



Panasonic®

OPERATING INSTRUCTIONS

Refrigerator for Household Use

(Frost-Free Freezer)

Model No.: NR-Y561HB-SG

- Please read the Operating Instructions and Warranty Card carefully, and keep them properly for future reference.
Please read “Safety Precautions” carefully before using this Product.
- If you need repairing or consulting service, please contact Panasonic service center or visit Panasonic official website (<https://www.panasonic.com/sg/>).
We are always delighted to serve you!

Contents

Highlighted Features	3
Safety Precautions	4
Installation	7
The best way for food preservation	10
Operation Panel.....	11
Temperature Control.....	12
Function Setting.....	13
Alarm Alert.....	14
Fridge compartment	15
Freezer compartment	16
How to disassemble components.....	20
How to defrost and maintain the refrigerator	21
Question & Answer	23
List of accessories	26
Specifications	27
Copyright	28

Environmental protection

When disposing of the packaging



Packaging materials are reusable, so that it should be handled properly when disposing. Bags, cartons or plastic packaging should be kept out of the reach of infants and children, to avoid injury or asphyxiation.

When disposing of the refrigerator

- Unplug from the power source.
- Cut off the power cord, dispose of the refrigerator with the power plug.
- Remove the doors and the door gasket of the refrigerator to prevent accidents to children.
- The refrigerator uses flammable refrigerant and Cyclo-Pentane is used for insulation of this refrigerator. When you dispose this unit, please contact a competent scrap collection company to avoid affecting the environment or causing other hazards.

Highlighted Features

◆ **High efficiency, energy savings**

Panasonic inverter compressor allows energy savings and ensures a low noise level.

◆ **Top-mounted compressor type**

Panasonic's unique design of the top-mounted compressor is to optimize the internal space effectively compared to traditional bottom compressors.

◆ **Prime Fresh -3 °C**

The Prime Fresh case preserves food at a standard temperature of -3°C, keeping it fresh for 7 days and allowing you to cook immediately without defrosting. Additionally, it offers the flexibility to be converted into an extended Fridge compartment.

◆ **Quick Freezing**

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

◆ **Auto Ice system**

The refrigerator is equipped with an Auto Ice system with antibacterial features to fulfill for ice cube needs at any times and there is an Auto Ice Clean to automatically clean the Ice maker.

◆ **Convenient Operation Panel**

- Fridge compartment and Freezer compartment are independently controlled to optimize usage performance;
- LED display shows temperatures and functions;
- Touch screen buttons, simple and convenient temperature and function setting;
- Alarm Alert;
- Operation Panel Button Lock.

Safety Precautions

Please be sure to follow these instructions.

To avoid any danger to users or damage to the property, it is required to comply with the following requirements:

- Danger and loss classification due to improper uses:



WARNING

May lead to a serious injury or death.



CAUTION

May result in injury or property damage.



Prohibited actions



Required actions



Warning:
Risk of fire/
flammable materials



WARNING

Risk of fire, injury, explosion, or electric shocks.

When using:



Prohibited
actions

- Do not disassemble the refrigerator for repair or modification yourself.
- Do not damage the refrigerant circuit to avoid fire and explosion caused by refrigerant leakage.
- Do not use flammable sprays near the refrigerator.
- Do not use mechanical devices or other means to accelerate the defrosting process unless recommended by the manufacturer.
- Do not use electrical devices other than those recommended by the manufacturer in food compartments.
- Do not remove the back cover of the refrigerator.
- Do not spray water on the body or inside the refrigerator.
- Do not allow children to swing on the refrigerator door.
- Do not put flammable or explosive objects such as fire-aid sprayers in the refrigerator.
- Do not store medicine and medical laboratory items in the refrigerator.
- Do not hit the glass tray hard.
- Do not touch the mechanical parts of the Auto Ice maker with your hands.
- The Water tank of the Auto Ice maker can only be filled with drinking water.
- Do not remove the Ice box while making ice.



Required
actions

- In case of leakage of flammable gas, open the window for ventilation and do not touch the refrigerator.
- If you smell burning, unplug the refrigerator to turn off the power.
- If LED does not work, please contact the Panasonic service center and do not replace it by yourself.
- 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.

Plug and power cord



Prohibited
actions

- Do not touch the power plug with wet hands.
- Do not damage the plug and power cord.
- Do not use if the power cord or plug is damaged.
- Do not reattach the power cord.
- Do not unplug by pulling on the power cord.
- Do not use a loose power outlet.
- Do not compress the power plug at the back of the refrigerator.



Required
actions

- Use a dedicated, independent wall outlet with a ground wire and ensure that the power circuit is securely grounded.
- Use a power outlet AC220V, 10A or higher.
- Make sure the power plug is facing down the power cord.
- Disconnect the equipment immediately if any abnormality occurs with the plug or power cord.
- Unplug the power cord when repairing or cleaning the refrigerator.
- Ensure the power cord is not bent or damaged when placing the refrigerator.
- Do not place multiple portable power outlets or portable power sources behind the refrigerator.
- Ensure that the location of the power plug should be convenient for cleaning. (Dust on the power plug should be removed regularly. Accumulated dust may cause poor insulation or fire due to moisture etc.)
- If the power cord is damaged, please contact the Panasonic service center. To avoid danger, do not replace it yourself. It should be replaced by a specialist from the manufacturer, maintenance department, or similar departments.
- 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 you touch the refrigerator body.

