

Product Features

Haier

Refrigerator-freezer

HB21FSSAA

HB21FGRAA

HB21FGBAA

HB21FGWAA



(This picture is HB21FSSAA)
(The appearance, color, design of the refrigerator may vary from the actual product)

Instruction for Use

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Please carefully read the instructions before use.

Please retain it for future reference.

Product Features

◆ Ice-making function

Equipped with automatic ice maker, it can make ice for you according to your preferences, (depends on the model).

Manual ice maker can satisfy user's different need for ice.

◆ Full width shelf design, more convenience for storing and taking food.

◆ Fuzzy Function

The refrigerator can be automatically adjusted to the best refrigerating condition according to the chamber temperature and ambient temperature without human intervenes.

◆ Super large and super luxurious design

The refrigerator has super large capacity, super large refrigerating and freezing chamber, as well as super luxurious inter design.

◆ Fluoride-free, frostless, complete air cooling refrigeration, deep cooling, and rapid freezing.

◆ Defrost and pre-refrigeration

The refrigerator will make judgment on the temperature in the refrigerator before defrosting, and the compressor will automatically and rapidly refrigerate after defrosting.

◆ Equipped with condensing unit, heat dissipation by blower, better refrigeration effect, and long service life of compressor.

◆ Open door alarm, touch-sensitive button, large-screen LCD display.

◆ Fresh-keeping by light wave

The application of light wave fresh can effectively extend the fresh-keeping duration for fruit and vegetables, and effectively eliminate odor.

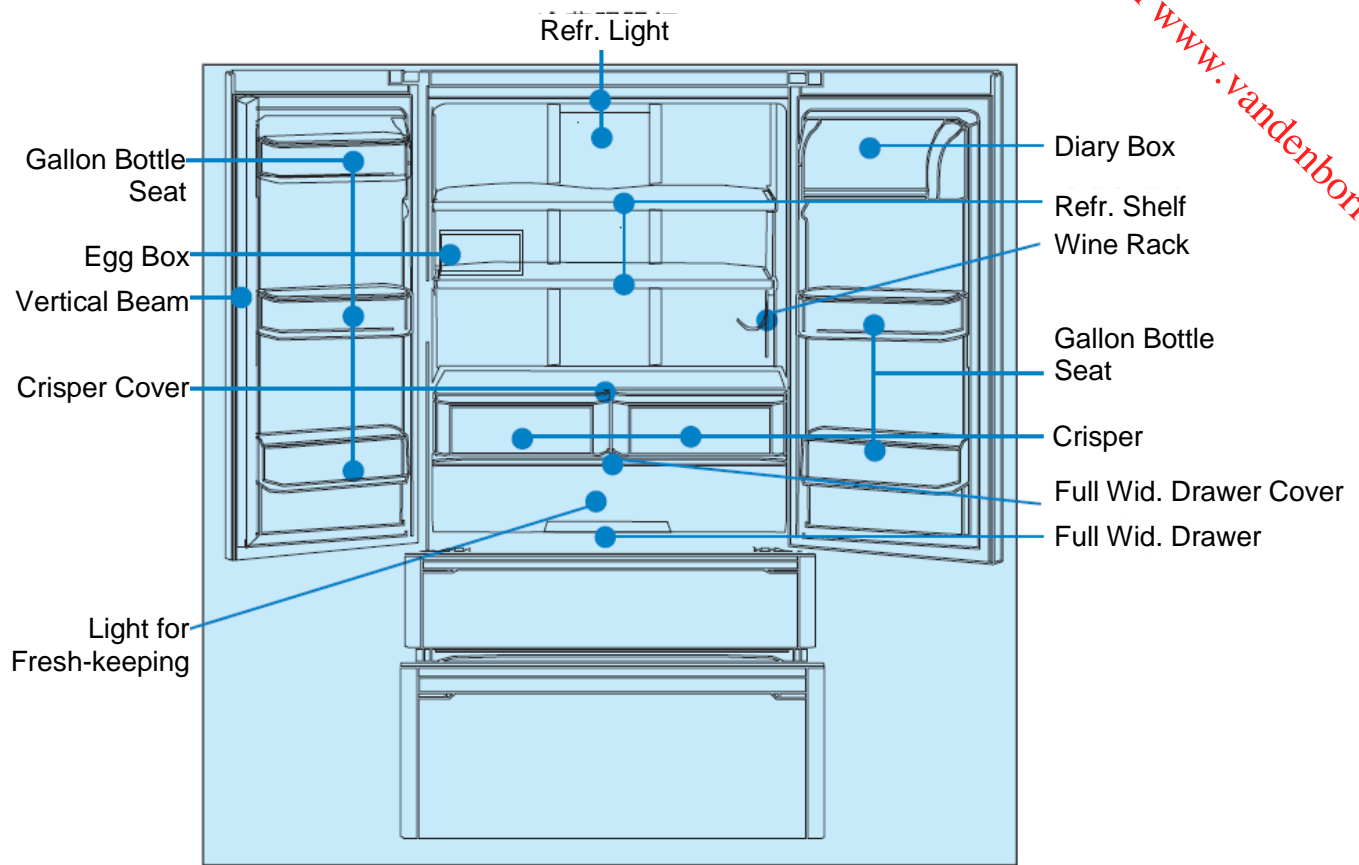
◆ Drawers have track way. It can be pushed and pulled smoothly.

◆ Deodorant Brick

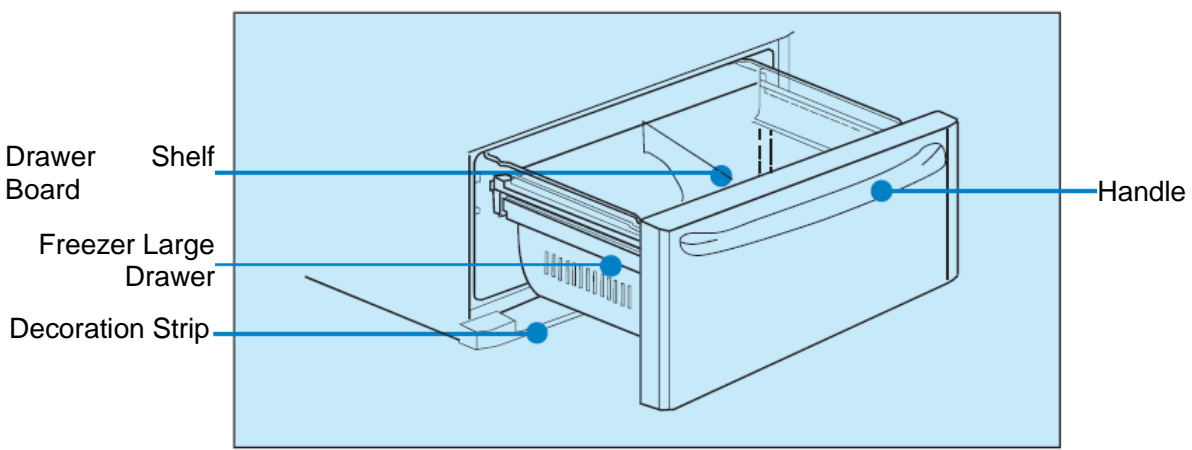
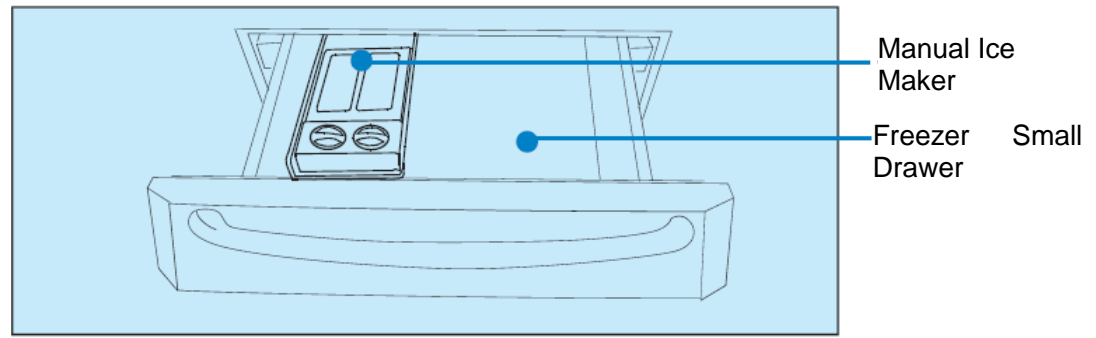
It separates the refrigerating chamber and freezing chamber, avoiding tainting.

Name of Components

Refrigerating Chamber



Freezing Chamber










(This picture is HB21FSSAA)

Safety Notice

Dear user,

Thank you for using haier Refrigerator! For your better understanding of the instruction and better use of the product, we explain the signs appeared in the instruction as follow:

 Prohibit	All action with this sign is prohibited; it may cause product damages or endanger the personal safety of users.
 Warning	All action with this sign is related to the safe use of products and the personal safety of users. Operation must follow the requirement strictly; otherwise it may cause product damages or endanger the personal safety of users.
 Caution	Any action with this sign shall be paid more attention. Otherwise it will cause product damages and other damages due to improper operation.

