

Haier

Haier Refrigerators

Model: **HFD647AS**
HFD647SS
HFD647ASS
HFD647WISS

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- Please read this User Manual carefully before use.
- Please keep this User Manual in a safe place.
- Your refrigerator could be slightly different from that illustrated herein with respect to appearance or colour.

0060506097

Dear Customer

Thank you for purchasing a Haier product.

This Haier product is of supreme quality and superior performance. Please read these instructions and follow the procedures described herein. You are enjoying the International Star Service from Haier. If you have any questions please contact the Customer Care Department as indicated on the warranty card.

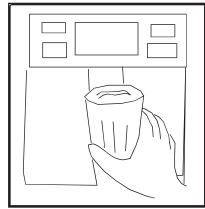
Haier – Sincere forever!

The product specifications are subject to change from time to time due to product improvement without further notice.

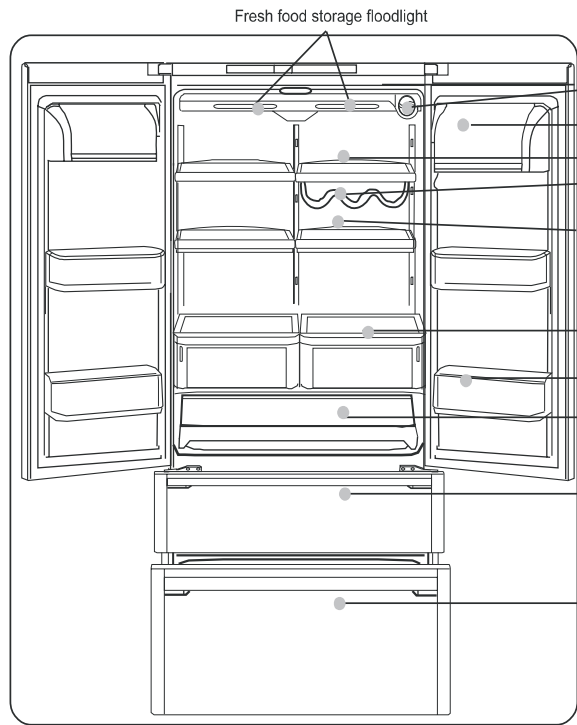
Features

- ◆ **Ice making**
A built-in automatic icemaker will produce ready-to-use ice cubes based on your preference.
- ◆ **Chill drawer for delicatessen**
The delicatessen drawer at the bottom of the refrigerator compartment is intended for storage of delicatessen within the temperature range from -2°C to +3°C.
- ◆ **Slide-out shelf for easy food access**
The refrigerator compartment is equipped with slide-out shelves for easy loading and unloading. The shelves can be removed when the door is in the right-angle position.
- ◆ **Artificial Intelligent (AI)**
The optimum refrigeration performance is secured based on the inner temperature and the ambient temperature without manual intervention.
- ◆ **Super slim, super large and super luxurious**
Compact dimensions, large capacity, spacious refrigerator compartment and freezer compartment, supreme internal and external design
- ◆ **CFC-free and frost-free deep freezing enabled by efficient air cooling system**
- ◆ **Air Curtain technology**
The air curtain located at the front end of the refrigerator compartment is intended to provide the desired food storage by preventing invasion of warm air and facilitating equal distribution of cooled air.
- ◆ **Cooling before defrosting to prevent thawing**
A pre-cooling process will be activated based on the inner temperature measured to avoid the adverse impact of temperature rise on food stored in the refrigerator.
- ◆ **Optimized refrigeration performance and long service life of compressor enabled by efficient condenser unit and fan motor**
- ◆ **Door-open alarm, touch button and large-screen LCD display**
- ◆ **Vitamin C technology for fresh food storage**
The Vitamin C technology effectively keeps the food fresh for a longer period of time while eliminating the unpleasant odor.
- ◆ **Smooth and effortless drawer slideway**

Names of parts



Water dispenser



Fresh food storage floodlight

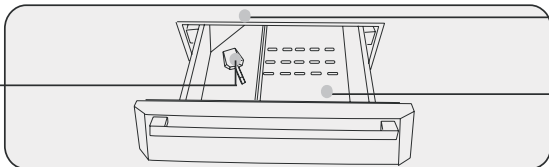
Fresh Food Section

- Vitamin C
- Diary compartment
- Diary product stored here
- Wine/bottle rack
- Glide shelf
- Meat, fruit and vegetable crispers
- Gallon door bin
- Full width pantry

Icemaker, freezer drawer

Deep freeze lower drawer

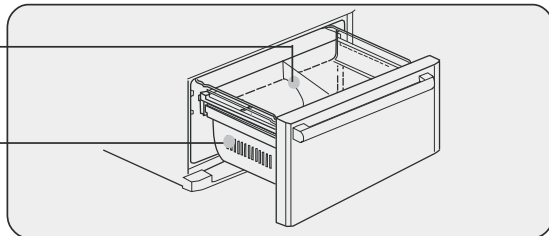
Freezer Section



Ice spoon

Icemaker

Ice or frozen food section



Drawer divider

Deep freezer lower drawer



When reviewing this manual for your features some models may differ in appearance from what is shown in the manual.

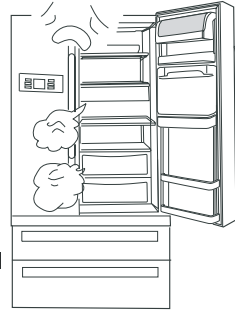
Note

After-sale Service

Before calling for service, check the following points to see if you can solve the problems yourself.

Compressor operates for long periods or cycles on and off frequently.

- It's normal when refrigerator is first plugged in.
- A large amount of food is placed in the refrigerator for storage or freezing.
- Door is left open or held open by food package.
- It is hot weather.
- Door is opened frequently.
- Temperature is set at a warmer setting. See the Initial Use section
- Poor ventilation



Frost or ice crystals form on food.

- Frost within package is normal.
- Door is left open or held open by food package.
- Door is opened frequently or kept open too long.
- Food is placed near the vent.

Unpleasant odor




- Food with strong odors should be tightly wrapped.
- Food has deteriorated.
- Compartments need cleaning.




Safety Alert Symbols

Dear Customer

Thank you for purchasing a Haier product. For better understanding of this user manual and safe use of the product, please ensure the safe symbols are observed:

 Prohibition	A Prohibition symbol indicates behaviors that are likely to cause product damage or personal injury and therefore are prohibited.
 Warning	A Warning symbol indicates information related to product safety and personal injury, and instructions following this symbol should be immediately observed.
 Caution	A Caution system indicates information related to product safety and personal injury and instructions following this symbol should be observed.

 This appliances 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. Children should be supervised to ensure that they do not play with the appliance.

Warranty



Letter of Warranty: Keep the Letter of Warranty in a safe place. When calling for service, it's necessary to present your Letter of Warranty and the Invoice.

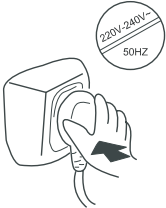

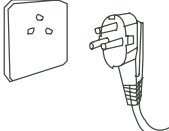



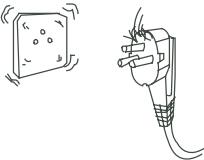

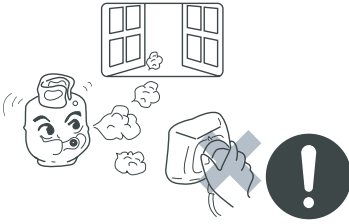



Packing List

Packing List

Quantity	Name	Letter of Warranty User Manual	Leg	Bottom trim	Handle	Freezer divider	Freezer drawer	Ice bin	Drip tray	Wine shelf	Movable shelf	Refrigerator shelf	Delicatessen drawer	Crisper cover	Crisper	Dairy bin	Gallon bin	Handle fastener	Front cover of delicatessen drawer	Ice spoon	water filter
Model																					
HFD647																					
	1	2	1	4	1	1	1	1	1	2	2	1	1	2	2	4	8	1	1	1	


NOTE: The product specifications are subject to change from time to time due to product improvement without further notice.






