

Operating Instructions Refrigerator

For Household Use

Model No.: **NR-C371H, NR-C341H**
NR-C371HL

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

Safety Precautions

Please be sure to follow these instructions.



WARNING

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



These signs mean prohibited action.



This sign means required action.



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



CAUTION

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



iso-butane

Risk of fire/flammable materials.

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



WARNING

In case of emergency:



- Maintenance work 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 power 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.
- **Do not** place your feet under the bottom drawer. (Otherwise your toes may get caught.)



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.
- Hold the carrying handles and move the refrigerator with at least 2 people. (Otherwise your hands may slip and cause an injury.)

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 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 cases of each compartment may condense so wipe it with a cloth periodically. Clean the cases once a month.
- If you will not be at home for several days and there are nothing refrigerated in the refrigerator, the power 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 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.



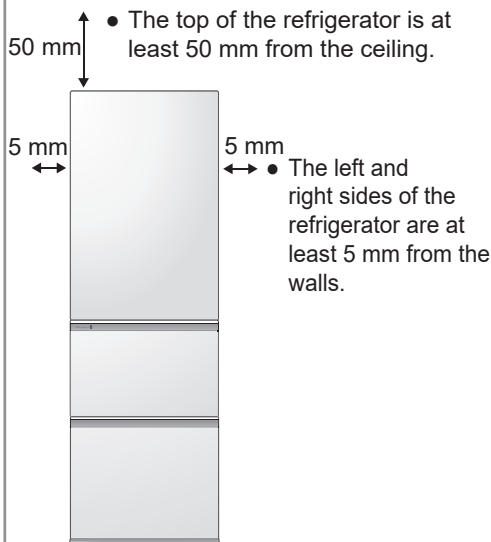
When storing food:

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



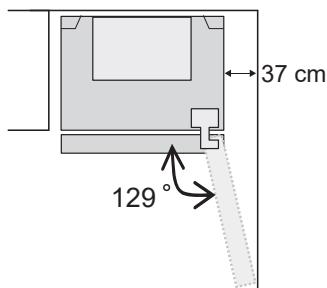
Installation

The distance requested for installation



Caution

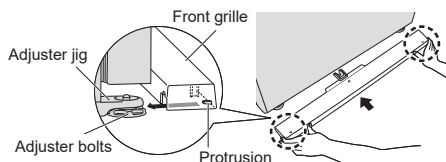
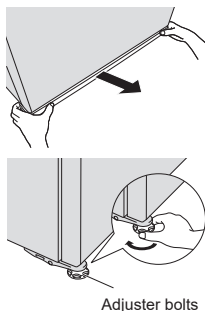
- In case the refrigerator is placed near walls, it is necessary to ensure that the space between the right side of the refrigerator and the wall is at least 37 cm. If this space is less than 37 cm, the doors may not be fully opened and the Glass trays, Chill case, etc. could not be taken out.



- 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 and Water filters, Ice maker.
 - 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.

Fix the refrigerator.

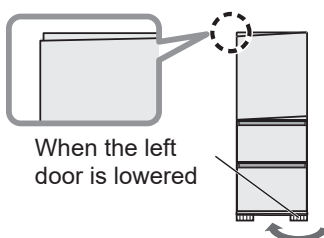
- 1 Remove the Front grille. Insert hands underneath the 「↓」 on both sides of the Front grille and pull it out.
- 2 Turn the Adjuster bolts (right and left) until they reach the floor to stabilize the refrigerator.
- 3 Reattach the Front grille.
 - If the refrigerator has not been stabilized completely, then you may hear rapping noises when the door is opened/closed. (This will not affect the performance.)
Install the refrigerator on sturdy and flat floors.



If the door is slanted downwards.

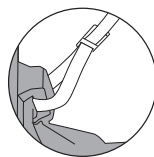
Turn the Adjuster bolt on the lower side, as shown in the diagram, in order to adjust the level.

- The Fridge door 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.

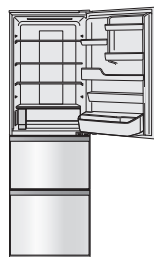


Refrigerator doors should not be opened during the interior cooling process.

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

Please wait until the interior has cooled down.