When installing



Prohibited
actions

- Do not place the refrigerator where there is a high risk of splashing of water.
- Do not place items such as buckets filled with water, electrical outlets, voltage stabilizers, microwave ovens and similar lit candles on top of the refrigerator.



Required
actions

- There should be no obstructions around the refrigerator or in the built-in structure to provide good ventilation.
- When using the refrigerator in a humid place, it must be grounded and a leak-proof switch must be also installed.

When disposing



Required
actions

- When disposing of the refrigerator, remove the refrigerator door and door gasket to prevent locking a child in it.
- The refrigerator uses flammable refrigerants and Cyclo-Pentane as insulation material, so it must be disposed of properly.



CAUTION

Otherwise it may cause injury, accidents.

When using



Prohibited
actions

- Do not place glass bottles in the Freezer compartment.
(The liquid in the bottle will expand after freezing, causing cracks or breakage and serious injury.)
- When placing bottles and other items, do not exceed the edge of the glass tray.
(If large bottles are placed in the refrigerator, opening/closing the door may cause them to fall and cause injury.)
- Do not touch foods and containers in the Freezer compartment with wet hands.
(It may cause frostbite, especially when stored in metal containers.)
- Do not eat foods that have strange smells or are discolored.
(Eating spoiled foods may cause illness.)

When cleaning



Prohibited
actions

- Do not put your hands into the bottom of the refrigerator.
(When cleaning, your hands may be scratched if you put your hands in the bottom of the refrigerator.)



Required
actions

- If you need to move the refrigerator during cleaning, place protective plates on the floor to avoid damage.

When opening/closing the doors



Prohibited
actions

- When closing the refrigerator door, do not put your hand on the upper part of the door. (Your fingers may get stuck.)
- Do not use strong force to open or close the refrigerator door.
(You may be injured by food falling out of the refrigerator.)
- Make sure no one else touches the refrigerator.
(Avoid clamping the fingers when holding the door.)
- When opening the Freezer compartment doors of the refrigerator, pay attention to your feet.

Installation

To reduce power consumption and noise, ensure the refrigerator is installed properly and securely.

Remove the packaging

Remove the packaging box, foam sheets, and fixed adhesive tape.

Prepare a suitable installation location

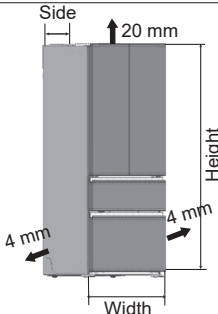
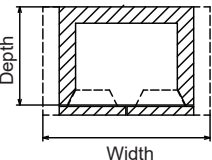
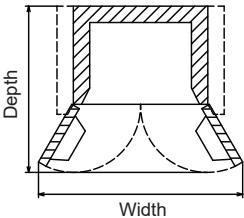
It should install the refrigerator in a place that is not affected by thermal sources or sunlight because it can reduce the cooling capacity and increase the power consumption. If the refrigerator is installed in a place with low humidity and good ventilation, it can inhibit the development of mold and save power.

Install on a flat and stable surface

Rotate the adjusted bolts to fix the refrigerator (avoid vibration and noise). If it is placed on a carpet or PVC floor, a solid wooden board should be placed under the refrigerator (to avoid discoloration caused by heat resistance).

Ensure heat dissipation space

1. The thermal dissipation of the refrigerator must be ensured during its operation.
To ensure normal operation, it is necessary to leave a sufficient space for air circulation around the refrigerator. As shown in the figure, it should leave a space of more than 20 mm at the top (it may be wider in case of vibration and noise). The space for opening or closing the refrigerator door must be $\geq 120^\circ$.
2. Before installation, it is necessary to consider objective factors such as deformation during use, uneven floor surface and convenient space, it is necessary to leave a gap of more than 4 mm on the left and right sides.

Outside dimensions	Required usage space	Total usable space required Required air circulation space
		

Outer dimensions (mm): Width x Depth x Height	822x600x1890
Required usable space (mm): Width x Depth x Height	830x600x1910
Total usable space required to open the door at a 90° (mm), Width x Depth x Height	830x965x1910
Total usable space required to open the door at a 120° (mm), Width x Depth x Height	1172x965x1910

Remark

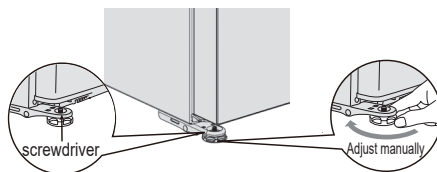
The above dimensions are design dimensions. There may be tolerances due to different measurement methods. It is necessary to adjust the dimensions based on the actual conditions.

Installation

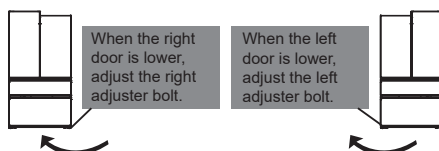
Adjustment method (The refrigerator must be placed on a flat surface.)

Turn the adjuster bolts according to the arrow direction to make sure they firmly lean against the ground to avoid vibration and noise.

If it is difficult to rotate manually, tools such as screwdrivers may be used.



If the left and right doors of the Fridge compartment are uneven, adjust the adjuster bolts in the direction of the arrow to their heights.



If the left and right doors of the Freezer compartment are uneven, contact the Panasonic service center for help.

※ Before powering on your refrigerator for the first time, let it stand inactive for at least 4 hours after installation and adjustment, then turn on the power to ensure the best operation of the refrigerator.

