

# Instruction Manual

## Refrigerator

No frost

### Model

R-SG32KPH

R-SG32KPHL



Thank you very much for purchasing the Hitachi refrigerator. Before installation and usage, please read the user's guide carefully for the correct usage.

Maintenance work must only be carried out at works by well-trained maintenance work.

# HITACHI

Inspire the Next

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For household use only

**R600a**  
**Refrigerant**

# Warning and Caution for Safety

To avoid harm to the user, other persons or damage to property, please read and follow the warnings and cautions below and those given throughout this manual.

The following warnings and cautions are categorized by the level of possible harm or damage that may occur from ignoring directions.

This symbols are shown as below clearly showing the significance of directions.

## ! WARNING

This pictograph indicates "There is high possibility of serious injury or death, if ignored".

## ! CAUTION

This pictograph indicates "There is a high possibility of injury or damage to property if ignored".

- This refrigerator use flammable refrigerants. The symbol column below states the precautions on flammable refrigerators.

### The symbols below are examples.



This symbol is an alert mark.



This symbol indicates "prohibited".



This symbol indicates "necessary".



R600a

This symbol denotes the precautions on flammable refrigerators.

## ! WARNING

### When you install... To avoid fire, electric shock, and injury.



- Do not install the refrigerator in a place where it may come in contact with water.
- Do not install the refrigerator in a place exposed to rain.
- This may impair electricity insulation and cause electric shock or fire.

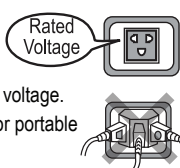


- Ground this refrigerator to prevent electric shock and noise interference. Always ground this refrigerator and install earth leakage circuit breaker when using it in places with high humidity or moisture. (Please consult with a retailer or HITACHI service center.)

### Power Cord and Power Plug ... To avoid fire, electric shock.



- Do not connect the refrigerator plug to any wall outlet whose power capacity is less than the refrigerator's. Also, do not use power sources that are not a rated voltage.
- Do not locate multiple portable socket-outlets or portable power supplies at the rear of the appliance.



- Connect the power plug firmly to a power outlet with the cord running down.



- Do not use a damaged or loose power plug or power outlet. This may cause fire or electric shock.



- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.



- Do not cut, bend, fold the power cord to avoid fire and electric shock.



- Clean the dust on the power plug frequently with dry cloth.
  - Unplug the power plug and wipe it with dry cloth.
  - An insulation failure due to moisture or when dust collects on the power plug may cause fire.



- Do not insert or remove the power plug with wet hands.



- Be sure to unplug the power plug before maintaining the refrigerator.
  - Be sure to hold the power plug to unplug.



### During daily use ... To avoid fire, electric shock.



- Do not splash water on or inside the refrigerator.
  - This may impair electricity insulation causing electric shock or fire.
  - This may also cause the gas leakage because of pipe rust.



- Do not disassemble, repair, or modify the refrigerator by yourselves.
  - Please consult with a retailer or Hitachi Service Center if any repair is required.



- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, lack of experience and knowledge, unless they have been given supervision or instructions concerning use of the appliance by a person responsible for their safety.



- Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.



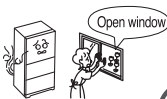
- Do not hang on the doors or step up on the various compartments.
  - Injury may be caused by the refrigerator tipping over or hands getting caught in door.
- Do not enter in the refrigerator.



- Ether, liquid propane gas, solvent, etc. which is volatile cannot be stored in this refrigerator.
  - Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.



- Do not damage the refrigerant circuit.
  - If there the damage of refrigerant pipe happened, stay away from the refrigerator and avoid using fire and electrical appliances.
  - And, open windows to ventilate and contact retailers or Hitachi Service Center.



- Do not put water containers or foreign articles on the top of the refrigerator.
  - Opening and closing doors etc. may cause the articles on the top of the refrigerator to fall down, resulting in injury.



















- Medicines, chemicals, research and experimental substances should not be stored in the refrigerator.
  - Substances that require precise conditions for storage cannot be stored in a domestic refrigerator.



## ⚠ WARNING

### During daily use ...To avoid fire, electric shock. (Continuance)











































-  Do not use electrical appliances inside the food storage compartments of the appliance, unless they are of the type recommended by the manufacturer. 
-  In an event of a flammable gas leak, do not touch the refrigerator and open windows for ventilation.  
-  Sparks from points of electrical contacts such as door switches may ignite explosions causing fire or a burn. 
-  Do not use electrical appliances inside the food storage compartments of the appliance, unless they are of the type recommended by the manufacturer. 
-  In an event of a flammable gas leak, do not touch the refrigerator and open windows for ventilation.  
-  Sparks from points of electrical contacts such as door switches may ignite explosions causing fire or a burn. 
-  If you find something wrong with the refrigerator, immediately unplug and consult with the retailers or Hitachi Service Center. 

### When discarding the refrigerator.















-  Follow the instructions of your region when discarding.
-  This refrigerator uses R-600a for the refrigerant and cyclopentane for the blowing agent of the urethane heat insulation. 
-  When discarding the refrigerator, remove the door gaskets. 
-  To avoid a risk of an infant or child to be entrapped inside. 

## ⚠ CAUTION











### During daily use ...To avoid illness and injury.

-  Do not put bottles, etc. forcibly in the door pockets. 
-  This may cause bottles to drop down or door pockets to come off. 
-  Do not store food which smells or food whose color is changed abnormal. 
-  Such an action may cause diseases. 
-  Food and containers inside the freezer compartment should not be touched with wet hands. 
-  This may cause frost injury. 
-  (Especially in case of metal items.) 
-  Do not hold the top, bottom and side of the doors when closing them. 
-  This may result in your fingers being caught by the door edge. 
-  If someone else is using the refrigerator, do not open the door. 
-  Fingers may get caught in the spaces between the doors and may cause injury. 
-  Do not make an impact on the glass-made doors or shelves. 
-  They are made of tempered glass, however, an excess impact may be result in breakage and is dangerous. 
-  Do not have food items protruding over the front edge of each shelf. 
-  Doors may not be closed properly or the door pockets may drop down. Injury may be caused from items like bottles getting knocked over your feet. 
-  Do not store glass bottles in the freezer compartment. 
-  Bottles may break by the contents freezing and cause injury. 
-  Do not put your hands into the base surface of the refrigerator cabinet. 
-  When cleaning, putting your hands near the base surface of the refrigerator may result in injury by thin metal sheets. 
-  Do not have your feet too close when opening the door of the refrigerator. 
-  When opening the door, your feet may be hit, resulting in injury. 



### When moving or carrying ...To avoid damaging, wetting, soiling the floor, or to avoid injury.

-  Do not use door handles when carrying the refrigerator. 
-  Never use the carrying handles to hang up with a chain hoist or similar machines. 
-  Use the carrying handle when carrying the refrigerator. 
-  Hold the carrying handles only. If hold door handles, hands may slip and may cause injury. 
-  Carry the refrigerator by at least 4 persons for safety reasons. 
-  Carry it with the doors facing upward. 
-  Before carrying the refrigerator: 

  1. Take out all food items and ice cubes.
  2. Lay a protective sheet or cloth to protect the floor from damage and catch remaining water spilled from the refrigerator.
  3. With a large piece of old cloth underneath, tilt the refrigerator backward to drain water.
  4. Finally carry the refrigerator with the doors facing upward.

-  Secure the doors well with adhesive tapes so they do not open. 
-  If transporting in a vehicle, do not load the refrigerator on its side. This could damage the compressor. 
-  On a floor that is easily scratched, do not move the refrigerator with the wheels of refrigerator. 
-  The wheels may scratch the floor. 
-  For a floor that may be easily scratched, lay a protective mat, etc. 

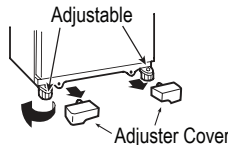
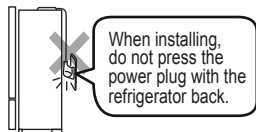
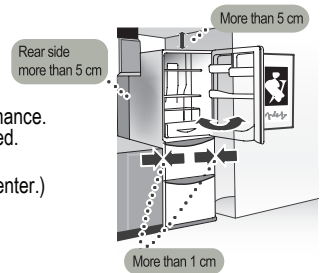
### When replacing lamps (LED) is required.

-  When replacing lamps (LED) is required. Please contact your dealer or Hitachi Service Center. 

# Preparations before Use

## 1 Installation

1. Install on a rigid and level floor.
  2. Please use this refrigerator between the room temperature of 10°C to 43°C. Sufficient performance may not be obtained, if the room temperature is too low or too high.
  3. Do not install where the refrigerator is exposed to direct sunlight or other heat sources.
  4. Install in an atmosphere which is dry or has air ventilation
  5. The refrigerator requires enough air ventilation space around the cabinet to have efficient cooling performance. Space of at least 5 cm over the top, 5 cm at rear and 1 cm at both sides for proper air circulation is needed.
  6. Ground the refrigerator to prevent electric shock and noise interference. Always ground this refrigerator when using it in places with high humidity or moisture. (Please consult with retailers or Hitachi Service Center.)
  7. Adjusting the adjustable legs to keep the left/right refrigerator door level.
    - Without adjusting the legs, door height may not be level, or there may be abnormal vibration or noises depending on floor conditions. Follow the instructions below.
- (1) Turn the adjustable legs until they touch the floor firmly.



**Parallel adjustment of the door.**

— Right door has fallen —      — Left door has fallen —

Adjustable left leg.

Please turn the left leg in the direction of the arrow.

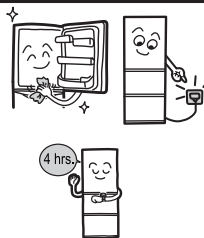
Adjustable right leg.

Please turn the right leg in the direction of the arrow.

- 1 rotation of adjustable leg is about 1 mm in difference.
- 1-5 days might take for the main body of the refrigerator becomes familiar with the floor, and until the door is reconciled in parallel.

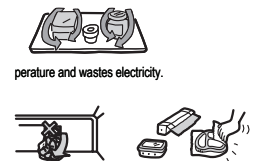
## 2 Beginning

1. Cleaning inside the refrigerator. Wipe the surface gently with soft cloth.
2. Connect the refrigerator to an exclusive wall power outlet. The refrigerator can be connected to an outlet soon after it is installed. Surely use with the rated voltage and exclusive power outlet.
3. The compressor will start running in approximately 30 seconds, if inside is not cold.
4. Allow enough duration for sufficient cooling before storing food. It may take about 4 hours to fully cool down and could even take about 24 hours when the ambient temperature is high.