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



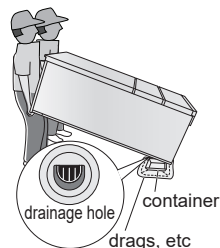
Installation

LED lamp and grounding

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

Moving or shifting

- 1 Remove 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 touch the floor.
- 4 Place a rag or similar under the drain at the bottom of the back and place a container (2 cm or less in height) on top of it, then slowly tilt the refrigerator backward to drain water from the drainage hole.

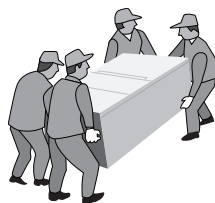


※ How to move and transport

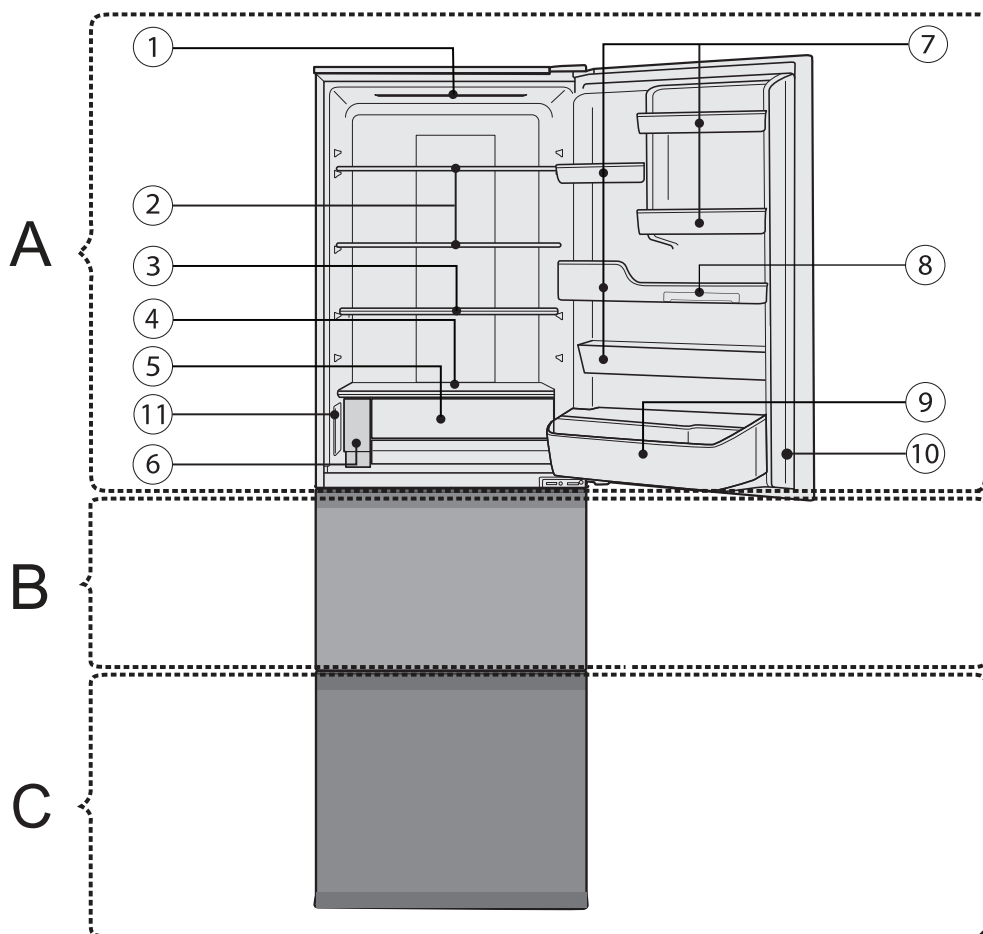
- At least 2 people are required to transport the refrigerator and do not stack horizontally. (This can cause injury or breakdown.)
- Each person lifts a corner of the refrigerator.
- Do not transport by holding the refrigerator doors.

