

Haier

Refrigerator User's Manual

Model No.:
HRB-738GG
HRB-738SS
HRB-738BG



(Refer to physical product for appearance,
color and pattern)

Illustrated is HRB--738GG

- Read through this Manual before use.
- Haier reserves the rights in connection with all interpretations to this Manual.
- Refer to physical product for appearance.
- Preserve this Manual together with purchase evidence properly.
- No notice will be issued for any upgrades of technologies or software adopted for these products.



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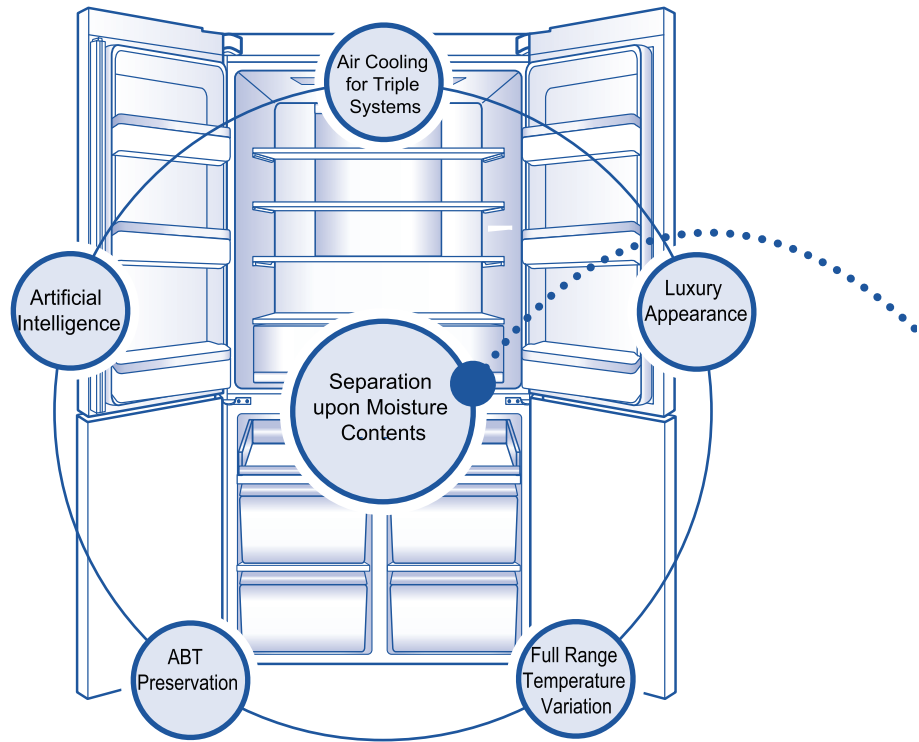
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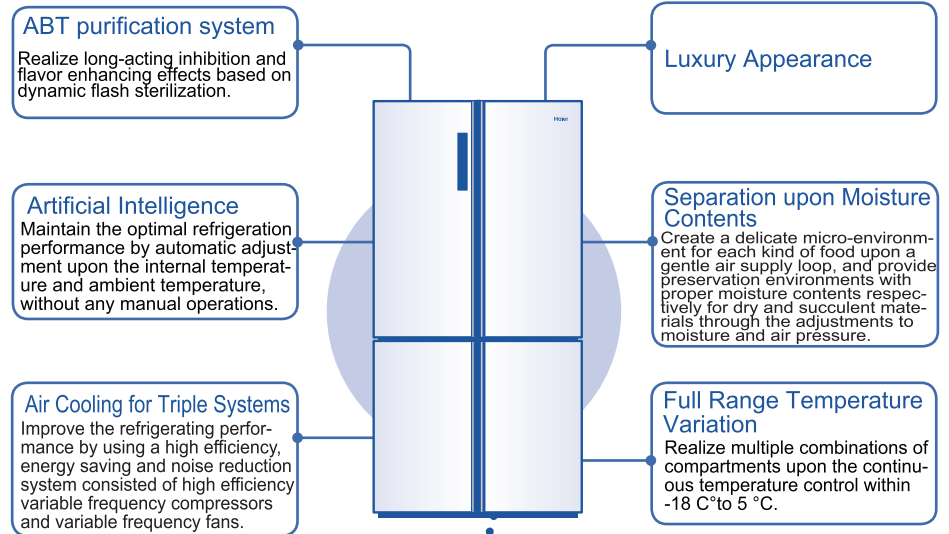
Manufacturers Code: 14054



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HRB-738GG, HRB-738SS/BG is Model Numbers for Household Refrigerators. Read through this Manual for the purposes of using these products in a safe and comfortable way. Read and understand all Notes, Precautions and Warnings before use for the sake of safe operation.

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Technical Data & Packing List

You understand that, for the purposes of improving the structure and functions of this product, Haier may from time to time make any changes at Haier's discretion to any components or parts of this product without any prior notices to any clients or users.

Ratings

Model	HRB-738GG	HRB-738SS	HRB-738BG
Electrical-voltage/frequency	220-240V 50Hz	220-240V 50Hz	220-240V 50Hz
Climate	T	T	T
Freezer compartment star rating	*/***	*/***	*/***
Refrigerant	R600a 68g	R600a 68g	R600a 68g
Total gross capacity	712 litres	712 litres	712 litres
Gross capacity-refrigerator compartment	476 litres	476 litres	476 litres
Gross capacity-freezer compartment	118 litres	118 litres	118 litres
Gross capacity-two star (My zone)	118 litres	118 litres	118 litres
Dimension	908*738*1900	908*750*1900	908*738*1900

Name	Quantity															
	User's Manual	Adjustable Foot	Freezing Chamber Drawer	Freezing Chamber Tray	Crisper Drawer	Dried Food Drawer	Refrigerating Chamber Shelves	Moisture Retaining Cover Plate	Bottle Rack	Manual Ice Maker	Adjustable Spacer	Variable Chamber Tray	Variable Chamber Drawer	Refrigerating Chamber Tray	Large Refrigerating Chamber Drawer	
Model No.	HRB-738GG/SS/BG	1	2	2	1	1	1	3	1	6	1	3	1	2	0	0

Q6 : About bad odors

Problems	There is a bad odor in the Refrigerator.
Causes	a. The food gives out this odor is not sealed. b. The food gives out this odor is deteriorating. c. The internal surfaces of Refrigerator need cleaning.
Resolutions	a. Wrap and seal the food gives out an odor. b. Clean all deteriorated food. c. Cleaning the Refrigerator according to the instructions in the Section "Cleaning of Refrigerator".

Q7 : About the shroud temperature of Refrigerator

Problems	The Shroud of Refrigerator may heat from time to time, in particular, after the first startup.
Causes	This is a design for preventing condensation other than a fault or defect.
Resolutions	Don't worry about it for this is a normal phenomenon.

Q8 : About the normal sounds of Refrigerator

Problems	Loud startup sound.
Causes	The Refrigerator has not reached the stable operation after the power is resupplied.
Resolutions	The sound will get smaller after a while.