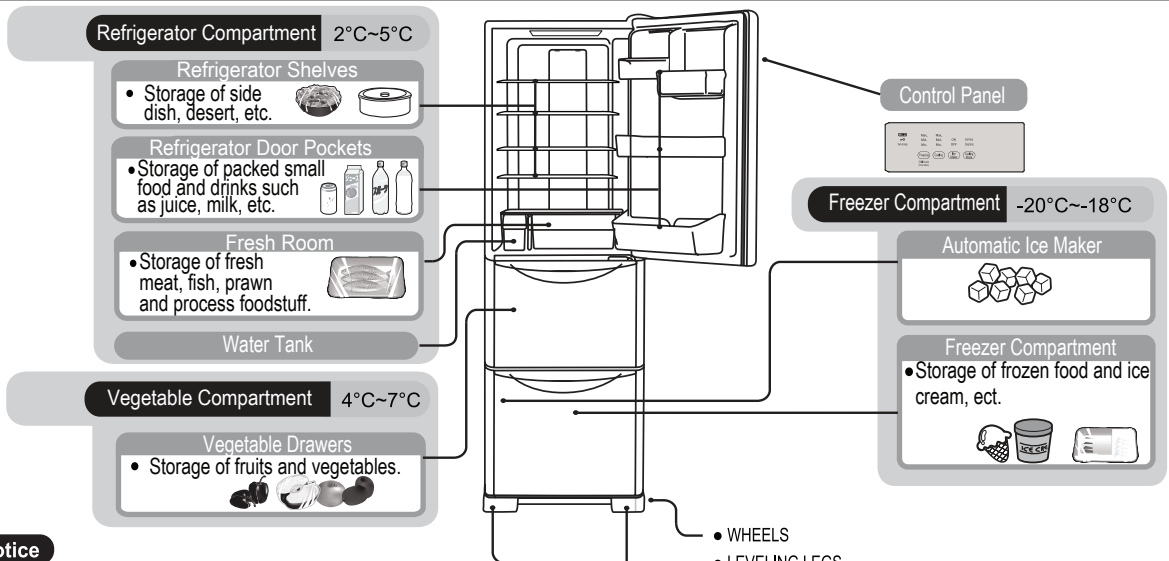


## 3 Food storage

1. Keep enough space between food. Several food placed too close together may obstruct the flow of cold air.
2. Make food cool enough before putting it in the refrigerator. Putting warm food in the refrigerator raises the inside temperature and wastes electricity.
3. Do not block the cold air vent. This will adversely affect the cold air flow and may not keep the temperature inside even. Moreover, it could result in food near the vent freezing.
4. Using food wrap or sealed containers prevent the food from drying or transition of smells.



# Location of Food Storage



### Notice

- Above temperatures are the approximate values in the conditions of outside temperature 32°C, the temperature setting of the refrigerator compartment "Mid", freezer compartment "Mid", doors being closed and without food storage.
- Door pocket temperatures may be little higher than above temperatures.
- The specification of your purchased model may be different from one of the above illustration.



# How to Install and Remove parts

**Adjusting the shelves**

- Pull up the back and pull out the shelf forward.
- Set the refrigerator shelves by combining with stored food.

**Door Pocket / Egg Pocket**

Remove the door pocket as shown

**Fresh Room**

- Remove the "Fresh Room" as shown below. Do not store more than 4.9 kg in the "Fresh Room" or it may be broken.

**Vegetable Compartment**

Pull out the vegetable compartment door, and lift up slide case and vegetable case as shown.

Do not store more than 4.5 kg in the slide case or it may be broken.

Do not store more than 12 kg in the vegetable case or it may be broken.

\*\*\* If R-door open, can't pull out the Vegetable-case.

**Lower Freezer Case**

Lower Freezer Case is for large-sized food and those that need to be stored over an extended time period.

- Make sure food is stored below in the indication line. Otherwise food touches the slide case above and it prevents the door to be closed properly and cooling efficiency suffers. Food and the slide case may be also damaged.

**Freezer Compartment**

1. Pull out the lower freezer compartment door, and pull up toward you.
2. To remove slide case, lift it up as shown. Do not store more than 8.0 kg in upper freezer case or it may be broken.
3. To remove lower freezer case, lift it up as shown. Do not store more than 10.5 kg in the lower freezer case or it may be broken.

# How to use control panel

The Open Button is a touch panel made of glass. If you touch **[MENU]** button, the current settings will be displayed. The upper portion of the Open Button is the display and the lower portion is for setting. Touch the lower portion of the Open Button to change the settings, if necessary.

**Caution** Please close the door of the refrigerator door before changing the settings.

**Notice**

**Providing information**

**eco** It will turn on while it is working in "eco" mode. → Pg. 7

**LOCK** It will turn on while the Open Button is locked. → Pg. 7

**Tank Empty** It will turn on when water in the water tank is getting low. → Pg. 7

All the indicator lamps are lit for the sake of explanation.

- About the display
  - If you confirm the setting, touch **[MENU]** button or open the refrigerator door. The display will be lit again.
  - If you touch **[MENU]** button again after finishing the operation, it will be unlit. The displayed characters will be unlit 40 seconds later without touching the **[MENU]** button again for energy-saving. However, the setting of "Energy Saving" mode, "Quick Freezing" indicator lamps and "OFF" and "Tank Empty" indicators and ["eco" operation indicator lamp] will not be unlit.
  - When opening the refrigerator door and the displayed characters are lit, they become unlit about 15 seconds after closing it.

**Display area**

eco	Max.	Max.	ON	Quick Freezing
LOCK	Mid.	Mid.	OFF	Energy Saving
Tank Empty	Min.	Min.		

**Setting area**

**MENU** (First touch it.)

- Freezer: Child Lock (Press 5 Sec.)
- Refrigerator: Max., Mid., Min.
- Ice Maker: ON, OFF
- Cooling Mode: Quick Freezing, Energy Saving

**Adjusting temperature settings**

Set temperature for each Normally, use the "Mid" setting. Refrigerator → Pg. 8

Freezer Compartment → Pg. 8

**Setting an ice-maker**

Set the ice making mode

"ON" → Pg. 9

"OFF" → Pg. 9

**Setting a cooling mode**

Set a cooling mode Quick Freezing → Pg. 6

Energy Saving → Pg. 6

- About the Open Button
  - Response of the touch panel may change depending on the surrounding temperature, humidity, physical condition of the user or operation status of the adjoining electric product.
  - Release a finger and touch the panel again if the panel does not respond after touching it. False detection may occur (it may be kept pressed) if the time interval between key touches is too short. Response of the touch panel does not improve even if you touch it strongly.
  - The panel may not respond if it is wet or dirty. Wipe it off with a dry cloth.

# Other Functions

## 1 Quick Freezing

- When you want to freeze food or make ice quickly, use this function.

Start Quick Freezing

Touch "MENU" button

MENU

Touch "Cooling Mode" button to start Quick Freezing operation, light is on.



Stop Quick Freezing

Touch "MENU" button

MENU

Touch "Cooling Mode" 2 times to stop Quick Freezing operation, light is unlit.



After 2 hours (approx.) Quick freezing operation will be finished, light is unlit.

2 Hours (Approx.)

- Notice**
- During "Quick Freezing", priority cooling of the freezer compartment will be done. Thus, try to avoid unnecessary opening and closing of the doors to avoid a temperature rise of the refrigerator compartment.
  - After "Quick Freezing" is automatically finished and if the button is pressed again, the lamp will turn on. However, the next "Quick Freezing" operation will not start. After 60 minutes, the operation will start.
  - During defrost periods, even if "Quick Freezing" lamp is on, no operation will be made. After finishing the defrost operation, "Quick Freezing" will automatically start.

## 2 Energy Saving

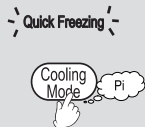
- Recommend to use this function in case of low storage volume, or a long vacation when the doors are not opened for long time.

Start Energy Saving

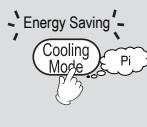
Touch "MENU" button

MENU

Touch "Cooling Mode" button to start Energy saving operation,



"Energy Saving" light is on.



Stop Energy Saving

Touch "MENU" button

MENU

Touch "Cooling Mode" button 1st to stop "Energy Saving" operation, light is unlit.



- Notice**
- In case the compartment temperature rises up, the operation will be back to a normal setting (temporary).
  - After a long time operation of "Energy Saving", in some cases, fatty ice cream, etc. may become soft. Please stop "Energy Saving" operation in this case.

- Caution**
- If "Energy Saving" operation is working in high humidity environment, dew may appear. Please stop "Energy Saving" operation in this case. "Quick Freezing" will automatically start.

## 3 Door Alarm Functions\*

If the door is left open for more than 1 minute, the alarm system will inform the user by the sound and all display is blinking .

- Door Alarm : Informs by Pipipi sound.

Duration of Door Opening	Door Alarm Sound
After 1 minute	Pipipi
After 2 minute	Pipipipipi
After 3 minute	Beeeps continuously

\* Vegetable compartment door has not door alarm functions.

### To Deactivate Alarm and Sound

- Keep touching "Cooling Mode" button for 5 seconds until "Peep" sound is heard.

There is no sound when pressing any button (deactivate door alarm sound).



### To re-activate Alarm and Sound

- Keep touching "Cooling Mode" button for 5 seconds until "PiPi!" sound is heard.

There is sound when pressing any button (activated door alarm sound).







- Notice**
- Upon shipment, the alarm and sound are activated.
  - Unplugging and inserting the power plug or in the event of a power failure the refrigerator will automatically reset the alarm and sound to activated.



# Other Functions (Continued)

## 4 Child Lock

This can prevent erroneous operation of the Open Button or misuse by children.

When this indicator lamp  (Lock of the Open Button) is illuminated, any other portion of the Open Button will not be activated by touching it.

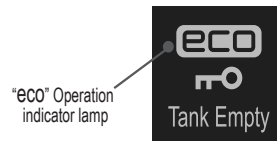
- Touch  button on the Open Button to turn on the indicator lamp. All indicator lamps turn on, and then the current settings are displayed.
- Touch  button 5 seconds or more until the preset sound is heard. Lock of the Open Button is changed to "On" or "Off". It is set to [] "Off" before shipping.