Caution

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



Parts Identification

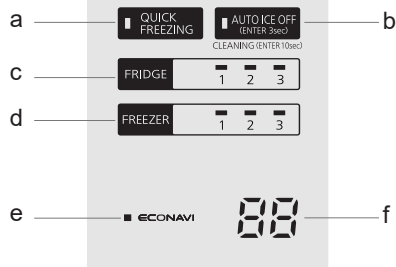


※ Model NR-C371H

Parts Identification

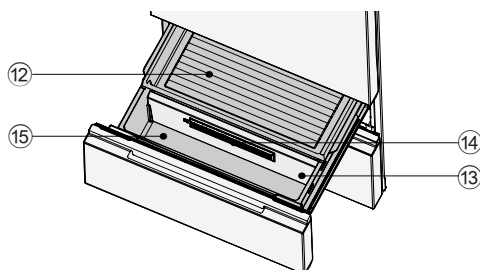
A-Fridge compartment

- ① LED Lamp of Fridge compartment
- ② Glass tray of Fridge compartment (*)
- ③ 1-2 Glass tray
- ④ Glass tray of Chilled case
- ⑤ Chilled case
- ⑥ Water tank of Auto Ice maker
- ⑦ Door shelf (**)
- ⑧ Egg tray
- ⑨ Bottle shelf
- ⑩ Door gasket of Fridge compartment
- ⑪ Operation Panel



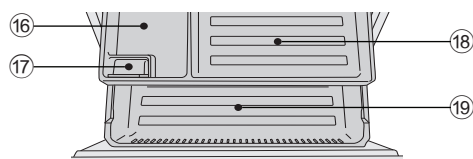
- a. Control button and LED of Quick Freezing
- b. Control button and LED of Auto Ice Off
- c. Temperature control of Fridge compartment
- d. Temperature control of Freezer compartment
- e. Icon and LED of ECONAVI: display the current status of ECONAVI operation.
- f. Notification display area: display the occurrence of abnormalities.

B- Vegetable compartment



- ⑫ Fruit case
- ⑬ Moisture control plate
- ⑭ Moisture control filter
- ⑮ Vegetable case

C-Freezer compartment



- ⑯ Ice corner
- ⑰ Ice scoop
- ⑱ Upper Freezer case
- ⑲ Lower Freezer case

(*) In model NR-C371H, NR-C371HL, there are two Glass trays of Fridge compartment.
In model NR-C341H, there is a Glass tray of Fridge compartment.

(**) In model NR-C371H, NR-C371HL, there are five Door shelves in Fridge compartment.
In model NR-C341H, there are three Door shelves in Fridge compartment.

Temperature Control

The temperature can be adjusted for “1” - “3” levels. Press “Freezer” to adjust temperature of Freezer compartment and press “Fridge” to adjust temperature of Fridge compartment.

Temperature setting \ Button	“Fridge” (Fridge compartment)	“Freezer” (Freezer compartment)
“3”	Lower than “2” by approx. 2 °C ~ 3 °C	Lower than “2” by approx. 2 °C ~ 3 °C
“2”	Approximately 3 °C ~ 6 °C	Approximately -20 °C ~ -18 °C
“1”	Higher than “2” by approx. 2 °C ~ 3 °C	Higher than “2” by approx. 2 °C ~ 3 °C

Generally, use the refrigerator with the temperature set to “2”.

- The temperature inside the refrigerator will vary depending on the ambient temperature, installation status, usage conditions and amount of food.
- 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.

Fine adjustment mode

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

How to operate the Fine adjustment mode

For the Fridge compartment

- 1 Set LED display to “1” with the “Fridge” button.
- 2 Press and hold the “Fridge” button (for 10 seconds) until the LED display return to show at “1” position.
- 3 Set “9 levels” mode following below table mentioned by pressing the “Fridge” button.

For the Freezer compartment

Operate above ① ~ ③ steps with pressing “Freezer” button instead of “Fridge” button.

To reset the setting Fine adjustment mode

Repeat step ① and ②, then the refrigerator return to normal operation mode.

Remark

- Temperature control varies depend on the changing of environment and food storage quantity.