Problems	Sounds like "Da ~ Da ~" during startup.
Causes	Regular sounds given out by the Compressor during its normal operation.
Resolutions	Don't worry about it for this is a normal phenomenon.

Problems	Sounds like "Pa ~ Pa ~" during operation.
Causes	Sounds from the Evaporator or Pipeline resulting from the thermal expansion effect.
Resolutions	Don't worry about it for this is a normal phenomenon.

Problems	Slight blowing sounds during operation.
Causes	Sounds from working fans during the normal operation of Refrigerator.
Resolutions	Don't worry about it for this is a normal phenomenon.

Problems	Water flowing sounds during operation.
Causes	Sounds from the refrigerating liquid flowing within the Evaporator or Compressor during or after the normal operation of Refrigerator.
Resolutions	Don't worry about it for this is a normal phenomenon.

Problems	Slight hisses or sizzles during operation.
Causes	Sounds from water dropped on Heating Wires during Defrosting. In addition, sounds of cracking or exploding or boiling will be generated after the Defrosting, may be from the Evaporator.
Resolutions	Don't worry about it for this is a normal phenomenon.

Problems	High noise during operation.
Causes	a. Caused by uneven floor surface or unstable supports of Refrigerator. b. Generated by an external object or a wall contacting against a part of the Refrigerator.
Resolutions	a. Place the Refrigerator on an even surface and regulate until getting stable balance. b. Remain a proper space between the Refrigerator and other objects.

Safety-Related Matters

To Users:

Thanks for your selection and use of Haier products. Be sure that you have carefully read, fully understood and conduct in full accordance with all instructions marked with the following symbols in this Manual, just for the purposes of preventing any injuries or damages.



Warning May result in injuries to your body if any incorrect or improper operations.



Precaution May result in damages to your properties if any incorrect or improper operations.



Actions or operations to be prohibited.



Actions or operations to be followed.

Electrical Operation

Power Supply



AC 220V/50 Hz Power Supply is adopted for these products, but an additional 750 W or higher automatic voltage regulator is to be used for preventing damages to the Refrigerator if the voltage fluctuates within a large range, namely not within the range of 187 ~ 242 V.

Grounding



An independent and exclusive standard outlet with reliable grounding shall be used for the Refrigerator by matching its 3-pin plug including the grounding pin, which shall never be removed or disconnected with the grounding wire in any circumstances.

Power Cord & Plug



The Power Plug shall tightly and reliably contact with the Outlet, or otherwise a fire may be caused!



Never make the Power Cord exposed to any pressure or load from the Refrigerator or a person, or any squeeze resulting from any attempts to move the Refrigerator against a wall.
Never detach the Power Plug by pulling the Power Cord. It is recommended to pull off the Power Plug by holding it tightly. The Power Plug shall be pulled off completely before conducting any cleaning, maintenance or replacement to a faulted illumination device, in order to avoid any electric shocks.
Never use a damaged or worn Power Plug or Power Cord, which shall be replaced at a designated service center.



Exposure to Leakage of Inflammable Gas





Never detach/attach the Power Plug or connect/disconnect any other electric components of the Refrigerator. It is recommended to close/shut off the main valve immediately to stop the leakage and then open the door/window.

Regular Use

Preservation



-  According to Standards, these Household Refrigerators shall be only used for preserving or storing food shall not be used for any other purposes, including but not limited to storing blood, drugs or biological products.
 -  Prohibit storing any hazardous products/materials, including but not limited to inflammable, explosive, corrosive products/materials. Never touch, especially by a wet hand, the cold surface of the Freezing Chamber, to prevent skin from bonding with the cold surface.
- The Refrigerator's Door shall be opened/closed by holding on the Handle. Never access to any gaps between the Body and Door of Refrigerator to avoid any potential injuries by squeezing. Keep kids away from the Refrigerator when open/close the Door to avoid any potential collision. Never place any beer or drink bottles into the Freezing Chamber to avoid any frost-cracking effects.

Ambient Conditions



-  The location of a Refrigerator shall be far way from any heat sources and direct sunlight, to avoid any impairment to its performance. It is preferred to place the Refrigerator in a well ventilated space, with a clearance in 10 cm or more remained respectively for the back and each side of the Refrigerator.
-  Never place the Refrigerator in space subject to high moisture or water drops. Any water drops or other contaminations shall be wiped off by a soft cloth to prevent rusting or any impairment to the electrical insulation. In consideration of safety, it is suggested to keep the platform of Refrigerator clear of any outlets, voltage regulators, microwave ovens or other electrical devices. Unless a proper model is recommended for this purpose, no electric device shall be used inside the Refrigerator, to avoid Electro Magnetic Interference or other accidents. The top of Refrigerator shall be free of any unstable/insecure articles (e.g. heavy items, liquid containers, etc.), to avoid injuries from falling or electric leakage caused by spilling. Never store or use gasoline or any other inflammable products / materials in the vicinity of the Refrigerator, to avoid any fire disasters.

Regular Maintenance

Cleaning

-  Never use water to spray on or flush the Refrigerator. Never place the Refrigerator in space subject to high moisture or water drops, to avoid rusting or any impairment to the electrical insulation.
-  In case of power failure or for the purpose of cleaning, the Power Plug shall be pulled off, and shall be plugged in again after at least 5 min, to avoid any damages to the Compressor due to a restart immediately after a stop.

Maintenance & Repair

-  Never disassemble or repair or modify the Refrigerator by a person other than a designated professional.
-  **Precautions for Children:** Considering that a child may get into it for funs, an unused Refrigerator shall be disposed by removing and storing all Doors, Door Seals and Shelves in a proper place, in order to avoid any accidents resulting from such pranks. Would a child play by hanging on a Door, the Door or Refrigerator may fall down to cause injuries. An unused Refrigerator shall be kept far way from any flame sources, to avoid fire disasters.

Q1 : About operation of Refrigerator

Problems	LED failures.
Causes	a. Power supply failure. b. Defective or damaged LED.
Resolutions	a. Plug the Power Plug in the Outlet after check for the conditions of Plug, Outlet, Fuse and other components of the power supply circuit. b. Replace the defective LED according to the instructions given in the Section "Parameters and Replacement of Lamps" on Page 20.

Problems	The Refrigerator doesn't work.
Causes	a. Power supply failure. b. Low voltage of power supply.
Resolutions	a. Plug the Power Plug in the Outlet after check for the conditions of Plug, Outlet, Fuse and other components of the power supply circuit. b. Eliminate the problems within the power supply circuit by an electrician.

