Instruction Manual

HITACHI Refrigerator

For household use only

No Frost

Model

R-WB730PT5
R-WB735PT5



HITACHI
Inspire the Next

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Thank you very much for purchasing the HITACHI refrigerator. Before using this please read the instruction manual carefully for the correct usage.

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

R600a
Refrigerant

Warnings 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.

Warning	This pictograph indicates "There is a 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 ".

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

The symbols below are examples.	
	This symbol is an alert mark.
	This symbol indicates "prohibited".
	This symbol indicates "necessary".

■ This refrigerator uses flammable refrigerants.
The symbol column below states the precautions on flammable refrigerants.

R600a

This symbol denotes the precautions on flammable refrigerants.

Warning

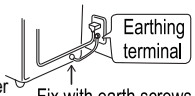
When you install ... To avoid fire, electric shock, and injury .

■ 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 of 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 retailers or HITACHI service center.)



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

■ Do not connect the wall outlet whose power capacity is less than the refrigerator's. Also, do not use power sources that are not a rated voltage.



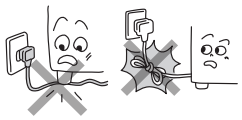
- If a power source is shared with other appliances using double or multipoint adapters, the adapter may heat up beyond the normal level and cause fire.



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



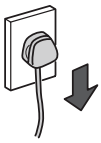
■ Do not cut, bend, fold the power cord to avoid fire and electric shock.





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

■ Connect the power plug firmly to a power outlet with the cord running down.
- Connection of the power plug with the cord running up could apply stress on the cord and cause electrical short or overheat, which could result in electrical shock or fire.
- Incomplete connection of the power plug could result in electrical shock or fire due to heat.



■ 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.



■ 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 sticks on the power plug, may cause fire.



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

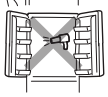


During daily use ...To avoid fire, electric shock .

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



■ Do not use electrical appliances inside the food storage compartments of the appliance, unless they are of the type recommended by the manufacturer.



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

■ 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.



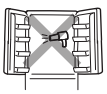
■ Do not damage the refrigerant circuit.
- If you happen to damage the refrigerant pipe, stay away from the refrigerator and avoid using fire and electrical appliances.
- And, open windows to ventilate and contact retailers or HITACHI service center.



■ Do not disassemble, repair, or modify your refrigerator by yourselves.
- Please consult with a retailers if any repair is required.



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



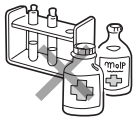
■ Ether, liquid propane gas, solvent, etc. which volatile cannot be stored in this refrigerator.
- Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.



■ Do not 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 falling 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 the refrigerator in the atmosphere of flammable gas.
● Sparks from points of electrical contacts such as door switches may ignite a fire.



■ In the event of a flammable gas leak, do not touch the refrigerator and open the windows for ventilation.

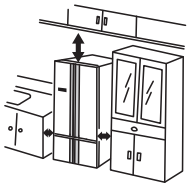
■ If you find something wrong with the refrigerator, immediately unplug and consult with the retailers.



■ Children should be supervised to ensure that they do not play with the appliance.
● Children getting inside may not be able to get out.



■ Keep ventilation openings in the appliance enclosure or in the built-in structure, clear of obstruction.



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 dropping down or door pockets coming 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 caught by the door edge.



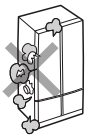
■ Do not make an impact on the glass-made doors or shelves.
● They are made of tempered glass, however, an excess impact may be result in breakage and is dangerous.



■ 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 falling and knocking 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 bottom surface of the refrigerator cabinet.
● When cleaning, putting your hands near the bottom 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.



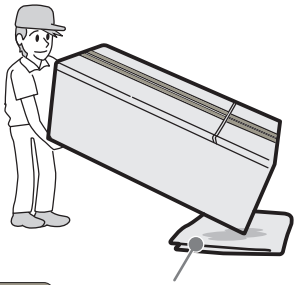
When moving or carrying ...To avoid damaging, wetting, soiling the floor, or to avoid injury.

■ Do not use door handles when carrying the refrigerator.
■ Never use the carrying handles to hang up with a chain hoist or similar machines.