<p>The refrigerator use 220-240V/50Hz AC power supply.</p> <p>If the voltage variation is large (greater than 187-242V), it may cause the refrigerator fail to start, and the master control board and compressor will burn out, or compressor has abnormal noise. At this time, auto stabilizer of 750W or above must be added.</p> <div style="text-align: center;">  </div>	<p>Independent dedicated socket must be used and reliably grounded.</p> <p>The power cord of the refrigerator has three-pin plug (for grounding) which complies with standard. In no circumstances the third pin of the power cord for grounding shall be cut or dismantled. After the refrigerator is installed, the plug shall be accessible to facilitate plug in and out.</p> <p>Warning! The plug of power cord shall be attached firmly with the socket; otherwise it may cause a fire.</p> <div style="text-align: center;">  </div>
<p>When the power cord is damaged</p> <p>When the power cord is damaged or the plug is worn, do not use. The worn or damaged power cord must be replaced at the specified maintenance provider by the manufacturer.</p> <div style="text-align: center;">  </div>	<p>Detach the power plug when:</p> <ul style="list-style-type: none"> ● Before cleaning and maintenance, please detach the power plug of the refrigerator. ● When replacing damaged lighting devices, the power plug of the refrigerator shall be detached to prevent electric shock. <div style="text-align: center;">  </div>

Safety Notice

DO NOT damage the power cord

- Do not pull the power cord to disconnect the plug of refrigerator. The plug shall be hold tightly and directly detached from the socket.
- The body of refrigerator shall not press on the power cord and do NOT stamp on the power cord.
- Please be careful when moving the refrigerator from the wall, do not press or damage the power cord.



It is recommended not to place appliance such as power socket, regulated power supply, microwave oven on the refrigerator, and do not use electrical appliances inside the refrigerator to avoid electromagnetic interference or other accident.



DO NOT store or use gasoline or other combustibles around the pump to avoid fire.



When flammable gas such as natural gas leaks

- Close the valve which leaks the gas,
- Open house door and window,
- DO NOT unplug/plug the power plug of refrigerator or other electrical appliance.



Never sit on the bottle seat inside the refrigerator door to avoid the door tiles or the bottle seat damages, and the refrigerator falls to hurt people; when take in and out the food, please do not stamp on the door of freezing chamber and body of refrigerator. Do not sit on the drawers to avoid the refrigerator falling down to hurt people.



After the refrigerator is in operation, do not touch the cold surface in the freezing chamber, particularly when hands are damp or wet. Skin may adhere to these extremely cold surfaces.



Safety Notice

When open and close the door, the handle shall be hold to open and close. The space between the doors and between the doors and the body is small. Cautions shall be made not to put your hands in these spaces to avoid jam your fingers. When open and close the doors, do not let children approach to avoid hurt the children.



Do not use water to spray on or flush the refrigerator, and do not place the refrigerator at wet place or the place which is easy to be splashed with water to avoid the impact to the electric insulation performance of the refrigerator.



The refrigerator shall be placed far from heat source and avoid direct sunshine to prevent from impact to performance.



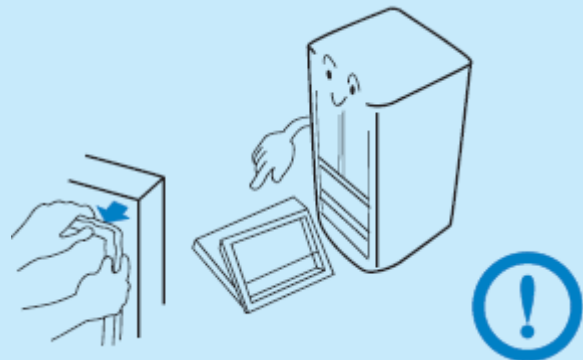
Do not place the refrigerator at damp or wet place and the place which is easy to be splashed with water. The splashed water and dirt shall be wiped out with soft cloth in a timely manner to avoid rustiness and impact to electric insulation.



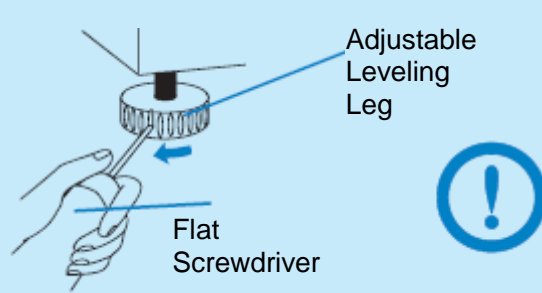
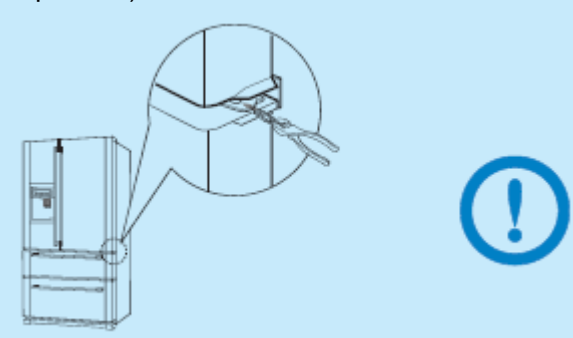

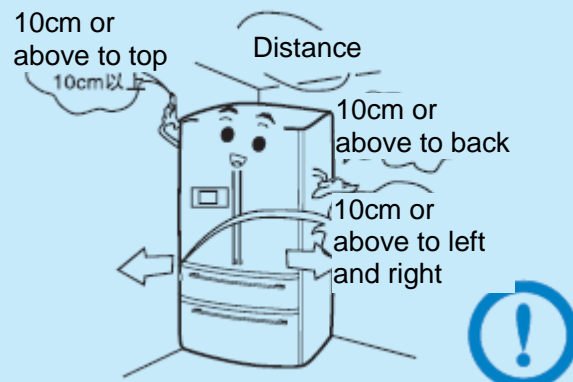

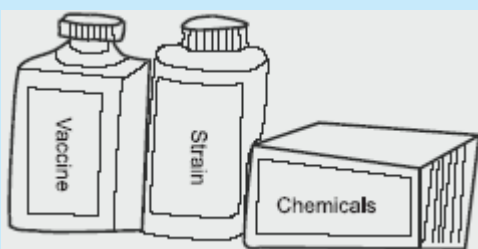
Dismantle and alter the refrigerator is prohibited, and the refrigerating pipeline shall not be damaged. The maintenance of the refrigerator must be carry out by professional personnel.



When the refrigerator falls into disuse, please remove the door, door seal, and shelves, and place them in proper location to avoid children entering into the refrigerator and causing accident.



Safety Notice

<p>Leveling Your Refrigerator</p> <p>The Refrigerator shall be place on flat and solid ground. If it's necessary to block up the refrigerator, flat, sold, and nonflammable cushion block shall be used. Do not use the package foam to block up. Adjustable leveling legs can be adjusted by turning them clockwise (as shown by the arrow) to raise your refrigerator or by turning them counterclockwise to lower your refrigerator if your refrigerator is not leveled.</p> 	<p>Door Alignment</p> <p>If the two doors of refrigerating chamber is not aligned, please align the doors as following:</p> <ol style="list-style-type: none"> 1. Use one hand to raise the door at the hinge in the middle. 2. The other hand insert a spacer with pliers, as shown. 3. Insert remained spacers till the doors is aligned. (3 cramp rings are provided with the product) 
<p>Do not put bottled beer or drinks into the freezing chamber to avoid frost cracking.</p> 	<p>The refrigerator shall be placed in well-ventilated place. Clearance of 10cm or above shall be left around the refrigerator including the back.</p> 
<p>Never place combustibles, explosives, highly corrosive acid/alkali in the refrigerator.</p> 	<p>The product is household refrigerator. According to the national standard, household refrigerator is only suitable for food, cannot be used for other purpose, such as storing blood, chemicals, cosmetics, medicine, and biological products.</p> 

Note: The refrigerator shall not be started if the ambient temperature is higher than 75°C

Disassembly and Assembly of Door



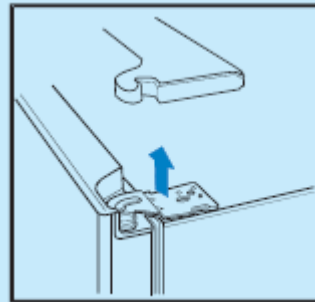
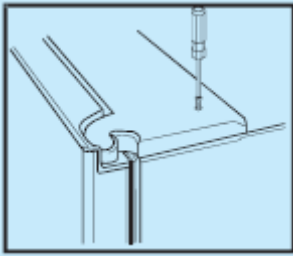
Caution

Before disassembling and assembling the doors, please remove food on the bottle seat, and remove the bottle seat, and then cut the power, shutdown the water source to avoid personal injury, product or property loss. When install and dismantle the doors, please contact the servicer centre of Haier.