Setting of the Open Button's lock	"On" (locked)	"Off" (unlocked)
"  indicator lamp"	On 	Off
Preset sound	Long beep	PiPi

## 5 "eco" Operation indicator lamp

**Notice** If ["eco" Operation indicator lamp] isn't illuminated, check the following things.

- Immediately after it is installed, or many foods are stored at a time
- If the door is frequently opened / closed
- If the door is not closed completely because any food/bag is wedged between the door and the body of the refrigerator.
- Quick Freezing is set.



## 6 Tank Empty

"Tank Empty" indicator lamp turns on when water in water tank is getting low

Replenish the water tank with water. While the "Tank Empty" indicator lamp is on, the Ice Making function doesn't work even if the "ON" is set.

### Notice

"Tank Empty" indicator lamp turns off once (for up to 3 hours) when the left door of the Refrigerator Compartment is opened and closed while the indicator lamp is on, and it turns on again if no water is added to replenish the water tank  
"Tank Empty" indicator lamp remains off when "OFF" is selected for automatic ice making.

### Caution

"Tank Empty" may come on regardless of water level if the water tank is not placed properly. Push in the water tank straight and completely if the indicator lamp comes on.



# Other Functions (Continued)

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## Adjusting temperature in a refrigerator compartment

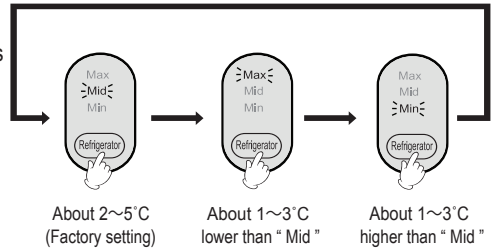
- Touch **MENU** button on the Open Button to turn on the indicator lamp  
All indicator lamps turn on, and then the current settings are displayed.
- Touch **Refrigerator** button to set the temperature as you like.

Each time you touch the button, the corresponding indicator lamp changes in the order shown in the figure on the right.

The temperature is set to "Mid" before shipping.

Select "Mid" in ordinary usage. The temperature may change depending on the operation states.

The above temperatures are standard values in the Refrigerator Compartment under the condition that the refrigerator is stable with no food stored and the door closed, at ambient temperatures of 32°C.



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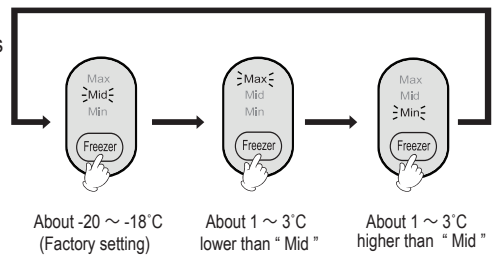
## Adjusting temperature in a freezer compartment

- Touch **MENU** button on the Open Button to turn on the indicator lamp  
All indicator lamps turn on, and then the current settings are displayed.
- Touch **Freezer** button to set the temperature as you like.

Each time you touch the button, the corresponding indicator lamp changes in the order shown in the figure on the right.

The temperature is set to "Mid" before shipping.

Select "Mid" in ordinary usage. The temperature may change depending on the operation states.



### Notice

For the Freezer Compartment ("Max" Lower temperature freezer), food is stored at a lower temperature than the conventional freezer temperature. The energy consumption is approximately 20% higher than that for the conventional freezer operation.

### Notice

If operating the refrigerator for a long time with the Freezer Compartment "Max" selected, ice cream etc. may become hard or it may take a longer time to thaw food.

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## Adjustment of the temperature (Refrigerator compartment/ Freezer Compartment)

### To set the fine adjustment of the temperature

- Open the door of freezer compartment.
- Touch **MENU** button on the Open Button to turn on the indicator lamp  
All indicator lamps turn on, and then the current settings are displayed.
- Touch **Refrigerator** button 5 seconds until 1 "Peep!" sound is heard.
- Close the door of freezer compartment.
- Touch button to make as adjustment.



(>(< Lighting (<(< Blinking )

Indication lamp	Max Mid Min	Max Mid Min	Max Mid Min	Max Mid Min	Max Mid Min	Max Mid Min	Max Mid Min	Max Mid Min	Max Mid Min
Setting	Min	→	→	→	Normal	→	→	→	Max

### Cancel the fine adjustment of the temperature.

- Open the door of freezer compartment.
- Touch **MENU** button on the Open Button to turn on the indicator lamp  
All indicator lamps turn on, and then the current settings are displayed.
- Touch button 5 seconds until 1 "PiPi!" sound is heard.

### Notice

- This function is subjected to change according model type.
- Factory setting, the adjustment temperature by normal step.



8

# How to use Automatic Ice Maker

1



Filling the pure water until the "FULL" level then closed by water supply cover.

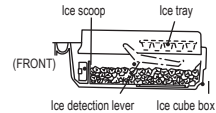
2



Push the tank into the case until it locked at the setting line.

## Notice

- For a first installed, allow 24 hours for the refrigerator to cool down and make ice.
- Ice maker will stop automatically when ice box is full and it will start again automatically when ice cubes in the ice box is reducing or empty.
- It is normal that a noise is generated when ice made or ice dropped into the ice box.

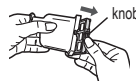
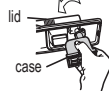


## Caution

- Using the ice maker for the first time :
- Throw away the first full ice box of Ice cubes. Odor or dust may adhere on it.
  - If water tank was dropped, make sure that water is not leaking from the tank.
  - Do not fill other liquid, any beverages such as juice, cola, beer etc, into the water tank. Fill with potable water only.
  - Do not fill hot water into the tank (Tank Heat-resistance temperature : 50 °C).
  - Do not put anything, such as frozen food, ice cream other than ice in the ice box.
  - Do not touch ice lever detector or ice tray with your hands, you may get injured.
  - For ice-maker not intended to be connected to the water supply.

## Water filter

1. Remove the case from the lid by turning it in the direction as shown below.
2. While pressing the knob, remove the water filter from the bottom of the case.
3. Wash the water filter with soft sponge.



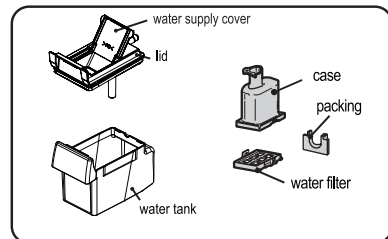
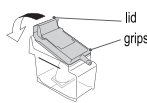
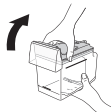
- Do not use kitchen soap or bleaching agent.
- The water filter is deform easily; therefore do not stab it with sharp stick.

## 1 Cleaning the Water Tank

### Notice

- Water Tank should be cleaned every week for reasons of hygiene.
- Using a clean sponge or soft cloth and a neutral detergent in warm water, hand wash, rinse and dry all removable parts and interior surfaces thoroughly.

- As seen in the figure below, press the central front part of the lid to lift it up. (Do not open the lid by nails.)
- To close the lid, make sure that the grips at the back are still holding the lid, then close the lid down in the direction as shown below.

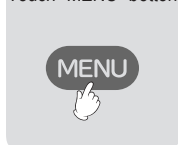


## 2 Turning on/off the Automatic Ice Maker Function

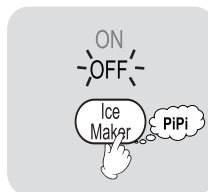
First, check the Automatic Ice Maker is in operation.

1. When in operation.
2. To stop the operation, press the "Ice Maker" button.
3. When restarting operation.

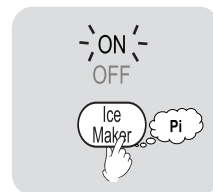
Touch "MENU" button



The "ON" lamp is lighting.



The "OFF" lamp is lighting.



The "ON" lamp is lighting.

- Notice**
- If you do not intend to use the Automatic Ice Maker, turn it off



# Care and Maintenance

## Cleaning (Clean the refrigerator once a month)

1. Unplug the refrigerator.
2. Take out all the food.
3. Wipe the refrigerator clean.
  - Wiping off smudges immediately is highly recommended. It is also recommended to clean the areas of the refrigerator which is not clearly in view once a year.
  - Use soft cloth with lukewarm water to wipe off smudges. If it is difficult to remove smudges, use diluted, ph-balanced washing liquid.
  - Neatly clean the door gasket, because it gets dirty easily.
4. If any droplets remain on the surface of the parts, wipe them.
5. Return all parts to their original locations.
6. Check and clean the power plug, cord and outlet.
7. Plug the power cord into the outlet,

### Caution

- Do not do the following, since parts and paint may be damaged.
1. Do not splash water to the doors and refrigerator body.
    - It may cause electric shock or a fire.
    - It may cause refrigerant leakage because of tube rust.
    - It may result in rusty door surface.
  2. Do not use following : Polishing powder, soap powder, oil, boiling water, brush, acid, benzene, thinner, alcohol and alkaline detergent, etc.
    - It may cause damaged door surface.
    - It may cause cracked plastic parts.
  3. If the cooking oil smears on the refrigerator, please wipe it off immediately. The plastic parts might be cracked.



### Notice

- Even if the power plug is plugged in immediately after being unplugged, the compressor will not run for 10 minutes. However, if the inside is not cold, it will start running in approximately 30 seconds.