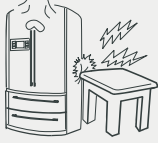




Safety Precautions

<p>Power supply: AC 220V-240V/50HZ</p>  	<p>The appliance must be plugged into a dedicated outlet that is securely grounded. The power cord of this appliance is fitted with the three-prong plug (grounded) that complies with the standard three-prong outlet (grounded). Never cut off or remove the third prong. The refrigerator should be located so that the plug is accessible. WARNING! The plug should be securely connected to the socket or otherwise fire hazard may arise.</p>  
<p>Be careful not to damage the power cord. Always pull at the plug rather than the cord itself to disconnect the appliance from the outlet. Place the power cord in a way to eliminate the risk of damage caused by the weight of refrigerator. Be careful not to damage the power cord when moving the appliance away from the wall.</p>  	<p>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.</p>  
<p>When there is a gas leakage in the house Shut off the gas valve. Open the doors and windows for ventilation. Do not plug or unplug the refrigerator or other electric appliances.</p>  	<p>Always remember to unplug the appliance in the following cases: Unplug the appliance before cleaning and repair. Unplug the appliance before replacing the old light bulb to prevent electric shock.</p>  

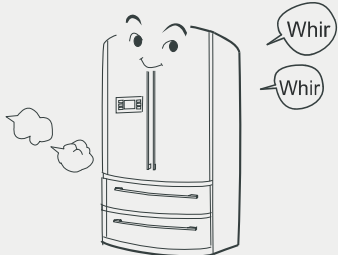

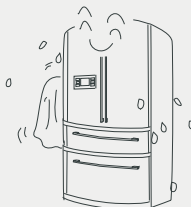
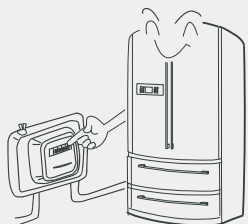
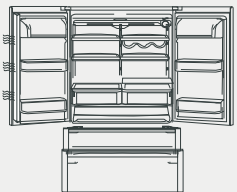
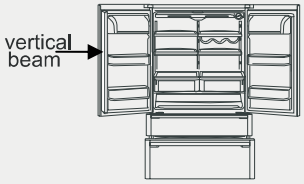
After-sale Service

When calling for service, provide the model number, list of accessories and the serial number (described in the nameplate of the product).


 Before calling for services, check the following points to see if you can solve the problems yourself.

<p>Refrigerator does not work.</p>   <p>Refrigerator is not connected to the power supply (plug, outlet and fuse) or the power control is set to OFF.</p> <p>Voltage is too low.</p>	
<p>Interior light does not work.</p>   <p>Light bulb has burned out.</p> <p>Refrigerator is not connected to the power supply.</p>	<p>Unusual noise</p>   <p>Refrigerator is not level.</p> <p>Refrigerator rubs against the wall or furniture.</p>
<p>Compartments are warmer than expected.</p>     <p>Door is not closed properly, opened frequently or kept open too long.</p> <p>Temperature is set a warmer setting. (See the Functions section from Page 16 to Page 18.)</p> <p>The appliance is exposed to direct sunshine or placed near a stove or radiator.</p> <p>Poor ventilation. Check if the heat radiation unit on the rear is blocked.</p>	

Troubleshooting Tips

<p>It's normal that there is a noise of fan spinning during operation.</p> 	<p>Expansion and contraction of the evaporator and refrigerating coils due to temperature change can cause a cracking or popping sound.</p> 
<p>Moisture may form on the outside of refrigerator and between the doors during periods of high humidity.</p> 	<p>The rated power consumption specified in the Technical Data sheet is measured during a period of 24 hours under stable operation at an ambient temperature of 25°C with the refrigerator and freezer maintained at 5°C and -18°C respectively. The actual power consumption depends on the amount of fresh food stored in the refrigerator.</p> 
<p>It's normal that the vertical beam on the left door of the refrigerator compartment gets warm after the refrigerator has operated long cycles. The vertical beam contains a heating element to prevent condensation.</p> 	<p>When closing the left door of the refrigerator compartment, make sure the vertical beam is in the right place (as shown below). Otherwise the door is not closed properly and the inner temperature may rise and finally cause an alarm.</p> 

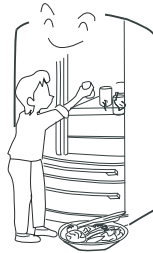
Safety Precautions

<p>Never store inflammable or explosive items and strong corrosive acids or alkalis in the appliance.</p> 	<p>This appliance is a household refrigerator, which is produced in accordance with the specification of national standard. It is intended for food storage only, not for storage of blood, medicine and biological products.</p> 
<p>To prevent risk of fire, keep the appliance away from gasoline or any other inflammables.</p> 	<p>To prevent risk of electromagnetic interference or other accidents, do not place any patch panel, voltage stabilizer and microwave oven on top of the refrigerator or use any electric appliance (unless recommended by the manufacturer) inside the refrigerator.</p> 
<p>Children are not allowed to play with the door or the bottle racks. Serious injury may occur. Do not walk on the door or the cabinet when loading and unloading the refrigerator. Do not sit on the drawers.</p> 	<p>The internal surface of freezer compartment is very cold when the appliance is running. Do not touch the surface especially when hands are wet.</p> 

Vacation

When leaving for a vacation

If you are leaving for a long vacation, and it's necessary to shut off the power, take out all of the foods, defrost and clean the appliance. Dry the appliance and leave the door open to prevent odors



WARNING

A discarded appliance must be disposed by professional personnel, or otherwise may have an undesired impact on the environment or give rise to other hazards.

When moving your refrigerator

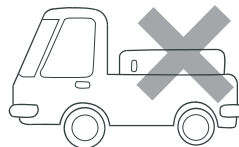
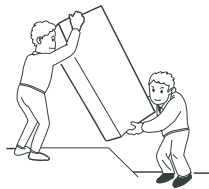
Unplug the appliance before transportation.

Take out foods from the appliance.

Fix the shelves in refrigerator, crisper and shelves in freezer in position with adhesive tapes.

Keep the door closed during transportation with adhesive tapes.

When moving the refrigerator, it cannot be tilted over 45 degrees (the angle to the vertical direction). Otherwise it may cause the risk of malfunction of the refrigeration system.



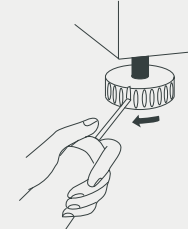
WARNING

Keep the refrigerator upright .

Location

Levelling

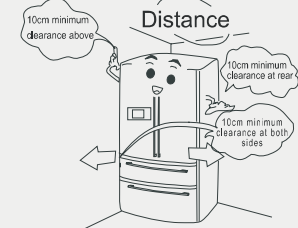
The appliance should stand firmly on a solid floor. To support it, use firm and solid pads that are not inflammable. Never use the packaging materials for support. Level the appliance with the adjustable legs whenever necessary. Turn clockwise to raise the refrigerator, and anticlockwise to lower it.



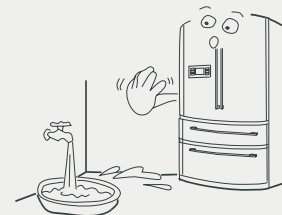
Do not expose the appliance to direct sunlight or heat source.



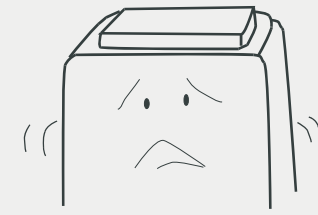
The appliance should be placed in a well ventilated room. 10cm minimum clearance at both sides and at rear surface is required.



Do not expose the appliance to rain and moisture. Keep the appliance dry and clean to prevent rust and deterioration of electric insulation.



To prevent risk of injury and accident, do not place heavy loads and water containers on top of the refrigerator.



Safety Precautions

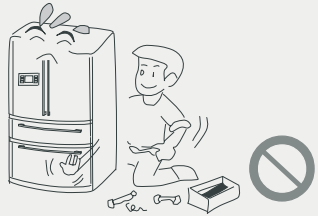
Hold the door handle when opening and closing the door. The gap between the doors and the cabinet are very small. Make sure figures do not get stuck. Always keep children away when a door is opened or closed.



Do not splash water onto the refrigerator. Keep away from high humidity that may have adverse effect on the electric insulation performance.



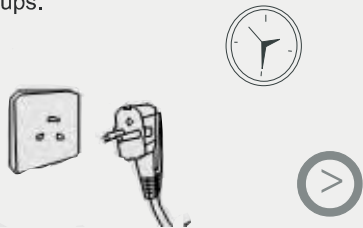
No dismantlement or modification can be made without authorization. Damage to refrigeration system is strictly prohibited. Repair must be carried out by authorized personnel.