Remark

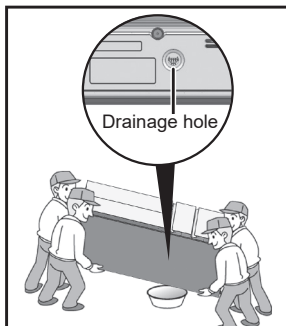
- Do not use an extension power cord. If you have to use an extension power cord choose a dedicated outlet with AC220V, 10A or higher, and regularly check for loose plugs or hot wires.
- In case of a power outage, reduce opening the refrigerator door and avoid putting new foods in. (Prevent the temperature inside the refrigerator from increasing.)
- After unplugging the power cord, wait 10 minutes before plugging again. (If plug immediately, it will increase the load of the compressor and may cause a problem.)

Before moving or transporting the refrigerator

- 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 and push the refrigerator forward.
- ④ Drain water from the drainage hole the refrigerator.

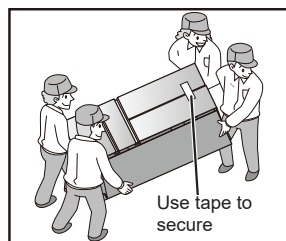
Place a container under the drainage hole, then slowly tilt the refrigerator backward to drain water.

This action requires 4 or more people, of which 2 people lift the front of the refrigerator to prevent the refrigerator from sliding and avoiding the risk of accidents.



When moving or transporting the refrigerator

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



Remark

- When moving and transporting, use tape to secure the refrigerator doors and avoid letting the doors open by itself.
- Do not move the refrigerator horizontally as it may cause damage to the refrigerator.
- After installation and leveling, do not turn on the power immediately. Wait at least 4 hours before plugging in the power to ensure the best option of the refrigerator.

The best way for food preservation

After installation

- Clean the inside of the refrigerator.
- Wait until its full cooling capacity before storing any food inside. (Even after plugging it in, the food will not cool down instantly. In summer when the outside temperature is high, it may takes 4 hours to cool down completely.)

Storing food

- Wipe food clean

Due to many stains, please clean the food before putting it in the refrigerator, sort and store it according to the function of the compartment, to avoid cross-contamination from keeping raw and cooked food together.

- Wrapping food

To prevent food from drying out and cross-odor, it is advisable to wrap food before freezing, so that the surface of the food remains dry. Do not place unfrozen food in direct contact with those already frozen. If it is necessary to freeze food daily, reduce the amount of frozen food.

- Cooling food

Hot food can increase the temperature inside the refrigerator, wasting electricity.

Food storage location

- Fridge compartment

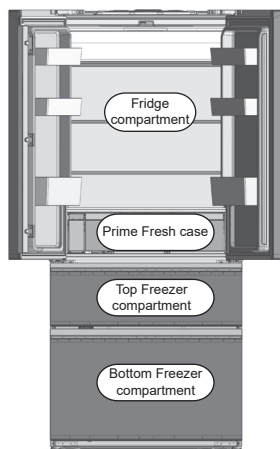
Fridge compartment is designed for preserving of cooked foods, eggs, beverages, condiments, canned and bottled items, etc.

- Prime Fresh case

Prime Fresh case is designed for preserving meat, fish, keeping it fresh for 7 days and allowing you to cook immediately without defrosting.

- Freezer compartment

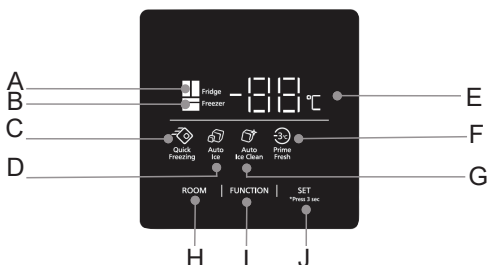
Freezer compartment is designed for preserving of ice cream, frozen food, and items require long-term preservation.



Operation Panel

Start using

- After powering on, open the the Fridge compartment door, the Operation Panel will light up, the temperature display will show 8°C for the Fridge compartment and -12°C for the Freezer compartment, and the Freezer compartment icon and Fridge compartment icon will also light up respectively, and Auto Ice icon will light up.



- A The Fridge compartment icon, it lights up when selecting the Fridge compartment.
- B The Freezer compartment icon, it lights up when selecting the Freezer compartment.
- C Quick Freezing icon, it displays the current status of the Quick Freezing.
- D Auto Ice icon, it displays the current status of the Auto Ice.
- E Temperature display area, it displays the temperature of the Fridge compartment and Freezer compartment.
- F Prime Fresh icon, it displays the current status of Prime Fresh -3 °C.
- G Auto Ice Clean icon, it displays the current status of Auto Ice Clean.
- H Room selection button, it is used to select the Fridge compartment or Freezer compartment when setting the temperature.
- I Function selection button, it is used to select required functions.
- J Set selection button, it is used to set temperature and set or cancel other functions. Press and hold the button for 3 seconds to unlock.

Remark

In summer, when the temperature outside is high, if you put uncooled food in the refrigerator or open/close the refrigerator doors repeatedly, the temperature inside the refrigerator will increase. Therefore, it is necessary to reduce doors opening times..

Temperature Control

- The default setting temperature of the Fridge compartment and Freezer compartment is “4°C” and “-20°C” respectively. The temperature setting for each compartment can be adjusted.
- The temperature inside the refrigerator will vary depending on the ambient temperature, installation status, usage conditions and amount of food.
- Due to different testing methods and tools, the actual temperature may differ from the displayed temperature. This refrigerator is equipped with a processor to control the temperature inside the refrigerator. When the ambient temperature changes, the compressor runs or stops, the doors are opened or closed, the temperature inside the refrigerator and the temperature setting will have a slight difference.