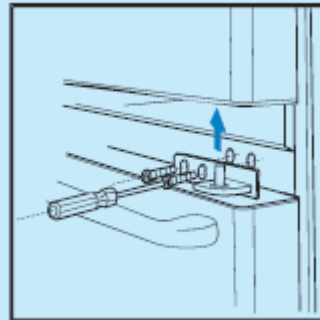
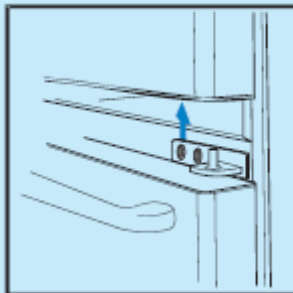
Prevent children or pets from asphyxia due to trap in the refrigerator. Do not let them play in the drawer.

Refr. Right Door Disassembly and Assembly

- ① Remove the screw which fixes the upper hinge cover with screwdriver, and then remove the upper hinge cover. ② Remove the screw which fixes the upper right hinge with hex driver, and move forward the upper right hinge and the door, and then remove right upper hinge.



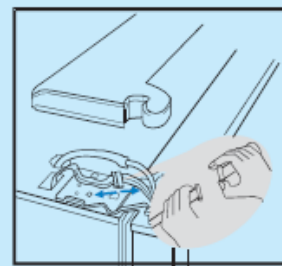
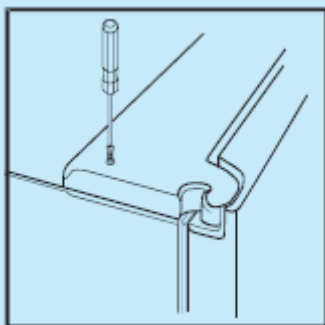
- ③ Raise the right door and remove to proper location. ④ Middle hinge may be removed if necessary.



- ⑤ The door can be installed by reverse steps.

Refr. Left Door Disassembly and Assembly

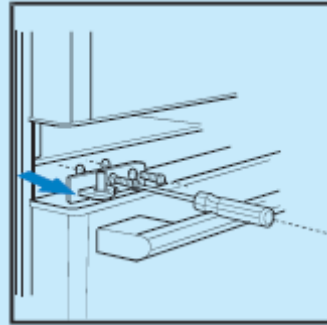
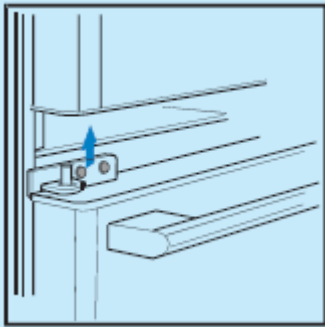
- ① Remove the screw which fixes the upper hinge cover with screwdriver, and then remove the upper hinge cover. ② Disconnect the wire terminal, and separate the connectors on the upper right corner at the back. Remove humidity sensor, and then remove the screw with hex driver. Move forward the hinge, water pipe, and door, and then remove the upper left hinge.



Disassembly and Assembly of Door

Refr. Left Door Disassembly and Assembly

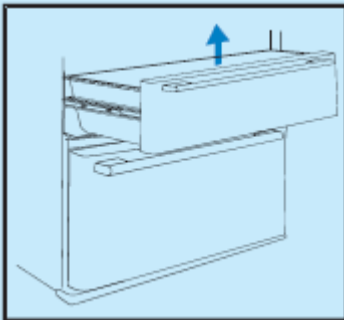
- ③ Remove the left door and place it to proper location. ④ Middle hinge may be removed if necessary.



- ⑤ The door can be installed by reverse steps.

Disassembly and Assembly of Ice Receiving Drawer

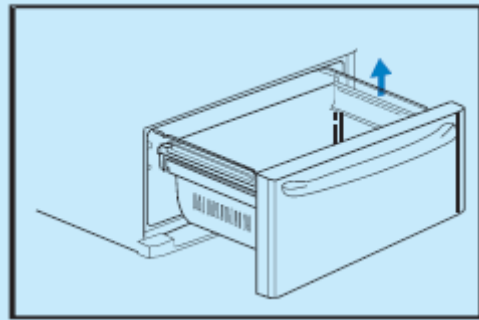
- ① Pull the drawer to the maximum length at first, and then remove the drawer.



- ② The Ice Receiving Drawer can be install by reverse steps.

Disassembly and Assembly of Freezer Drawer

- ① Pull the freezer door to the maximum length at first, and then remove the drawer.



- ② The freezer larger drawer can be installed by reverse steps.

Preparation

- ① Remove all package

Packing base and tapes that fix accessories also must be removed.

- ② Check out the accessories and materials

Check out the items in the box according to the packing list. If varies, please make query to the seller.

- ③ Place your refrigerator into proper location

- ④ It is better to clean your refrigerator before use (see section "Cleaning" for details)

- ⑤ Standing

After leveling and cleaning, the refrigerator shall keep standing more than 6 hours before connecting to power supply to ensure the normal running of the refrigerator.

Preparation

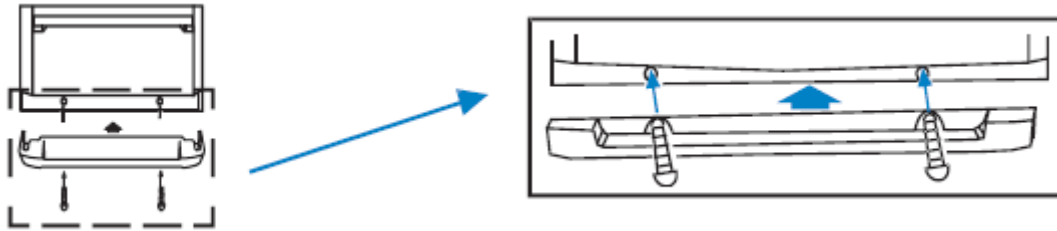
⑥ Install the bottom decorative strip

Open the door of refrigerating chamber, take out the decorative strip from the chamber, and install it to the shown location, and fix it with screw.
(2 screws are provided with the product)



Caution

Please wear gloves when dismantle the bottom decorative strip and adjustable leveling legs to avoid injury to your hands.



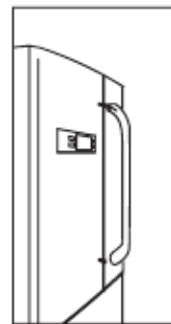
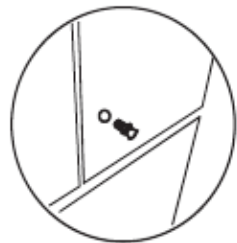
⑦ Disassembly and Assembly of the Handle of Refr. Door

At the first, remove the handle connector, and pinch the connector to the hole on the door shell (Fig. 1). Take out one refr. handle, align the hole on the handle head to the connector and install the handle to the connector. Take out inside-hexagonal spanner, and use it to pinch the cap screw tight on the handle head (Fig. 2).

The handle can be dismantled by reverse steps.



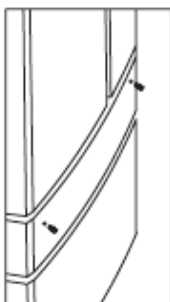
(Fig. 1)



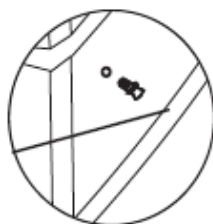
(Fig. 2)

⑧ Disassembly and Assembly of the Handle of Freezer Door

At the first, remove the handle connector, and pinch the connector to the hole on the door shell (Fig. 3). Take out one freezer handle, align the hole on the handle head to the connector and install the handle to the connector. Take out inside-hexagonal spanner, and use it to pinch the cap screw tight on the handle head (Fig. 4). The handle can be dismantled by reverse steps.



(Fig. 3)



(Fig. 4)

Getting Started

① Power On

Immediately after the power on, the temperature is displayed as the actual temperature of the refrigerating and freezing chamber. At this time, the set temperature for refrigerating is 5°C, the set temperature for freezing is -18°C, Light Wave Fresh light is on, and the buttons are in unlocked status.

The refrigerator has Power Outage Memory function. At every power on after the first power on the refrigerator will run under the settings set at the last time. (See “Power Outage Memory Function” for details)

② Operation Mode of the Refrigerator



Caution

Within the applicable temperature range of the refrigerator, as long as you selected the Fuzzy Mode, you will not need to adjust other settings to maintain the best freezing effect regardless of the ambient temperature changes. Make you worry less and work less.

You may select one of the two modes bellow to set your refrigerator as needed.

(1) Fuzzy Mode: We recommend using the Fuzzy Mode, if where is no special need.

(See “Fuzzy Function Setting” for details)

(2) Manual Mode: The temperature can be set by using temperature control button.