■ LED Display table

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

Usage Tips

Storage location	Temperature guide	Purpose of food processing and recommended foods
Fridge compartment	3 °C ~ 6 °C	“Food and drinks...” For regular storage of food and drinks or temporary storage of those to be served soon. 
Chilled case	0 °C ~ 2 °C	“Processed food...” For storing processed foods, chilled foods, etc. 
Vegetable compartment	3 °C ~ 8 °C	“Fruits and vegetables” A rather high humidity keeps fruits and vegetables fresh and juicy. 
Freezer compartment	-20 °C ~ -18 °C	If storing food for an extended period...” For storage of frozen or dried foods. 

Storage using hermetically sealed containers is recommended!

- Green onions or other strong smelling vegetables
(→ Odors will spread to other nearby food)
- Cut citrus fruits
(→ The plastic will be discolored white.)



ECONAVI Operation

The refrigerator detects the opening and closing of the refrigerator doors 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.

■ 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 at “2”, respectively.
- ECONAVI operation does not operate if the Quick Freezing is in operation.
- It is not possible to force to start of the ECONAVI operation.

Remark

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

Quick Freezing

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

■ How to operate the Quick Freezing



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

- Press the “Quick Freezing” button to start Quick Freezing. Then, the LED of Quick Freezing will turn on.
- If you want to stop the Quick Freezing operation immediately, press the “Quick Freezing” button once, then 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.

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 Auto Ice maker automatically.

■ How to operate the Auto Ice Off mode



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

- Press and hold the “Auto Ice Off” button for 3 seconds 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 and hold the “Auto Ice Off” button for 3 seconds. Then, the LED of Auto Ice Off will turn off.

■ How to operate the Auto Ice Clean mode



LED is flashing: Auto Ice Clean is operated
LED is off: Auto Ice Clean is not operated

- Press and hold the “Auto Ice Off” button for 10 seconds to enable the Auto Ice Clean mode. At the end of the automatically cleaning process, the refrigerator will have a notification sound.

Remark

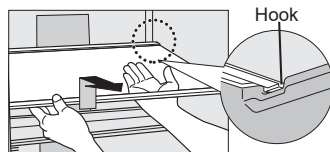
- Cannot stop/disable the operation of Auto Ice Clean mode when it is in processing.
- Do not open the Freezer compartment door when Auto Ice Clean mode is in processing to prevent the water from flowing out.

For details on the cleaning operation of Auto Ice maker, please refer to Page 18.

Fridge compartment

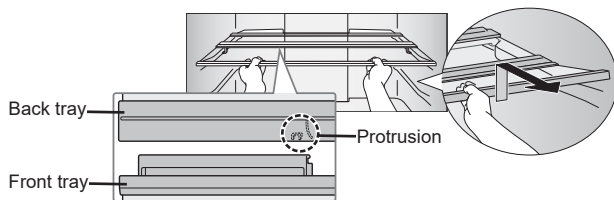
The position of the glass tray of Fridge compartment can be changed

- ① Lift up the back edge of the glass tray out of the two hooks and slide the glass tray forward.
- ② Slide the glass tray backward and put it on the hooks.
 - Glass trays are heavy.
Please handle them with care so that they do not fall and cause any damage or injury.

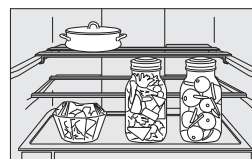


1-2 Glass tray

Lift the front-half glass tray to the above or attach it to the bottom, then you can increase space for food storage and store taller items without needing to store lying down.



Lift the front part of the front tray, release the protrusions on the left and right sides, and pull it towards you to remove it.



Attach the previously removed tray to the bottom.



Put the previously removed tray on the back tray.

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 inside the Fridge compartment!

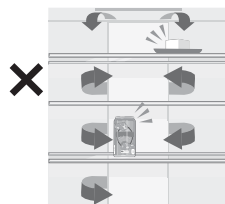


No wasting cool air inside the refrigerator is the key to keeping food fresher for longer!

■ Do not block the cool air outlet with food items

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

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



Vegetable compartment

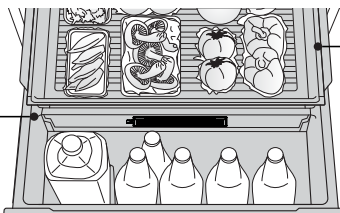
The Vegetable compartment is equipped with a large-capacitor and the guide rail with a maximum opening angle, making it easier to take out food and increasing its load-bearing capacity, allowing the user to gently pull the case out with just one hand.