Q2 : About operation of Compressor

Problems	Long operation duration or high frequency of start/stop.
Causes	a. Higher internal temperatures for the first startup. b. High ambient temperature or unfavorable ventilation. c. The Door is not closed tightly or cannot be closed in place due to contacting against some food. d. The Door is opened frequently or for a long time. e. A large amount of food is loaded for refrigerating or freezing. f. The temperature value is set too low.
Resolutions	Such problems can disappear after the Compressor operates, with all Doors closed in place, for a certain period to lower the internal temperature to a balancing value. However, this certain period depends on the set temperature values, ambient temperature, door opening frequencies and load of food.

Q3 : About the internal temperature

Problems	The internal temperature is not low enough.
Causes	a. A higher temperature value is set. b. The Door is not closed in place, or opened frequently, or opened for a long time. c. The Refrigerator is within the heating/ radiating range of direct sunlight, oven, heater or other heating sources. d. Bad ventilation is caused since the side plates or back steel plate of the Refrigerator is blocked by some objects or dirt.
Resolutions	a. Set a lower temperature value according to the instructions on Page 10. b. Close all Doors in place, and let the Refrigerator runs for a certain period. c. Place the Refrigerator in a space far from any heating sources. d. Install the Refrigerator at a well ventilated place, or clean it according to the instructions given in the Section "Cleaning of Refrigerator" on Page 20.

Q4 : About sweats on the external surfaces of Refrigerator

Problems	Sweats appear on the external surfaces of Refrigerator.
Causes	High relative humidity ambient.
Resolutions	Use a soft cloth to wipe off such sweats.

Q5 : About sweats/frost on the internal surfaces of Refrigerator

Problems	Frost/ice crystals appear on food.
Causes	a. The set temperature value is too high. b. The Door is not closed tightly or cannot be closed in place due to contacting against some food. c. The Door is opened frequently or for a long time. d. The food is too close to the vent holes.
Resolutions	Close all Doors in place. Don't place any food too close to the vent holes. Don't care about the frost inside a frozen food package because this is a normal phenomenon.

Transport and Handling

1. Cut off the power of Refrigerator.
2. Take out all food from the Refrigerator.
3. Fix and secure the Storage Shelves, Drawers and all movable parts.
4. Close and secure the Doors by using adhesive tapes to avoid opening during transport or handling.



Always keep the Refrigerator in its upright direction. The angle between the Refrigerator and its upright direction shall not exceed 45 degrees during transport or handling to avoid any faults or damages caused to the Refrigerating System.



Refrigerator Not Used

For power failure

The internal temperature of Refrigerator will not be influenced within 1 ~ 2 hours after a power failure even in the summer.

Never load new food and never open any Doors as far as possible in case of power failure. If a notice is received about a future power cut or power failure, prepare and put a water tight container filled with ice at the upper spaces of Freezing Chamber.



Any temperature rises due to power failure or any other faults may shorten the preserving period of food and impair the edible quality.

Out of Service

In case of out of service for a long period, cut off the power of the Refrigerator and clean it according to the above instructions.

In case of out of service, keep all Doors open to avoid any bad odor or flavor generated from food residuals.



Resupply the power at least five minutes after cut off the power. If not necessary, never cut off the power of a Refrigerator to avoid any reverse affects caused to the Refrigerator.



Dispose a scraped Appliance as required or deliver it to a professional to dispose, other than dump it without any treatments, to avoid any impairments to the environment or other hazards.

During Vacations

In case of a long period vacation, cut off the power, take out all food, conduct defrosting and cleaning as required, and open the Doors of Refrigerator to avoid the generation of any unfavorable odor or flavor from the food residuals.

1. Cut off the power.
2. Take out all food.
3. If necessary, conduct cleaning according to the instructions given in the Section "Cleaning of Refrigerator" on Page 20

Preparation before Use

1

Remove all packages

Remove all packing materials, including the foamed plastic seats and adhesive tapes for securing accessories.

2

Check for all accessories and documents

Check the Packing List for all items listed, and contact the Seller if any inconsistencies.

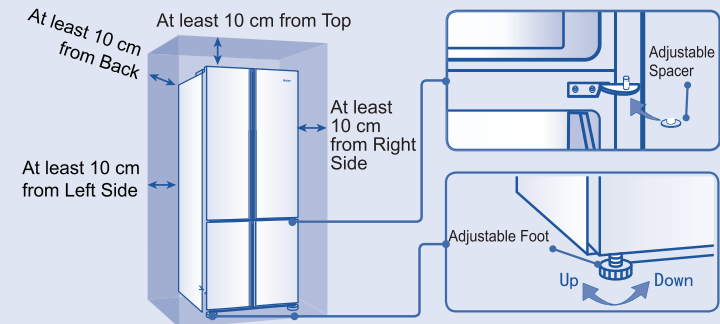
3

Place the Refrigerator at a location meeting all following conditions:

- Proper ambient temperature and humidity
- A clearance in at least 10 cm provided respectively for the back and each side of Refrigerator
- Place the Refrigerator on a flat and firm surface, or a stable, hard and nonflammable platform. A minor off-balance can be eliminated by adjusting the Adjustable Foot at the front end:

→ Turn clockwise to raise up the Refrigerator.

→ Turn counterclockwise to lower down the Refrigerator.



An Adjustable Spacer in thickness of 1 mm (provided in the Gift Bag) can be used for leveling two opposite Doors if they are slightly staggered:

- Use pliers or other tools to set an Adjustable Spacer under the white plastic ring to raise up the Door which is a little lower.
- Another Adjustable Spacer may be installed if the Doors are still not aligned. Never apply any excess forces during such installation to avoid scratching or damaging the Door Trim.



To avoid the Refrigerator falling down forwards during operation, please turn the Adjustable Foot to reliably contact the surface accepting the Refrigerator.

Never use the foamed plastic as a spacer or pad for supporting or lifting up the Refrigerator.

4

Clean before use

(Refer to the Section "Cleaning of Refrigerator" on Page 20 for more information)

5

Standing still

Following the leveling and cleaning, let the Refrigerator stand still for at least 5 hours before energized in order to insure it can operate normally.

Start to Use

1

Energize

After energized, the Refrigerator will activate the Refrigeration Function and display the actual temperatures of Refrigerating Chamber, Variable Chamber and Freezing Chamber, which are set respectively at 4 °C, -6 °C and -18 °C for this purpose, with all buttons set in unlocked status.

2

Restoration after Power Off

The parameters set for the last operation before a Power Off will be restored after Power On. (Refer to "Restoration after Power Off" on Page 12 for more information.)

3

Selection of Working Modes

One of the following Modes can be selected upon your requirements to set the parameters of Refrigerator:

1. Smart Mode:

In this Mode, the internal temperature will be automatically adjusted to the values suitable for the corresponding food preservation. It is suggested to activate the Smart Mode if there is no special requirement for preservation. (Refer to "Smart Functions" on Page 11 for details.)

2. Manual Mode:

To preserve special food, Temperature Keys are provided for setting the temperatures of Refrigerator manually.

(Refer to "To Adjust Temperature of Refrigerating Chamber", "To Adjust Temperature of Variable Chamber" and "To Adjust Temperature of Freezing Chamber" on Page 8 ~ Page 8 for detailed setting procedures.)