# Troubleshooting

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

Problem	Things to check	Instructions	Page
The refrigerator does not get cold at all.	<ul style="list-style-type: none"> <li>• Is the refrigerator plugged in properly?</li> </ul>	<ul style="list-style-type: none"> <li>• Check the fuse box for blown fuse or tripped circuit breaker.</li> </ul>	2
The refrigerator does not get cold enough.	<ul style="list-style-type: none"> <li>• Is the refrigerator placed in the direct sunlight?</li> <li>• Is the temperature set to "Min"?</li> <li>• Is the food stored too much?</li> <li>• Is the door slightly opened?</li> <li>• Is the refrigerator placed near heat sources?</li> <li>• Has anything hot been placed in the refrigerator?</li> <li>• Is the door opened and closed too frequently?</li> </ul>	<ul style="list-style-type: none"> <li>• Do not install the refrigerator in a place where it may come in contact with sunlight.</li> <li>• Touch "Temperature control" button to mid or max.</li> <li>• Keep enough space between food.</li> <li>• Should close the door firmly closed.</li> <li>• Do not install the refrigerator in a place where it may come in contact with heat sources.</li> <li>• Make food cool enough before putting in the refrigerator</li> <li>• Do not open &amp; close the door too frequently.</li> </ul>	4 8 4 - 4 4 -
Food in the refrigerator compartment freezes.	<ul style="list-style-type: none"> <li>• Is the temperature set to "Max"?</li> <li>• Do you place food with moisture or vegetables nearby the cold air vent? It will be frozen if it is placed nearby the cold air vent.</li> </ul>	<ul style="list-style-type: none"> <li>• Touch "Temperature control" button to mid or min.</li> <li>• Keep enough space between food, Do not block the cold air vent.</li> </ul>	8 4
Dew appears Outside	<ul style="list-style-type: none"> <li>• When the ambient humidity is too high, the door gasket may have dew. Please wipe it up with dry cloth.</li> </ul>	<ul style="list-style-type: none"> <li>• See content "Dew or frost is generated" .</li> </ul>	11-12
Dew appears Inside	<p>Please wipe it off with dry cloth and please check the details below.</p> <ul style="list-style-type: none"> <li>• Is the door closed firmly?</li> <li>• Is the door opened and closed too frequently or opened for a long time?</li> <li>• Is it too humid outside?</li> </ul>	<ul style="list-style-type: none"> <li>• See content "Dew or frost is generated" .</li> </ul>	11-12
The inside is smelling.	<ul style="list-style-type: none"> <li>• Do you store food with odor without warpping it?</li> </ul>	<ul style="list-style-type: none"> <li>• Using food wrap or sealed containers.</li> </ul>	4
The refrigerator is noisy	<ul style="list-style-type: none"> <li>• Make sure the refrigerator is installed firmly.</li> <li>• Is the refrigerator touching the wall?</li> </ul>	<ul style="list-style-type: none"> <li>• Should be install the refrigerator by following the preparing instruction manual.</li> </ul>	4

The Control Panel does not respond:

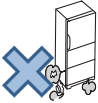
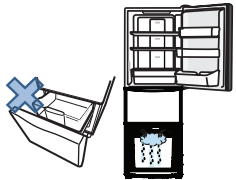

Problem	Things to check	Instructions	Page
The Control Panel does not respond:	<ul style="list-style-type: none"> <li>• Is "Child Lock" function activated?</li> <li>• Is Refrigerator the compartment Door open? Operate after closing it.</li> <li>• Is there water or dirt on the Control Panel?</li> <li>• Are you wearing gloves or applying a plaster? Touch directly with your finger.</li> <li>• Are you touching a next button? Touch only one button at a time.</li> </ul>	<ul style="list-style-type: none"> <li>• See content "How to use the control panel"</li> </ul>	5-8
The Control Panel is unlit.	<ul style="list-style-type: none"> <li>• Approximately 30 seconds after the end of operation, Indicator LEDs become unlit.</li> </ul>	<ul style="list-style-type: none"> <li>• See content "How to use the control panel"</li> </ul>	5-8

# Troubleshooting (Continuation)

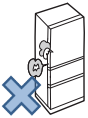
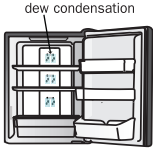

This is not a malfunction of the refrigerator:

Problem	Things to check	Instructions	Page
The surface of the refrigerator is hot.	-	<ul style="list-style-type: none"> <li>The refrigerator is equipped with the dew prevention and heat radiation tubes. The back and side plates may be heated especially when starting up or if the door is frequently opened and closed.</li> </ul>	-
If a door is shut, other doors may open.	-	<ul style="list-style-type: none"> <li>The two compartments are connected with an air duct. When closing one of the doors, the other door may be opened by the air pressure through the duct. This is a normal phenomenon.</li> </ul>	-
Does the refrigerator make any abnormal noises (sound)?	-	<ul style="list-style-type: none"> <li>The sound like water flowing and boiling water is the sound of the cooling liquid (refrigerant).</li> <li>A creaking sound comes from the storage compartment. It is the sound caused by friction of the parts due to temperature change.</li> </ul>	-
There are waving and / or distortions on the door surface, the side and the top surface of the refrigerator.	-	<ul style="list-style-type: none"> <li>Slight waving and/or distortions are generated in the manufacturing process of the refrigerator. They may be conspicuous according to the position of the light source and/or the brightness etc., but there is no problem with the performance.</li> </ul>	-
Annoying sound is generated by the refrigerator.	-	<ul style="list-style-type: none"> <li>You may feel that the operation sound is loud 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 frequently, the surrounding temperature is high. The sound becomes more quiet after cooling fully. The compressor operates at low speed at night, or during long vacations or absence.</li> </ul>	-
Operation sound lasts long.	-	<ul style="list-style-type: none"> <li>It is because the compressor operates in low-speed for conserving energy</li> </ul>	-
Operation sound sometimes becomes louder.	-	<ul style="list-style-type: none"> <li>It is because the system changes the operating power of the refrigerator according to the temperature change.</li> </ul>	-

## Dew or Frost is generated

General operation	Please check here	Possible causes and / or Recommended solutions
Frost or ice is generated in the freezer compartment	The door of the freezer compartment was not left open temporarily?	<p>Check that the wrapping paper of the food is not getting caught in order not to make gap between door and door gasket when you close the door.</p> 
	The door of the freezer compartment was not opened frequently or longer time than necessary?	<p>When the door is opened frequently or if the door is opened when the humidity around the refrigerator is high, moisture in the air may be turned into some frost or ice on the inner wall or component of the freezer compartment, or around the air channels. This is not a failure. Please try not to open the door too many times or for a long time. Also, please wipe frost or ice generated in the freezer compartment off with use of a dry cloth.</p> 
	Making extra ice by using an additional ice-tray which was not originally installed in the refrigerator?	<p>When the many containers in which water or liquid is stored are put in the same time, water or liquid may be evaporated and turned into frost or ice on the wall or component of the freezer compartment, or around the air channels. You can suppress these frost and ice by putting lid to avoid evaporation. Please wipe frost and ice off with use of a dry cloth.</p> 

# Dew or Frost is generated(Continuation)

General operation	Please check here	Possible causes and / or Recommended solutions
Dew is generated in the refrigerator compartment	The door of the refrigerator compartment was not left open temporarily?	Please check not to pinch the food or plastic bag between the door and door frame when you close the door. 
	The door of the refrigerator compartment was not opened frequently or longer time than necessary?	When the door is opened frequently or if the door is opened when the humidity around the refrigerator is high, moisture in the air may be turned into some dew on the inner wall or component of the refrigerator compartment, or around the chilled air blow-off port. This is not failure. Please try not to open the door too many times or for long time. Also, please wipe off the dew in the refrigerator compartment with adry cloth. 
	Storing many vegetables containing much water?	The humidity of the vegetable compartment is higher than other compartments. Accordingly, depending on the amount or type of the vegetable, dew condensation may be generated on the plastic case of vegetable compartment. However, this is not a failure. When you do not want to have this kind of dew, please warp your vegetables in a plastic flim. Also, when the dew condensation happens many times, water may be accumulated in the vegetable compartment. Please wipe the water off with a dry cloth.
Dew is generated on outer surface of the refrigerator	The volume of humidity around the refrigerator is not high?	When the humidity rises such as in rainy day, some dew many be generated on the outer surface of the refrigerator. Please wipe the dew off with a dry cloth. 
	The temperature setting is not set as "Coldest"?	When the temperature setting is set as "Coldest", some dew may be generated on the outer surface of the refrigerator. Please set the setting as "Normal". Also, please wipe dew off with use of a dry cloth.

## Why frost and dew are generated?

When warm and humid air contacts something cold, dew is generated. For example, if you put some ice in the glass in your room, air around the glass will be cold down and some dew may be generated on the outer surface of the glass.

In the same way, when warm and humid air enters into the refrigerator at the door opening, the warm and humid air contacts cold inner wall and little dew may be generated.

Accordingly, if the door opening is too frequent or too long, dew will be accumulated at every door opening. In some cases, dew may be frozen to generate some frost or ice flakes in the freezer compartment.



# Service Center

- Before you request repair, please check the refrigerator well according to page number 10-11. If it is still abnormal, please contact the retailer of purchase or the following service center.

Service Center	TEL No.
<ul style="list-style-type: none"><li>• <a href="https://www.hitachi-hk.com.hk/tc/contact_contact/index.html">https://www.hitachi-hk.com.hk/tc/contact_contact/index.html</a></li></ul>	<ul style="list-style-type: none"><li>• (852) 2753 5386</li></ul>

- Telephone number is subject to change without notice.

## About Non-fluorocarbon refrigerator

- This refrigerator, including refrigerant and the heat insulator, is using hydrocarbon (non-fluorocarbon). The hydrocarbon is a material that does not rip up the ozone and have very little influence on global warming. It is the global environment concern material).
- R600a refrigerant is flammable. But the refrigerant is sealed up by the refrigerant circuit, and never leaks by usual use. In case of the refrigerant circuit being damaged by any chance, please avoid using fire or electric product, open the window and ventilate. Afterwards, please contact Hitachi Service Center.

## Sever warning signs for Disposal

Cyclopentane is used as in the insulation. The gases in insulation material require a special disposal procedure. Please contact your local authorities in regard to the environmentally safe disposal of this product.



This symbol mark means that used electrical and electronic products shall not be mixed with general household waste. Do not try to dismantle the system and unit by yourself as this could have harmful effects on your health and the environment. Refrigerators must be treated at a specialized treatment facility for recycling and recovery and shall not be disposed of in the municipal waste stream. Please contact the installer, dealer or local authority for more information.



## WARNING

- Children should be supervised to ensure that they do not play with the appliance or get in.
  - Children getting inside may not be able to get out.
- This appliance can be used by children aged 8 year sand above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.
- Children shall not play with the appliance.
- Cleaning and user maintenance shall not be made by children without supervision.