(See “Temperature Setting and Adjustment” for details)

③ Put the food into your refrigerator

After running for a while, the inside of the refrigerator is sufficiently cooled. At this time, food can be put into the refrigerator.

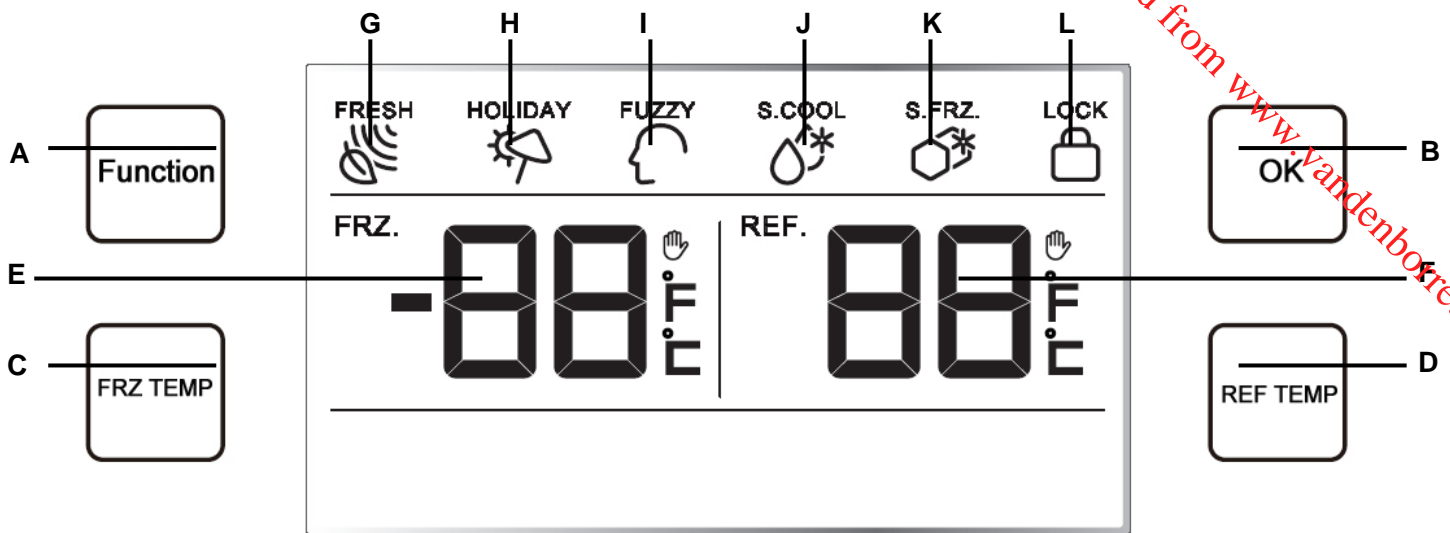
Note: small freezer drawer may be removed before putting food into large freezer drawer in order to put more food.

④ If you have lots of fresh food (such as fresh meat) to put into Freezing Chamber, please start “Super Freezing” function 12 hour before.



Caution

When the temperature setting changes, the inner temperature will be balanced after a while. The length of the period depends on the changes made to the temperature setting, the ambient temperature, door-open times, and the food stored in the refrigerator.



A/ Function Selection

Select "Fresh", "Holiday", "Fuzzy", "Super Cooling", "Super Freezing" and "Lock" functions.

- | | |
|--|--|
| B/ Function Confirmation: enable and disable the selected function; | C. Freezing Temperature Control Button: adjust freezing temperature; |
| D. Refrigerating Temperature Control Button: adjust refrigerating temperature; | E. Freezing Temperature Display Icon |
| F. Refrigerating Temperature Display Icon | G. Light Wave Fresh icon |
| H. Holiday Icon | I. Fuzzy Icon |
| J. Super Cooling Icon | K. Super Freezing Icon |
| L. Lock Icon | |

1. Light Wave Fresh Function Setting

In the unlocked status, press "Function Select Button" and select the Light Wave Fresh function, then "Light Wave Fresh Icon" will blink. Press down the "Function Confirmation Button", the Light Wave Fresh Icon will display and enter the function of Light Wave Fresh; If you want to exit the Light Wave Fresh Function, please press the "Function Select Button", select the Light Wave Fresh function, the "Light Wave Fresh Icon" is in blinking, press down the "Function Confirmation Button", Light Wave Fresh Icon will off and the Light Wave Fresh function is exited

2. Holiday Function Setting

In the unlocked status, press "Function Select Button", select the Holiday function, at this time the "Holiday Icon" is blinking, press down the "Function Confirmation Button", the Holiday Icon displays, and enter the Holiday function; If you want to exit the Holiday function, please press the "Function Confirmation Button" and select the Holiday function, and the "Holiday Icon" is still in blinking, press down the "Function Confirmation Button", the Holiday Icon will be off, and the Holiday function is exited.



Caution

Before activating the Holiday function, please empty the refrigerating chamber to avoid spoilage.

3. Fuzzy Function Setting

In Fuzzy status, refrigerator will adjust the temperature setting automatically according to the ambient temperature and the temperature within the refrigerator. No manual control is required. In the unlocked status, press "Function Select Button", select the Fuzzy function, then "Fuzzy Cursor" will blink, press down the "Function Confirmation Button", the Fuzzy Icon will display and enter the function of Fuzzy; if you want to exit the Fuzzy function, please press the "Function Select Button", select the Fuzzy function, the "Fuzzy Icon" is still blinking, press down the "Function Confirmation Button", the Fuzzy Icon will off and the Fuzzy function is exited.

4. Super Cooling Function Setting

Super Cooling function is to meet the temperature setting rapidly for refrigerating chamber food storage; it can contribute to a long-term preservation for food. If you put too much food in the refrigerating chamber at a time, please select to use it accordingly. In the unlocked status, press "Function Select Button", select the Super Cooling function, at this time the "Super Cooling Icon" is blinking, press down the "Function Confirmation Button", the Super Cooling Icon displays, and enter the Super Cooling function; If you want to exit the Super Cooling function, please press the "Function Confirmation Button" and select the Super Cooling function, and the "Super Cooling Icon" is still in blinking, press down the "Function Confirmation Button", the Super Cooling Icon will be off, and the Super Cooling function is exited.

5. Super Freezing Function Setting

Super Freezing function is designed to maintain the nutritional value of food inside the freezing chamber, it will completely freeze the food in a short time. In the unlocked status, press "Function Select Button", select the Super Freezing function, at this time the "Super Freezing Icon" is blinking, press down the "Function Confirmation Button", the Super Freezing icon displays, and enter the Super Freezing function; If you want to exit the Super Freezing function, please press the "function confirmation button" and select the Super Freezing function, and the "Super Freezing Icon" is still in blinking, press down the "Function Confirmation Button", the Super Freezing Icon will off, and the Super Freezing function is exited.



Caution

Select Super Cooling or Super Freezing functions in Fuzzy status, the Fuzzy status will exit automatically; additionally, select Fuzzy function in Super Cooling or Super Freezing status, the Super Cooling or Super Freezing status will exit automatically.

6. Lock/Unlock Functions Setting

In unlocked status, press "Function Select Button", select the Lock function, the "Lock Icon" blinks, press down the "Function Confirmation Button", the Lock Icon displays, and enter the locked status; In the locked status, press down the "Function Confirmation Button" for 3 seconds, the Lock Icon will be off and the locked status is exited. In the locked status, the functional controls of refrigerating temperature, freezing temperature, Light Wave Fresh, Holiday, Fuzzy, Super Cooling and Super Freezing are not available.

7. Temperature Setting and Control

1) Control of Freezing Temperature

In the unlocked status, press "Freezing Chamber Temperature Control Button", the original freezing chamber setting temperature start to blink. Enter freezing chamber temperature setting status, since then for each single press of this button, the freezing chamber setting temperature is displayed in cyclic form by "-14, -15, -16, -17, -18, -19, -20, -21, -22", if no button-pressing operation is initialed over 5 seconds, the blinking will stop and confirm the current temperature setting value.

2) Control of Freezing Temperature

In the unlocked status, press "Freezing Chamber Temperature Control Button", the original freezing chamber setting temperature start to blink. Enter freezing chamber temperature setting status, since then for each single press of this button, the freezing chamber setting temperature is displayed in cyclic form by "09, 08, 07, 06, 05, 04, 03, 02, 01", if no button-pressing operation is initiated over 5 seconds, the blinking will stop and confirm the current temperature setting value.

3) In the status of Holiday, Fuzzy and Super Cooling, the refrigerating temperature control is not available; in Fuzzy and Super Freezing status, the freezing temperature control is not available.

8. Alarm Function

Open-door Alarm Function. When the refrigerator door is left open for a long-term period or not closed in tight, the refrigerator will sound a buzzer in a time interval to reminding you close the door immediately.