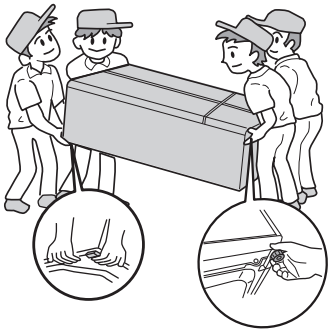
■ On a floor that is easily scratched, do not move the refrigerator with the wheels of refrigerator.
● The wheels may scratch the floor.
● For a floor that may be easily scratched, lay a protective mat, etc. .



■ 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.



Such as old cloth



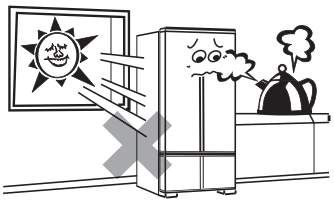
When replacing lamps (LED) is required.

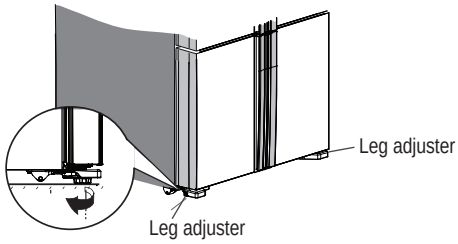
■ When replacing lamps (LED) is required. Please contact your retailers or Hitachi Service Center.

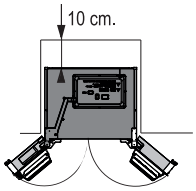
Preparations before Use

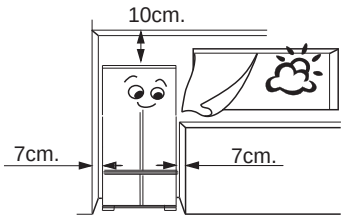
Installation

1. Install on a rigid and level floor.
2. Please use this refrigerator in a room temperature between 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 the refrigerator where it is exposed to direct sunlight or other heat source.
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 10 cm over the top, 10 cm at rear and 7cm at both sides for proper air circulation.
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).
7. Make the refrigerator stand horizontally by adjusting the leveling legs (adjustor).
8. Place the front cover in the direction as figure and insert both into the holes until locked position.









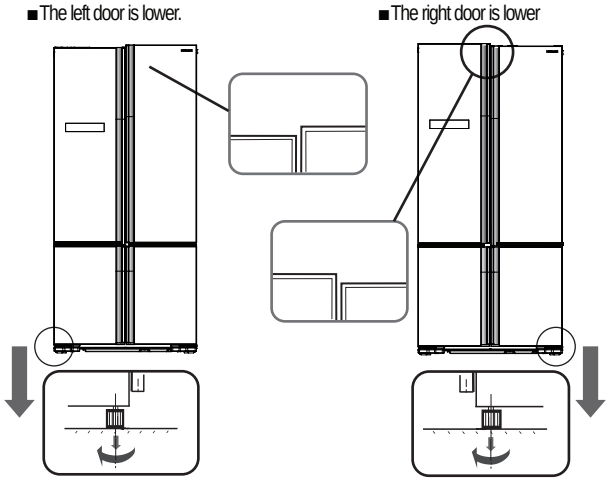
■The left door is lower.

■The right door is lower

Adjusting the adjustable legs to keep the left/right refrigerator door level.

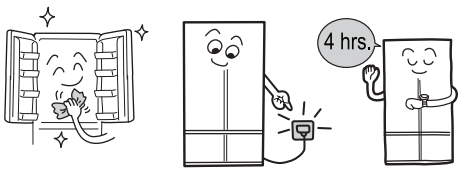
Without adjusting the legs, door height may not be level, or there may be abnormal vibration or noises depending on floor conditions. Follow the instructions below.

① Turn the adjustable legs to lower the adjustable legs until they touch the floor firmly.
② Compare the height of left and right doors and lower adjustable leg whose door height is lower than the other until the both door height become level.
- Turn the adjustable leg for 1 turn makes approx. 1 mm door height change.
- It will take several days until the legs fits the floor and the door height becomes stable.



