亦然。

備註

- 如果您想立即停止“Prime Fresh+”(-3°C微凍結模式) 運行，按下“Prime Fresh”按鈕直至LED指示燈“Prime Fresh+”熄滅。
 - 在運行105分鐘 (環境溫度為18°C或更低) 或運行145-150分鐘 (環境溫度為19°C或更高) 之後，“Prime Fresh+”(-3°C微凍結模式) 將自動停止運行並返回正常模式 (LED指示燈“Prime Fresh+”熄滅)。
 - LED指示燈“Prime Fresh+”閃爍表示除霜系統正在運行。“Prime Fresh+”模式會在除霜操作結束後立即開始。
- 按下“Prime Fresh”按鈕直至LED指示燈“Prime Fresh+”點亮。

備註

■ 如何操作“Prime Fresh+”(-3°C微凍結模式) 模
設置為“Prime Fresh+”(-3°C微凍結模式) 時，-3°C微凍結室將快速降低溫度，以更好地保存食物。

-3°C微凍結模式 (Prime Fresh+)

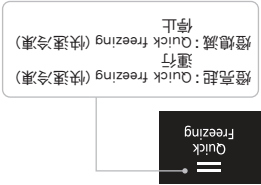
- 如果您想立即停止“Quick freezing” (快速冷凍) 運行，按下“Freezer”按鈕直至LED指示燈“Quick freezing”熄滅。
- 在運行60分鐘 (環境溫度為18°C或更低) 後或運行150分鐘 (環境溫度為19°C或更高) 之後，“Quick freezing” (快速冷凍) 操作將自動停止運行並返回正常模式。(LED指示燈“Quick freezing”熄滅)。
- LED指示燈“Quick Freezing”閃爍時表示除霜系統正在運行。“Quick Freezing” (快速冷凍) 模式會在除霜操作結束後立即開始。
- 由於壓縮機已經處於“Quick Freezing” (快速冷凍) 模式的最大運行水平，因此在“Quick Freezing” (快速冷凍) 模式下，雪櫃的溫度控制製器將無法運行。

備註

- 按下“Freezer”按鈕直至LED指示燈“Quick Freezing”點亮。10秒鐘之後“Quick Freezing” (快速冷凍) 模式啟動。
- 如何操作“Quick Freezing” (快速冷凍) 模式

設置為“Quick Freezing” (快速冷凍) 時，雪櫃將快速降低溫度，以更好地保存食物和製冰速度。

快速冷凍模式 (Quick Freezing)



■ 重新設定“9段溫度等級”模式

重複步驟 ① 和 ②，然後雪櫃會返回至正常操作模式。

備註

- -3°C微凍結室 (Prime Fresh room) 沒有“9段溫度等級”模式。
- 溫度控制視乎環境和食身儲存量的變化而不同。

ECONAVI 智慧節能模式

■ 控制 ECONAVI 智慧節能模式

- 雪櫃在運作期間，將會學習您家庭的日常生活方式，以最大程度提高能源效率。
- 雪櫃在前3周會學習您家庭的日常生活方式，從第4周開始，將可按照您家庭的日常生活方式來運作。