9. Energy-saving Display Control Function

30 seconds after button-pressing operation, display screen backlight and press-button light will be off, this could save electric energy. When pressing any key or opening the door, resume the display panel lighted status. The corresponding press-button light will activate for button-pressing operation

10. Power Outage Memory Function

When refrigerator has a power outage, the instantaneous working status during the outage is memorized. After the power is on, the refrigerator will still run according to the setting tags and function states before the power outage.



Caution

The Lock function is not memorable. The refrigerator is at unlocked status when the power is on.

About Refrigerating Chamber

■ Please put the frequently-eat or short-term storage food into refrigerating chamber

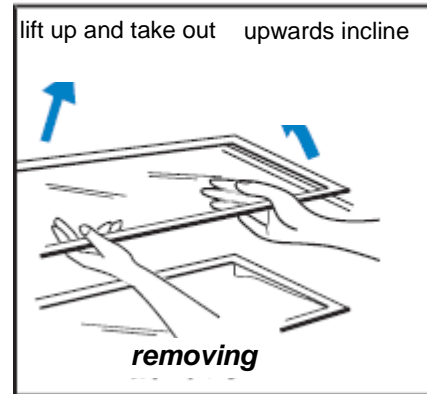
Adjusting the temperature level can maintain the average temperature between 0-10 °C for most of the areas in the refrigerating chamber, but it can not make long-term preservation for food, and the refrigerating chamber can only be used as a short-term storage chamber.



■ The height of shelf is adjustable

Adjust the shelf to a suitable height for food storage.

Please remove the shelf when adjusting the height. The remove method is: raise the shelf in upwards incline direction, then lift it up, and the shelf is removed. When placing it, push-in the joint along the pad to lower front-end of the shelf and then insert into the groove.

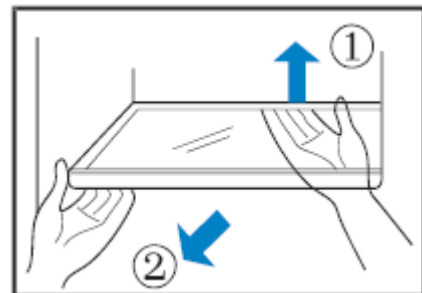


Caution

Make sure the both ends of shelf are on level position. If it can not maintain the level position, the shelf may fall or the food may drop out.

■ The Remove of Crisper Cover

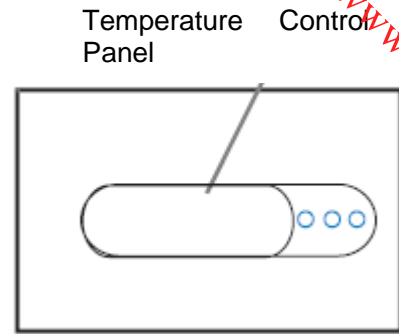
First take out the Crisper Cover and put it to a suitable position, then uplift the back-end of the cover in a direction ① then pull it out in a direction ②.



About Refrigerating Chamber

■ Full Wid. Drawer

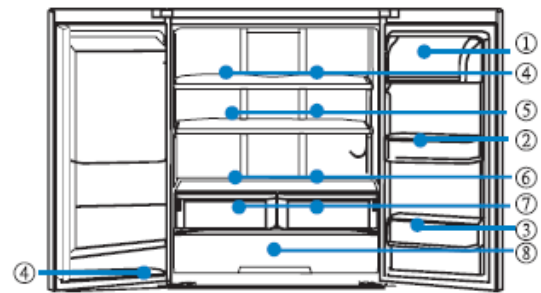
- Left slide the moisture control knob to increase the cool air access to the full wid. drawer, so a relatively low temperature is kept in the full wid. drawer.
- Right slide the moisture control knob to decrease the cool air access to the full wid. drawer, so a relatively high temperature is kept in the full wid. drawer.



■ Storage area recommendation for different kinds of food

Due to the cold air circulation inside the refrigerator, there are temperature variations at different parts inside the refrigerator, so different kinds of food should be placed in different temperature zones.

- ① eggs, butter and cheese, etc
- ② zip-top can, tin can and seasoning, etc
- ③ beverages and other kinds of bottled foods
- ④ pickled food, tin can, etc ©meat products and snack foods, etc
- ⑥ wheaten food, noodle, tin, milk and tofu, etc
- ⑦ fruits, vegetable and salad, etc
- ⑧ cooked meat and sausages, etc

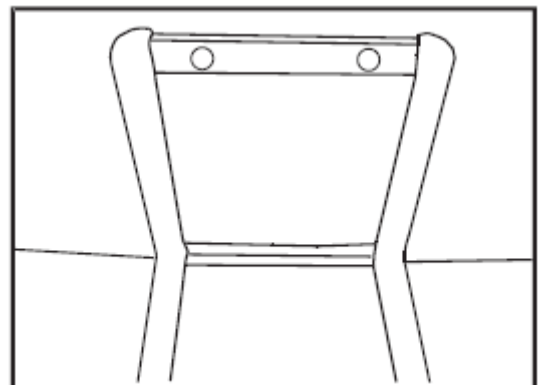


■ Refrigerating Chamber Light and Its Replacement



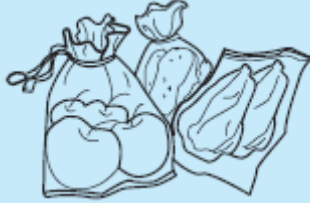

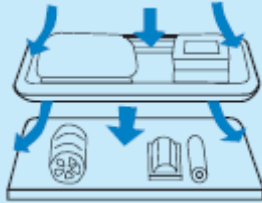

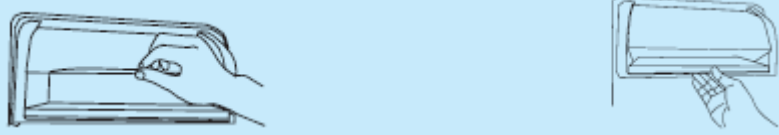
Parameters for each light: DC12V- , 2W

The light is LED light with low energy consumption and long operation life.

If any unusual activity occurs, do not remove it at your own discretion, please contact after-sale service personnel immediately for a replacement.



Precautions for Refrigerating Food

<p>Do not put hot food into the refrigerator before cooling it to room temperature.</p> 	<p>Put the food into the refrigerator for storage after it is cleaned and dried from the water drops.</p> 
<p>Food must be sealed before being put into refrigerator so as to prevent water from evaporating and keep fruits and vegetables fresh, and also to avoid the food tainted by odors.</p> 	<p>Food should be refrigerated in classifications. Manage the foods according to their classifications. Daily diet food should be put at the front of the shelf so the doors do not need to keep open for a long time, also no food expiration will occur because of oblivion.</p> 
<p>Do not overfill the food in the refrigerator, separate the foods accordingly and left spaces for cold air circulation, so that a better refrigerating result can be achieved.</p> 	<p>Food storage should not be too close to the inner wall. The higher moisture contented food should not be close to the shelf inner wall to avoid being frozen, so please keep some distance from the inner wall when managing the food.</p> 
<p>When managing and taking food from diary box, please open and close the diary box according to the below processes in order to avoid hand stuck.</p> 	



Caution

The food in the refrigerator, especially greasy food that keeps in touch with the liner for a long-term period, will cause corrosion to the liner. Avoid possibly direct contact between food and the liner. When the liner is stained with oil, please clean it in a timely manner.

Smart Use of Refrigerating Chamber

- Leaves of radish food should be cut off to prevent the nutrients absorption by the leaves.
- Put the frozen food into refrigerating chamber for deforestation, this can refrigerate the food with the low temperature from the frozen food and also for energy saving.
- There are some foods such as onion, garlic, ginger, water chestnuts, roots etc, they can be preserved under normal temperature for a long time without refrigeration.
- Other foods like zucchini, muskmelon, papaya, banana, pineapple are not suitable for refrigeration because it will accelerate their metabolism. But if they are unripe fruits, they can be stored in the refrigerating chamber for a certain period of time for the maturation.



Caution

When ambient temperature in winter is between 0-1°C and the lower refrigerating chamber temperature is relatively as low as around 0°C, then the vegetable and fruit should be stored into the upper refrigerating chamber to avoid frost damage.



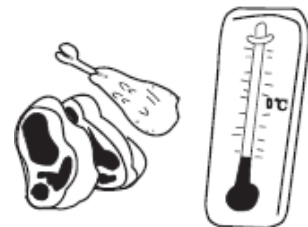
Caution

While upon closing the left door of refrigerating chamber, make sure the vertical brace is closed on position, otherwise, the door can not be closed tightly and for a long time, it will cause the temperature rising inside the refrigerator and alarming

About Freezing Chamber

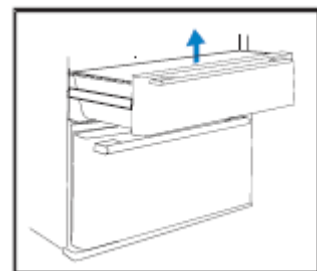
■ Freezing chamber is for long-term food storage

Low temperature in the freezing chamber can keep food fresh for a long time, so the best way for long-term food preservation is to put the food into the freezing chamber, but it should comply with the storage durations noted on food packaging.