# 使用說明書

日立雪櫃

無霜

型號

R-SG32KPH

R-SG32KPHL



# HITACHI

Inspire the Next

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只作家居用途

感謝閣下購買日立產品，使用雪櫃前，請小心閱讀使用說明書以確保正確使用本產品。

此冰箱必須由受過訓練的技師在工場進行維修。

R600a

Refrigerant

# 安全警告和注意事項

為要避免用戶和其它人受傷以及財物損毀，請跟從以下警告和小心指示（另外，請在每一頁都閱讀這些提示）。


下列的警告和注意事項，是根據用戶忽略指示而導致可能會發生的損傷和損毀程度來作出分類。

以下圖示清楚顯示遵守該指示的重要性。

	<b>警告</b>	這個圖標顯示「如忽略便會有很大機會出現嚴重受傷或死亡的危險」。
	<b>注意</b>	此圖標顯示：「如忽略便會有很大機會造成財產的嚴重損毀或破壞」。

下列圖示是一些例子。	
	此圖示是「警告」符號
	此圖示是「禁止」的意思
	此圖示是「須要」的意思

■ 本雪櫃使用易燃冷凍劑，下列的符號列明了使用易燃冷凍劑時的注意事項。



## 這個符號代表使用易燃冷凍劑時的注意事項。

## 警告

當閣下進行安裝時……避免火警、觸電和受傷的危險。

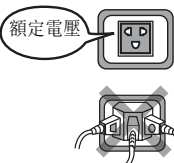
- 切勿將雪櫃安裝在容易接觸到水的地方。
- 切勿將雪櫃安裝在暴露於雨水的地方。
- 這可能會損壞電器的絕緣功能和造成觸電或火警等危險。



- 請將本產品接地以避免觸電或受噪音滋擾，當在高溫度或多水氣的地方使用本產品時，便需要為雪櫃連接地線。（請諮詢零售商或日立服務中心）

電源線和電源插頭……避免火警、觸電的危險。

- 切勿將雪櫃連接到電力負荷低於雪櫃要求的牆身插座上。另外，切勿使用非額定電壓的電源。
- 若雪櫃的電源是用萬能插蘇或拖板與其他電器共用，超負荷可引致過熱。

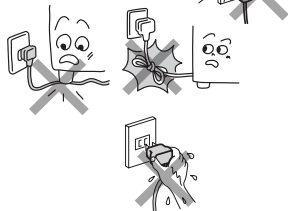


- 將插頭穩固插入電源插座，並將電線向下垂。
- 若將插入插座的電源插頭的電源線向上會對其產生壓力，這會造成短路或過熱現象，
- 插頭不完全插入電源插座，可能會有觸電或因過熱而造成火警危險。



- 切勿使用損毀或鬆脫的電源插頭或電源插座，這會導致火災或觸電危險。

- 切勿剪斷、彎曲、摺疊電源線以避免火災和觸電危險。



- 如果電源軟線損壞，為了避免危險，必須由製造商、其維修部或專業人員更換。

- 請定期用乾布清除插頭的灰塵。
- 拔去插頭後用乾布清潔。
- 由於濕氣會破壞絕緣功能或當塵埃在插頭上積聚時，可能會造成火災危險。



- 在放置設備時，確保電源線沒有被卡住或損壞。

- 手濕時切勿插入或拔掉插頭。

- 清潔雪櫃前，請拔出電源插頭。
- 請緊握電源插頭，將插頭拔出。



平日使用時……避免火災、觸電等危險。

- 切勿在雪櫃門和雪櫃機身上澆水。
- 這可損壞電力絕緣體，引致觸電或火災。
- 這也可能會令管子生銹而引致氣體洩漏。



- 切勿自行拆解、修理或修改本產品。
- 如需要維修請與零售商或日立服務中心諮詢。



- 兒童、殘疾人士、智障人士在沒有監管和指導的情況下請勿使用本產品。

- 除了製造商推薦的方式外，不得使用機械設備或其他方式加速除霜過程。



- 切勿懸掛在櫃門上或踐踏不同的格室。
- 雪櫃可能翻倒或手被櫃門夾住而造成傷害。



- 切勿將醚、液化丙烷氣體，溶劑等揮發性液體存入雪櫃內。
- 切勿儲存爆炸性物質，如含有易燃推進劑的氣霧罐存放於本器具。



- 不要進入冰箱。

- 切勿在雪櫃頂部放置裝水容器或其他雜物。
- 開關櫃門或會令物件從雪櫃頂部掉下，並導致受傷。



- 不得損壞製冷回路。
- 如意外損毀冷卻管路，請遠離本產品並避免生火和使用其他電器產品。
- 然後打開窗戶，並聯絡零售商或日立服務中心。



- 切勿在雪櫃內儲存藥物、化學物品、研究實驗物品。
- 需要確保其物品切勿放入雪櫃儲存。



## 警告

平日使用時……避免火災、觸電等危險。



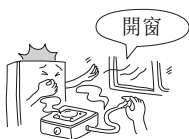
- 除了製造商推薦使用的類型外，不得在器具的食品儲藏室使用電器。



- 應對兒童進行監督，確保他們不會於本器具玩耍。
- 一旦進了雪櫃，他們可能被困在裡面。
- 該設備並不供小童當作玩具。
- 小童沒有成人指導時，不得使用該設備。



- 如易燃氣體滲漏，切勿觸摸雪櫃，並打開窗戶作通風之用。
- 電器接觸點如櫃門開關掣可能產生火花，觸發爆炸而引致火警及燒傷。



- 請保持雪櫃外圍或內置的通風口暢通無阻。



- 如果發現雪櫃有問題，請立即拔除插頭，並向零售商或日立服務中心查詢。



- 8歲或以上小童，身體、知覺、精神受損或缺經驗及知識的人士需要使用該設備，須受到監督或指引並以安全途徑使用該設備，並清楚其中的危險。



棄置雪櫃時



- 棄置雪櫃時，請跟從當地法例的指引。
- 本雪櫃使用R-600a作為冷凍劑材料，以及環戊烷作為聚氨酯隔熱的吹氣劑。

- 當棄置雪櫃時，請除去雪櫃門膠邊。
- 為防止嬰孩或兒童被困在雪櫃裡面。

## 注意

在日常使用時……避免生病和受傷



- 切勿強行將瓶子等放在櫃門儲物格內。
- 這會令瓶子掉下或櫃門儲物格脫離雪櫃。



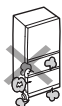
- 放在每個層架的食物都不要突出層架外。
- 櫃門可能不能正常關閉或櫃門儲物格可能會掉下，令瓶子等物件掉下，擊中雙腳，可造成損傷。



- 切勿儲存氣味或顏色已壞變的食物。
- 這樣可能會引起疾病。



- 切勿將玻璃瓶放進冷凍室內。
- 瓶子內的飲料會結冰，導致瓶子爆裂，造成受傷。



- 手濕時切勿接觸在冷凍室內的食物和容器。
- 這可能造成傷凍損害。(特別是金屬物品)



- 切勿把手伸進雪櫃的底部。
- 清潔雪櫃時，將手靠近雪櫃的底部，可能會被幼薄的金屬片割傷。



- 當關上櫃門時，切勿扶著櫃門的頂部、底部和兩側。
- 手指可能會被門邊夾住。



- 若有人正在使用雪櫃，切勿開啟櫃門。
- 手指可能被櫃門之間的空隙夾傷。



- 開啟雪櫃時，雙腳切勿太過靠近櫃門。
- 開啟雪櫃時，可能撞到你的腳而引致受傷。



- 切勿撞擊玻璃門或層架。
- 雖然它們由強化玻璃製造，但是撞擊力過大，會造成斷裂，並產生危險。

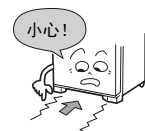
當移動或搬運雪櫃時，……避免損毀、弄濕或弄污地板，或避免受傷。



- 搬運雪櫃時，切勿使用門柄。
- 切勿在運輸手柄上使用起重機或類似機器將雪櫃吊起。



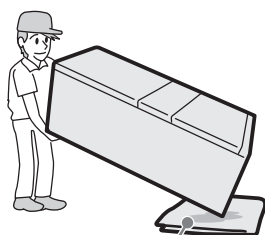
- 在容易劃損的地板上，切勿使用雪櫃的輪子移動雪櫃。
- 輪子會損毀地板。
- 在容易劃損的地板上，請先鋪上保護墊子。



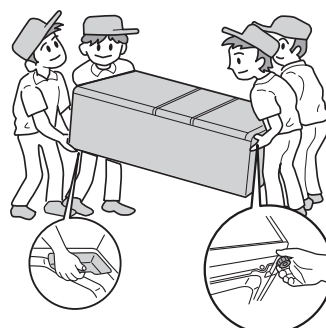
- 當搬運雪櫃時，請使用運輸手柄。
- 只可手握運輸手柄，如果手握門柄，可能因滑手而造成損傷。
- 為安全起見，需要4個或以上的人員搬運雪櫃。
- 搬運雪櫃時，櫃門朝上。

搬運雪櫃前：

- 取出所有食物和冰塊。
  - 把保護墊或乾布鋪在地上，以免地板受損，並收集雪櫃的滴水。
  - 把舊布放在雪櫃下面，令其向後傾斜，以幫助排水。
  - 最後可以開始搬運雪櫃，櫃門朝上。
- 使用膠布將櫃門封好，不要讓其開啟。
  - 若使用貨車運送，切勿將雪櫃側臥，這會令壓縮器損毀。



例如舊布



如需更換 LED 燈泡



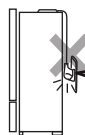
- 如需更換LED燈泡，請聯絡零售商或日立的服務中心。

# 使用前準備

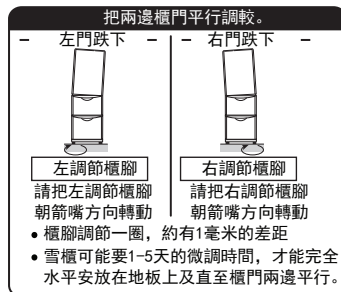
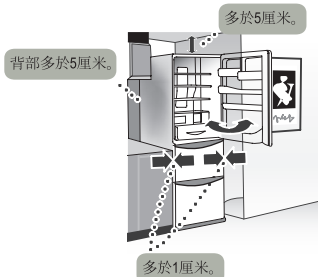
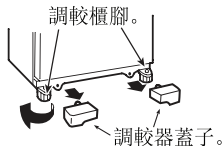
## 1 安裝

- 將雪櫃安裝在穩固和平坦的地板上。
- 請在室溫 $10^{\circ}\text{C}$ 至 $43^{\circ}\text{C}$ 的環境下使用本產品，如溫度太高或太低，雪櫃便會達不到預期的製冷效果。
- 切勿將本產品安裝在太陽直接照射或靠近其它熱源的地方。
- 將雪櫃安裝在乾爽和通風良好的地方。
- 本產品要求廚櫃周圍要有足夠的空間通風，以便達到最佳的製冷效果，在雪櫃頂部要留有最少5厘米的空間，背部要有5厘米，兩邊要有1厘米的空間作通風用途。
- 請將本產品接地以避免觸電或受干擾，當在高濕度或高水氣的地方使用本產品，便需要為雪櫃連接地線。（請諮詢零售商或日立服務中心）
- 調較櫃腳，將左/右櫃門調節水平。
  - 若不調節櫃腳，櫃門高度可能不會水平一致。而視乎地板情況，可能出現異常震動或聲音。請跟從以下指示。