因此，ECONAVI 燈的“ON/OFF”（開啟/關閉）模式將可從第4周以後開始改變。

- 當雪櫃周圍變暗時，將執行ECONAVI節能操作*2，例如在您晚上睡覺時。

- 打開燈後，ECONAVI燈的亮度將降低大約 5 分鐘。

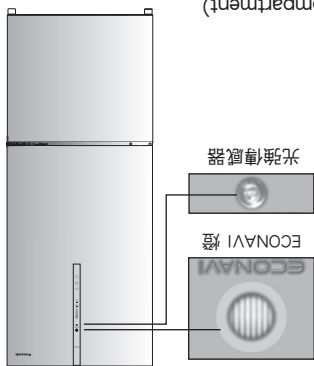
■ 啟用 ECONAVI 智慧節能模式的設定

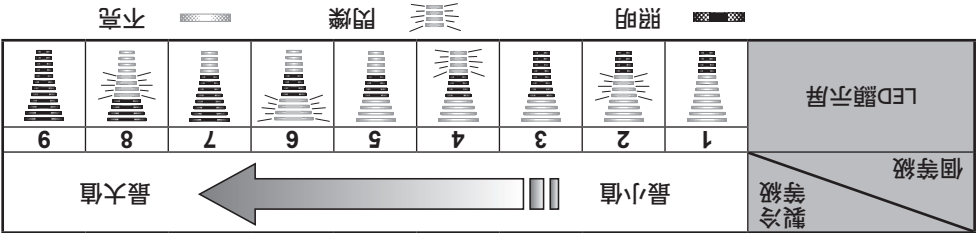
- 只有當冷凍室 (Freezer Compartment) 和冷藏室 (Refrigerator Compartment) 的溫度控制設定為“Med” (中溫) 時，ECONAVI 智慧節能模式才會自動啟用。
- 如果正在進行“Quick Freezing” (快速冷凍) 模式或“Prime Fresh+” (-3°C微微結) 模式時無法操作 ECONAVI。
- 不能強行啟動 ECONAVI 智慧節能模式。

備註

*1 ECONAVI 智慧節能模式的效能視乎室內環境溫度、亮度、雪櫃門開關的次數以及食品儲存量而不同。

*2 通過光強傳感器檢測到的暗度約為 3 lx 至 10 lx 或更小。





● LED顯示屏

根據上述步驟 ① ~ ③，但選擇「Freezer（冷凍）」而非「Fridge（冷藏）」。

對於冷凍室的調控

- 9是最大值製冷模式。(如下表當中所示。)
- ③ 使用「Fridge」按鈕設定所需要的溫度模式，其等級1是最小值製冷模式，而等級
- ② 按「Fridge」按鈕並停留10秒鐘，直到LED顯示屏返回顯示“Min”(最小)位置。
- ① 按「Fridge」按鈕將LED顯示屏設定為“Min”(最小)。

對於冷藏室的調控

本雪櫃經特別設計，旨在滿足特殊用途，可細分成9段不同溫度等級以供調節，其詳情如下。

■ “9段溫度等級”模式

ECONAVI 模式則無法運作。)

通常雪櫃的使用溫度設定為“Med”(中溫)。

溫度設定	Max(最大)	Med(中溫)	Min(最小)
大約低於“Med” (冷藏室)	大約低於“Med” (中溫)	大約低於“Med” (中溫)	大約高於“Med” (中溫)
大約低於“Med” (中溫)	大約低於“Med” (中溫)	大約低於“Med” (中溫)	大約高於“Med” (中溫)
大約低於“Med” (中溫)	大約低於“Med” (中溫)	大約低於“Med” (中溫)	大約高於“Med” (中溫)
大約低於“Med” (中溫)	大約低於“Med” (中溫)	大約低於“Med” (中溫)	大約高於“Med” (中溫)
大約低於“Med” (中溫)	大約低於“Med” (中溫)	大約低於“Med” (中溫)	大約高於“Med” (中溫)
大約低於“Med” (中溫)	大約低於“Med” (中溫)	大約低於“Med” (中溫)	大約高於“Med” (中溫)
大約低於“Med” (中溫)	大約低於“Med” (中溫)	大約低於“Med” (中溫)	大約高於“Med” (中溫)
大約低於“Med” (中溫)	大約低於“Med” (中溫)	大約低於“Med” (中溫)	大約高於“Med” (中溫)
大約低於“Med” (中溫)	大約低於“Med” (中溫)	大約低於“Med” (中溫)	大約高於“Med” (中溫)