■ About Freezer Small Drawer

- The freezer small drawer is equipped with an all-in-one ice maker.
- For ice taking, please detach the ice storage box from the all-in-one ice maker and take out the ice block.
- If larger capacity is required by user, please just take out the freezer small drawer while keeping the freezer large drawer closed, then you could take out or put in a large amount of food from/to the freezer small drawer.



Smart Use of Refrigerating Chamber

■ The Adjustment of Freezer Large Drawer Board

For better convenience of food storage, the refrigerator is equipped with freezer large drawer board, this board can divide the freezer large drawer into two parts, the user can adjust the position of the board according to their food type.



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About Freezing Chamber



Warning

Please take good care of your children and pets, do not let them play in the drawer in case of any unnecessary harms. Please do not dismantle the freezing drawer plate.

■ Freezing Chamber Light and Its Replacement

(If any malfunction occurs, please contact after-sale service personnel for a replacement with following procedures)

Light parameters: DC12V-, 1W

If any unusual activity occurs, do not remove it at your own discretion, please contact after-sale service personnel immediately for a replacement.

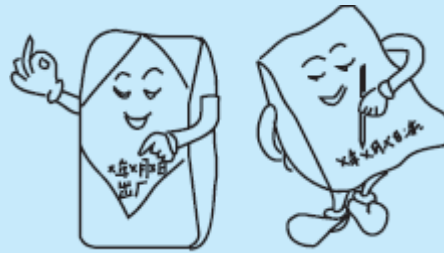
■ Frozen Food Precautions

Divide the food into appropriate small portions in order to freeze it entirely. It also can better guarantee the quality when defrosting and cooking. Each portion of food should not be heavier than **2.5kg**.



Do not put too much fresh food into the freezing chamber per time; you'd better refer to the freezing ability of the refrigerator. (please refer to "Technical Data")

Pack the food and keep the package outer surface dry before freezing in order not to be frozen together. The packing material should be tasteless, airtight, watertight, non-toxic, free of contamination in order to avoid odor and quality deterioration.

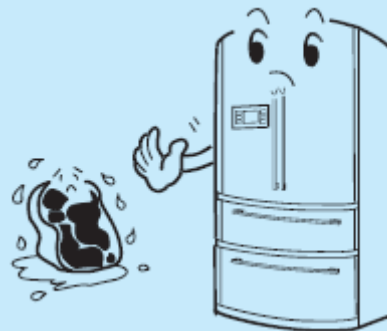


About food storage, you should mark the date, deadline and name on the food packing bag according to its storage duration to avoid food expiration.

Do not put hot food into the freezing chamber before cooling to room temperature.



Principally, only take out required amount of food from the freezing chamber for deforestation, the defrosted food can not be re-frozen unless it is cooked, otherwise it will affect its taste quality.

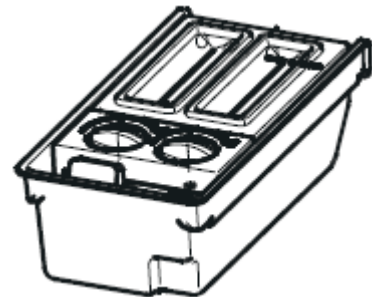


Usage of Ice Maker

■ Usage of Ice Maker in the Freezing Chamber

Ice-making

Insert water at the scale line of the measuring cup into each ice tray and put the tray into the freezing chamber to freeze. After freezing, turn the knob in turn with hands and the ice cubes will drop into the ice receiver automatically. Ice cubes can be taken out directly from the ice receiver.



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Cleaning and Disuse

■ Frost Removing of the Freezing Chamber

Automatic way of frost removing is applied in the freezing chamber of this refrigerator. Manual operation is not in need.

■ Cleaning

- Food left in the refrigerator will release harmful stink, so periodic cleaning is in need.
- Unplug the power supply plug before cleaning for safety.
- Dip soft towel or sponge to warm water (neutral detergent may be added) to clean the refrigerator. Wipe out water on the surface of the refrigerator with dry towel.



Caution

Scrubbing brush, wire brush, abrasive (such as tooth paste, cleanser and etc), organic solvent (such as gasoline, banana oil, acetone and etc), hot water, acid or base are forbidden from cleaning the refrigerator.

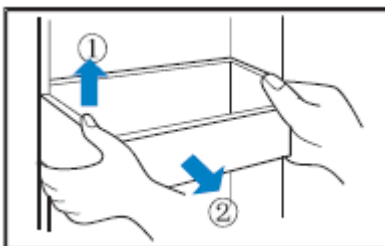


Caution

- ① For the refrigerator is quite heavy; protect the ground when you move the refrigerator for cleaning and maintenance. Keep the refrigerator standing in movement. Shake is forbidden to protect the ground.
- ② Spraying is avoided in cleaning to guarantee the electrical insulation.
- ③ In the cleaning of electrical parts like the switch and the lamp, dry wiping must be applied after electricity is cut down.
- ④ Wet hands is forbidden from touching the surface of the freezing chamber parts to avoid sticking of the skin to the parts.
- ⑤ Hot water is forbidden from cleaning the icy glass shelves to avoid physical damage and treasury loss due to break of the glass resulted by severe change of temperature.
- ⑥ The door seal is easy to smear. Please keep it clean.

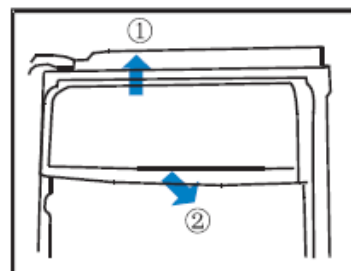
■ Cleaning of the Bottle Seat of the Door

Hold both sides of the bottle seat; lift it up in direction ① and then pull it out in direction ②. Bottle seat can be fixed in the reverse direction after cleaning.



■ Cleaning of the Dairy Box

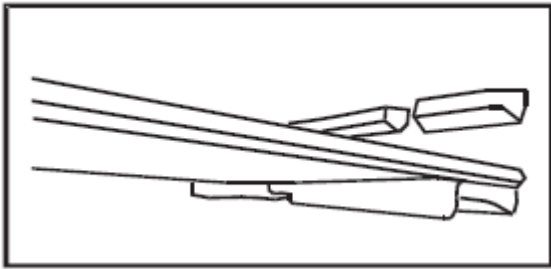
Hold both sides of the dairy box with your hands, lift it up in direction ① and then pull it out in direction ②. It can be fixed in the reverse direction after cleaning.



Cleaning and Disuse

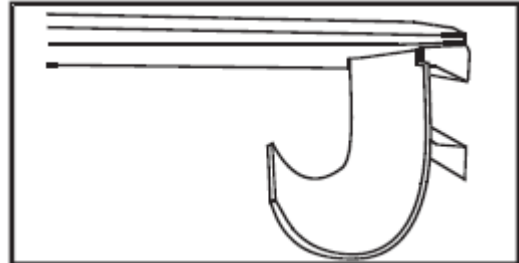
■ Cleaning of the Freezing Refrigerator Shelf

Lift the shelf up and pull it out forward. Dip soft towel or sponge to warm water (neutral detergent may be added) to clean the shelf. It can be fixed in the reverse direction after cleaning.



■ Cleaning of the Wine Shelf

Simply lift the shelf up. Dip soft towel or sponge to warm water (neutral detergent may be added) to clean the shelf. It can be fixed in the reverse direction after cleaning.

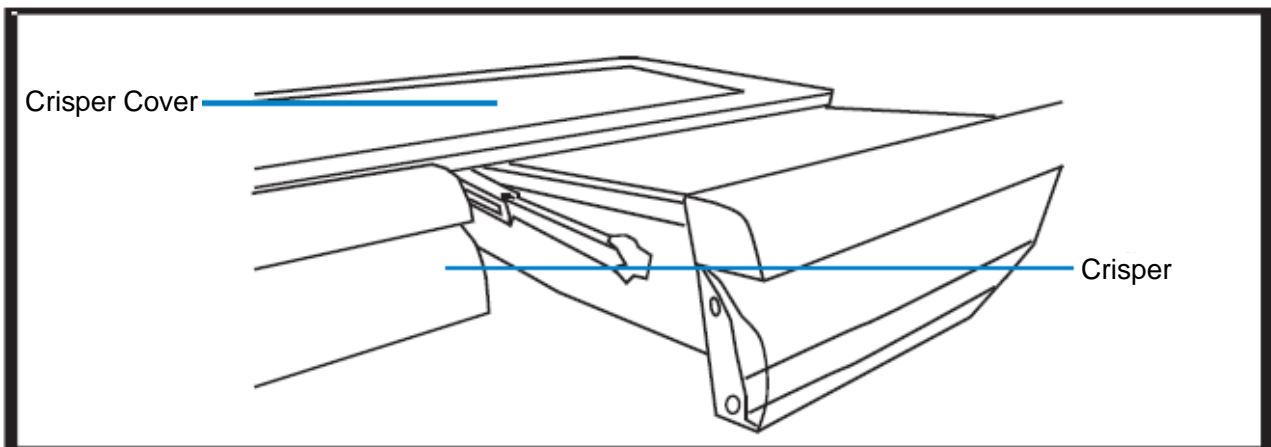


■ Cleaning of the Crisper

Simply pull the crisper out and lift it up. Dip soft towel or sponge to warm water (neutral detergent may be added) to clean the crisper. It can be fixed in the reverse direction after cleaning.