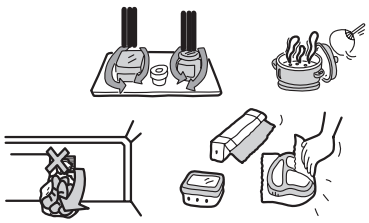
Before Use

1. Clean 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. 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.



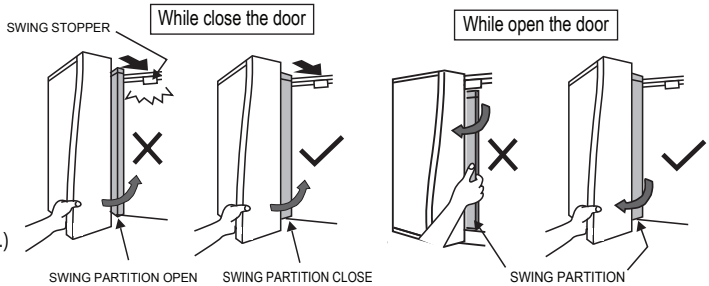
Optimal Food Storage

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 freezing food near the vent.
4. Using food wrap or sealed containers prevent the food from drying on transition of smells.

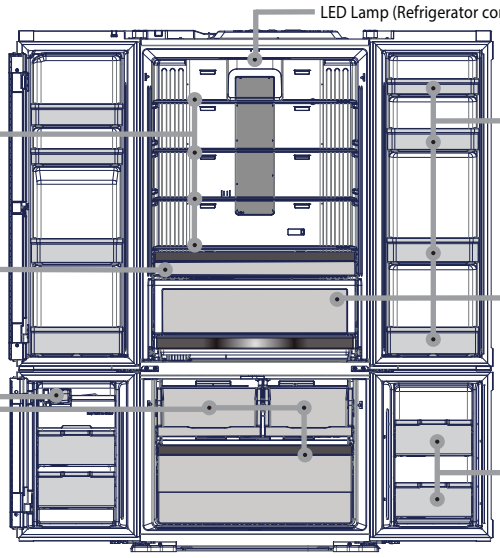


Swing Partition suggestion

- Do not hold the swing partition while opening or closing the left door. Otherwise, another parts may collapse.
- Whenever the door is opening, the swing partition will be close automatically. While the door is closing, the swing partition will be open. Please follow as usual.
  Even if, the swing partition may collapse with swing stopper and the door will not close completely.
- In order to prevent from dew, there is a heater installed inside to heat up the swing partition. Due to this heater, the temperature of the swing partition is hot(the swing partition is not defective though it is hot.)
- There are not abnormal when you feeling heavy while opening or closing the left door which is installed the swing partition.



Location of Food Storage



Refrigerator Compartment 1℃~5℃

Refrigerator Shelves
- Storage of side dish, desert ,etc.

Selectable Mode Compartment 1℃~5℃

Selectable Mode Compartment
- Storage of fruits vegetables or dairy meat. (see page 8)

Freezer Compartment −20℃~−18℃

Easy Twist Ice maker
- For made ice cube (see page 7)

Freezer Drawers
- Storage of frozen food and ice cream ,etc.

Refrigerator Door Pockets 2℃~6℃

Refrigerator Door Pockets
- Storage of packed small food and drinks such as juice,milk ,etc.

Vegetable Compartment 4℃~7℃

Aero care vegetable compartment
- Storage of fruits and vegetables. (see page 8.)

Freezer Door Pockets −19℃~−17℃

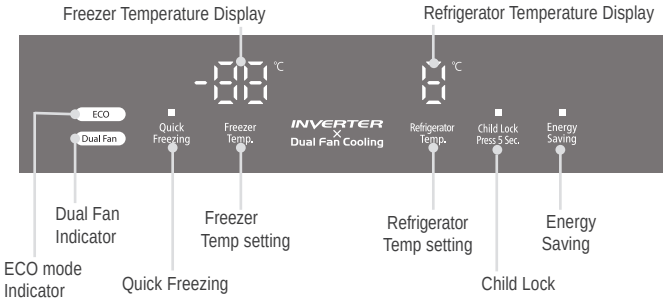
Freezer Door Swing Pockets
- Storage of ice cube, packed small frozen food.
- Not recommended for long storage, because temperature rise caused by door open may occur.

Notice

- Above temperatures are the approximate values in the conditions of outside temperature 32℃, the setting of the refrigerator compartment “Normal”, freezer compartment “Normal” while doors being closed and without food storage.
- Door pocket temperatures may be little higher than above temperatures.