4

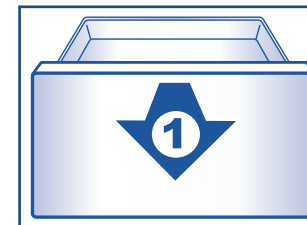
Loading Food

After the Refrigerator operates without load for a certain period and cools to the specified temperature, the prepared food can be loaded, provided that the "Quick Freezing" function shall be activated for the Freezing Chamber 12 hours before loading any fresh food (e.g. fresh meat) in a large amount.

Disassembly and Cleaning of Drawers in Freezing Chamber and Variable Chamber

Pull the Drawer out in a sloped direction after the Door is opened to an angle not less than 90 degrees.

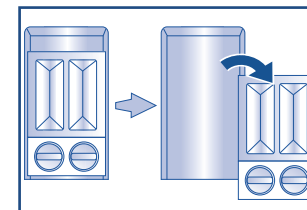
Use a soft cloth or sponge soaked with water or neutral detergent to clean the Drawer, and thereafter install it in the reverse sequence.



Disassembly and Cleaning of Semi-automatic Ice Maker

Take out the Ice Maker following its components to expose the Ice Making Box.

Use a soft cloth or sponge soaked with water or neutral detergent to clean the Ice Making Box, and thereafter install it in the reverse sequence.



Disassembly and Assembly of Doors

Contact the After Service of Haier if any such needs.

Parameters and Replacement of Freezing Chamber and Refrigerating Chamber Lamps

Top of Refrigerating Chamber: DC12V, 2×2W

Back of Refrigerating Chamber: DC12V, 1×10W

Freezing Chamber: DC12V, 1×1.8W

Variable Chamber: DC12V, 1×1.8W

These illuminating lamps are LED Lamps with low energy consumption and long service lives.

Only designated professionals are allowed to remove or replace these lamps.

If any needs to replace the lamps, please contact the After Service.

Disassembly and Cleaning of Components

Defrosting of Freezing Chamber

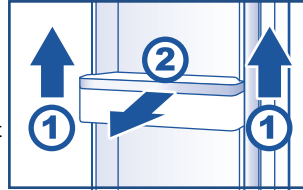
The Refrigerator can conduct the defrosting of Freezing Chamber, and there is no need for manual operation.

Warning Never adopt any mechanical or other means other than those suggested by the manufacturer to accelerate the defrosting processes.

Disassembly and Cleaning of Door-installed Bottle Racks

1. Hold both sides of a Door Bottle Rack and lift it up in the direction ① as shown.
2. Pull it out in the direction ②.

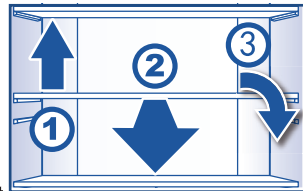
Use a soft cloth or sponge soaked with water or neutral detergent to clean the Bottle Rack, and thereafter install it in the reverse sequence.



Disassembly and Cleaning of Refrigerating Chamber Storage Shelves

1. Lift up the rear end of a Storage Shelf in the direction ① as shown.
2. Pull it out in the direction ②.
3. Rotate it in the direction ③ to the vertical position and then take it out.

Use a soft cloth or sponge soaked with water or neutral detergent to clean the Storage Shelf, and thereafter install it in the reverse sequence.

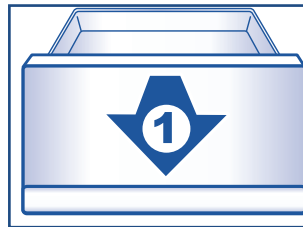


Note: open the Door to its largest angle before remove the Storage Shelf to avoid collision or failure of taking it out.

Disassembly and Cleaning of Crisper Drawers and Dried Food Drawers

Open the Door of Refrigerating Chamber to the largest angle, and pull out the Drawer in a sloped direction.

Use a soft cloth or sponge soaked with water or neutral detergent to clean the Drawer, and thereafter install it in the reverse sequence.



Disassembly and Cleaning of Moisture Retaining Cover Plate

Pull out the Cover Plate after take out the Crisper Drawer when the Door of Refrigerating Chamber is opened to the largest angle.

Use a soft cloth or sponge soaked with water or neutral detergent to clean the Cover Plate, as well as the moisture retaining films, and thereafter install it in the reverse sequence.

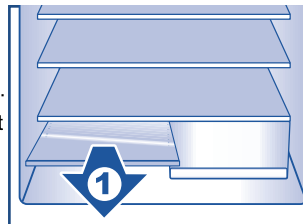
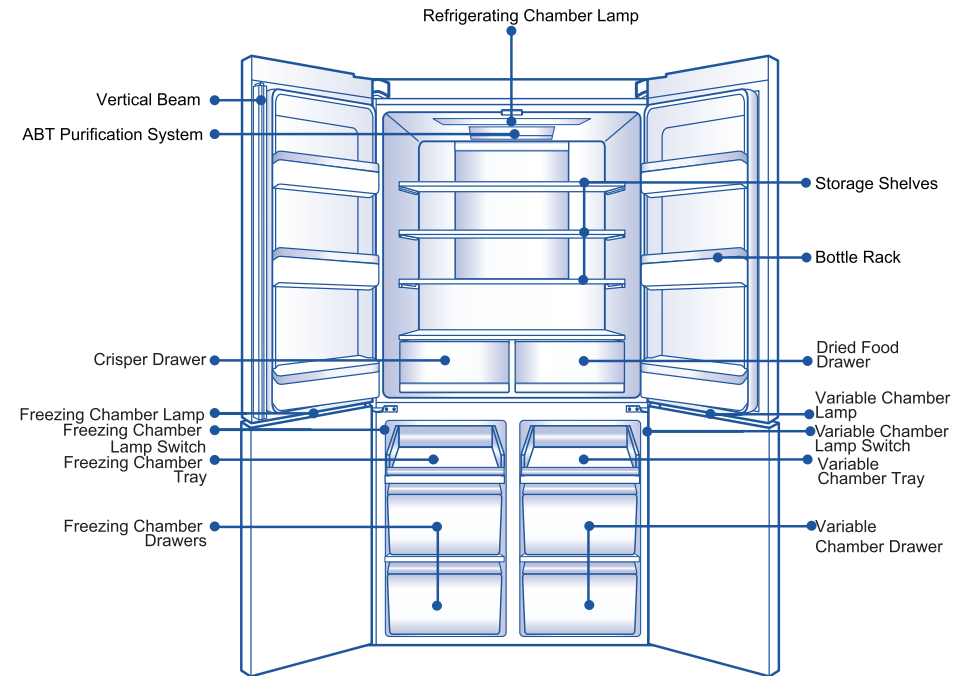