Unlock the Operation Panel

Open the Fridge compartment door, the Operation Panel will light up, and the temperature display area will switch to the temperature of the Fridge compartment and Freezer compartment, and the corresponding Fridge compartment and Freezer compartment display icons will light up, and the function selection button will light up. Press and hold the set selection button for 3 seconds, the Operation Panel will be unlocked, the temperature display area will show the set temperature of the Fridge compartment, and the Fridge compartment display icon will light up, and the function selection button will light up.

Fridge compartment temperature setting

After unlocking the Operation Panel, press the room selection button and select the Fridge compartment when the display icon lights up. Press the set selection button to adjust the Fridge compartment temperature. Each time the set selection button is pressed, the Fridge compartment temperature will be decreased by 1°C and the temperature display area will flash for 10 seconds after the temperature setting is completed, the temperature display area will stop flashing and the Operation Panel will be locked.

The temperature setting range of the Fridge compartment is 7 °C ~ 1°C and the temperature of the Fridge compartment will range “7°C” - “6°C” - “5°C” - “4°C” - “3°C” - “2°C” - “1°C”.

Freezer compartment temperature setting

After the Operation Panel is unlocked, press the room selection button and select the Freezer compartment when the display icon lights up. Press the set selection button to adjust the Freezer compartment temperature. Each time the set selection button is pressed, its temperature will be decreased by 1°C and the temperature display area will flash for 10 seconds, after the temperature setting is completed, the temperature display area will stop flashing and the Operation Panel will be locked.

The temperature setting range of the Freezer compartment is -17°C ~ -25°C and the temperature of the Freezer compartment will range “-17°C” - “-18°C” - “-19°C” - “-20 °C” - “-21°C” - “-22°C” - “-23°C” - “-24°C” - “-25°C”.

Function Setting

Unlock the Operation Panel

Open the Fridge compartment door, the Operation Panel will light up, the temperature display area will display the temperature of the Fridge compartment and the Freezer compartment, the corresponding Fridge compartment icon and Freezer compartment icon will light up, and the function selection button will light up. Press the set selection button for 3 seconds, and the Operation Panel is unlocked, the temperature display area shows the set temperature of the Fridge compartment, the Fridge compartment icon lights up and the function selection button lights up.

Quick Freezing

After unlocking the Operation Panel, press the function selection button and Quick Freezing icon will flash. Press the set selection button, the Quick Freezing icon will light up and Quick Freezing will be selected. The same operation can cancel the set Quick Freezing.

Quick Freezing can be used to freeze foods quickly.

After selecting the Quick Freezing, the temperature of Freezer compartment drops quickly to keep freezing fresh foods quickly.

After selecting the Quick Freezing, if the the temperature of Freezer compartment drops low enough, the Quick Freezing can be turned off; if the Quick Freezing is not turned off, the refrigerator will automatically turn off after finishing the default time of Quick Freezing (50 hours) under the time control.

Remark

- After selecting the Quick Freezing, the compressor may not stop operating for a long time or stop for a short time and the Freezer compartment temperature may be lower than the setting temperature.
- If the power cord is unplugged or the power is off, the set Quick Freezing will be automatically canceled.

Auto Ice

After unlocking the Operation Panel, press the function selection button, select the Auto Ice icon and it will light up, press the set selection button, the Auto Ice icon will light up and the Auto Ice is selected. The same operation can cancel the set Auto Ice.

Remark

If the power cord is unplugged or the power is off, the set Auto Ice will not be automatically canceled.

Auto Ice Clean

After unlocking the Operation Panel, press the function selection button, and the Auto Ice Clean icon will flash and be displayed. Press the set selection button, the Auto Ice Clean icon will light up and Auto Ice Clean will be selected.

After selecting the Auto Ice Clean, this function cannot be canceled in progress. For more details on the Auto Ice Clean, see Page 19.

Remark

If the power cord is unplugged or the power is off, the set Auto Ice Clean will be automatically canceled.

Function Setting

Prime Fresh -3 °C

After unlocking the Operation Panel, press the function selection button, the Prime Fresh icon will flash. Press the set selection button, the Prime Fresh icon will light up, Prime Fresh -3 °C is selected. The same operation can cancel the setting of Prime Fresh -3 °C.

Remark

If the power cord is unplugged or the power is off, the setting of Prime Fresh -3 °C will be automatically canceled.

Alarm Alert

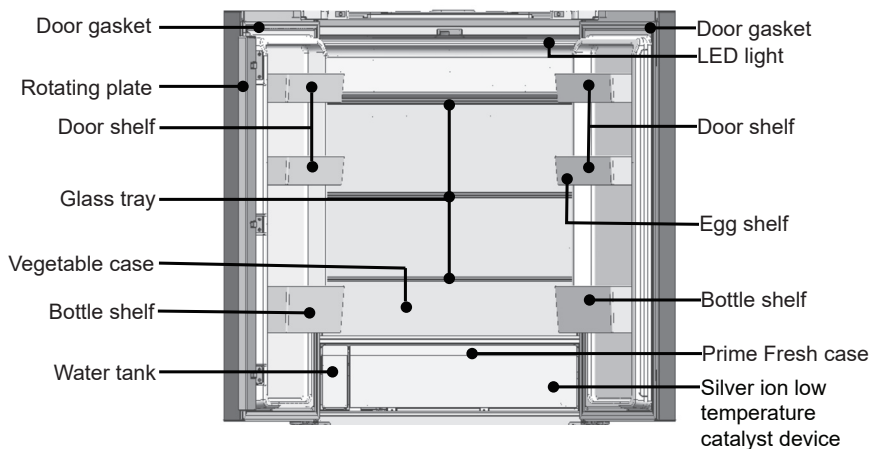
To remind you whether the Fridge compartment/Freezer compartment are closed or not or the temperature is normal or not, Alarm Alert is integrated into the Fridge compartment and Freezer compartment to warn about the opening and closing of the doors and abnormal temperature.