How to operation

Name and Functions of Display



Notice

- If you unplug the power plug or a power failure occurs and then the refrigerator restarts, the temperature display and each setting will be automatically resumed ***. However, “Quick Freezing” operation will be cancelled.
- Approximately 30 seconds after the end of operation, all LED (except ECO and Dual fan LED) become unlit.
- 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.
- The panel may not respond if it is wet or dirty.

Temperature Control

The display is indicating the status of temperature setting.

1. Freezer compartment



Touch “Freezer Temp.” to setting a temperature

-15 ℃ • • -18 ℃	-19 ℃	• • • -23 ℃
(Sound Pi)	(Sound Pi)	(Sound PiPi)
When storing neither frozen food nor ice cream.	For normal use.	When making ice quickly or making frozen food quickly. Or, a surrounding temperature is high and the Freezer compartment is not cold enough.
Cold	Normal	Coldest

2. Refrigerator compartment



Touch “Refrigerator Temp.” to setting a temperature

7 ℃ • • 4 ℃	3 ℃	• 1 ℃
(Sound Pi)	(Sound Pi)	(Sound PiPi)
When the food is too cold	For normal use.	When cooling food more coldly or quickly
Cold	Normal	Coldest

*** There must setting more than 45 seconds before unplug the power or power failure. otherwise the temperature display shown as before setted.

Other Function

Quick Freezing

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

Touch "Quick Freezing" for Start
Quick Freezing operation, lamp light is on.



Touch "Quick Freezing" again for stop
Quick Freezing operation, lamp light is off.



2 Hours (Approx.)

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



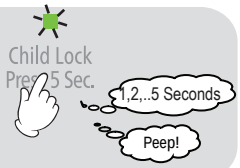
Notice
- During "Quick Freezing", priority cooling of the freezer compartment will be done, Thus, try to avoid unnecessary opening and closing the doors not to have a temperature rise of the refrigerator compartment.

Child Lock

You can prevent mischief of all the buttons on the control panel caused by children.

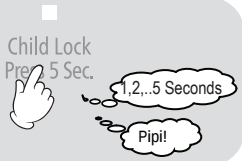
1

Touch "Child Lock"
for 5 seconds
("Child Lock" light is on)..



2

To stop this function , touch
"Child Lock" for 5 seconds again
("Child Lock" light is off)



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.

1

Touch"Energy Saving"
for Start Energy Saving operation,
light is on.



2

Touch "Energy Saving"
again for stop Energy Saving
operation, light is off.



Notice
- In case the compartment temperature rises up, the operation will be back to a normal setting temporarily.
- 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.
- If you Touch "Quick Freezing" button during "Energy Saving " operation, "Energy Saving" operation will be done after "Quick Freezing" operation finished.

Door Alarm and ECO Alarm Functions

If the door is left open for more than 1 minute,
the alarm system will inform the user by the sound and digital display.
- Door Alarm: Informs by PeepPeepPeep sound.
- Eco Alarm Display: Indicates the door opening state on the control panel.

Duration of Door Opening	Door Alarm Sound	ECO Alarm Display
After 1 minute	PeepPeepPeep	• 88 F (F Open)
After 2 minute	PeepPeepPeepPeepPeep	• 88 R (R Open)
After 3 minute	Peeps continuously.	

To Disactivate Alarm and Sound

1. Keep touching "Quick Freezing" for 5 seconds until "Peep!" sound is heared.



There is not sound when touching any button (deactive door alarm sound).



To re-activate Alarm and Sound

1. Keep touching "Quick Freezing" for 5 seconds until "PiPi!" sound is heared.



There is sound when touching any button (active door alarm sound).



Notice
- Upon shipment, the alarm and sound are set "ON".
- If the Door Alarm, Eco Alarm Display and each button operation sound have been deactivated, the refrigerator will still set the alarm and sound to "OFF" even though a power failure or when unplugging and reconnecting the power plug.

(There must setting more than 45 seconds before unplug the power or power failure. otherwise the temperature display shown as before setted.)

Operation Monitoring Display

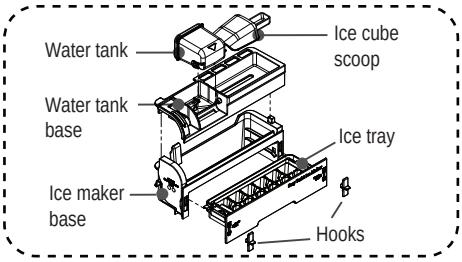
ECO — ECO sign : ECO LED Will display, while the compressor running at low speed. LED Unlit when the Quick freezing is operating.