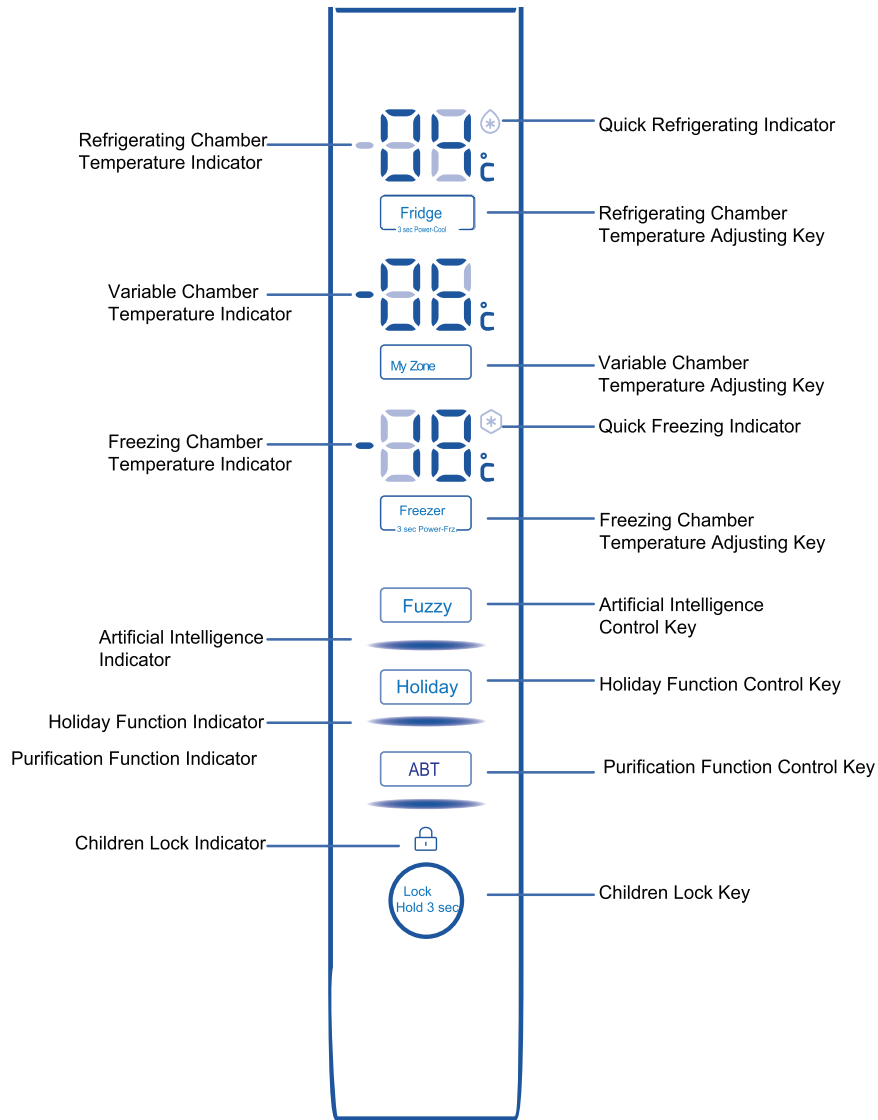
Illustration for Components

Illustration for Components



Main Features and Functions

Display



The layout of Display is subject to the physical product.

Regular Maintenance and Service

Cleaning of Refrigerator

Clean the Refrigerator regularly to eliminate the bad odor given out by food residuals.

Steps for Cleaning:

1. Insure that the Power is off.
2. Use a soft cloth or sponge soaked with water or neutral detergent to clean the Refrigerator.
3. Wipe off all liquid on the surfaces with dry cloth.
4. Clean the dust from the side walls and back wall.
5. If required, energize after the completion of cleaning.

Notes: periodically clean the Door Seal Strips which are easily contaminated. A clean Door Seal Strip can provide better sealing effects to avoid unnecessary energy consumption.

Warning

Never use water to spray on or flush the Refrigerator to avoid any potential electric shocks.

Use a dry cloth to clean the Switches, LEDs and other electric or electronic parts.

Precaution

To avoid damages to the Refrigerator, never use any of the followings:

1. Acid or alkali cleaning agents;
2. Abrasive materials;
3. Benzene, cinnamon, alcohol, acids, oil, etc.;
4. Rigid brushes, abrasive sponges, etc.; or
5. Hot water.

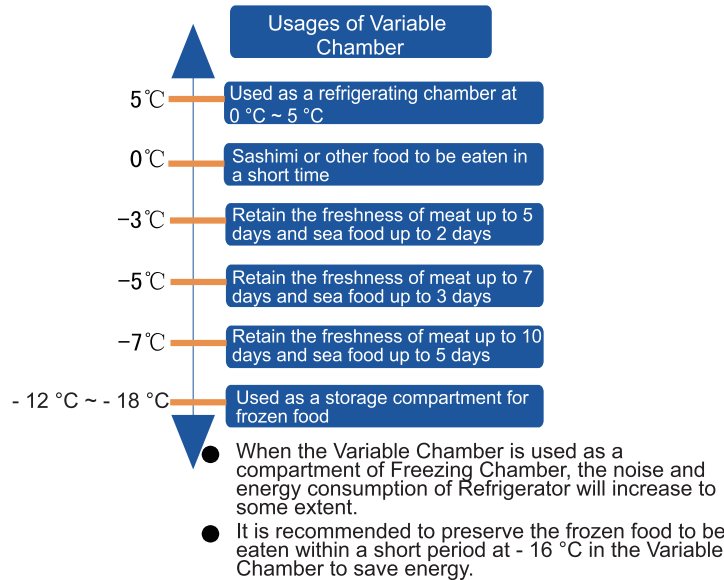
Take proper measures to protect the floor surface when move, clean or repair the Refrigerator because it is a heavy object. Keep the Refrigerator upright and never move it by swinging it during any handling operations

As for cleaning, never use hot water to clean any Storage Shelves made of glass to avoid injuries or damages resulting from the cracking of glass.

Never touch any surfaces inside the Freezing Chamber with a wet hand to avoid bonding the skin with the surfaces. Never clean the floor surface under the Refrigerator directly by hands, and move the Refrigerator away if it is necessary to clean.

Instructions to Variable Chamber

A Control Panel is provided on the Display for regulating the temperature of Variable Chamber within -18 °C ~ 5 °C according to the preservation requirements.



Instructions Related to Energy Saving

- Install the Refrigerator at a cool and well ventilated space far from heating sources or direct sunlight.
- Minimize the opening durations and frequencies of Doors, by loading food in a proper sequence to reduce the opening duration.
- Wrap or cover the food before load.
- Cool the hot food or drink before load.
- Unfreeze food in the Refrigerating Chamber to utilize the low temperature of such frozen food to cool other food in the Refrigerating Chamber.
- Never load food improperly to block the circulation of cooling air inside the Refrigerator.
- A lower temperature value set means a higher energy consumption, so that a higher temperature value shall be selected for properly preserving the food.