		Temperature display	Sound	LED
Time of opening the Fridge compartment door	After 1 minute	Display U10	Alarm 1 time	Flash 1 time
	After 3 minutes	Display U10	Alarm 2 times	Flash 2 times
	After 5 minutes	Display U10	Alarm continuously	Flash continuously
Time of opening the Freezer compartment door	After 1 minute	Display U10 *	Alarm 1 time	—
	After 3 minutes	Display U10 *	Alarm 2 times	—
	After 5 minutes	Display U10 *	Alarm continuously	—
Abnormal temperature	Fridge compartment temperature is higher than 8°C	Flash	No sound	—
	Fridge compartment temperature is higher than -12° C	Flash	No sound	—

After closing the Fridge compartment doors and Freezer compartment door, the opening alarm sound can be canceled.

*After the Fridge compartment door is opened and no button is pressed for 30 seconds, the Operation Panel will display U10.

Fridge compartment



The temperature setting range of the Fridge compartment is 1 °C ~ 7 °C. If the Fridge compartment temperature is set at 2 °C or 1 °C, food may be frozen if stored for a long time.

Prime Fresh case

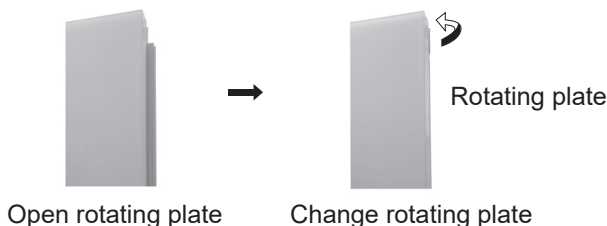
Function setting is convenient without the temperature adjustment, the Prime Fresh -3 °C can be set.

After selecting the Prime Fresh -3 °C, the surface of foods is slightly frozen, which does not require defrosting. This function is suitable for preserving the fresh food such as fish or meat.

After canceling the Prime Fresh -3 °C, the temperature inside the Prime Fresh case will be back to the temperature of Fridge compartment.

Rotating plate

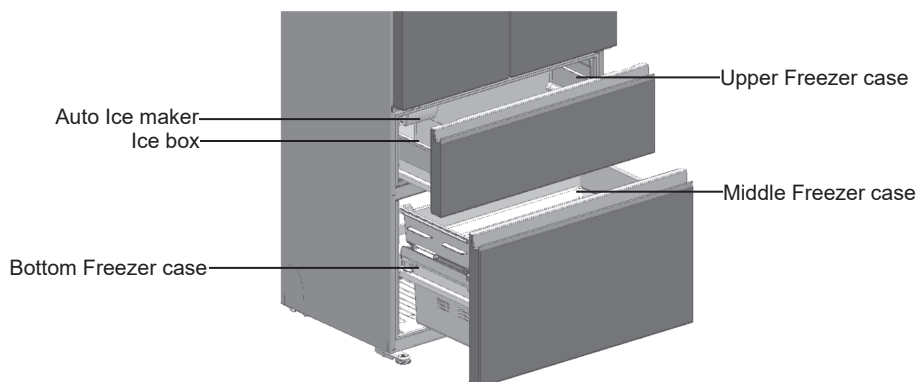
The door cannot be closed properly when the rotating shelf is opened and it must be changed to close the door.



Remark

- Push the Prime Fresh case back to its original position after use.
- Foods with strong odors must be stored in sealed containers or wrapped by types of food films.

Freezer compartment



The temperature setting range of the Freezer compartment is $-17^{\circ}\text{C} \sim -25^{\circ}\text{C}$. The Upper Freezer compartment is used to store small frozen packages of food. The Middle and Bottom Freezer compartments are used to store large frozen packages of food.

Do not place foods that exceed a certain height, otherwise the case will not close tightly or be damaged.

Remark

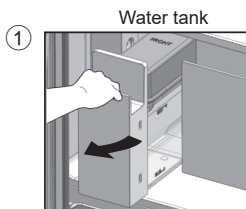
- Do not use strong force to open or close the cases, otherwise the food may spill out.

Auto Ice

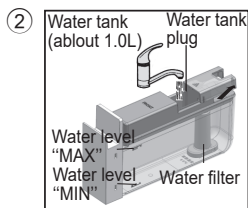
Time and capacity of the Auto Ice maker

- It takes about 2 hours to finish making ice cubes.
- The ice making capacity may vary depending on the usage status of the refrigerator and the ambient temperature.
- The ice making time will be longer in the following cases.
 - ① When the refrigerator is used for the first time, it should wait until the inside temperature of the refrigerator is completely low enough before filling water and making ice cubes; it may take about 4 to 5 hours (it may take more than 24 hours in summer) to make ice cubes.
 - ② When the door is opened and closed frequently or a large amount of food is stored at the same time.
 - ③ When the ambient temperature drops in winter or during a power outage while making ice.