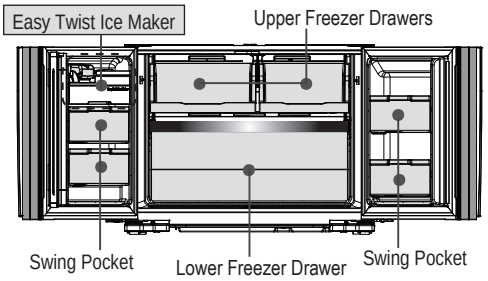
Dual Fan — Dual Fan sign : Dual Fan LED will display, while the cooling operates efficiently.

- Approximately 30 seconds after the end of operation, ECO LED and Dual Fan LED will dimmed, other lighting will be unlit.

Freezer Compartment

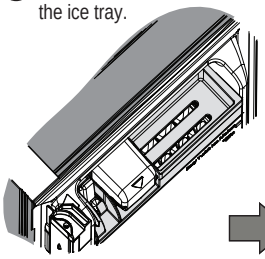
Easy Twist Ice Maker





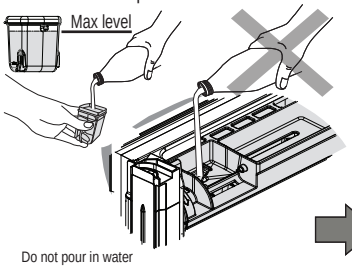
Make the ice cube

1. Check that the ice is not in the ice tray.



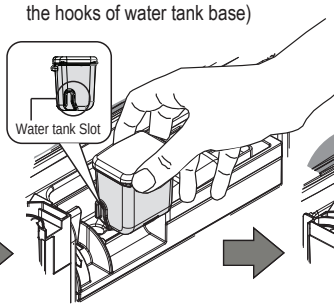
When there is ice,
Please drop the ice.

2. To get the water tank from water tank base, open the tank cap and pour in water up to the "Max level" line then close the tank cap.

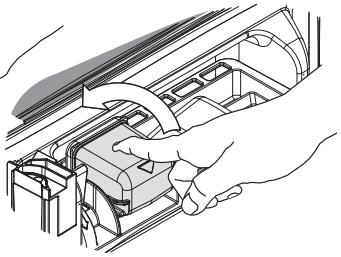


Do not pour in water
to the water tank base directly.

3. To install the water tank into the water tank base.
(Put the both water tank slot into the hooks of water tank base)

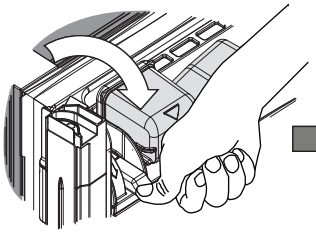


4. Push the water tank down the water will flow into the ice tray automatically.

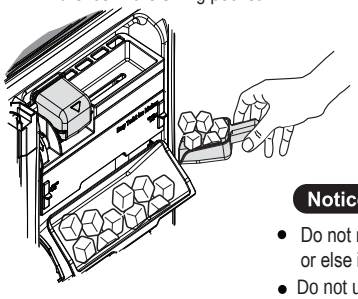


Get the ice cube

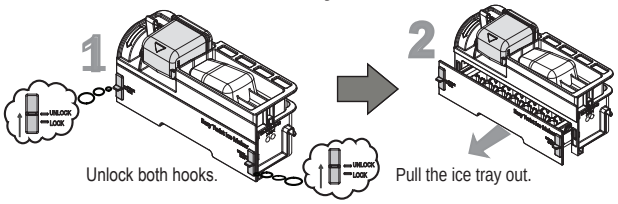
1. After ice is made, push the ice maker lever downward until ice cube drop into the "Swing Pocket".



2. To lift the swing pocket then pull it out .
Using the ice scoop for get the ice in the swing pocket.



How to remove the Ice tray

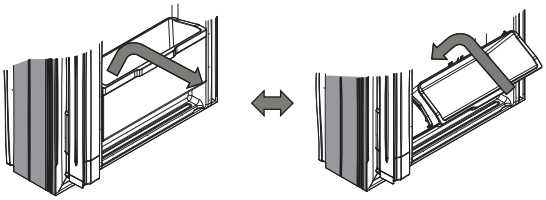


Unlock both hooks.