■ 溫度控制設定和溫度調控範圍

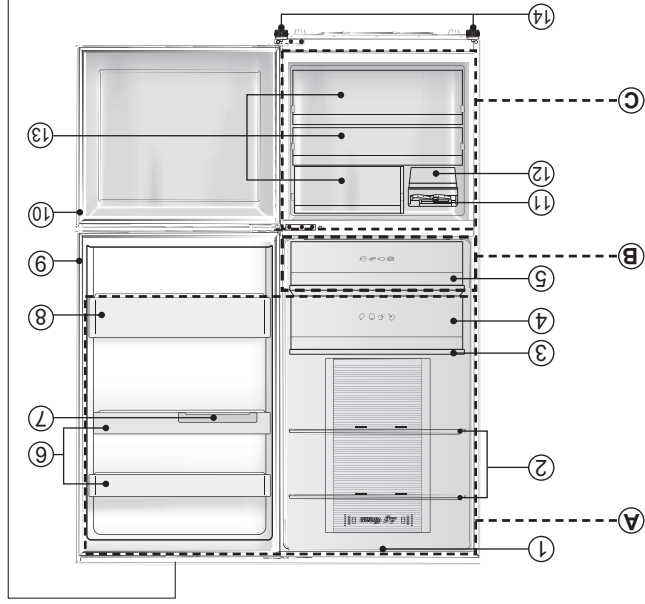
溫度調控範圍為 Min (最小) - Max (最大) 級別。

按下「Fridge」按鈕調控 Fridge room (冷藏室) 的溫度。

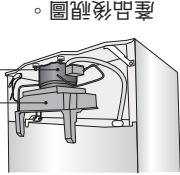
按下「Prime Fresh」按鈕調控 Prime Fresh room (-3℃微凍結室) 的溫度。

按下「Freezer」按鈕調控 Freezer room (冷凍室) 的溫度。

- ① LED 燈
- ② 冷藏室玻璃托板
- ③ 蔬果格玻璃托板
- ④ 蔬果格
- ⑤ -3℃微凍結室
- ⑥ 儲蛋架
- ⑦ 儲蛋托
- ⑧ 置瓶架
- ⑨ 冷藏室櫃門封邊
- ⑩ 冷凍室櫃門封邊
- ⑪ 製冰器
- ⑫ 儲冰格
- ⑬ 冷凍格
- ⑭ 可調節櫃腳
- ⑮ 鍋水蒸發器
- ⑯ 壓縮機



* NR-BX471C型號中，沒有LED 藍色指示燈。



產品後視圖。

門控製面板

NR-BX471W / NR-BX471C

ECONAVI (第9頁)

LED顯示屏

-3℃微凍結模式(第10頁)

快速冷凍模式(第10頁)

冷藏室(第8頁)

-3℃微凍結室(第8頁)

冷凍室(第8頁)

安裝位置與牆壁間的距離

- 雪櫃頂部和天花板之間必須至少留有5厘米的空隙。
- 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。

安裝區域

- 切勿把雪櫃放置在潮濕的地方。因為這樣容易生鏽可能導致漏電。
- 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。

- 為防止雪櫃因地震而傾斜，請使用固定帶和其他物品固定雪櫃。

移動或變更位置

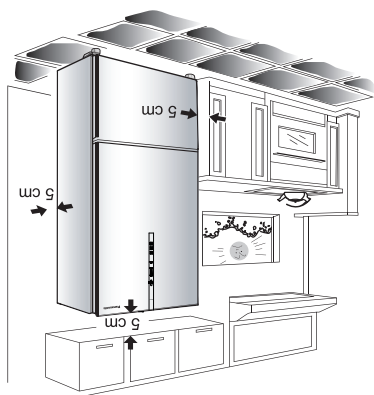
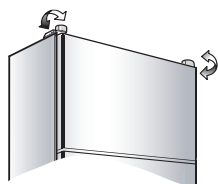
- 在移動或轉移雪櫃時，移開製冰裝置、冷凍箱、鍋水蒸發器等，檢查以確保雪櫃內無水。

電源線設定

- 若使用電源線，應將左邊的排水托盤移開，然後拿出電源線，按下兩側將排水托盤插入雪櫃內。

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，請聯絡當地經銷商。
- 如果雪櫃沒有接地插頭，須將其連接至接地端以防漏電。



使用時:

- 當拔掉插頭後，至少等候5分鐘，才能再次插上電源。
- 否則，可能會導致壓縮機停止運作。
- 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。
- 當接通電源後，雪櫃外壁可能會發熱，這是正常現象，這是由用來防止雪櫃凝結水汽而散發熱量的內置豎框乾燥機管所造成的。
- 當濕度很高時（例如在雨季）在雪櫃機身外部可能有水汽，特別是在櫃門密封整周圍。請用乾淨的布片擦掉凝結的水汽。
- 蔬果格里面的濕氣可能會凝結成水汽，所以需要布片定期進行擦拭。每月對蔬果格清潔一次。
- 切勿將櫃門長時間打開，特別是在炎熱潮濕的天氣裡更需注意。