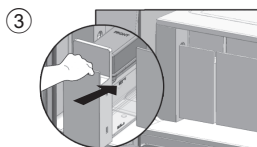
How to make ice



- ① Pull out the Water tank and take it out.
(To avoid the tank from falling out, the Water tank needs to be fixed firmly.)



- ② Open the plug and pour water in the direction of the arrow.
Pour water to the "MAX" level.
(If exceeding the "MAX" level, the water may overflow around the lid.)



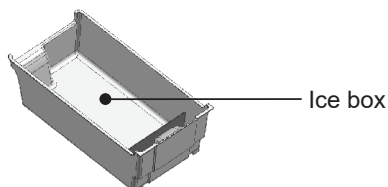
- ③ Push the Water tank back to fix it.
(If the Water tank is not pushed firmly and carefully, it cannot feed the water, and ice cubes will not be made.)
- ④ If the water in the Water tank is lower than the "MIN" level, pour more water.
- ⑤ Only fill drinking water into the Water tank.

Remark

- When taking out the Water tank, please hold the main body. If you only hold the lid, the main body will fall out.
- When the ice cubes reach a certain level in the Ice box, the Auto Ice process will stop. (When the amount of ice decreases, the ice making system will automatically resume.)

Ice storage

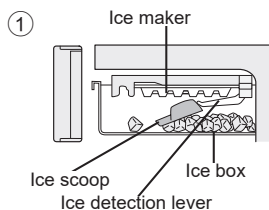
- The pump will supply water from the Water tank into the Auto Ice maker, and the ice cubes will fall from the Auto Ice maker to the Ice box through the forward and backward Ice box rotation of the ice removal device.



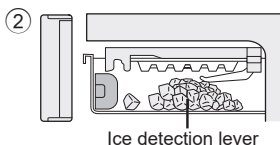
Freezer compartment

Ice cube storage

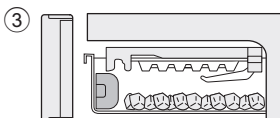
- The pump will supply water from the Water tank into the Auto Ice maker, and the ice cubes will fall from the Auto Ice maker to the Ice box through the forward and backward Ice box rotation of the ice removal device.
- The Ice detection lever will automatically detect the amount of ice made. When reaching a certain amount, it will automatically stop making ice.



- ① If the Ice scoop is placed in the middle of the Ice box, it will touch the Ice detection lever and the ice making process will stop.



- ② If ice cubes accumulate, they will touch the Ice detection lever, and the ice making process will stop.



- ③ To accurately detect the amount of ice cubes, it is necessary to spread the ice cubes flat and place the Ice scoop horizontally in the corresponding position.

Remark

Do not use the Ice box to make ice cubes. The Ice box may break.

How to stop making ice cubes

You can ON/OFF the Auto Ice if you need.

• When the ice making process is stopped temporarily

- ① If the Auto Ice is set (the Auto Ice icon will light up), press and hold the unlock button for more than 3 seconds. After the Operation Panel is unlocked, press the function selection button, the Auto Ice icon will flash, and press the set selection button, the Auto Ice icon will turn off and the Auto Ice will be canceled.
- ② It is not necessary to pour water into the Water tank. The water poured into the Auto Ice maker will still be used to make ice cubes and ice cubes will be released after about 2 hours. When the Ice box is full, ice cubes will not be released.
- ③ If you need to restore the Auto Ice, after unlocking the Operation Panel, press the function selection button and select the Auto Ice again. Press the set selection button, and the Auto Ice is set.

How to stop making ice cubes

• When stopping making ice cubes for a long time

- ① Drain the Water tank and take out the ice cubes.
- ② Clean the Water tank, Water filter, Ice scoop, and Ice box, dry them, and put them back to their original positions.
- ③ When making ice again, fill the Water tank with clean water and put it back in its original position.

• When moving or transporting the refrigerator

- ① Drain the Water tank and take out the ice cubes.
- ② Clean the Water tank, Water filter, Ice scoop, and Ice box, dry them, and put them back to their original positions.
- ③ When making ice again, fill the Water tank with clean water and put it back in its original position.

Remark

After the Auto Ice is turned off, if the Auto Ice Clean is set, the Auto Ice will be set automatically.

Auto Ice Clean

- When using the refrigerator for the first time or when not using it for a long time, it is necessary to clean the Auto Ice maker first because odors or dust may cause contamination. After selecting the Auto Ice Clean, water will be automatically pumped into the Auto Ice maker and the water supply pipeline will supply water 3 times (about 2 minutes) to flush.
- When selecting the Auto Ice Clean, make sure that water is sufficient in the Water tank.
 - ① Open the Freezer compartment doors, pull out the Upper Freezer case, take out the ice cubes from the Ice box (when ice cubes are already filled), then push the case back to its original position and close the Freezer compartment doors.
 - ② Pour sufficient water into the Water tank.
 - ③ Select the Auto Ice Clean.
 - At the same time, the sound will be produced intermittently and the ice making process will start.
 - During the cleaning process, the sound cannot be canceled.
 - When the sound ends, the Auto Ice Clean icon will turn off, the cleaning process will end and the ice making process will start automatically.
 - ④ Open the Freezer compartment door, pull out the Upper Freezer case, pour the water out of the Ice box, and dry the Ice scoop.

Remark

Do not pull out the Upper Freezer compartment after selecting the Auto Ice Clean. Otherwise, the water for cleaning will flow into the Freezer compartment.

How to disassemble components

Fridge compartment

Glass tray



Gently lift the back of the glass tray and pull from back to front.

Door shelf, Bottle shelf



Push gently upwards, then remove.