Pull the ice tray out.

⚠ Complete locking both hooks when installing the ice tray with ice maker base otherwise it will move out.

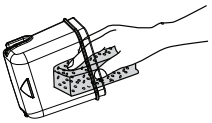
Swing Pocket



Lift the swing pocket
then pull it out .

Push the swing pocket
then lift it locked.

Cleaning the Water Tank



Notice

- The water tank should be cleaned every week for the reason of hygiene.
- Using a clean sponge or soft cloth and a mild detergent in warm water, hand wash, rinse and dry all removable parts and interior surfaces throughly.

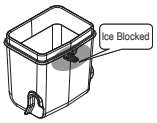
Notice

- Do not remove the ice maker with frame and do not twist it as shown in the picture or else it will be damaged.
- Do not use the water tank or the Swing Ice bank as an ice maker tray or else it will be damaged.



- Before refill the water should be twist ice cube in the tray, Otherwise the ice cube become big mass and hard to twist by ice maker lever. In case of difficult to twist the ice maker, Please move the ice tray out, dip it in the water till mass ice melts then make ice again.
- If the water tank is blocked by ice, Please remove.

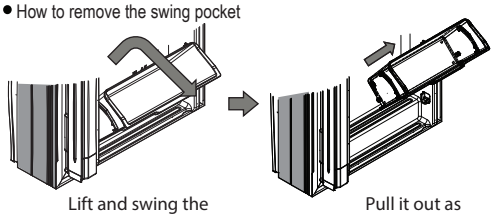




Warning

- Do not fill other liquid, any beverages such as juice, coke, beer etc into the water tank.
- If water tank was dropped, make sure that water is not leaking from the tank.
- Too fast closing the freezer door may cause the water split out from the ice tray.

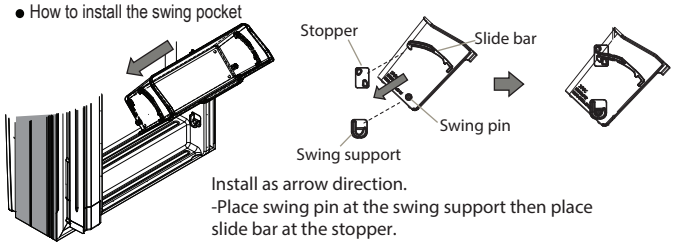
● How to remove the swing pocket



Lift and swing the swing pocket.

Pull it out as arrow direction.

● How to install the swing pocket

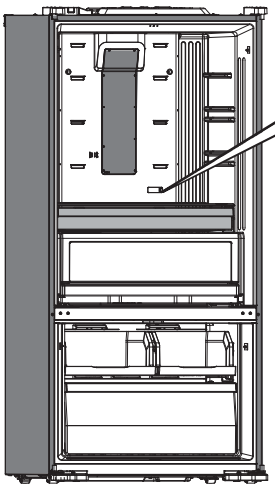


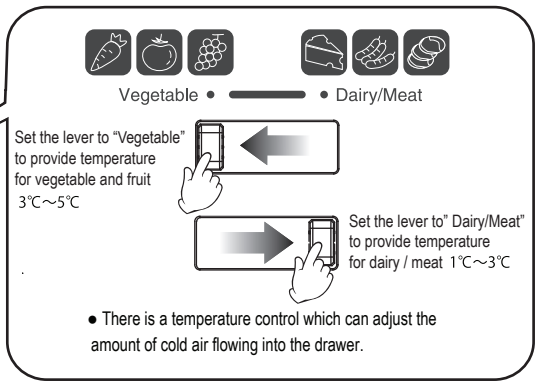
Install as arrow direction.
-Place swing pin at the swing support then place slide bar at the stopper.

Refrigerator Compartment

● If you keep refrigerator in a hot and humid place, frequent openning the door or storing a lot of vegetables in it may cause dew forming which has no effect on its performance. Remove the dew with cloth free from care.

Selectable mode compartment





● There is a temperature control which can adjust the amount of cold air flowing into the drawer.