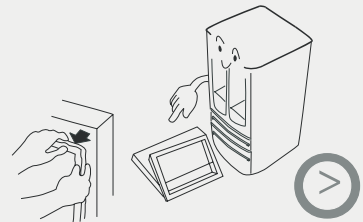
Bottled beer or beverage should not be stored in the freezer compartment – risk of explosion.



Unplug the appliance in the event of power interruption or cleaning. The appliance can be plugged again only after an interval of at least 5 minutes to prevent damage to the compressor caused by frequent startups.

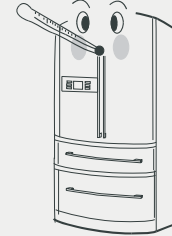


Please remove the door, door seal and shelves before disposal of the old appliance and put them away in a safe place to prevent children from being trapped.

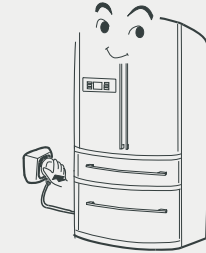


Troubleshooting Tips

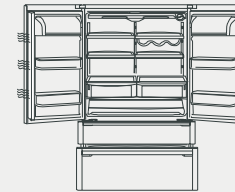
It's normal that when the refrigerator is first plugged in, the compressor operates for long periods or cycles on and off frequently. It would take a longer time for the inner temperature to reach the desired value.



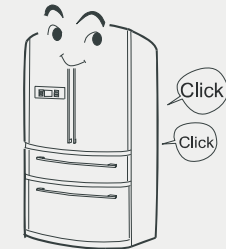
It's normal that the refrigerator is humming when first plugged in or started up. The sound will fade away when the refrigerator is in stable operation.



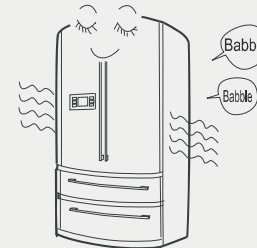
It's normal that the external surface of refrigerator gets warm, especially when first plugged in, as a result of anti-sweat design.



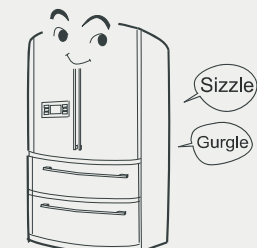
The compressor may cause a humming sound during operation and a clicking sound upon starts and stops.



The flow of refrigerant through the refrigeration coils may make a babbling noise. The noise is usually found at the evaporator and the compressor. When the compressor comes to a stop, the backflow of refrigerant will make a noise like running water from time to time or continuously.



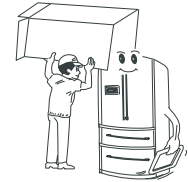
Water dropping on the defrost heater can cause a sizzling or buzzing sound during a defrost cycle. At the end of a defrost cycle, a slight popping sound may be heard, and the evaporator may make a gurgling noise like boiling noise.



Preparation

- ① Remove all packaging materials.

Foam support and adhesive tapes should be removed.

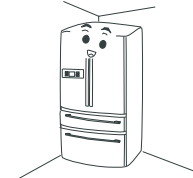


- ② Check the accessories and literature.

Check the accessories in accordance with the packing list. Any doubt, contact the dealer.



- ③ Locate the appliance in a proper position. See "Location".

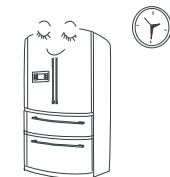


- ④ It is recommended to clean the appliance before operation.



- ⑤ Standstill

To ensure normal operation, allow the appliance to stand still for 6 hours or longer after installation and cleaning.





Note

Please write down the model number and serial number in Letter of Warranty for later reference.

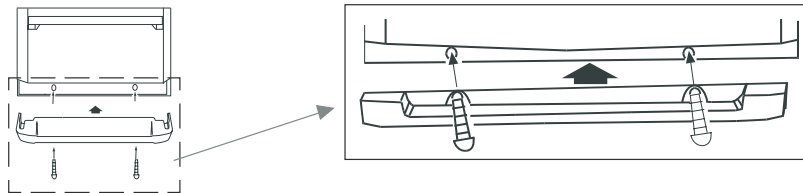
⑥ Installing Bottom Trim

Open the door of refrigerator compartment and take out the bottom trim. Fasten it to the bottom of refrigerator with screws as illustrated.



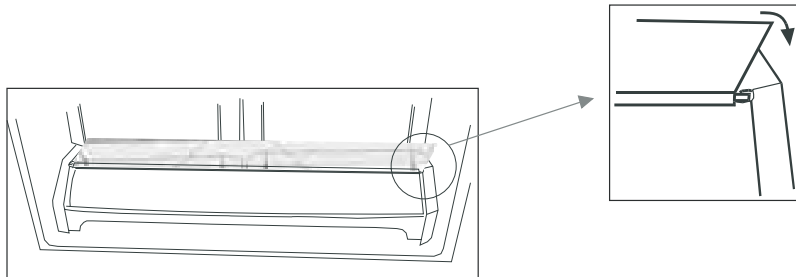
NOTE

Wear a pair of gloves to protect your hands when removing or installing the bottom trim and adjustable legs of the refrigerator.



⑦ Installing front cover of delicatessen drawer

Open the door of refrigerator compartment. Take out the front cover of delicatessen drawer from the crisper cover. Then place the rotary shaft at both ends of the drawer into the supporting slot of the slide guide, and turn the front cover of delicatessen drawer down.

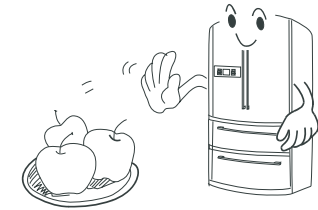


Vacation

■ Power failure

Food can be stored well for several hours in the event of power failure even if it is in summer.

- Do not add foods to the appliance and keep the doors closed as far as possible when there is a power failure.
- If a power failure is announced beforehand, make some extra ice cubes and hold them in a leak-proof container. Place the container on the top shelf in the refrigerator compartment.



NOTE

Temperature rise in the freezer due to power interruption or other faults may shorten the shelf life and have an adverse effect on food quality.

■ Stopping Use

Please unplug the appliance and clean it as described on the previous page if the appliance will not be used for a long period of time. Keep the door open to prevent unpleasant odors caused by food residues.



NOTE

To ensure a long service life, do not stop the appliance frequently.



NOTE

After unplugging the appliance, wait 5 minutes at least before connecting it to the power supply again.

Defrosting • Cleaning

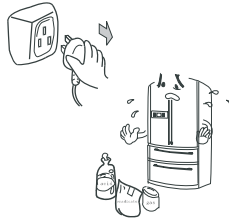
Defrosting Freezer Compartment

The defrost cycle of the freezer compartment is automatic and no manual operation is needed.

Cleaning

Clean the inner compartments to get rid of food residues and eliminate unpleasant odors.

- Unplug the appliance before cleaning.
- Use a cloth or sponge to wash the inner compartments with lukewarm water and mild detergent.
- Dry the external surface with a dry cloth.



- ① The appliance is heavy. Protect the finish of flooring if the appliance has to be moved during cleaning and servicing.
- ② For the sake of electric insulation, do not splash water on the appliance.
- ③ To clean electric components such as switches and illuminators, make sure the appliance is not connected before cleaning with a dry cloth.
- ④ When cleaning, do not use sharp or pointed brush, hard cleansers, gasoline, amyl acetate, acetone or other organic solvents, boiling water, acid or alkali.
- ⑤ Do not touch the cold metal surface when the hands are wet.
- ⑥ When cleaning, do not use hot water to clean glass shelves. Glass may get broken due to thermal shock and cause injury and property loss.
- ⑦ Clean the door seal from time to time.
- ⑧ Never use amyl acetate to get rid of any unpleasant odor. Due to the risk of fire.
- ⑨ When cleaning, use detergents intended for the refrigerator .



NOTE

- Clean the door seal from time to time.



8 Assembly of the Door Handle

Take out the door handles from the refrigerator compartment (2 longer handles to be installed on the refrigerator and 2 shorter handle to be installed on the freezer). The following instructions should be observed.