Prime Fresh case

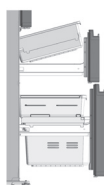


Pull the Prime Fresh case forward and lift slightly, then pull from back to front.

Freezer compartment



Fully open the door of the Freezer compartment



Pull the Top Freezer case in an inclined direction



Pull the Middle Freezer case in an inclined direction



Pull the Bottom Freezer case in an inclined direction

Remark

Before removing any parts, make sure cases do not contain any food. It should remove all food to avoid accidents, if any.

How to defrost and maintain the refrigerator

Defrosting

- This refrigerator defrosts automatically, eliminating the need for manual defrost. The frost on the evaporator will automatically melt and flow to the evaporator to evaporate.

During maintenance

● Outside the refrigerator

Firstly, clean with a soft cloth soaked with warm water or mild dish washing liquid, then wipe with a dry and clean soft cloth.

● Door gasket

Door gasket easily cling to dirt such as soup and juice, which can damage it and cause cold air leakage. To prevent this, wipe it frequently with a wet soft cloth, and again with a dry cloth.

● Inside the refrigerator

Parts such as glass tray, door shelf, case, bottle shelf etc., that are susceptible to dirt must be cleaned timely.

● Do not use the following items to clean the refrigerator.

Weak alkaline or alkaline detergent, detergent powder, washing powder, abrasive paste, kerosene, boiling water, acid, organic solvent, toothpaste, straw broom, etc. that easily damage the refrigerator.

● Clean all the grease on surfaces

Grease can cause cracks in plastic components.

After maintenance

Please check:

- Is the power cord damaged?
- Is the plug hot or not?
- Have you plugged in the correct plug?

When the refrigerator stops operating

- Under normal conditions, use the refrigerator frequently to avoid effects on the shelf life of the refrigerator.
- If the refrigerator is not used for a long time, it is required to clean it according to the above maintenance methods, then open the refrigerator door for 2 to 3 days to dry the inside and avoid odors and mold.

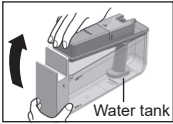
Remark

- The time for using the frozen foods will be shortened due to the increase in temperature inside the Freezer compartment during the maintenance or cleaning process.
- If you have any questions, please contact Panasonic service center.

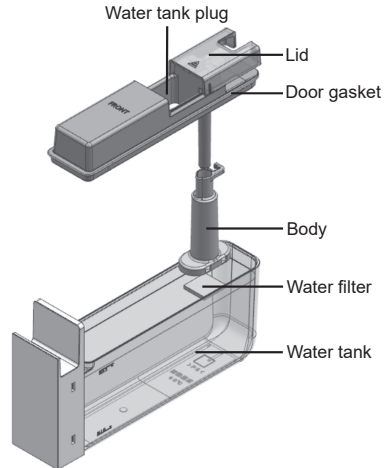
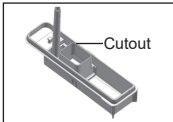
Auto Ice maker maintainance

Washable Water tank (in the Fridge compartment), clean once a week to keep ice cubes clean.

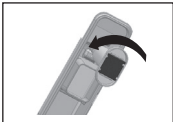
Lid, Gasket, and Water tank



- ① Use your fingers to pull out the raised part of the lid and open it.
- ② Remove the gasket from the cutout of the lid and wash with a soft sponge.
- ③ Reinstall the gasket.
- ④ Use a soft sponge to wash the Water tank.



Water filter



- ① Turn the Water tank in the direction of the arrow and take it out.
- ② Soak the Water filter in clean water and clean gently.
- ③ Reinstall the Water tank to its original position.



Replacing the Water filter

- If the Water filter is not working well, replace it.
(The recommended replacement period is about 3 years.)
- To order a new Water filter, please contact the Panasonic service center.

Use Instructions

Please note that the following cases are normal:

- The sound of ice falling and the operating sound of the water pump.
- When ice cubes fall into the Ice tray, it may be broken slightly.
- Even when the Water tank is empty (not used), the water pump may generate low noise, but this is normal. When the Ice maker stops, the water pump will also stop.
- When the ambient temperature drops below 0°C, the water in the Water tank may be frozen.

Remark

- Do not fill any type of liquids other than water into the Water tank.
(Juice and soup may cause malfunction and deformation.)
- Do not pour water into the Ice box to make ice cubes because it may cause the Ice box to be broken.
- The Water filter is fragile, do not use sharp objects to clean the Water filter. If the Water filter is broken, do not keep using it.
- When maintaining and cleaning the Water filter, do not use volatile substances or bleach to avoid causing bad odors of ice cubes.
- When installing the Water tank, the word "FRONT" on the lid should be placed in front before installation.
- When maintaining the Water tank, do not use hot water (or it will be deformed).

Question and Answer

After checking all the following items and the refrigerator is still not working properly, unplug it and promptly contact the Panasonic service center.

The refrigerator generates noise.

- It is a normal sound when the refrigerant flows in the pipeline.
- When running at a high speed, the radiator fan may cause noise, and this is a normal phenomenon.

Compressor causes high noise level.

- After selecting the Quick Freezing, the compressor will operate at high speed, this makes the operating sound of the compressor louder than normal operation.
- When a lot of food is put into the refrigerator at the same time or the ambient temperature is high, the rotation speed of the compressor will increase and its operating sound will be louder than normal. This is a normal phenomenon.

The sound is too loud. There is a strange sound.