- 轉動調節櫃腳以降低高度，直至雪櫃能穩固安裝在地板上。

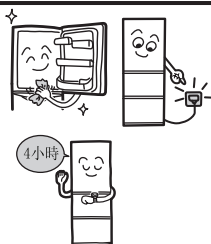


當安裝時，切勿將雪櫃壓住在背後的電源插頭。



## 2 開始操作

- 清潔雪櫃內部時，請使用軟布輕輕抹擦。
- 雪櫃需連接到專用的電源插座。安裝完畢後，便可將雪櫃連接到電源插座。切記使用規定的電壓和專用的電源插座。
- 壓縮機會開始運行大概30秒，如果雪櫃內部不夠冷。
- 儲存食物前，請容許雪櫃有足夠時間冷凍，完全冷凍約需4個小時，若環境溫度過高，可能需要24小時讓雪櫃變凍。

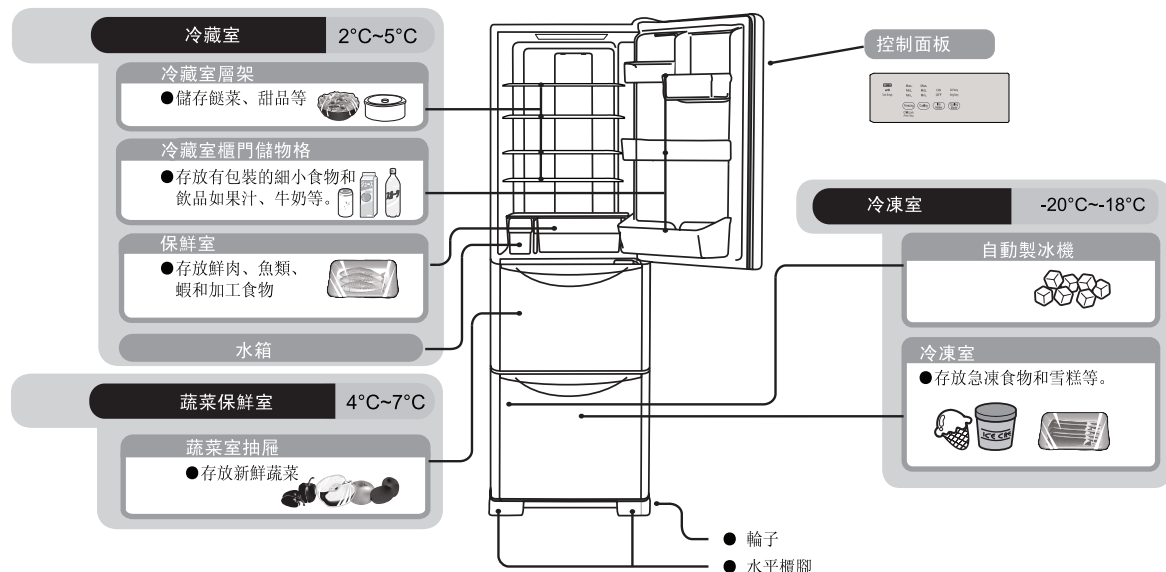


## 3 儲存食物

- 食物之間要有足夠空間，食物過份擠迫會妨礙空氣流通。
- 請儲存已放涼的食物，將溫熱食物放入雪櫃，會提高雪櫃內的溫度，並浪費電力。
- 切勿阻塞冷風出口，這樣會嚴重影響冷空氣的流動，令雪櫃內的溫度不平均分佈，而且會令出風口的食物結冰。
- 使用保鮮紙或密封容器，防止食物變乾或放出氣味。



# 食物儲存的位置




### 注意

- 以上的溫度，是在室外溫度 $32^{\circ}\text{C}$ ，冷藏室的溫度設定為“正常”，冷凍室溫度設定為“正常”，雪櫃門關上及沒有儲存食物情況下的近似數值。
- 櫃門儲物格的溫度可能稍高於上述的溫度。
- 閣下購買的型號的規格，可能與上面描述的有所不同

# 如何安裝和移除配件


**調整貯藏架。**

- 向上拉貯藏架後部，並向前拉出
- 根據貯藏的食物，安裝雪櫃貯藏架。




**櫃門儲物格/蛋架**

如圖所示取出蛋架



**下冷凍箱**

- 如圖將「保鮮箱」移走。切勿在保鮮箱儲存超過 4.9 千克的食物，因它可能會損毀。



**蔬菜保鮮室**

拉出蔬菜保鮮室門，並如圖提起滑動箱和蔬果箱。\*\*\*

1. 滑動箱
2. 蔬果箱

切勿在滑動箱儲存超過 4.5 千克的食物，滑動箱可能會損毀。


切勿在蔬果箱內儲存多過 12 千克的食物，蔬果箱可能會損毀。

\*\*\*如果 R 門打開，則無法拉出 蔬果箱

**下冷凍箱**

下冷凍箱可存放體積大和需要較長時間儲存的食物。

- 請確保將食物存放在指示線下面，否則當食物觸碰到滑動箱時，會妨礙櫃門關閉，並影響製冷效果，食物和滑動箱也可能會損毀。



儲存食物的指示線 下冷凍箱

**冷凍室**

1. 拉出下冷凍室門，朝自己的方向向上拉出。
2. 如要移走滑動箱，如圖將它提起。切勿在上冷凍箱儲存多過 8.0 千克的食物，冷凍箱可能會損毀。
3. 移去下冷凍箱，請按圖示把它拿起來。在下冷凍箱內不可存放超過 10.5 公斤以上的食物，這會損壞冷凍箱。



# 如何使用控制面板

操作部是玻璃觸碰式。

按下 **MENU** 按鍵時可以顯示目前的設定。  
操作面板的上方是顯示部，下方是操作部。  
請按操作部來切換各種設定。

**注意事項** 若要切換設定時，請在冷藏室門關閉的狀態下操作。

**狀態顯示燈**

	節能溫度感應生效時，eco 運轉顯示燈亮燈	→ Pg.21
	操作面板按鍵鎖，上鎖時顯示燈亮燈	→ Pg.21
Tank Empty	當給水槽中的水減少時，顯示燈亮燈	→ Pg.21

為了更清楚指明，所有的顯示部呈燈亮的狀態。

**溫度設定**

設定冰箱各存放空間的溫度  
平常請設定在「Mid」的位置。

冷藏室 → Pg.22  
冷凍室 → Pg.22

**製冰設定**

設定製冰模式

(製冰)  
"ON"  
→ Pg.23  
(製冰停止)

**設定冷卻模式**

設定冷卻模式

Quick Freezing (快速冰凍)  
"ON"  
→ Pg.20  
Energy Saving (省電)  
→ Pg.20

## 注意

### 關於顯示部

請在所有冰箱門關閉的狀態下操作各種設定。當冰箱門開時或顯示部的顯示燈閃爍時，操作各種設定則無反應。要確認設定完成時，請按下 **MENU**，或打開冷藏室門。顯示部會再次亮燈。操作結束後，再次按下 **MENU**，則顯示部熄滅。沒有按下 **MENU**，為了達到省電目的，約 40 秒後顯示部及操作部也會滅燈。但「節電」模式的設定及 Quick Freezing 運轉時的顯示、及「Tank Empty」的通知顯示、環保運轉的「eco 運轉顯示」則不會滅燈。開 冰箱門若顯示部及操作部亮燈，冰箱門關閉後約 15 秒顯示文字則滅燈。

### 關於操作部

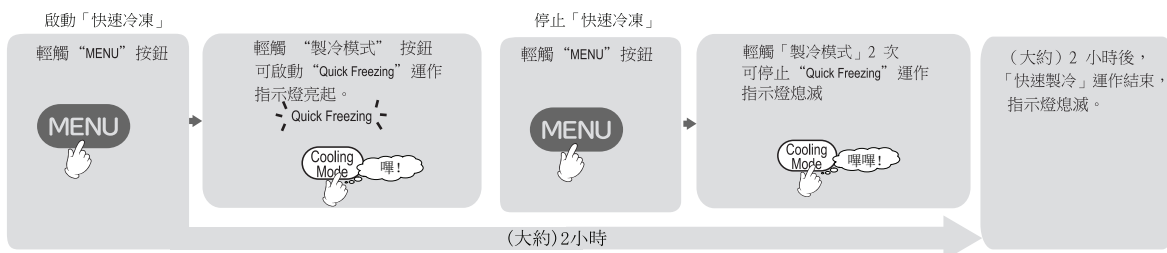
觸控面板會根據周圍的溫度、濕度、使用者的身體狀態及旁邊的電器的使用狀況，其反應會有所變化。按了也沒有反應（顯示內容不變）的時候，請把手指離開一下再按。在兩次按鍵之間的時間過短有可能導致檢出錯誤訊息（感應為持續按），用力按也不會改善感應的。玻璃觸碰部濕或髒的時候，會沒有反應。請以乾布擦拭。



# 其他功能

## 快速冰凍

- 當需要快速冰凍食物或製冰時，可使用此功能。

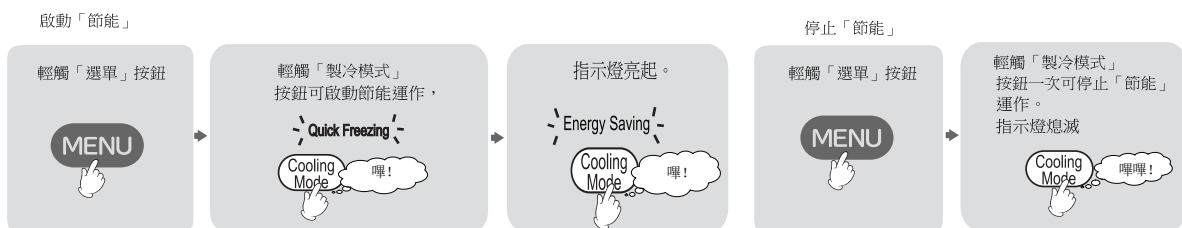


### 注意

- 當「Quick Freezing」(快速冰凍)模式進行時，會優先完成冷凍室的冷凍程序。所以，盡量避免不必要的開關以避免冷藏室的溫度上升。
- 當「Quick Freezing」(快速冰凍)模式自動完成後，如再次按下按鈕，指示燈會亮起。但下一次的「Quick Freezing」(快速冰凍)模式不會開始。60分鐘後，模式會再次啟動。
- 溶雪期間，即使「Quick Freezing」(快速冰凍)燈泡亮起，快速冰凍模式將不會啟動。溶雪過程結束後，「Quick Freezing」(快速冰凍)模式將自動開始。