Assembly of the Refrigerator Door Handle

Please follow the instructions below when assembling the Refrigerator Door Handle:

- 1) Put the Handle Connector into the right holes on the Refrigerator Door with the help of screwdriver. (as showing by the arrow 1 of illustration 1)
- 2) Put the Refrigerator Door Handle onto the handle holder, and keep the hole of the handle holder and the handle connector to the right position of the vertical direction. (as showing by the arrow 2 of illustration 2)
- 3) Insert the Connecting Bolt of the Handle into the two holes of the Handle Holder with the help of Six angle Screwdriver. (as showing by the arrow 1 of illustration 2)
- 4) Fix the cover of top bolts to the right position. (as showing by the arrow 2 of illustration 2)
- 5) When you are removing the Refrigerator door handle, please follow the instructions in reverse.

Attention:

Please do not disassemble the Refrigerator door handle.

If the handle must be taken apart please contact a qualified technician.

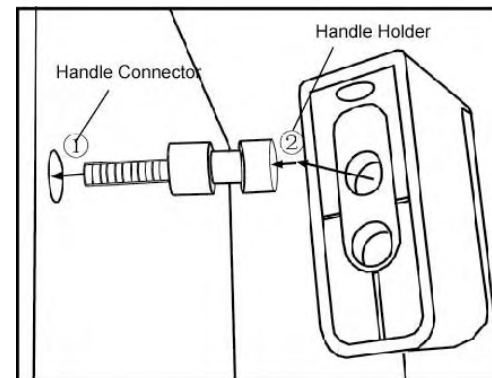


illustration 1

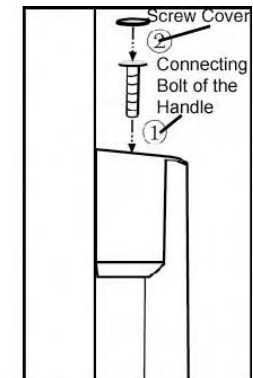


illustration 2

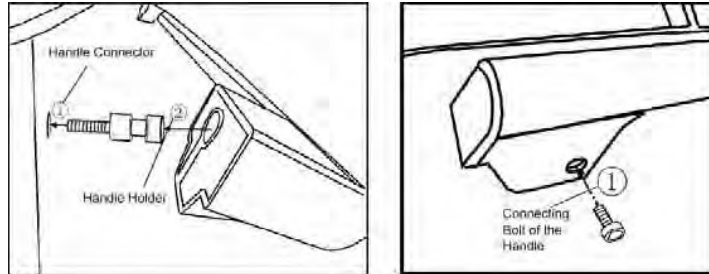
Assembly of the Freezer Door Handle

Please follow the instructions below when assembling the Freezer Door Handle:

- 1) Put the Handle Connector into the right holes on the Freezer Door with the help of screwdriver. (as showing by the arrow 1 of illustration 1)
- 2) Put the Freezer Door Handle onto the handle holder, and keep the hole of the handle holder and the handle connector to the right position of the vertical direction. (as showing by the arrow 2 of illustration 2)
- 3) Insert the Connecting Bolt of the Handle into the two holes of the Handle Holder with the help of Six angle Screwdriver. (as showing by the arrow 1 of illustration 2)
- 4) When you are removing the Freezer door handle, please follow the instructions in reverse.

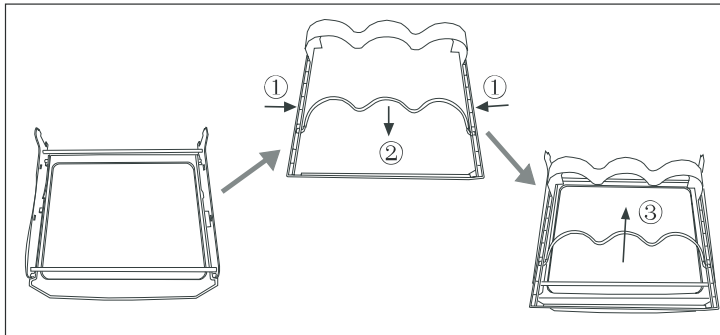
Attention:

Please do not disassemble the Freezer door handle. If the handle must be taken apart please contact a qualified technician.



9 Installing wine shelf

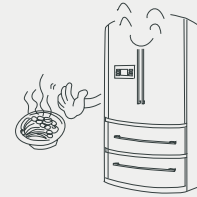
Open the door of refrigerator compartment. Take out the food shelf at the upper left corner. Place the glass shelf downward on a table. Then take out the wine shelf from the delicatessen drawer at the bottom. Hold the wine shelf at both ends, attach it to the food shelf (as (1) shown below) and then push it in place (as (3) shown below).



10 See page 12 for instructions on how to connect the water.

Storing Food in Freezer Compartment

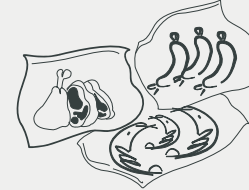
Allow warm foods to cool down before putting them into the freezer.



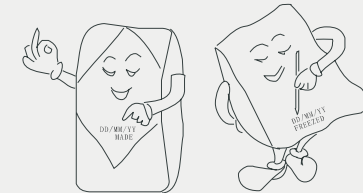
Store food in smaller packages. This will make it easier to freeze the food fully and provide better quality when the food is thawed. It's recommended that each package should not exceed 2.5kg.



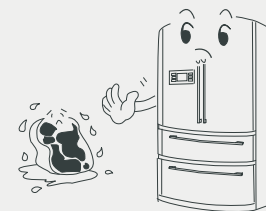
Wrap food before storing. Make sure the wrappings are dry to prevent them from sticking to each other. The wrapping materials used should be odorless, airtight, leak-proof, nontoxic and environmental friendly to prevent unpleasant odor or food deterioration.



The package of food should indicate information such as name of food, date of storage and expiry date.



Once thawed, food cannot be returned to the freezer unless it has been cooked. Always get frozen food from the freezer for thawing according to actual needs.

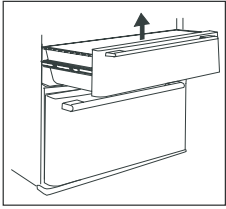


Do not put too much fresh food in your freezer. The freezing capacity (as indicated in the Technical Data sheet) should be observed.



Removing and replacing the freezer drawer and ice bin

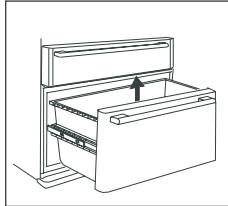
- 1 Pull out the ice bin entirely and remove it from the refrigerator.



- 2 Replace the ice bin in a reversal sequence to removal.

Removing and Replacing FreezerDrawer

- 1 Pull out the freezer drawer entirely and remove it from the refrigerator

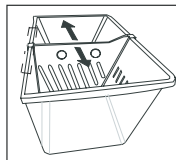


- 2 Replace the freezer drawer in a reversal sequence to removal

Freezer Drawer

Adjustable partition wall of freezer drawer

A movable partition wall is provided in the freezer drawer to divide the drawer into two parts. You may move the partition wall right or left to meet your storage needs.



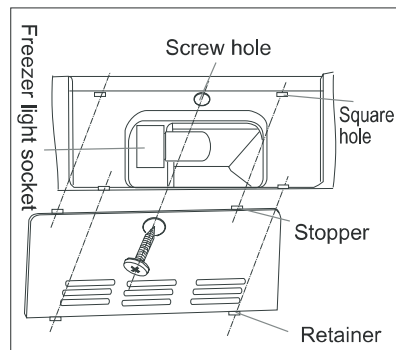
Replacing the Light Bulb

Bulb specifications: 220V~, 25W

Socket: E14 (DO NOT use a bulb over 25W)

To replace the light bulb:

- Unplug the appliance.
- 1 Remove the front screw with a screwdriver.
- 2 To remove the light shield, press the stopper at front out of the square hole.
- 3 Pull the shield forward until the retainer is separated from the square hole.
- Turn the bulb anticlockwise and out. Replace a bulb of the same specifications in the reverse sequence of removal.



- To replace the light shield: Engage the retainer into the square hole and then press the shield front backward until the stopper is locked in the square hole. Replace and tighten the screw.