Vegetable compartment stores vegetables and fruits wrapped in plastic wrap to prevent them from drying out.

If you want to keep beer bottles cool during the summer, we recommend storing them in the refrigerator.

Vegetable case

It is suitable for storing leafy vegetables that dry out quickly: spinach and sunny lettuce, or large vegetables, ect.



Fruit case

Remark

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

Tips

For vegetables that are recommended to be stored at room temperature and foods that are prone to low-temperature damage, choose the storage method and storage location, such as storing them in a cool, dark place out of direct sunlight or cooling them in the refrigerator just before eating.



- Pumpkin, sweet potato, onion
→ Place in a cool, dark place.

- Vegetables: green beans, eggplants, cucumbers
- Fruits: bananas, mangoes, avocados
→ Refrigerate for a short time before eating.

Freezer compartment

Ice corner

For detail of Auto Ice maker, see P. 16, P. 17, P. 18.



Upper Freezer case

Lower Freezer case

Keep food below the upper storage limit to avoid hitting the Upper Freezer case.

(This can prevent the case from closing properly, which may cause frost and damage to the food and Freezer compartment parts.)

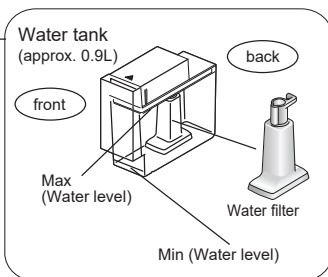
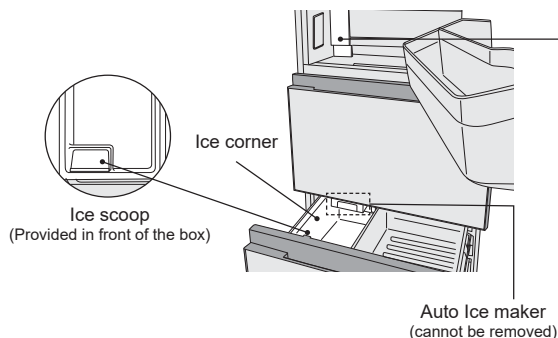
Food storage limit

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.



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

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



Drinking water



Juice, etc.



Sports drinks



Carbonated beverages



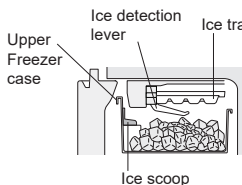
Hot water

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 13)

Attention

When the Ice corner 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 corner for making more ice.

Request

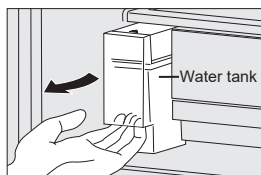
- If ice gets into the Ice scoop, remove it. (This may prevent the case from closing.)
- Do not pour water directly into the Ice corner to make ice. (Otherwise, the Ice corner may be broken.)
- Do not put food or other things into the Ice corner. (Otherwise, the amount of ice cannot be correctly detected and Auto Ice making may be stopped or the Ice corner cannot be pulled out.)
- Do not forcefully open or close the Freezer compartment door. (This may cause ice to fall into the Freezer cases.)

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.

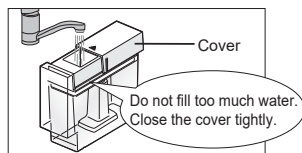
How to use Water tank of Auto Ice maker

1 Take the Water tank out.



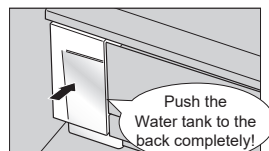
Pull out the Water tank until it is blocked.

2 Fill with water.



Slide the cover and fill the Water tank with water, then put the cover back in place.

3 Install 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.)
- Do not carry the tank by holding only the cover. (The tank may fall.)

Remark

- Discard the ice cubes made for the first time using the refrigerator. (They may be dusty or smelly.)
- Discard the ice cubes which accumulate in the Ice corner.
- If the Water filter is clogged with the water scale, you may not be able to make ice.

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 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.