■ Cleaning of the Crisper Cover.

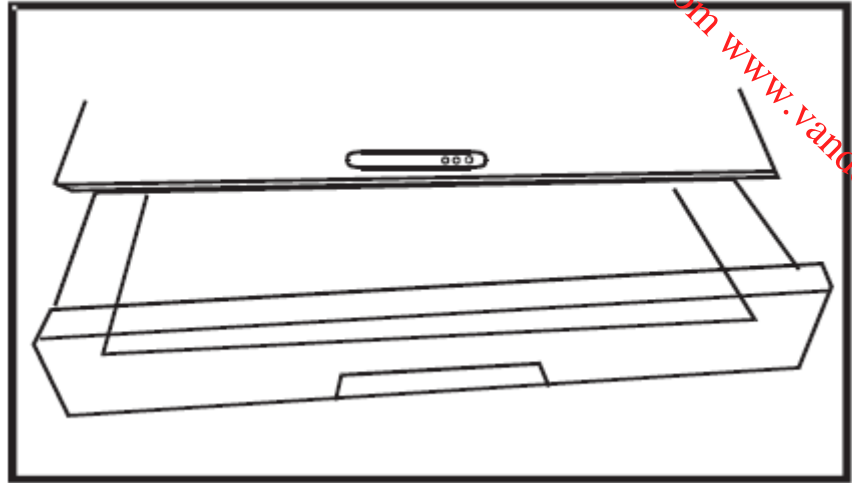
Get the crisper down and lay it in a proper place. Lift the cover up and pull it out forward. Dip soft towel or sponge to warm water (neutral detergent may be added) to clean the cover (notice that the cover is made of glass plate and plastic shelf. Attention should be paid to the glass plate to avoid damage.). It can be fixed in the reverse direction after cleaning.



Cleaning and Disuse

■ Cleaning of the Rectangle Drawer and Its Cover

Pull the drawer out forward and lift it up; get the crisper and the drawer down and lay them in a proper place. Then lift the cover up and pull it out forward. Dip soft towel or sponge to warm water (neutral detergent may be added) to clean the drawer. It can be fixed in the reverse direction after cleaning.



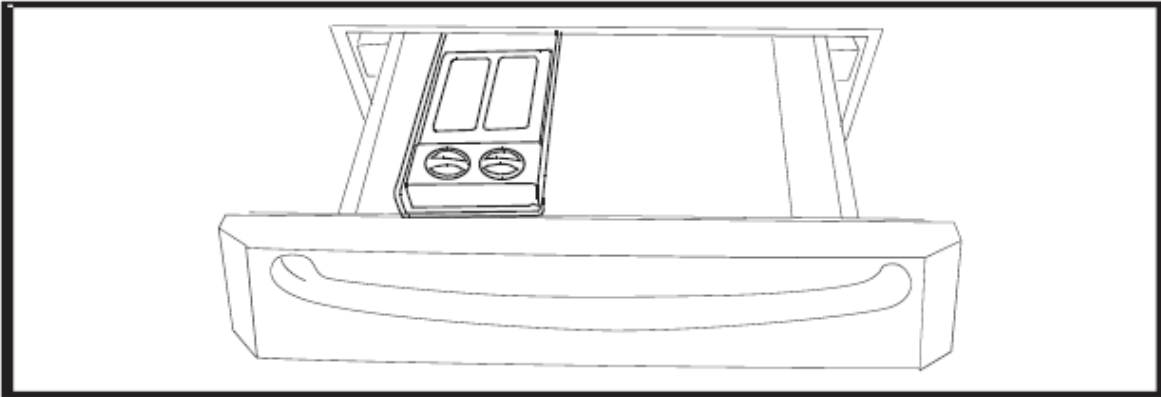
Cleaning and Disuse

■ Ice Maker in the Freezing Chamber

Get the ice maker out of the freezer small drawer. Dip soft towel or sponge to warm water (neutral detergent may be added) to clean. Simply place it back into the small drawer after cleaning.

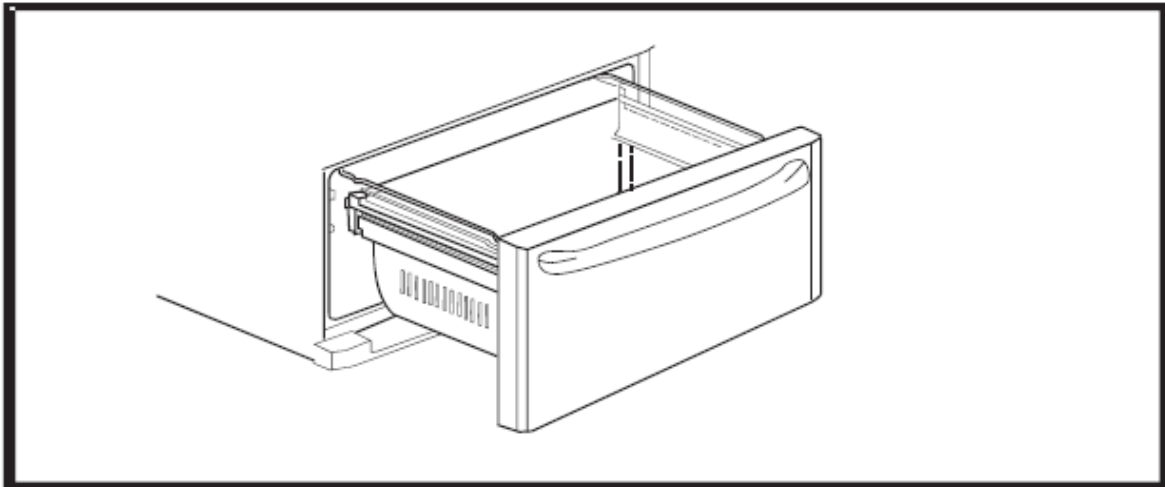
■ Freezer Small Drawer

Simply pull the freezer small drawer forward and lift it up. Dip soft towel or sponge to warm water (neutral detergent may be added) to clean the drawer. It can be fixed in the reverse direction after cleaning.



■ Freezer Large Drawer

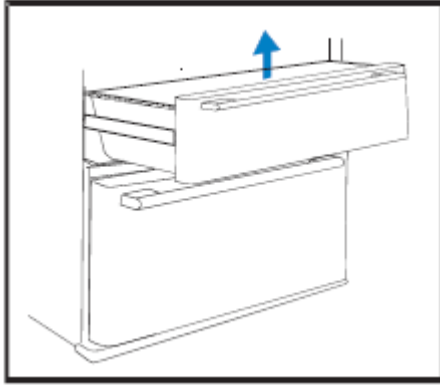
Simply pull the freezer wire frame forward and lift it up. Dip soft towel or sponge to warm water (neutral detergent may be added) to clean the small drawer. It can be fixed in the reverse direction after cleaning.



Cleaning and Disuse

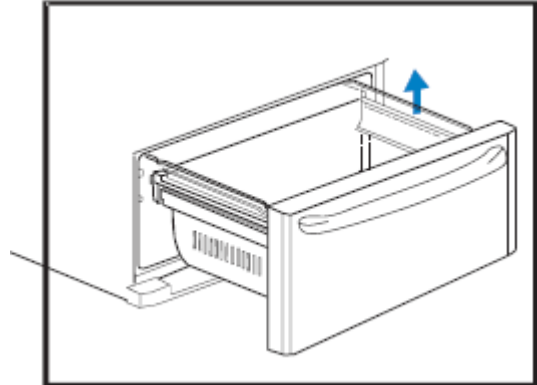
■ Disassembly and Assembly of Freezer Small Door

Pull the freezer small drawer out. Then lift up the freezer small door and pull it up to get the freezer small door down.



■ Disassembly and Assembly of Freezer Large Door

Pull the freezer large drawer out. Then lift up the freezer small door and pull it up to get the freezer large door down.



Suspension

■ Treatment of Power Failure

Within 1-2 hours of power failure, the refrigerator can undoubtedly store food. If the power failure lasts over 24 hours, frozen food will all unfreeze.