Assembling the water connection

For water dispenser product only

Contents of filter kit

- 1 4 m (13 ft) white 6 mm ($\frac{1}{4}$ ") tubing
- 2 1 x 200 mm (8") blue tubing
- 3 1 x pressure reducing valve (PRV)
- 4 1 x double sided foam
- 5 2 x locking keys
- 6 1 x water filter cartridge and head
- 7 1 x tap connection – 15 mm ($\frac{1}{2}$ ") BSP

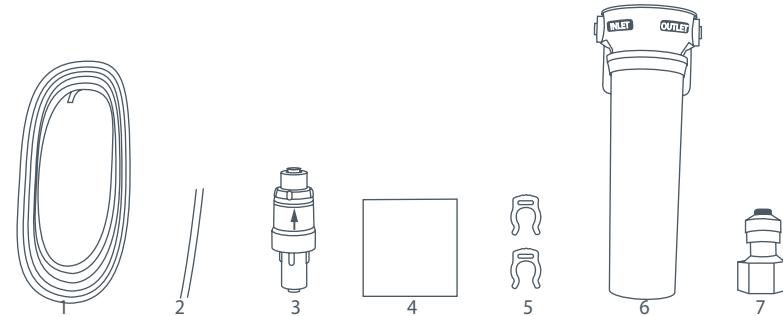


Fig.1 Water connection kit

Important!

- It is imperative the pressure reducing valve (PRV) is fitted prior to the filter. This valve ensures the water will not flow back into the mains from the refrigerator water system. If the PRV is not fitted to the connection line your Ice & Water refrigerator features may not function in some circumstances.
- It is recommended that an authorised plumber in your state or town is used to install the water connection.
- The new tubings supplied with the refrigerator are to be used, old tubings from old Ice & Water connections should not be used.
- **Installation precautions/warning**
- DO NOT use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.
- WARNING – connect to potable water supply only.
- DO NOT install on line pressure above 900 kPa (130 psi) or below 150 kPa (22 psi).
- DO NOT use on hot water supply (38°C [100°F max.]).
- DO NOT install near electrical wires or water pipes that will be in the path of drilling when selecting the location of filter system.
- DO NOT mount filter in such a position so that it will be struck by other items, such as wastebaskets, etc.
- DO NOT install the filter in direct sunlight as prolonged exposure to light can weaken plastic components.
- DO NOT install in a location that is susceptible to freezing temperatures as damage to the housing could occur.
- DO NOT screw filter to fridge.
- AVOID contamination of pipes during installation.
- DO NOT use copper tubing. The plastic tubing supplied should always be used.

18. The first time you require water out of the dispenser, there will be a delay while the water reservoir fills up.
19. Run a further 3 litres (3 qt) through the system, stopping intermittently to ensure the reservoir is flushed out. Failure to do this will result in excessive dripping from your dispenser.

Important!

- All connections must be checked for leaks.
- If unsure of connection process and/or leaks then contact your local plumber to install and check the system for you.
- Ensure white 6 mm (1/4") tubing is routed away from sharp objects, sharp corners (beware of kinking tube as this will stop water flow), clear of the refrigerator unit compartment and not in a location where it can be squashed.
- Ensure all push-fit connections are firmly pushed into place. The tube should push in 20 mm (3/4") before reaching the stop.
- If tubing is removed at any point, re-cut the end and re-insert. Tubing must be fully inserted to avoid leaks.
- To remove tube from connection points, turn off the isolating tap, push in the collet and gently pull tubing at the same time.

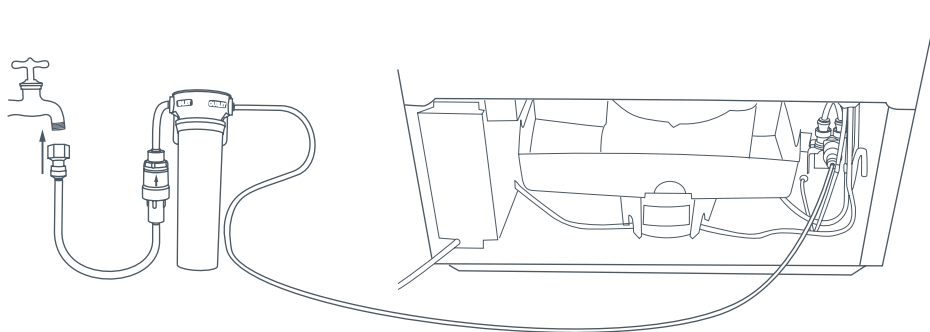


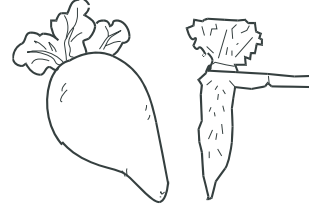
Fig.8 Connection to water supply

Diagram 9

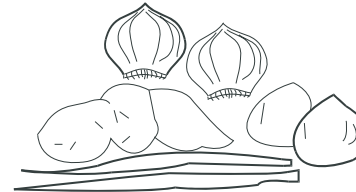
Refer to page 26, About Freezer compartment, for instructions on the first use of the ice maker and water dispenser.

Useful Tips

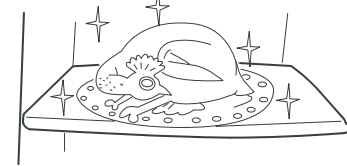
Remove leaves of carrots and radishes before adding them to the refrigerator, to prevent nutrition loss.



For food which can maintain freshness under ambient temperature storage, such as onions, garlic, and other root vegetables, it is not necessary to put them in the refrigerator.



Thaw frozen food in the refrigerator compartment, this will help cooling food in the refrigerator compartment and save energy.



Fruits such as melon, Chinese quince, sweet melon, banana and pineapple can ripen faster under lower temperatures, these fruits are not suitable for refrigerated storage unless you need them to ripen sooner.

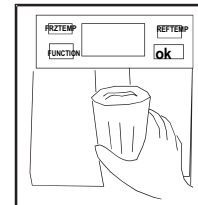


NOTE

When the ambient temperature is within the range of 0~10°C during winter months, the inner temperature of refrigerator compartment is quite low, i.e. approx. 0°C at the bottom. Therefore, it's recommended to put vegetables and fruits in the upper part of the refrigerator compartment.

How to Use the Water Dispenser

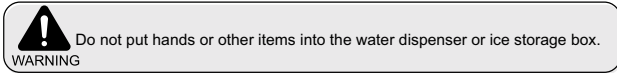
- Available on some models



1. Push the dispensing pad gently, using a glass cup.
2. If you want to stop the flow of water, release from the dispensing pad.

● **First Use**

- When pressing the water dispenser tab the first time you may not get water out as air will be in the line. Please press it for at least 1-2 minutes, in order to clear the air and replace it with water from the water tank.
- The first few cups of water you take out will be warmer than the remaining cups. This is normal.
- Please throw away the first 5 cups of water to remove any impurities in the lines.
- If you like very cold water first add some ice cubes from the ice storage box.



● **Water Dispenser Precautions**

1. Do not use a paper cup or one that is too tall to fit into the dispenser cavity.
2. When dispensing water please keep your cup under the spout for a few seconds after you disengage the activation tab to catch all the water droplets.

● **Changing the water filter cartridge**

Change the filter after 6 months.

It is not necessary to turn off the water supply before attempting to change the water filter cartridge.

- 1 Grasp and firmly twist the cartridge in an anticlockwise direction (to the left when installed in the recommended orientation) as shown in Diagram 1.
- 2 Pull the cartridge away from the filter head (down when installed in the recommended orientation) as shown in Diagram 2.
- It is not unusual for a few drops of water to be present when the filter is removed.
- 3 Discard old filter.
- 4 Filter installation:
 - Remove protective cap on spigot on head.
 - Push the cartridge up towards filter head while rotating it in a clockwise direction (to the right when installed in the recommended orientation) as shown in Diagram 3
- 5 Dispense 10 L (10 qt) to flush the cartridge, removing trapped air and harmless carbon fines.