## 省電

- 建議在低貯存量、或因外出度假令櫃門長時間關閉時，使用此功能。



### 注意

- 如果箱格的溫度上升，操作將回復正常設定(暫時)。
- 如長時間使用省電模式，脂肪較高的雪糕等食物會有機會溶化。在此情況下請停止進行省電模式。

### 注意事項

- 如省電模式在濕度高的環境下操作，可能出現水珠。在此情況下請停止進行省電模式。

## 櫃門開啓警報功能\*

如果雪櫃門打開超過 1 分鐘，警報系統將會鳴響提醒用戶，且所有顯示將會閃爍。

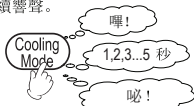
- 櫃門開啓警報：以短促的“嗶嗶”響聲作提示

櫃門持續開啓時間	櫃門開啓警報聲
1分鐘後	“嗶”三聲
2分鐘後	“嗶”五聲
3分鐘後	連續響起

- 蔬菜隔間無門鈴警示功能。

### 解除警報及響聲

1. 持續按下“Cooling Mode”(選項)按鈕5秒，直至聽到“嗶”連續響聲。



按任何按鈕時，都不會發出響聲(已解除櫃門開啓警報)



### 重新啓動警報及響聲

1. 持續按下“Cooling Mode”(選項)按鈕5秒，直至聽到“嗶嗶”兩聲。




### 注意




- 在裝運前，警報及響聲都已啟動。
- 拔出後再插入電源插頭、或遇上電力中斷時，雪櫃會自動將警報及響聲重新啟動。

# 其他功能 (續前頁)

## 4

### 兒童鎖

是為了防止誤觸操作面板，及兒童玩弄冰箱而設計的功能。  
 (按鍵鎖) 的顯示燈亮燈時，即使按了其他的操作部也無法切換。

- 按下操作面板的  按鍵，顯示燈亮  
顯示燈全部燈亮後，顯示目前的所有設定。
- 持續按住  5 秒以上，直到發出設定音為止  
操作面板按鍵鎖可切換「開」或「關」。  
出廠時，設定成「」(熄滅) 的 態。

操作面板按鍵鎖的設定	「開」(鎖定中)	「關」(解除鎖定)
「  」顯示	燈亮 	熄滅
設定音	嗶—	嗶嗶

## 5

### eco 運轉顯示燈

#### 注意

- [eco 運轉顯示燈] 無法燈亮時，可能是以下的原因。
- 剛設置完成後、或一次儲放大量的食品時
  - 冰箱門開閉次數頻繁時
  - 當食品或包裝袋被箱門夾住，而箱門關不緊時
  - 設定為「Quick Freezing」時

[eco 運轉顯示燈]



## 6

### 告知給水警示燈

當水箱中的水位降低時，「Tank Empty」指示燈亮起，  
請為水箱補水。同時，「Tank Empty」指示燈 也是「製冰」  
即使設置為“開”，它也不起作用

#### 注意

- 當左側雪櫃室門在指示燈亮起時打開並關閉後，  
「Tank Empty」指示燈熄滅一次(最多 3 小時)，  
如果沒有為水箱補水，「Tank Empty」指示燈將會再次亮起，  
若選取「關閉」進行自動製冰時，「Tank Empty」指示燈保持熄滅。

#### 注意事項

如果未正確放置水箱，則無論水位如何，  
「Tank Empty」指示燈可能都會亮起。如果指示燈亮起，  
請豎直並完全推入水箱。

顯示燈亮

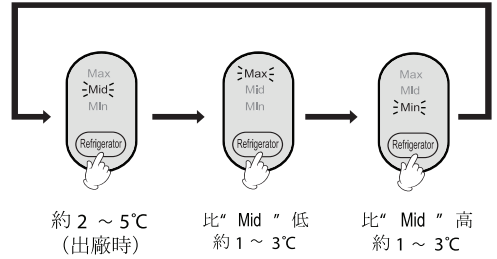


# 其他功能 (續前頁)

## 7

### 調節冷藏室溫度

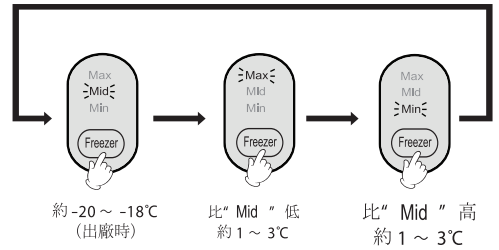
- 按下操作面板的 **MENU** 按鍵，顯示燈亮顯示燈全部燈亮後，顯示目前的所有設定。
- 按下 **Refrigerator** 按鍵，可以變更適當的度。按下按鈕時依如右圖所示順序切換。  
出廠時設定為「Mid」。  
通常請使用“Mid”的位置。  
度因使用條件而有所變動。  
調節更細微的  
是在周圍溫度32°C、不放入食品、關閉冰箱門、定的況下的冷藏室的大致度。



## 8

### 調節冰凍室溫度

- 按下操作面板的 **MENU** 按鍵，顯示燈亮顯示燈全部燈亮後，顯示目前的所有設定。
- 按下 **Freezer** 按鍵，可以變更適當的溫度。按下按鈕時依如右圖所示順序切換。  
出廠時設定為「Mid」。  
通常請使用“Mid”的位置。  
溫度因使用條件而有所變動。  
調節更細微的



#### 注意

冷凍室「Max」(低冷凍)是比平常冷凍還要低的狀態來保存食物。與平常冷凍時的運轉相比，消費電力約增加 20%。

#### 注意

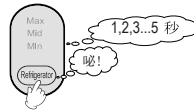
冷凍室「Max」長時間使用時，冰淇淋等會變硬、儲存的食品的解凍時間會變長。

## 9

### 調整溫度 (冰箱隔間/冰櫃隔間)

#### 設置正確的溫度調節

- 打開冷凍室的門。
- 按下操作面板的 **MENU** 按鍵，顯示燈亮顯示燈全部燈亮後，顯示目前的所有設定。
- 保持按下 **Refrigerator** 5秒，直到“嘟”聲音聽到。
- 關閉冷凍室門。
- 按按鈕進行調整。

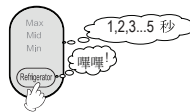


( ) 常亮 ( ) 閃爍

指示燈	Max Mid Min	Max Mid Min	Max Mid Min	Max Mid Min	Max Mid Min	Max Mid Min	Max Mid Min	Max Mid Min	Max Mid Min	Max Mid Min
設置	最低	→	→	→	正常	→	→	→	→	最大

#### 取消溫度調節

- 打開冷凍室的門。
- 按下操作面板的 **MENU** 按鍵，顯示燈亮顯示燈全部燈亮後，顯示目前的所有設定。
- 保持按下 **Refrigerator** 5秒，直到“嗶嗶”聲音聽到。



#### 注意

- 此功能會改變相應的模式類型
- 工廠設置模式下，溫度通過正常步驟調節

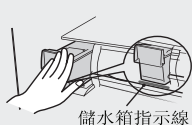
# 如何使用自動製冰機

1



注入清水直至水位在滿水線附近，然後合上蓋子。

2



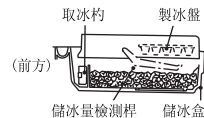
把儲水箱推入原位至指示線位置鎖緊。

## 注意

- 第一次安裝時，須讓雪櫃冷凍24小時才可以製冰。
- 當儲冰盒已滿，製冰機會自動停止運作；當儲冰盒的冰塊減少或沒有冰塊時，製冰機會再次自動運行。
- 製冰過程中，或當冰塊跌入儲冰盒時，會發出聲音，這是正常的。

## 注意事項 第一次使用製冰機

- 丟掉所有第一次製作的冰塊，因為冰塊上可能有氣味或沾有灰塵。
- 如碰跌儲水箱，必須確認水沒有從水箱溢出。
- 請勿將其他液體，任何飲料如果汁、汽水、啤酒等注入儲水箱。
- 請勿將熱水注入儲水箱(儲水箱耐熱溫度為50 °C)
- 請勿將任何物品，如急凍食物、雪糕或冰塊以外的東西放入儲冰盒。
- 請勿用手觸碰儲冰量檢測桿或製冰盤，可能導致手受傷。



### 淨水過濾器

- 請依照下圖所示的方向，從蓋子取下箱子。
- 按著按鈕，同時從箱子底卸下淨水過濾器。
- 用柔軟的海綿擦洗淨水過濾器。

- 請勿使用廚房肥皂或漂白劑。
- 淨水過濾器很容易損壞，因此請勿用尖銳的東西戳它。

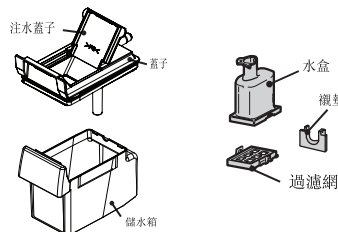
1

## 清潔儲水箱

### 注意

- 應每週清潔儲水箱，以確保衛生。
- 用乾淨的海綿或柔軟的抹布，及加入了中性清潔劑的暖水，將所有可取出的部份及雪櫃內部用手清洗、過水和擦乾。

- 參照下圖，按蓋子前方的中央位置，打開蓋子。(切勿用指甲去打開蓋子)
- 蓋上蓋子時 先確定後面的把手支撐著蓋子再依照下圖所示的方向蓋下蓋子。

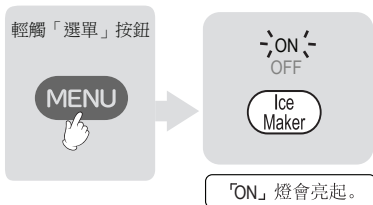


2

## 開啟/關閉自動製冰功能

首先，檢查自動製冰機是否開著。

1. 製冰機運作時，



2. 要停止運作，請按“Ice Maker” (製冰機) 按鈕。



3. 重新啟動製冰機時，



### 注意

- 如果不想使用自動製冰機，可以手動停止操作。

# 維護與保養

## 清潔（請每月清潔雪櫃一次）

1. 拔出雪櫃的插頭。
2. 移走所有食物。
3. 清潔雪櫃。
  - 污漬最好即時清理，一些不常接觸的地方最好每年清潔一次。
  - 使用軟布蘸上暖水，抹掃污漬。如要清潔頑固污漬，請使用稀釋及中性的廚房清潔液清洗。
  - 要仔細清潔櫃門膠邊，因它容易沾上污物。
4. 若在已清潔的表面留有水點，請立即將它抹除。
5. 將所有配件放回原位。
6. 檢查和清潔電源線、插頭和電源插座。
7. 將電源線插入電源插座。