- ❶ Pull out the Ice corner, remove all ice cubes from the Ice corner (after the ice cubes are fully formed), and then install the Ice corner back.
 - ❷ Fill the Water tank with water.
 - ❸ Select the Auto Ice Clean mode (Page 13).
 - 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 Off on the Operation Panel will turn off, the ice maker cleaning process will end and the Auto Ice making will be started.
 - ❹ Pull out the Ice corner from the Freezer compartment, throw away the water in the Ice corner and wipe the water off.
- If you do not clean all water on the Ice corner, the Ice corner 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

- ❶ Select the Auto Ice Off mode, the LED of Auto Ice Off on the Operation Panel will turn on and the refrigerator will stop making ice (Page 13).
- ❷ 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 corner is full, the Auto Ice making will be stopped.
- ❸ When you want to continue making ice automatically, please select the Auto Ice Off, and the LED of Auto Ice Off on the Operation Panel will turn off (Page 13).

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

- ❶ Empty the Water tank and remove all ice cubes from the Ice corner.
- ❷ Clean the Water tank, Water filter, Water tank seal rubber and Ice corner; dry and put them back to their place.
- ❸ When using again, please refill the Water tank and put it back.

■ When transporting the refrigerator

- ❶ Remove all ice cubes from the Ice corner.
- ❷ Select the Auto Ice Clean, the LED of Auto Ice Off on the Operation Panel will flash and the refrigerator will start cleaning the Auto Ice maker.
(At this time the ice cubes and water in the process of making ice will fall into the Ice corner.)
- ❸ The cleaning process will stop after about 2 minutes. Take out the Ice corner and empty the ice cubes and water in the Ice corner.
- ❹ Empty the Water tank, clean the Water tank, Water filter and Ice corner; 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 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.

Clean the detachable items occasionally.

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



Notice

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.

Request

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



Kitchen detergents
(They crack plastic!)

Alkaline or weak Alkaline



Cleanser or soap powder



Benzine, thinner,
alcohol, acid, petroleum



Scrubber



Hot Water

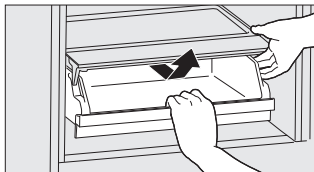
How to clean the Refrigerator

Case

Once every 3 months

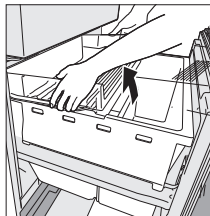
Chilled case

- 1 Pull the case until it reaches the end of stopper.
- 2 Raise up the front of case a bit and then completely take out.



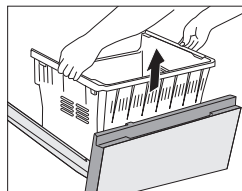
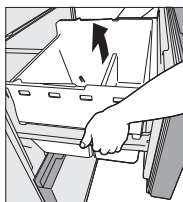
Fruit case/Upper Freezer case

- 1 Take it out diagonally
Pull the door out all the way, lift the front part and remove it at an angle.



Vegetable case/Lower Freezer case

- 1 Pull out the Vegetable compartment/Freezer compartment, lift it up further and place it on the floor.
- 2 Lift the Vegetable case/Lower Freezer case and remove it.



Remark

- The contact sections of the drawer rail have been coated with lubricant. Do not wipe it off.
- When the upper Freezer case or the Fruit case has been removed, install by positioning "FRONT" that is written on the bottom of the case on the front side.
- When cleaning with water, make sure you thoroughly dry off any droplets of water before replacing.

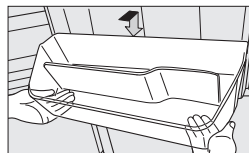
■ Remove

Tap the bottom of the small shelves upward or slide alternately the left and right of the large shelves upward, and raise them slowly. (Tightly attached)



■ Attach

Insert it horizontally and press down to install.



Remark

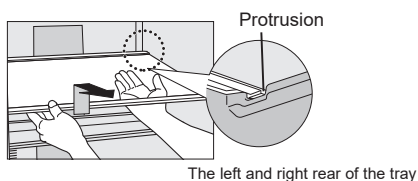
- When removing the bottle shelf, remove the door shelf above before removing it.