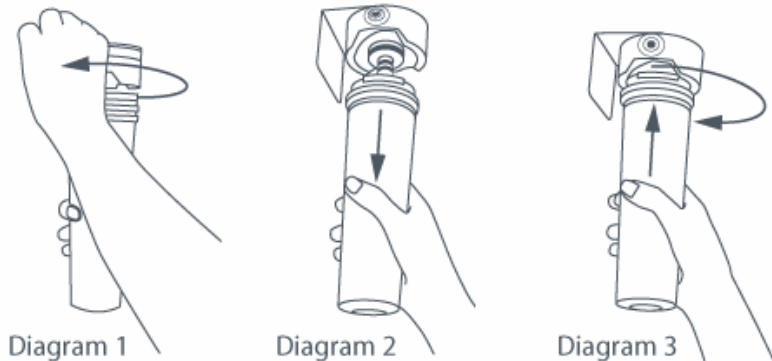


Fig.10 Changing the water filter cartridge

11. Attach double sided foam to the back of the water filter head as shown in Diagram 5. Write the date to be replaced on the filter (date installed + 6 months). Remove double sided foam backing and attach filter to the desired position as located in step 10 (refer to previous page).
12. Run the 6 mm (1/4") tubing to back of the fridge ensuring there is enough tubing to pull out the refrigerator for service.
13. Connect tubing into the water (solenoid) valve located on the right hand side of the unit (compressor) compartment as shown in Diagram 7. Beware of hot pipes.
14. Pull gently on tubing to ensure it is locked in as shown in Diagram 8.
15. The completed installation should look like Diagram 9 on page 15.

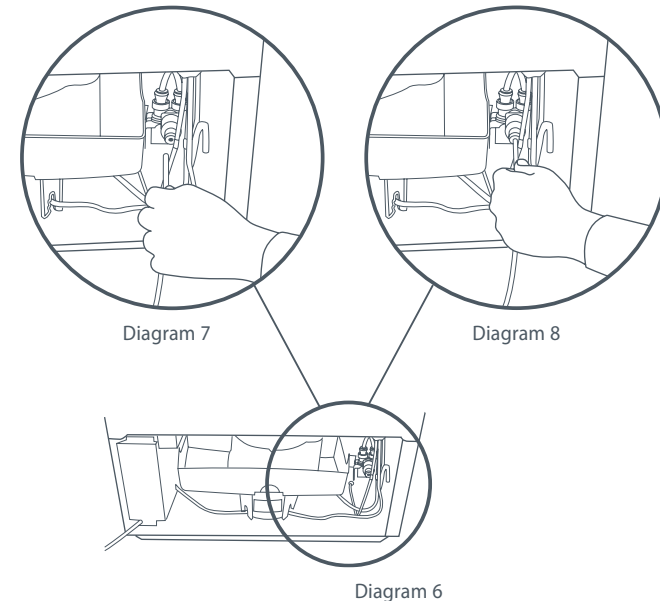
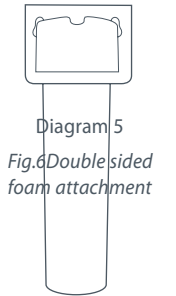


Fig.7

16. Turn isolating tap on and check that all connections are dry and free of drips. If not, please alert the plumber.
17. Coil water line tubing behind the fridge. Push your refrigerator into place being careful not to kink or squash the water line running into the water (solenoid) valve.

Installation instructions:

1. Ensure that refrigerator is not plugged into a power supply.
2. Locate isolation tap for water connection – cold water feed only (dishwasher or sink mixer taps) – if you can't find the connection tap, contact an authorised plumber in your state or town to fit your water connection. Tee and tap fitting not supplied.
3. Connect the 200 mm (8") blue tubing to the outlet of the PRV (blue collet) and the inlet connection of the water filter cartridge as shown in Diagram 1. Gently pull on both ends to ensure it is locked.
4. Connect the white 6 mm (¼") tubing to the outlet of the water filter cartridge as shown in Diagram 2. Gently pull to ensure it is locked.
5. Measure the required length of tubing to run from the PRV to the water connection point.
6. Cut the tubing making sure the ends are square and clean.
7. Connect the tubing to the tap connection and the base of the PRV (white collet) and then to the tap as shown in Diagram 3. Please note that the tap connection supplied should fit most installation situations. If your tap requires a different fitting, please contact an authorised plumber in your state or town to purchase the correct fitting.
8. Connect one locking key to each side of the water filter cartridge in between the cartridge and the locking collet as shown in Diagram 4.
9. To flush the water filter and check for leaks, aim the end of the tubing into a bucket, turn isolating tap on and run at least 3 L (3 qt) of water through. Once complete, turn isolating tap off.
10. Locate desired position for water filter noting carefully the following points:
 - It is recommended to fit the water filter in a vertical orientation with the water filter head at the top. This will minimise water leakage when replacing cartridge.
 - Ensure the filter is in a convenient location to access every 6 months for replacement. We suggest that this location is beside the water filter supply tap in a cupboard beside the refrigerator.
 - A minimum clearance of 64 mm (2 ½") from the bottom of the filter cartridge is required to perform cartridge removal.
 - Do not screw the water filter to refrigerator.

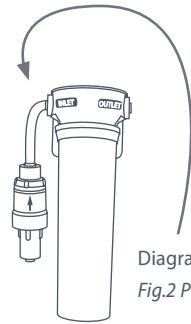


Diagram 1
Fig.2 PRV connection

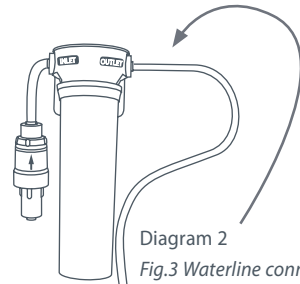


Diagram 2
Fig.3 Waterline connection to refrigerator

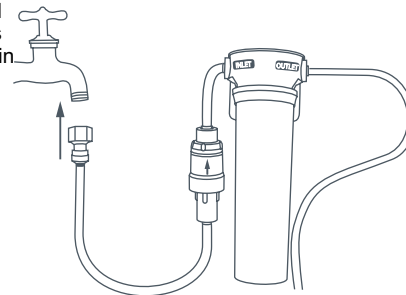


Diagram 3
Fig.4 Tap connection

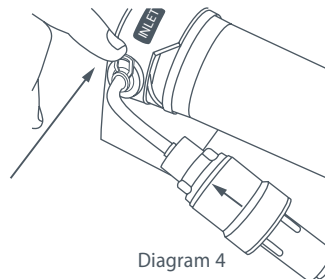


Diagram 4
Fig.5 Locking key

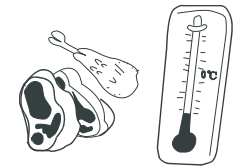
About Freezer Compartment

■ The Freezer is intended for long-term food storage.

The temperature in the freezer is very low, making it ideal for storage of frozen food. Place food expected to be stored for a longer period of time in the freezer, but the expiry date indicated on its packing should be observed.

■ Ice bin

- It is used to store ice cubes produced by the ice maker.
- How to get ice cubes
 - Pull out the ice bin entirely, get ice cubes with a spoon or remove the ice bin if necessary.



How to use the icemaker

The ice maker can produce 8 cubes at a time. The icemaking capacity depends on ambient temperature, frequency of door openings and inner temperature of freezer compartment.



After the refrigerator is installed and started, allow 24 hours for the freezer compartment to cool down before the initial icemaking.

For initial icemaking, discard the first batches of ice cubes produced. This is also applicable in the case that the icemaker has been laid idle for a long period of time. Arrange ice cubes in the ice bin from time to time to ensure the maximum storage. Eight ice cubes are produced at a time. It's normal that some of them may get frozen to each other.

If this is your first icemaker

You may hear some creaking noise when the icemaker is running. That's normal.

If ice cubes have been stored too long

Ice cubes may get gray and have an off-taste. Please discard old ice cubes and clean the ice bin with warm water regularly. Before replacing the ice bin back, make sure it cools down to ambient temperature and air dries, or otherwise ice cubes may stick to other parts of the icemaker and reduce ice production.





If ice bin is not used during winter

During winter months, if you don't need the icemaker for a long time, please take out ice cubes from the ice bin, and wash the bin with warm water, then replace it back after wiping it dry. Shut off the water supply to the refrigerator

If icemaker is not used

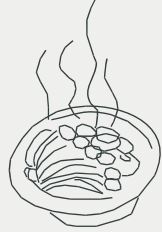
If you don't need the icemaker, take out the icemaker shelf and it can be used as freezer room.

■ To turn the ice maker on and off

- press (Function) button to scroll to the () screen, () light on then press (ok), ice maker is turned on.
- press (Function) button to scroll to the () screen, () light off then press (ok), ice maker is turned off.

Storing Food in Refrigerator Compartment

Allow warm foods to cool down before putting them into the refrigerator.



Make sure the food is clean and the extra water is wiped away before storing.