1. To energize for the first time

After the Refrigerator is connected to the Power Supply, the Display will be illuminated to automatically set the Refrigerating Temperature at 4 °C, Variable Temperature at -6 °C and Freezing Temperature at -18 °C, with the AI Indicator illuminated.

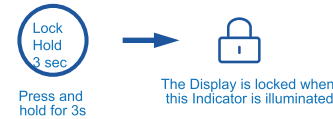
2. Display Lock/Unlock

Auto Lock:

The Display will be automatically deactivated and locked when no key is operated within 30s after the Refrigerating Chamber Door and Freezing Chamber Door are closed.

Manual Lock:

When the Display is unlocked, press and hold the Child Lock Key for 3s to lock the Display . This locking operation is successful completed when the buzzer alarms and the illumination for Child Lock Indicator is activated.



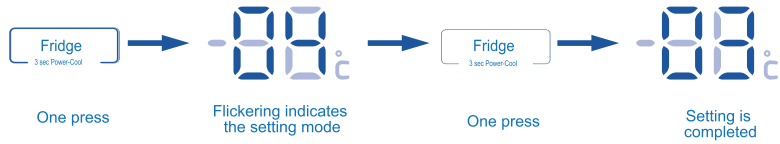
Unlock:

The Display will be illuminated in a locked mode when a Door is opened or a Key on Display is pressed. In this case, press and hold the Child Lock Key for 3s to unlock the Display. This unlocking operation is successful completed when the buzzer alarms and the illumination for Child Lock Indicator is deactivated.



3. To adjust Refrigerating Chamber Temperature

- When the Display is unlocked, the Temperature Setting Mode can be activated, represented by an alarm from the Buzzer and the flicker of Refrigerator Chamber Temperature Indicator, by pressing the Refrigerating Chamber Temperature Adjusting Key.
- Thereafter, each press on the Refrigerating Chamber Temperature Adjusting Key will decrease the temperature by 1 °C, accompanied by an alarm from the Buzzer and in such a loop: 4 °C → 3 °C → 2 °C → 1 °C → 9 °C → 8 °C → 7 °C → 6 °C → 5 °C → 4 °C.



Precaution The current value will be automatically confirmed and saved by the system if there is no key operation within 5s after a temperature value is selected.

4. To adjust Variable Chamber Temperature

1. When the Display is unlocked, the Temperature Setting Mode can be activated, represented by an alarm from the Buzzer and the flicker of Variable Chamber Temperature Indicator, by pressing the Variable Chamber Temperature Adjusting Key.
2. Thereafter, each press on the Variable Chamber Temperature Adjusting Key will decrease the temperature by 1 °C, accompanied by an alarm from the Buzzer and in such a loop: -6 °C → -7 °C → -8 °C → -9 °C → -10 °C → -11 °C → -12 °C → -13 °C → -14 °C → -15 °C → -16 °C → -17 °C → -18 °C → 5 °C → 4 °C → 3 °C → 2 °C → 1 °C → 0 °C → -1 °C → -2 °C → -3 °C → -4 °C → -5 °C →.



Precaution The current value will be automatically confirmed and saved by the system if there is no key operation within 5s after a temperature value is selected.

5. To adjust Freezing Chamber Temperature

1. When the Display unlocked, the Temperature Setting Mode can be activated, represented by an alarm from the Buzzer and the flicker of Freezing Chamber Temperature Indicator, by pressing the Freezing Chamber Temperature Adjusting Key.
2. Thereafter, each press on the Freezing Chamber Temperature Adjusting Key will decrease the temperature by 1 °C, accompanied by an alarm from the Buzzer and in such a loop: -18 °C → -19 °C → -20 °C → -21 °C → -22 °C → -23 °C → -24 °C → -15 °C → -16 °C → -17 °C → -18 °C.



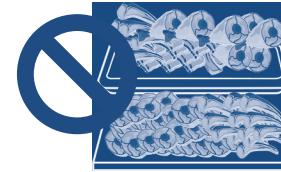
Precaution • The current value will be automatically confirmed and saved by the system if there is no key operation within 5s after a temperature value is selected.

Pack food before freezing



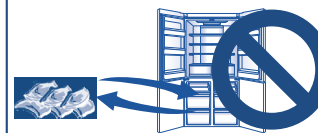
Use packages or bags with dry surfaces to avoid being frozen together. Use odorless, nontoxic, air tight, waterproof and non-polluting package or bags, to avoid taint of odor or deterioration.

Avoid overload



The fresh food loaded shall be in proper quantity within the Capacity of Refrigerator (refer to "Technical Data" on Page 32).

Avoid re-freezing



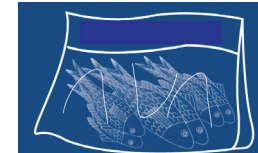
In principle, the required quantity of food is to be taken out and unfrozen, and no unfrozen food shall be frozen again, or otherwise the quality of such food will be decreased, unless some food materials are cooked and frozen again as dishes.

Never load hot food



Hot food shall be cooled to ambient temperature before loaded.

Mark packages with expiration dates



Indicate the names, load dates and expiration dates of food on the packages or bags according to the manufacturer's suggestions to avoid any expiration.

Avoid freezing liquid in bottles



Never store beer or other liquid in bottles inside the Freezing Chamber to avoid cracking.

Preserve in proper portions



To achieve easy, deep freezing and remain good quality, the food shall be divided into small and proper portions according to the required quantity for cooking, and each portion shall not exceed 2.5 kg.

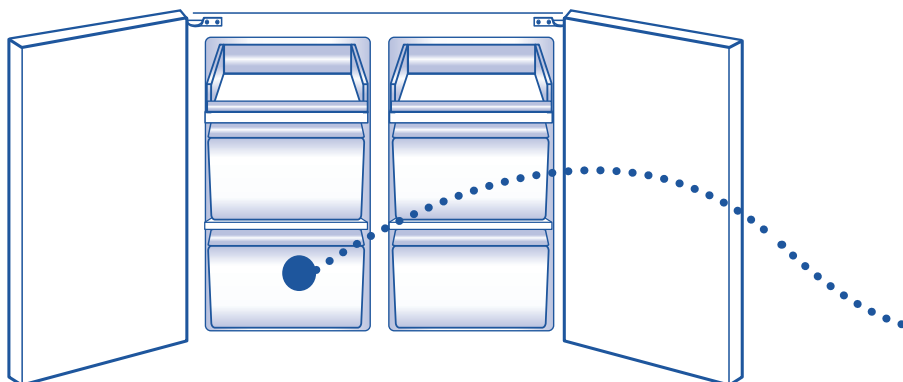
Instructions and Precautions to Freezing Chamber

Subject to the conditions indicated on packages for preservation, the food to be preserved for a long time are preferred to be loaded in the Freezing Chamber which has lower temperature suitable for remaining the freshness of food during a long period.