- Ensure that the installation ground is flat and firm.
- Ensure a suitable space behind the refrigerator.
- Ensure there are no other objects on the top of the refrigerator.
- The sound when the refrigerator starts or stops is usually louder and this is normal.
- There may be noise when the refrigerator is installed on the floor.

Compressor operates for a long time.

- Quick Freezing is selected or not?
- When using the refrigerator for the first time, the refrigerator will run for a long time.
- In summer, the ambient temperature is high and the operating time is long. This is a normal phenomenon.
- Frequently opening and closing the refrigerator door.
- The refrigerator door is not closed tightly.
- A large amount of food is put into the refrigerator and they need to be cooled down or frozen.

The Fridge compartment is not cool.

- In the winter or change of seasons, the ambient temperature will drop significantly and the temperature difference is not high. Sometimes, the Fridge compartment is not felt cool. This phenomenon is normal and is not a problem.

There is dew condensation outside the refrigerator.

- 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.

There is dew condensation inside the refrigerator.

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

The back and sides of the refrigerator are warm and hot.

- The refrigerator is equipped with the dew prevention and heat radiation tubes, the back and sides of the refrigerator get warmer when operating. This is a normal phenomenon.

Food in the Fridge compartment becomes frozen.

- Is temperature of Fridge compartment set too low?
- Is the food placed near cold air holes?


It is difficult to open the doors.

- The air pressure will change after opening and closing the door, and after a while, it will be easy to open the door.

Auto Ice maker does not make ice cubes or little ice cubes.

- Ensure that the Water tank is installed properly and filled with full water.
- Ensure that the water level in the Water tank is lower than the specified water level.
- Ensure that the Ice scoop is placed in the middle of the Ice box.
- Ensure that the Auto Ice is activated.
- Ensure that the door is not opened and closed frequently or not put a high quantity of food in the refrigerator at the same time.

The letter
“H” and
“Number” are
displayed at
the same
time.
For example:
H 01



The refrigerator is in abnormal condition:

- The refrigerator can be restored to normal operation condition by implementing the following steps
 - ① Unplug the power cord. (Wait 10 minutes then plug it back in.)
 - ② After the abnormal display disappears, the refrigerator can be used as normal.
- If the refrigerator still does not operate normally after performing all the above operations, please contact the Panasonic service center.

List of accessories

<div> <div>Quantity</div> <div>Model</div> </div> <div>Name</div>	NR-Y561HB-SG
Refrigerator	1
Glass tray	3
Door shelf	4
Prime Fresh case	1
Bottle shelf	2
Egg shelf	1
Vegetable case	1
Water tank	1
Ice box	1
Ice scoop	1
Upper Freezer case	1
Middle Freezer case	1
Bottom Freezer case	1
Instruction Manual	1
Warranty card	1

Specifications

Name of product		Refrigerator (Frost-Free Freezer)
Model		NR-Y561HB-SG
Capacity (IEC 62552:2015+A1:2020)	Total	515 L
	Fridge compartment	315 L
	Freezer compartment	200 L
Rated voltage		220 V~
Rated frequency		50 Hz
Rated current		0.9 A
Refrigerant name and charge amount		R600a, 90 g
Foaming agent		Cyclopentane
Weight		100 kg
Dimensions (W x D x H)		822×600×1890(mm)

Note: The contents of this Operating Instructions may be changed without prior notice.

Copyright

■ About software

Product number: NR-Y561HB-SG
This product consists of the following types of software.

- (1) Software developed by or for Panasonic Corporation (Panasonic)
- (2) Software owned by a third party and licensed to Panasonic
- (3) Conditionally licensed open source software

The software classified in (3) above is distributed with the expectation that it will be useful on its own, but we do not warrant any implied guarantee of “commerciality” or “fitness for a specific purpose”. No warranty is given, including.

FreeRTOS License

The FreeRTOS kernel is released under the MIT open source license, the text of which is provided below.

This license covers the FreeRTOS kernel source files, which are located in the /FreeRTOS/Source directory of the official FreeRTOS kernel download. It also covers most of the source files in the demo application projects, which are located in the /FreeRTOS/Demo directory of the official FreeRTOS download. The demo projects may also include third party software that is not part of FreeRTOS and is licensed separately to FreeRTOS. Examples of third party software includes header files provided by chip or tools vendors, linker scripts, peripheral drivers, etc. All the software in subdirectories of the /FreeRTOS directory is either open source or distributed with permission, and is free for use. For the avoidance of doubt, refer to the comments at the top of each source file.

License text:

Copyright (c) 2017 Amazon.com, Inc. or its affiliates. All Rights Reserved.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the “Software”), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:
The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED “AS IS”, WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

STM32G0 HAL License

Note: This license has also called the “New BSD License” or “Modified BSD License”. See also the 2-clause BSD License.

Copyright <YEAR><COPYRIGHT HOLDER>

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. Neither the name of the copyright holder nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

CMSIS(5.1.0) License

Apache License
Version 2.0, January 2004
<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity. "You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

“Derivative Works” shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

“Contribution” shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, “submitted” means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as “Not a Contribution”.

“Contributor” shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License.

Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License.

Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution.

You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

- (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
- (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
- (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
- (d) If the Work includes a “NOTICE” text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part

of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License.

You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

5. Submission of Contributions.

Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks.

This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty.

Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an “AS IS” BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or

conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability.

In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability.

While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

© Panasonic Home Appliances Refrigerator (Wuxi) Co., Ltd. 2025
All Rights Reserved.

Issued: January 2025
Printed in China
W0125-0
ARAK0Axxxxxx