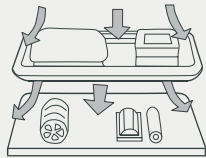
Wrap or cover food before storing. This will help prevent the loss of water content, keep fruit and vegetable fresh and avoid any unpleasant odor.



Sorting before storage
Sort the foods by category. For those to be used up soon, place them in the front of the shelf, so as to avoid frequent and prolonged door opens and food deterioration.



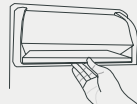
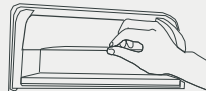
Do not overfill your refrigerator. Leave enough space between foods stored in the refrigerator to keep good air-circulation for better refrigeration.



Food should be kept away from the inner wall.
Food with high moisture content should be kept away from the inner wall to prevent freezing and sticking to the inner wall.



When loading or unloading the dairy bin, it is safe to open and close the dairy bin in such a way as illustrated below.



Greasy foods may cause corrosion of lining materials gradually. Keep them away from the walls of inner compartment. Keep the inner compartment clean and free of oil stains.

Initial Use

- 1 Connect the appliance to the power supply.
The appliance has a backup memory and the settings before a power interruption will be stored.
(See Backup Memory section on Page 19 for details)
- 2 Operation Modes



NOTE

Once the AI mode is selected, there is no need to make any adjustment within a prescribed range of temperature, notwithstanding the changes in ambient temperature.

You can select one of the following operation modes.

- (1) AI: Unless otherwise required, it is recommended that the AI mode is used. Tap the AI button and the indicator will illuminate. The appliance will start an automatic operation.
(See the AI Mode section on Page 17)
- (2) Manual: Alternatively, you can adjust the inner temperature by means of the temperature control button.
(See the Temperature Setting & Adjustment section on Page 19)

3 Loading the refrigerator

To ensure normal operation, allow the appliance to stand still for 6 hours.

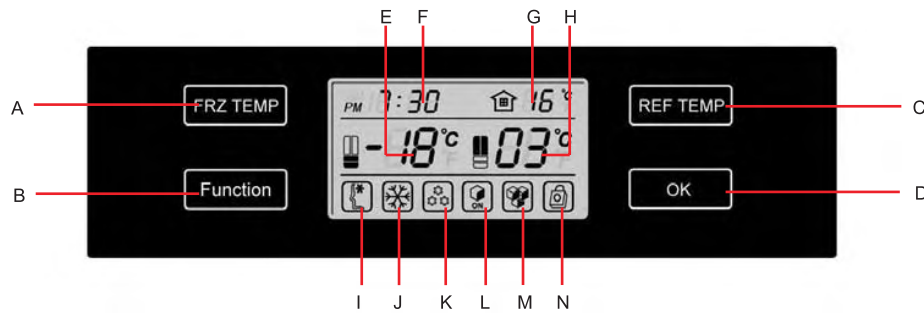


NOTE

When the temperature setting is adjusted, it takes some time to reach the desired inner temperature. The period will be longer or shorter, depending on the ambient temperature, amount of food and how often the door is opened.

Functions

(1) Control panel



- A...Freezer Temperature Adjustment key
- B...Function Selection key
- C...Refrigerator Temperature Adjustment key
- D...Function Confirmation key
- E...Freezer Temperature Indicator
- F...Time Indicator
- G...Ambient Temperature Indicator
- H...Refrigerator Temperature Indicator
- I...Artificial Intelligent Indicator
- J...Quick Freezing Indicator
- K...Quick Refrigerating Indicator
- L...Ice Maker Indicator
- M...Quick Ice Making Indicator
- N...Lock Indicator

(2) Artificial intelligence setting

In the artificial intelligence state, the appliance automatically adjusts temperature according to the variation of ambient and compartment temperature without manual adjustment. In the unlocked state, lightly press the Function Selection key (B) several times until the Artificial Intelligent Indicator (I) flashes and then press the Function Confirmation key (D). The Artificial Intelligent Indicator (I) illuminates and the appliance enters the artificial intelligence state. In the artificial intelligence state, lightly press the Function Selection key (B) several times until the Artificial Intelligent Indicator (I) flashes and then press the Function Confirmation key (D). The Artificial Intelligent Indicator (I) goes off and the appliance exits the artificial intelligence state.

About Refrigerator Compartment

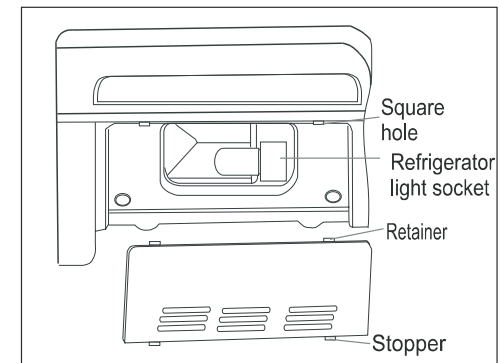
Replacing the Light Bulb

Bulb specifications: 220V~, 25W

Socket: E14 (DO NOT use a bulb over 25W)

To replace the light bulb:

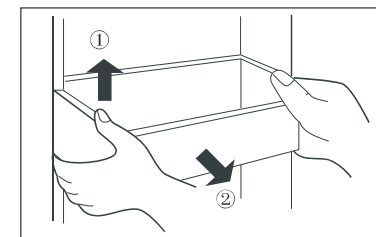
- Unplug the appliance.
- ① To remove the light shield, press the stopper at rear out of the square hole.
- ② Pull the shield backward until the retainer is separated from the square hole.
- Turn the bulb anticlockwise and out. Replace a bulb of the same specifications in the reverse sequence of removal.
- To replace the light shield: Engage the retainer into the square hole and then press the shield rear forward until the stopper is locked in the square hole.



Light bulb

Cleaning door bin

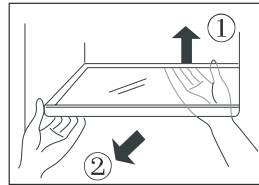
Lift the bin up ① and pull it towards you ②. Replace the bin in the reverse sequence of removal after cleaning.



About Refrigerator Compartment

Removing Crisper Cover

Take out the crisper and put it away. Lift up the cover end (1) and remove it (2).

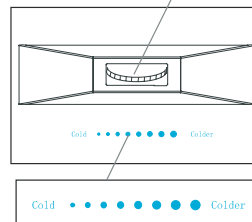


How to Use the Delicatessen Drawer

The appliance is equipped with a delicatessen drawer with a temperature range from $-2^{\circ}\text{C}\sim+3^{\circ}\text{C}$. The temperature can be adjusted by the air control knob to meet your storage needs.

- Turn the air control knob leftwards (weak) to reduce the cooled air moving in the delicatessen drawer and maintain a higher temperature;
- Turn the air control knob rightwards (strong) to increase the cooled air moving in the delicatessen drawer and maintain a lower temperature.

Air control knob



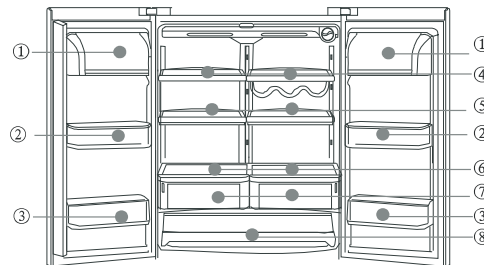
NOTE

In order to prevent damage, do not push the center of delicatessen drawer cover when loading or unloading the refrigerator.
In order to prevent damage, do not operate the air control knob with force.

Food Arrangement

As a result of air circulation in the refrigeration compartment, some areas are warmer and the others are colder. Foods should be organized accordingly.

- ① Egg, butter and cheese etc.
- ② Pop cans, canned food, condiments etc.
- ③ Beverages and bottled food etc.
- ④ Pickles and canned food etc.
- ⑤ Sausage and snacks etc.
- ⑥ Pastries, canned food, milk and bean curd etc.
- ⑦ Fruit, vegetable and salad etc.
- ⑧ Deli items and sausage etc.



(3) Locking/unlocking setting

In the unlocked state, lightly press the Function Selection key (B) several times until the Lock Indicator (L) flashes and then press the Function Confirmation key (D). The Lock Indicator (L) illuminates and the appliance enters the locked state. In the locked state, lightly press the Function Selection key (B) several times until the Lock Indicator (L) flashes and then press the Function Confirmation key (D). The Lock Indicator (L) goes off and the appliance exits the locked state.