### 注意

- 即使將拔出的插頭立即插進電源插座，壓縮機仍然要在10分鐘後才啟動，但是雪櫃內部不凍時，壓縮機會於大約30秒後啟動。

### 注意事項

- 切勿作出下列行為，因零件和油漆會被損毀。
1. 切勿在雪櫃門和雪櫃機身上澆水。
    - 這可引致觸電和火災。
    - 這可因管子生銹而引致氣體洩漏。
    - 這可引致雪櫃門表面出現銹蝕現象。
  2. 切勿使用以下的清潔物品：拋光粉、洗衣粉、油、熱水、刷、酸性物品、苯、天拿水、酒精和鹼性清潔劑等等。
    - 這可損毀櫃門表面。
    - 這可令塑膠配件斷裂。
  3. 若煮食油不慎弄污雪櫃，請立即將它抹除（塑膠配件可能斷裂）




# 疑難排除

在要求服務前，請先自行檢查下列各點。

問題	檢查項目	說明書	頁
雪櫃完全不凍	● 雪櫃插頭是否適當插上？	● 檢查保險絲盒內的保險絲是否熔斷，或斷路器跳開。	16
雪櫃不夠凍	● 雪櫃有否放置在陽光直射的位置？	● 不要把雪櫃安裝在陽光可能照射到的地方。	18
	● 溫度是否設定為“最低”？	● 按下“溫控”按鈕至正常溫度或最冷。	22
	● 是否存放過多食物？	● 食物之間要留有足夠的距離。	18
	● 櫃門是否稍微開啟？	● 門要關上。	-
	● 雪櫃有否靠近熱源？	● 不要把雪櫃安裝在可能接觸熱源的地方。	18
	● 雪櫃內有否放置燙熱食物？	● 把食物放入雪櫃前要將食物放涼。	18
	● 開關櫃門是否太過頻繁？	● 不要太頻繁地開櫃門。	-
在冷藏室內的食物經常結冰	● 溫度是否設定為“最大”？	● 按下“溫控”按鈕至正常溫度或最冷。	22
	● 有否把濕潤的食物或蔬菜放近出風口？ 如食物或蔬菜放在出風口附近會被霜凍。	● 食物之間要留有足夠的空間，不要塞住出風口。	18
出現水珠（外面）	● 若雪櫃外的濕度是高的，門膠邊會出現水珠。	● 參見“露水或霜凍形成”部分內容。	25-26
出現水珠（裡面）	請用乾布將它抹掉並檢查下列事項。	● 參見“露水或霜凍形成”部分內容。	25-26
	● 櫃門有否緊閉？		
	● 開關櫃門是否太過頻密或櫃門開啟過久？		
	● 濕度是否很高？		
內部出現異味	● 是否放置沒有包裹及會發出氣味的食物？	● 使用保鮮紙或密封容器。	18
雪櫃發出噪音	● 確保雪櫃已穩固放置。 ● 雪櫃有否觸碰到牆壁？	● 應該先看說明書，再安裝雪櫃。	18

控制面板沒有反應：

問題	檢查項目	說明書	頁
控制面板沒有反應：	<ul style="list-style-type: none"> <li>● 是否在運作時使用控制面板上的鎖定功能，選取“兒童鎖” </li> <li>● 冷藏室的櫃門是否開啟？請關上門後再嘗試啟動。</li> <li>● 控制面板上是否有水或污漬？</li> <li>● 是否戴著手套或沾了石膏？請用手指直接觸摸面板。</li> <li>● 是否按著旁邊的按鈕？請每次只按一個按鈕。</li> </ul>	● 參見如何使用控制台部分	19-22
控制面板沒有亮燈。	● 操作結束約30秒後，LED顯示燈會熄滅。 (節能和雙風扇 LED 指示燈變暗)	● 參見如何使用控制台部分	19-22



# 疑難排除(續前頁)

這不是故障

問題	檢查項目	說明書	頁面
雪櫃表面發熱	-	● 雪櫃具有防露水和發熱管設備。背部和兩側都會發熱。當雪櫃啟動或櫃門經常開合時，會更為明顯。	-
關閉一隻門，另一隻門會打開	-	● 冷凍室和冷藏室的空氣管道是連接的，當關閉一隻門時，由於風壓會導致另一門被打開，這屬正常現象。	-
有否發出不正常的噪音(聲音)?	-	● 聽見像流水或沸水的聲音，其實是冷凍劑流動的聲音。 ● 爆裂聲來自儲存室。由於溫度改變，令配件出現摩擦而發出的聲音。	-
雪櫃門的表面，雪櫃側面和頂部的表面呈波浪形或有變形的情况。	-	● 輕微的波浪或變形是在製造雪櫃的過程時所產生，並會因光源的位置或亮度等而變得明顯，但對其性能沒有影響。	-
雪櫃發出噪音。	-	● 覺得雪櫃運作的聲音較大，可能是因為壓縮機正高速運作。如雪櫃未完全冷卻，壓縮機會高速運作，例如在第一次使用雪櫃時，經常開/關雪櫃門或周圍環境氣溫較高。雪櫃完全冷卻後噪音會較低。壓縮機在晚上會以較低速度運作，在長假期或長期不在時，有機會造成較大震動。	-
持續出現運作聲音。	-	● 因為壓縮機正低速運作以減低耗電。	-
運作聲音有時會變大。	-	● 因為系統會按溫度調較雪櫃的運作功率。	-

# 產生露或霜

一般操作	請查閱此處	可能原因和/或推薦解決方案
冷凍室中產生露或霜	冷凍室的門沒有暫時打開?	檢查食物的包裝紙是否被卡住，以便關門時不在門和門封條之間產生間隙。 
	冷凍室的門沒有經常打開或長時間不必要地打開?	如果門被頻繁打開或者在電冰箱周圍的溫度高時開門，空氣中的水分可能在冷凍室的內壁或部件上或在空氣通道周圍產生一些霜或冰。 這不是故障。請盡量不要太多次開門或長時間開門。此外，請使用乾布擦拭冷凍室內產生的霜或冰。 
	使用電冰箱中最初未安裝的額外製冰盒製作更多冰塊?	當同時放置貯放有水或液體的許多容器時，水或液體可能蒸發並在冷凍室的內壁或部件上或在空氣通道周圍產生霜或冰。您可以透過蓋上蓋子避免蒸發來抑制霜和冰。請使用乾布拭擦霜和冰。 

# 產生露或霜 (續前頁)

一般操作	請查閱此處	可能原因和/或推薦解決方案
冷藏室中產生露	冷藏室的門沒有暫時打開?	關上門時，請確保不要夾住門和門框之間的食物或塑料袋。 
	冷藏室的門沒有經常打開或長時間不必要地打開?	如果門被頻繁打開或者在電冰箱周圍的濕度高時開門，空氣中的水分可能在冷藏室的內壁或部件上或在冷空氣出風口產生一些霜或冰。這不是故障。請盡量不要太多次開門或長時間開門。此外，請用乾布擦去冷藏室內的露水結露。 
	貯放許多含有大量水的蔬菜?	蔬菜隔室的濕度高於其他隔室。因此，根據蔬菜的數量或類型，可能在蔬菜隔室的塑料外殼上結露。然而，這不是故障。 如果您不想結露，請用保鮮紙包裝蔬菜；此外在發生凝露多次時，水可能積累在蔬菜室中。請用乾布拭擦水。
電冰箱的外表面上會產生露。	電冰箱周圍的濕度不高?	當濕度升高時，例如在雨天，電冰箱的外表面上可能產生一些露。請用乾布擦去露。
	溫度設定未設成「最冷」?	當溫度設定設成「最冷」時，電冰箱的外表面上可能產生一些露。請將設定設成「普通」。此外，請使用乾布擦去露。 

## 為什麼會產生霜和露?

當溫暖潮濕的空氣接觸到某種冷東西時，會產生露。例如，如果您在房間的玻璃容器中放一些冰，玻璃容器周圍的空氣將會冷卻，玻璃的外表面可能會產生露。

以相同的方式，當暖濕空氣在開門時進入電冰箱中時，暖濕空氣會接觸冷的內壁並且可能產生少量的露。

因此，如果門開得太頻繁或太長時間，則在每次開門時會積累露。在一些情況下，露可能凍結以在冷凍室中產生一些霜或冰片。



- 要求維修前，請根據第24-25頁檢查雪櫃。如雪櫃仍未能如常運作，請即拔除插頭，聯絡零售商或下列日立服務中心。

服務中心	電話
香港日立有限公司 <a href="https://www.hitachi-hk.com.hk/tc/contact_us/index.html">https://www.hitachi-hk.com.hk/tc/contact_us/index.html</a>	(852) 2753 5386

- 電話號碼如有改動恕不另行通知

#### 使用非碳氟化合物的雪櫃

- 本雪櫃包括雪櫃本身及隔熱材都並沒有使用碳氟化合物及以碳氫化合物代替。(非碳氟化合物)。碳氫化合物是一種不會破壞臭氧層的物质，而且對全球暖化影響不大。這是一種環保的物料。
- R600a的冷凍劑是易燃的。但冷凍劑是密封在制冷系統內，正常使用是不會外泄的。如制冷系統受損，請不要生火及使用電器產品，立即打開窗戶保持通風，然後聯絡日立服務中心。

#### 關於廢棄之重要警告

隔熱材料中含有環戊烷 (Cyclopentane)。當要處理隔熱材料中之氣體時，必須依照特殊的廢棄處理程序。要廢棄本產品時為了不會對環境造成不良影響，請詢問當地的相關機關。



這標誌表示使用過的電器及電子產品，不可混入一般家居廢物。切勿嘗試自行拆解系統或組件，以免對你的健康或對環境造成不良影響。雪櫃應在專門的回收處理設施內進行循環回收和復原，並不可棄置在一般市政廢物流中。請聯絡安裝技師、經銷商或本地授權機構以獲取更多資訊。

## 警告

- 小童須在成人指引下使用，以保證不會將雪櫃當成玩具或是藏於雪櫃中。
- 小童一旦進入雪櫃內，可能無法走出。
- 8歲或以上小童，身體、知覺、精神受損或欠缺經驗及知識的人士需要使用該設備，須受到監督或指引並以安全途徑使用該設備，並清楚其中的危險。
- 該設備並不供小童當作玩具。
- 小童沒有成人指導時，不得使用該設備。

本設備現在可以用於家庭和類似的應用。

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