Warning Avoid your kids or pets to get into the Freezing Chamber after the Drawers are removed. For avoiding any injuries so caused, do not remove the Drawers if not necessary.

Precaution Store ice products (e.g. ice cream) inside the Freezing Chamber other than on / in the Bottle Racks provided on the Door to avoid unfreezing actions due to the temperature rise around the Bottle Racks during the opening of Door.

Instructions and Precautions to Frozen Food



6. Quick Refrigerating Function

1. Press and hold Refrigerating Chamber Temperature Adjusting Key for 3s to activate/deactivate the Quick Refrigerating Function.
 - The Quick Refrigerating Function is activated when the illumination for Quick Refrigerating Indicator is on.
 - The Quick Refrigerating Function is deactivated when the illumination for Quick Refrigerating Indicator is off.
2. After activated, the Quick Refrigerating Function will be automatically deactivated when the set temperature value is achieved during the operation, or manually deactivated by pressing and holding the Refrigerating Chamber Temperature Adjusting Key for 3s.



Precaution The Refrigerating Chamber Temperature cannot be changed in the Quick Refrigerating Mode.

7. Quick Freezing Function

1. Press and hold Freezing Chamber Temperature Adjusting Key for 3s to activate / deactivate the Quick Freezing Function.
 - The Quick Freezing Function is activated when the illumination for Quick Freezing Indicator is on.
 - The Quick Freezing Function is deactivated when the illumination for Quick Freezing Indicator is off.
2. After activated, the Quick Freezing Function will be automatically deactivated when the set temperature value is achieved during the operation, or manually deactivated by pressing and holding the Freezing Chamber Temperature Adjusting Key for 3s.



Precaution The Quick Freezing Function is intended for retaining the nutrition of the food by deep freezing the food within a minimum period. If a large amount of food is to be frozen at one time, it is suggested that the Variable Chamber shall be used as a Freezing Chamber after emptied and set lower than -15 °C. In addition, before load the food, the Quick Freezing Function shall be activated 12 hours ahead of schedule to lower the temperatures of both Freezing Chamber and Variable Chamber to optimal values. In this condition, the freezing processes in the Freezing Chamber and Variable Chamber will be accelerated to effectively lock the nutrition in the food and improve the preservation effects.

8. Fuzzy Function

When the Artificial Intelligence Function is activated, the Refrigerator can automatically adjust the temperature values of Refrigerating Chamber and Freezing Chamber according to the internal and ambient temperature variations.

1. When the Display is unlocked, the Fuzzy Function can be activated, represented by an alarm from the Buzzer and the activation of illumination for Fuzzy Indicator, by pressing the Fuzzy Control Key.
2. When the Fuzzy Indicator is illuminated, the Fuzzy Function can be deactivated, represented by an alarm from the Buzzer and the deactivation of illumination for Fuzzy Indicator, by pressing the Fuzzy Control Key.



⚠️ Precaution

- When the Fuzzy Function is activated, the temperature values for Refrigerating Chamber and Freezing Chamber cannot be changed. Such restriction will be highlighted through the flicker of Fuzzy Indicator if the Refrigerating Chamber Temperature Adjusting Key or Freezing Chamber Temperature Adjusting Key is pressed.
- When the Fuzzy Function is activated, the setting operation on Quick Refrigerating or Quick Freezing will automatically be deactivated, accompanied by the deactivation of illumination for Fuzzy Indicator.
- When the Fuzzy Function is activated, the temperature of Variable Chamber can be adjusted manually based on requirements.

9. Holiday Function

This Function is designed for the case that the Refrigerating Chamber will be left unused for a long period. When the Holiday Function is activated, the Freezing Chamber can operate normally, but the Refrigerating Chamber will be automatically set at 17 °C, notwithstanding that the actual temperature in the Refrigerating Chamber will not be higher than 17 °C, in order to prevent unfavorable odor occurring in the Refrigerating Chamber due to overheat in addition to save energy.

1. When the Display is unlocked, the Holiday Function will be activated, represented by an alarm from the Buzzer and the activation of illumination for the Holiday Function Indicator, by pressing the Holiday Function Control Key.
2. When the Holiday Function Indicator is illuminated, the Holiday Function can be deactivated, represented by an alarm from the Buzzer and the deactivation of illumination for the Holiday Function Indicator, by pressing the Holiday Function Control Key.



⚠️ Precaution

When the Holiday Function is activated, the temperature values of Refrigerating Chamber cannot be changed, and such restriction will be highlighted through the flicker of Holiday Function Indicator as well as a prompt tone if the Refrigerating Chamber Temperature Adjusting Key is pressed.

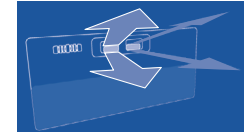
Before the Holiday Function is activated, the Refrigerating Chamber shall be emptied to avoid any deterioration of food. The AI Function or Quick Refrigerating Function cannot be activated when the Holiday Function is activated.

- ▶ Radishes and other root vegetables shall have their leaves cut off to prevent these leaves from absorbing nutrient element.
- ▶ The Egg Tray shall be selected according to the quantity of eggs and arranged at a proper position.



- ▶ Defrost or unfreeze frozen food in the Refrigerating Chamber can utilize such food to cool the internal temperature and further to save energy.
- ▶ Cucurbits, melons, bananas and pineapples are not suitable for refrigerating storage since they can accelerate metabolism in the refrigerating environment, unless for the purposes of accelerating their ripening.
- ▶ Onions, garlic, ginger, water caltrops, root vegetables and aike can be preserved at ambient temperature for a long time, and are not necessary to be preserved in the Refrigerator.
- ▶ Remove all earth from the fresh vegetables before load in the Refrigerator, to prevent any bacteria from reproducing, expanding or propagating within the Refrigerator.

Don't block the air outlets



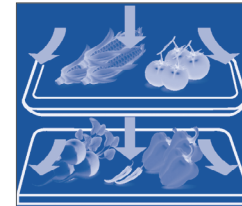
If the cooling air cannot flow out, the internal temperature will not lower down, which means the Compressor will work continuously to result in power waste.

Don't block the Temperature Sensors



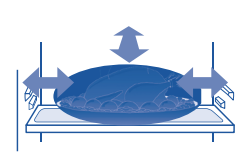
Pay attention to the Temperature Sensors as illustrated. These Sensors shall never be blocked by any food, or otherwise the Refrigerator will continuously work to cause a too low internal temperature, as well as excess energy consumption, due to the failure of detecting the internal temperature accurately.

Avoid overload



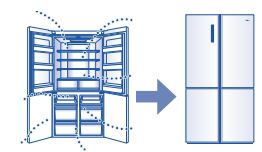
Proper spaces shall be provided among food to enable good circulation of cooling air to achieve a better refrigerating effect.