In the locked state, adjustment of refrigerator temperature, freezer temperature, artificial intelligent, quick freezing, quick refrigerating, ice maker switching and quick ice making functions are deactivated.

(4) Quick freezing setting

The quick freezing function is designed to keep the food nutrition by making the food completely frozen within the shortest time possible. In the unlocked state, lightly press the Function Selection key (B) several times until the Quick Freezing Indicator (J) flashes and then press the Function Confirmation key (D). The Quick Freezing Indicator (J) illuminates and the appliance enters the quick freezing state. The quick freezing state will exit automatically after approximately 3 hours. If you want to exit the quick freezing state manually, please lightly press the Function Selection key (B) several times until the Quick Freezing Indicator (J) flashes and then press the Function Confirmation key (D). The Quick Freezing Indicator (J) goes off.

(5) Quick refrigerating setting

The quick refrigerating function is designed to quickly cool the food in the refrigerator to a set temperature. It is helpful for long-term storage of food. If you have stored much food in the refrigerator at one time, please activate it. In the unlocked state, lightly press the Function Selection key (B) several times until the Quick Refrigerating Indicator (K) flashes and then press the Function Confirmation key (D). The Quick Refrigerating Indicator (K) illuminates and the appliance enters the quick refrigerating state. The quick refrigerating state will exit automatically when the temperature reaches the setting. If you want to exit the quick refrigerating state manually, please lightly press the Function Selection key (B) several times until the Quick Refrigerating Indicator (K) flashes and then press the Function Confirmation key (D). The Quick Refrigerating Indicator (K) goes off.



If the quick refrigerating or quick freezing function is activated in the artificial intelligent state, the appliance will automatically exit from the artificial intelligent state. Likewise, if the artificial intelligent function is activated in the quick refrigerating or quick freezing state, the appliance will automatically exit from the quick refrigerating or quick freezing state.

(6) Switching off the ice maker

Upon first powering on, the icemaker is ON and the Ice Maker Indicator (L) illuminates. If you don't want the ice maker to work, please lightly press the Function Selection key (B) several times in the unlocked state until the Ice Maker Indicator (L) flashes and then press the Function Confirmation key (D). The Ice Maker Indicator (L) will go off and the icemaker will go off.

(7) Adjusting water feeding time of the ice water


In the locked state, press and hold down the Freezer Adjustment key (A), Function Selection key (B), Refrigerator Adjustment key (C) and Function Confirmation key (D) for 3 seconds simultaneously to activate the water feeding time adjustment function. The freezer temperature indicator displays the integer second of the water feeding time. The refrigerator temperature indicator displays the decimal point and the time. Press the Refrigerator Adjustment key (C) to increase the time and the Freezer Adjustment key (D) to decrease. If no key is operated in 5 seconds or the Function Selection key and Function Confirmation key are pressed to directly confirm the time, it will automatically exit the water feeding time adjustment state. Upon first powering on, the water feeding time is 8.5 seconds each time. The consumers are recommended not to change the setting. If you do want to change it, please contact our after-sales service technician.

(8) Quick ice making function

When you want a large amount of ice cubes, you can use the quick ice-making function. In the unlocked state, lightly press the Function Selection key (B) several times until the Quick Ice Making Indicator (M) flashes and then press the Function Confirmation key (D). The Quick Ice Making Indicator (M) illuminates and the appliance enters the quick ice making state. The quick ice-making mode will exit automatically after 24 hours. If you want to exit the quick ice-making state manually, please lightly press the Function Selection key (B) several times until the Quick Ice-Making Indicator (M) flashes and then press the Function Confirmation key (D).

About Refrigerator Compartment

(D). The Quick Ice-Making Indicator (M) goes off.
If you turn off the icemaker when it is in quick ice making mode, it will exit the quick ice making state as well as the ice making state.



You can activate the quick ice making function only when the icemaker is ON. Please make sure the icemaker of your appliance is ON before activating the quick ice making function. If you activate quick ice making when the appliance is in the artificial intelligent state, it will automatically exit from the artificial intelligent state. Likewise, if you activate the artificial intelligent when the appliance is in the state of quick ice making, it will automatically exit from the quick ice making state.

Connect to potable water supply only.
the maximum inlet water pressure 900k,in pascals
the minimum inlet water pressure 150k,in pascals
The pressure of the cold water supplied to the ice maker should be within 100k-1000k,in pascals.
The new hose-sets supplied with the appliance are to be used and that old hose-sets should not be reused.

(9) Temperature setting and adjustment

Temperature setting and adjustment can be performed as with the following operations only when the appliance is not in the state of artificial intelligent (the Artificial Intelligent Indicator does not illuminate):
Refrigerator temperature adjustment: in the unlocked state, press the Refrigerator Adjustment key (C). The Refrigerator Temperature Indicator (H) flashes. The refrigerator temperature cycles in the sequence of 7? →5? →3? →2? →1? →7? each time you press the Refrigerator Adjustment key (C).
Freezer temperature adjustment: in the unlocked state, press the Freezer Adjustment key (A). The Freezer Temperature Indicator (E) flashes. The freezer temperature cycles in the sequence of -16? →-17? →-18? →-20? →-22? →-16? each time you press the Freezer Adjustment key (A).

(10) Door-open warning


If the door is not properly closed or is opened for an extended period, the appliance buzzer will sound at a certain interval to prompt you to close the door properly.

(11) Energy-saving display

The back-light of the display goes off 30 seconds after a key operation to save electricity and illuminates when any key is operated or any door is opened.

(12) Power-off memory

In the case of power failure, the appliance will save the work state at the moment of power failure and continue to work with the work state after the power is recovered.



Locking function and time are not saved.

(13) Time adjustment and display

In the unlocked state, press and hold down the Refrigerator Adjustment key (C) and Freezer Adjustment key (A) for 3 seconds simultaneously to enter the time adjustment state. The Time Indicator (F) flashes. Press and Freezer Adjustment key (A) to adjust the hour, cycling from 1 to 12. Press and Refrigerator Adjustment key (C) to adjust the minute, cycling from 00 to 59. It will change between AM and PM at the moment of 12:00 (AM means Ante-Meridian and PM means Post-Meridian).

(14) Ambient temperature display

The ambient temperature indicator (G) displays the ambient temperature at which the appliance is currently operating.

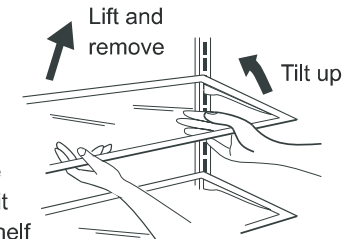
The refrigerator can be used for short-term food storage:

The average temperature of the compartment is about 0~10°C (-2~3°C in the delicatessen drawer). Therefore it is only used for short-term food storage and not suitable for keeping food fresh for a long time.

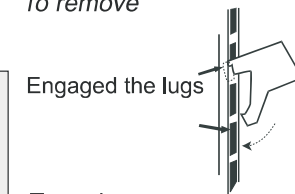


Height-adjustable Shelf


The height of the shelf can be adjusted to meet your storage needs.
To adjust the shelf height, remove the shelf first. The steps are as follows: tilt the shelf up at front, and lift it up and out of the tracks. To replace the shelf, with shelf front raised slightly, engage the lugs in tracks. Then lower shelf front until it locks into position.



To remove



To replace

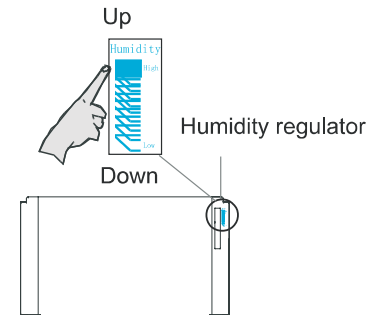


NOTE Make sure the shelf is installed securely and in the same level to prevent shelf falling or food spills.

How to User the Crisper

The appliance is equipped with a crisper for vegetable and fruit storage. You can set the humidity to meet your storage needs.

- Turn the humidity regulator (located at the upper right corner of the crisper) up to get a higher humidity suitable for storage of cucumber, grape, kiwifruit and persimmon etc.
- Turn the humidity regulator (located at the upper right corner of the crisper) down to get a lower humidity suitable for storage of strawberry, orange, bean, garlic, watermelon, plum and tomato etc.



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