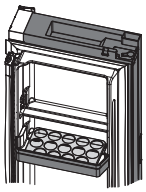
Caution

- If you want to store meat or fish longer, please store them in the freezer compartment.
- Be careful, it might be frozen if that food has a lot of moisture.
- When closing the refrigerator door, push the chilled case for close. If you close the door while the chilled case is still pulled out. The chilled case might be broken.
- Meat and fish can be kept fresh before being frozen.

⚠ The drawer is large enough space for children or pets to crawl DO NOT allow them to play inside the drawer.

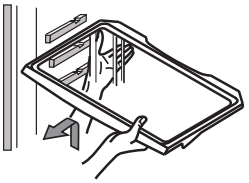
Egg pocket

● It can place 14 eggs also turn the rear side to place the small items.



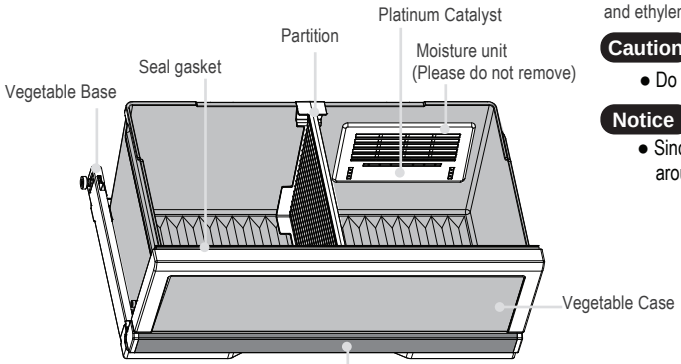
Adjusting the shelves.

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



Aero care vegetable compartment

Newly adopted [Aero-care] function to keep freshness and nutrient of your vegetables with the effects of Platinum Catalyst. Due to the effect of carbon dioxide, nutriment loss from vegetables can be prevented and freshness may be maintained.



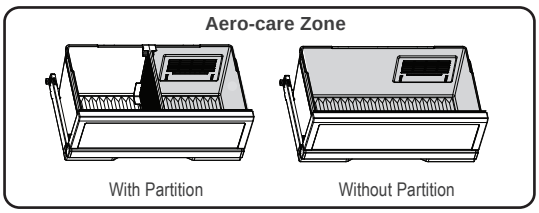
Platinum Catalyst : Due to the effect of platinum Catalyst, odorous substances of foods and ethylene gas from foods are converted into carbon dioxide to maintain freshness.

Caution

- Do not remove the moisture unit and Platinum Catalyst from the vegetable case.

Notice

- Since the humidity in the Vegetable Compartment is high, dew may be formed around the Upper Case, on the ceiling of the Moisture unit and Moisture Cover.



Notice

● When the door is opened frequently or humiddity around the refrigerator is high. dew may performed on the assist handle. Please wipe off the dew with a dry cloth.

Request

- Since the humidity in the Vegetable Compartment is high, dew may be formed around the Case and surface of vegetables, depending on the volume or type of vegetables, but it is normal. Accumulated water may cause damage to food, So use a soft cloth to wipe it off.
- If the moisture Unit is blocked by a bag or container of foods, dew is formed easily. Move out the bag or container of foods from there.
- If you feel uneasy about dew condensation, wrap the foods.
- When storing foods are few, as high moisture cannot be maintained, wrap the foods.

Maintenance

Cleaning (Please clean the refrigerator once a month)

1. Unplug the refrigerator.
2. Remove all food.
3. Wipe the refrigerator clean.
   - It is the best if smudges are wiped off immediately. It is also recommended to clean the areas of the refrigerator not clearly in view once a year.
   - Use a soft cloth moistened with lukewarm water to wipe of smudges.
     For smudges which are difficult to remove, use diluted neutral washing liquid.
   - Neatly clean the door gasket because it gets dirty easily.
4. If any droplets remain on the surface of the parts that have been washed, wipe them.
5. Return all parts to their original locations.
6. Inspect and clean the power plug, cord and outlet.
7. Plug the power cord into the outlet.



Caution
- Do not use the following items which damage parts and painting : Polishing powder, soap powder, oil, boiling water, brush, acid, benzine, thinner, alcohol and alkaline detergent, etc.
- If the cooking oil smears on the refrigerator, please wipe it off. (The plastic parts might be cracked).

Warning Do not splash water into the doors and refrigerator body.
- It may cause electric shock or fire.
- It may cause refrigerant leakage because of pipe rust.
- It may result in rusty door surface.