Avoid contacting with Liners



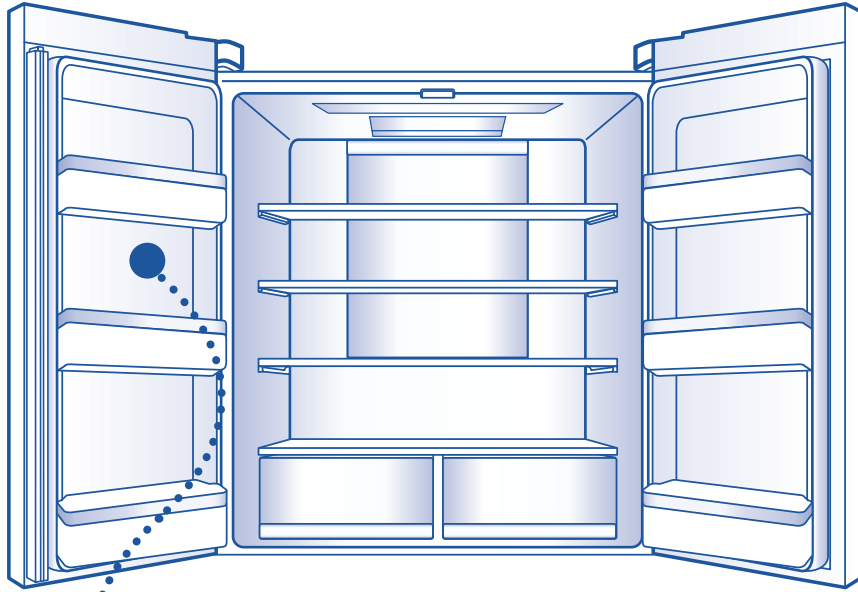
The Liners of Refrigerator will be corroded if contact with food, especially food with oil, for a long time, and, for this reason, the Liners shall be avoided to contact with the food loaded directly and shall be cleaned or wiped to remove all oil contaminations, if any.

Minimize door opening frequencies



The outflow of cooling air can be reduced to save energy by reducing the opening frequencies of Doors or reducing the angles of opened Doors.

Instructions and Precautions to Refrigerated Food

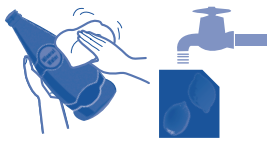


Never load any hot food



Any hot food shall be cooled to the ambient temperature before loaded in the Refrigerator. Any hot food loaded directly may cause temperature rise in the Refrigerator and may impair the freshness of other food in it.

Clean before load



It is recommended to clean the food, as well as remove all water drops, before loaded, in order to keep a good internal environment for the Refrigerator.

Sort and pack before load



By sorting and packing properly, the food or materials to be eaten or used frequently are placed at the front end of the Storage Shelves, to reduce unnecessary opening time of Doors and avoid expiration of food due to neglect.

10. Purification Function

When the Display is unlocked, the Purification Function will be activated, represented by an alarm from the Buzzer and the activation of illumination for the Purification Function Indicator, by pressing the Purification Function Key.

Manual Deactivation: within 30 min after activated and when the Purification Function Indicator is illuminated, the Purification Function can be deactivated, represented by an alarm from the Buzzer and the flicker of Purification function Indicator, by pressing the Purification Function Control Key.

Auto Deactivation: the Purification Function will be automatically deactivated after the Sterilizing Lamp is forced to serve for 30 min.



11. Door Not Closed Alarm

When a Door is opened for a long time or is not closed tightly, the Refrigerator will give out a sound like "Di ~ Di~" to remind the User to close the Door properly.

12. Energy Saving Display Control Function

The Display will be deactivated and locked if no operation on it for 30s, to save energy and will be activated and illuminated when a Key is pressed or a Door is opened.

13. Restoration Memory after Power-Off

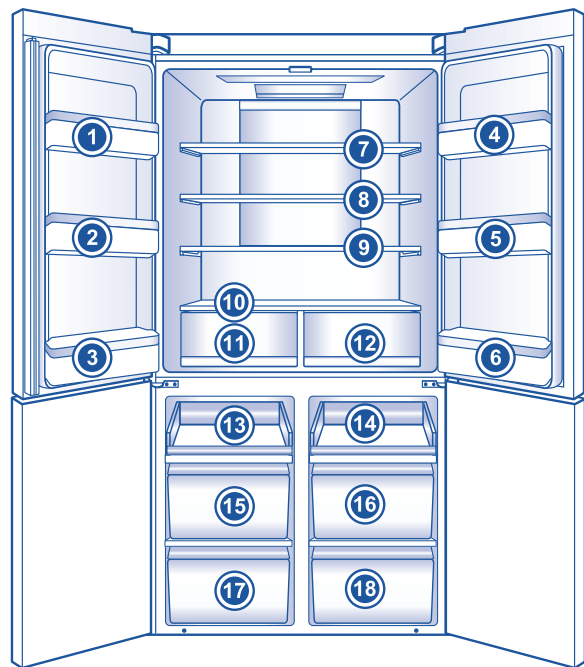
The parameters set for all temperatures and functions will be memorized immediately after the power of Refrigerator is off, and will be restored for operating when the power is on.



The settings for Child Lock Function cannot be memorized, and the Refrigerator is always stated in the Unlocked Mode after reenergized while the illumination for Child Lock Function Indicator will be deactivated during the Self Test of Display.

Removable Components

Removable/Dismountable Components



SN	Components
①	Bottle Rack (Left)
②	Bottle Rack (Left)
③	Bottle Rack (Left)
④	Bottle Rack (Right)
⑤	Bottle Rack (Right)
⑥	Bottle Rack (Right)
⑦	Storage Shelf
⑧	Storage Shelf
⑨	Storage Shelf

SN	Components
⑩	Moisture Preserving Cover Plate
⑪	Crisper Drawer
⑫	Dried Food Drawer
⑬	Freezing Chamber Tray
⑭	Variable Chamber Tray
⑮	Large Freezing Chamber Drawer
⑯	Large Variable Chamber Drawer
⑰	Freezing Chamber Drawer
⑱	Variable Chamber Drawer

Instructions and Precautions to Refrigerating Chamber

The Refrigerating Chamber is mainly used for storing the food which is to be preserved for a short time or to be eaten from time to time.

The average temperatures of the most spaces within the Refrigerating Chamber can be controlled between 0 °C and 10 °C by setting the temperature values, but the food cannot be remained fresh in a long period, and the Refrigerator Chamber is only used as a short time storage chamber.

Precaution When the ambient temperature is 0 °C ~ 10 °C in the winter, the temperature of Refrigerating Chamber is lower relatively with its bottom area around 0 °C. In this case, the vegetables and fruit shall be preserved at a higher position in the Refrigerating Chamber to avoid freezing.

The Left Door of Refrigerating Chamber will not be closed tightly when the Vertical Beam is closed in place, and this will cause internal temperature rise and alarm.

Suggested Compartments for Different Food

In consideration of the temperature differences among different compartments resulting from cooling air circulation, it is suggested to select a proper preserve compartment for each kind of food.