儲存食物時:

- 切勿把熱/燙的食物放進雪櫃。
- 切勿放置過多的東西。
- 食品之間必須要有間隙以保持冷卻效果。
- 將水果和蔬菜儲存在蔬菜保鮮盒中，鎖緊水份，令食物長時間保鮮。
- 應蓋緊飲水瓶，飲料瓶，以防止異味進入瓶內。
- 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。
- 將熱餸放入雪櫃之前，請將其冷卻至室溫。
- 用緊蓋，塑料膜或箔片蓋住多汁食品。



特殊功能

1) ECONAVI

運行智慧節能 (ECONAVI) 模式的微晶片與主控製板集成。智慧節能 (ECONAVI) 模式通過檢測雪櫃的使用頻率（開門和關門）來自動調整以節省能源。

2) 變頻壓縮機

根據箱內的溫度變化，電動機會以不同速度運轉。

當溫度穩定時，電動機會以較低速度運轉（節能和低噪音）。當需要強力製冷時，電動機會以較高速度運轉。

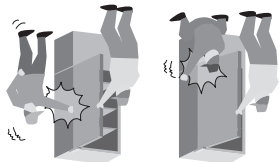
否則可能導致燙傷或意外事故。



小心

開/關櫃門時:

- 在打開雪櫃時，切勿將手指放入雪櫃門夾縫處。
- 注意門的間隔。關門時可能夾住您的手。



儲存食物時:

- 切勿冷凍玻璃瓶，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，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，這些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採取適當防護措施等。



使用須知

開/關櫃門時:

- 切勿存放比托架或托盤大的物品，否則雪櫃門將無法完全關閉，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。
- 經常檢查櫃門密封膠，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腐蝕雪櫃表面。
- 每三個月清洗一次雪櫃背部壓縮機上方的排水托盤，以防止因潮濕產生異味。



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座。

- 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座上。
- 定期清除電源插頭上的灰塵。
- 如果電源線損壞，必須由廠家，服務代理或相關的合格人員進行更換，以防發生危險。
- 若您聞到一股燒焦的氣味，請斷開電源插頭，並對廚房進行通風。
- 若出現任何異常現象或故障，請停止使用本雪櫃。異常及故障範例：
 - 電源線或插頭異常滾燙。
 - 電源線被深切或變形。
 - 聞到燒焦氣味。
 - 觸摸雪櫃時感到有麻刺感。
- 請立即聯繫您當地的經銷商進行保養/維修。

在緊急情況下：



R600a
iso-butane



- 切勿在本設備中儲存爆炸性物品，如備有易燃壓縮氣體的噴霧罐。
- 切勿在本設備中的使用除臭器等電器，如果製冷劑洩漏，可能會對接點產生火花而引起爆炸。
- 切勿在本設備中的食品儲藏室內使用電器，除非該型號電器是由製造商推薦。
- 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。
- 除生產商建議的方式外，切勿使用機械設備或其他方式加速除霜過程



安裝時需注意：

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



- 確保將雪櫃插頭接入已接地的電源插座。不得插入未接地的電源插座。

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。]

小心



這個標識表示
[可能導致傷害或故障。]



isobutane
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



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携式插座或便携式耗材。
- 保持設備外殼或內置結構中的通風口暢通無阻。
- 該雪櫃不適合身體，感官或精神能力降低或者缺乏經驗和知識的人員 (包括孩童) 使用，除非得到其安全負責人員關於使用雪櫃的監督或指示。
- 應對孩童進行監督，確保其不使用雪櫃玩耍。



- 在將雪櫃做再生資源利用之前，請拆除所有附在門上的密封條，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。



回收產品時:



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■ NON-CFC

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

非常感謝您購買 Panasonic 產品。

- 使用本產品前請仔細閱讀這些說明並遵照第 2-5 頁的安全注意事項。
- 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。