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.

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

Troubleshooting

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

The refrigerator does not get cold at all.	● Is the refrigerator plugged in properly?	● Check the fuse box for blown fuse or tripped circuit breaker.
The refrigerator does not get cold enough.	● Is the refrigerator placed in the direct sunlight? ● Is the temperature set to "Cold"? ● Is the food stored too much? ● Is the door being slightly opened ?	● Is the refrigerator placed near heat sources? ● Has anything hot been placed in the refrigerator? ● Is the door being opened and closed too frequently?
Food in the refrigerator compartment freezes.	● Is the temperature set to "Coldest"? ● 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.	
Dew appears. Outside	● When the ambient humidity is too high, the door gasket may have dew. Please wipe it up with dry cloth.	
Dew appears. Inside	Please wipe it off with dry cloth and please check the details below. ● Is the door closed firmly? ● Is the door being opened and closed too frequently or opened for a long time?	● Is it too humid outside?
The inside is smelling.	● Do you store food with odor without wrapping it?	
The refrigerator is noisy.	● Make sure the refrigerator is installed firmly.	● Is the refrigerator touching the wall?

The Control Panel does not respond:

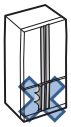
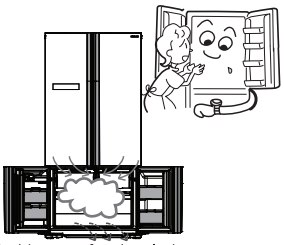
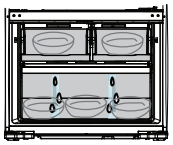
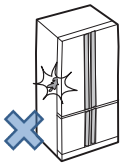
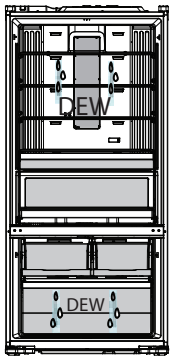
The Control Panel does not respond:	● Is "Child Lock" selected by using the lock function on the panel for operation? ● Is Refrigerator the compartment Door open? Operate after closing it. ● Are you wearing gloves or applying a plaster? Touch directly with your finger.	● Is there water or dirt on the Control Panel? ● Are you touching a next button? Touch only one button at a time
The Control Panel is unlit.	● Approximately 30 seconds after the end of operation, Indicator LED become unlit (except ECO LED or Dual Fan LED)	

This is not a malfunction of the refrigerator.

The surface of the refrigerator is hot.	● 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.
If a door is shut, other doors may open.	● The two compartments are connected with an air duct. When closing one of the doors, the door may be opened by the air pressure through the duct. This is a normal phenomenon.
Does the refrigerator make any abnormal noises (sound)?	● The sound like water flowing and boiling water is the sound of the cooling liquid (refrigerant). ● A creaking sound comes from the storage compartment. It is the sound caused by friction of the parts due to temperature change.
There are waving and/or distortions on the door surface, the side and the top surface of the refrigerator.	● 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.

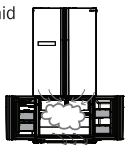
Dew or Frost is generated

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?	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. 
	The door of the freezer 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 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. 
	Making extra ice by using an additional ice-tray which was not originally installed in the refrigerator?	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. 
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 a failure.Please try not to open the door too many times or for a long time. Also, please wipe off the dew in the refrigerator compartment with a dry 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 wrap your vegetables in a plastic film. 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 the 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 may 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

- When you request repair, please check the refrigerator well according to Trouble shooting on page 9-10. When still abnormal, Please contact the retailers or local Hitachi service center.

Service Center

Hitachi Australia Pty Ltd.
Locked Bag 2052, North Ryde NSW 1670
Email: custserv@hitachi.com.au
Phone no.: 1800 HITACHI
1800 4482244
Web: www.hitachi.com.au
Monday to Friday business hours 9am – 5pm (AEST)

- Telephone numbers are subject to change without notice.

About Non-fluorocarbon refrigerator.

- This refrigerator, include 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 being sealed up by the refrigerate circuit, and never leak by usual use. In case of the refrigerate circuit damage by any chance. Please avoid the use of fire and electric product, open the window and ventilate. Afterwards, please contact Hitachi Service Center.

Severe 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 from 8 years and 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.

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