Tray

Once every 3 months

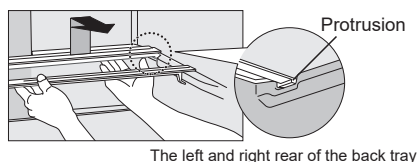
■ Glass tray of Fridge compartment

Remove the protrusion at the back and pull it out.



■ 1-2 Glass tray

Remove the front tray, then remove the protrusion at the back of the rear tray and pull it out.



Remark

- 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.
- Wipe trays with a soft cloth.

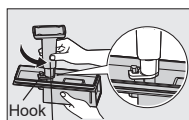
Water filter

Weekly

- 1 Remove the lid and clean the Water tank with water.



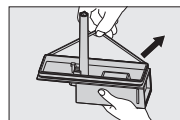
- 2 Turn the Water filter to unhook and remove it.



- 3 Gently rinse the Water filter.



- 4 Removing the packing from the edges of the back and clean it with water.



Remark

- The Water filter is recommended to be replaced every 3 years.
- If the Water filter is clogged with the water scale, you may not be able to make ice.

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 the main fuse and electrical system of the house.
- Unplug the unit and wait for 7 minutes before plugging it back in.

The refrigerator does not cool enough.

- Check that the lights on the Operation Panel are displayed at the proper position.
- Check to see if the refrigerator is overloaded with stuff or if 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 case, Ice corner. 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.

The inside is smelling.

- Do you store food with dry odor without wrapping it?

Troubleshooting

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.

Light does not turn on.

- Please contact Panasonic service center.

Food becomes frozen.

- Do you put the food near cooling air vents?
- Do you adjust the temperature control at "3"? Adjust to "2" or "1". (Page 11)

Error display on Operation Panel.

- The letter "H" and two digits are displayed on Operation Panel.
For example: H01
→ Please contact the Panasonic service center for support.
- U10: Warning if doors are opened too long.
→ Check that the doors are closed properly.
- The letter "dd" are displayed on Operation Panel. It is in demo mode (Cooling operation stopped).
→ Please cancel demo mode:
 - Open the Fridge and Freezer compartment door.
 - Press and hold "Freezer" for 10 seconds or more.
(The release is completed when the letter "dd" is disappeared and a beep sound is heard.)
 - Close the Fridge and Freezer compartment door.

Troubleshooting

Auto Ice making.

The refrigerator does not make ice.

- If the water in the Water tank does not decrease after a while, the Ice maker is not working.
- The ice making process begins after the inside of the refrigerator is cold enough. (It may take more than 24 hours to start the process.)
- Check if the Auto Ice Off is set. (Page 13)
- Be sure to fully push the Water tank and Ice tray into place.
- Do not leave food in the Ice maker.
- Do not install or remove the Ice tray frequently.
- Check if the Water tank is almost empty.
- If water spills on the Ice corner, 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 "2"?
→ Adjust to a lower temperature. (Page 11)

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 or connected by sublimation.)
- The ice is small.
→ Small ice cubes are made when there is no water left in the tank.

Troubleshooting

The ECONAVI light does not come on normally.

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

- Is Quick Freezing active?
- When the temperature of both Fridge compartment and Freezer compartment are not set at "2", 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 not active until the learning function can collect the data again.

The ECONAVI operation is stopped halfway.

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

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

- The ECONAVI operation may operate while the refrigerator is in use depending on the usage conditions, but the cooling operation is still maintained.

Specifications

Model No.		NR-C371H NR-C371HL	NR-C341H
Freezer Star Rating			
Capacity (L)	Standard	IEC 62552:2015 + A1:2020	
	Total	365	326
	Freezer (Four-star compartment)	72	72
	Vegetable (Cellar compartment)	81	81
	Fridge (Fresh food compartment)	212	173
Outside Dimensions Width x Depth x Height (mm)		600 x 600 x 1850	600 x 600 x 1695
Net Weight (kg)		73	68
Refrigerant Type		R600a	
Cooling System		Non-frost cooling.	
Rated Voltage (V) Rated Frequency (Hz)		Refer to the rating label attached inside the cabinet.	

■ About software

Product numbers:

NR-C371H
NR-C371HL
NR-C341H

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