- Never place more food into the refrigerator after power failure. Open the door of the refrigerator as few times as possible. ● If the power failure is known in advance, more ice cubes should be made and placed in leakproof container to lie on the upper side of the refrigerating chamber.



Caution

Temperature upturn within the freezing chamber due to power cut or other causes will shorten the shelf time and lower the eating quality of the food.

Cleaning and Disuse

■ Disuse

In need of a rather long suspension of use, power supply plug of the refrigerator should be plucked to cut the power, and clean the refrigerator following means as mentioned above.

The door of the refrigerator should be open in suspension of use to prevent the small amount of food left producing harmful stink.



Cleaning and Disuse



Caution

Never use the refrigerator in common situation in avoidance of impact on the work life of the refrigerator.

After the power supply plug is plucked, at least 5 minutes should be suspended before a second plug.

■ On Vacation outside

In case of long vacation outside, please cut off the electricity and get the food out. After the frost is melted away, clean the internal. Open the door of the refrigerator to prevent food left producing harmful stink.



Warning

After the stools are out of work, they are to be properly handled or handed to professionals. Never throw them away at will to prevent harming the environment or provoking other dangers.

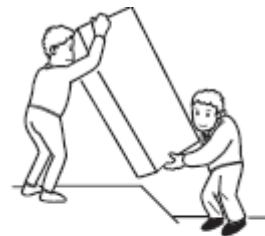
■ In Movement

Pluck the power supply plug to cut off the power. Take all food out of the refrigerator.

Fix moving parts like the refrigerating chamber shelf, crisper and freezing chamber shelf with tapes.

Close the door of the refrigerator tightly and fix it with tapes to prevent open in the movement.

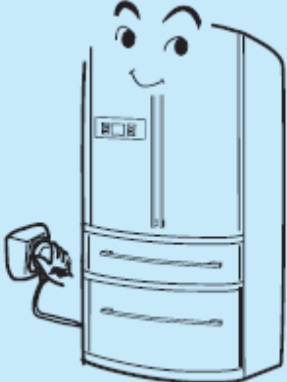
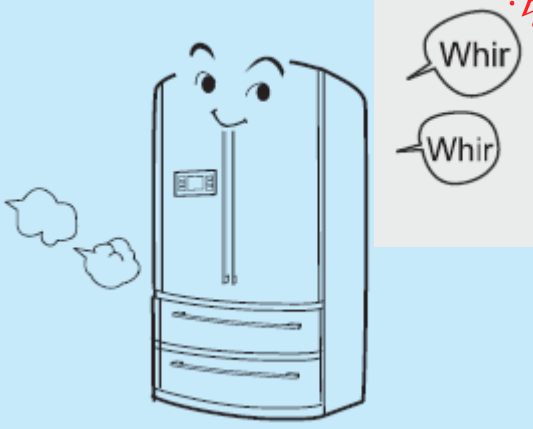
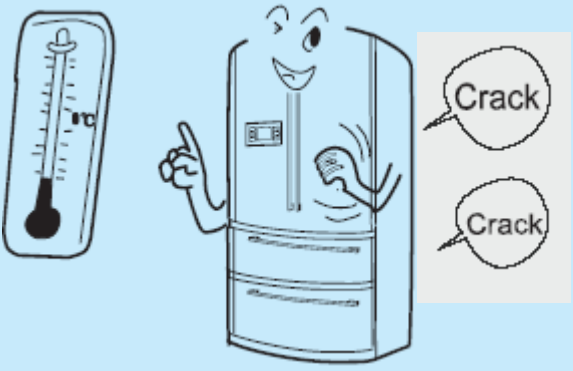
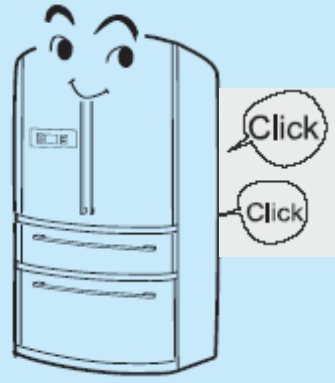
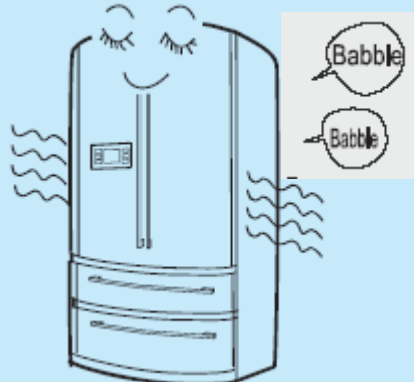
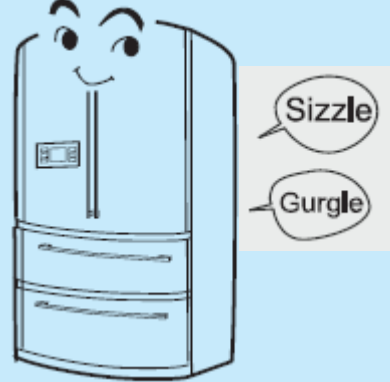
In the movement of the refrigerator, the maximum inclination angle should be less than 45 degree (angle in the vertical direction) to prevent damage to the ice-making system to impact the normal use.



Forbidden

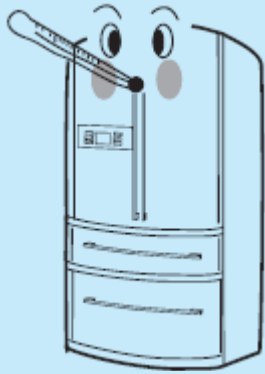
Never lay the refrigerator down.

FAQ (strange voice in refrigerator)

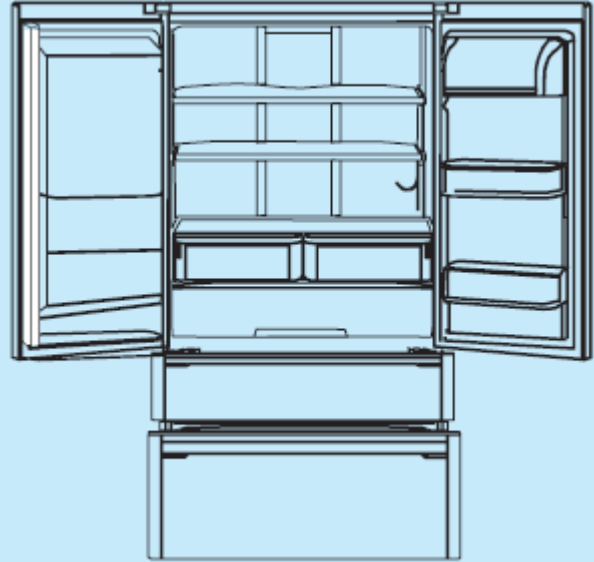
<p>When running the refrigerator at first time, there will be a loud voice keeping for a short while, as it has not entered into a steady running status; the voice will come to be normal after it becomes steady.</p> 	<p>There will be a normal voice comes from working fan while the refrigerator is working.</p> 
<p>As the temperature changing occurs when the refrigerator's running, things in refrigerator will expand or contract frequently, so there will be a pit-a-pat from evaporator and pipelines.</p> 	<p>Tap-tap is a normal sound when the compressor is working, or when you are starting up or shutting down the refrigerator.</p> 
<p>When liquid refrigerant is flowing in the evaporator, it will produce a voice that sounds like water flow. Normally, this voice is heard in evaporator and compressor; when the refrigerator stops working, such voice may also continuously or discontinuously occur due to the backflow of liquid working substance.</p> 	<p>When working the defrosting cycle, water drops onto the hot filament will lead a sound like "Chi-Chi". After the cycle gets completed, there may occurs small cracking sounds, and a boiling sound or "Gu-Gu" sound may be heard from evaporator. These are the normal sounds during defrosting operation.</p> 

FAQ (fever and sweating)

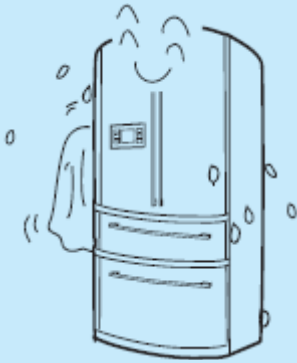
When refrigerator used for the first time, long-time working may cause high temperature of body and compressor, which is a normal phenomenon.



When refrigerator runs for long hours, the surface of the erect-beam installed on the left door of the refrigerating chamber and the door body will be warm, this is a normal phenomenon which is mainly designed to prevent condensation phenomenon.

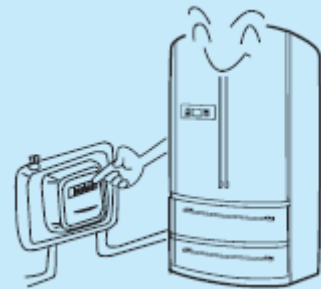


Water droplets may appear on outside surface and center beam between doors when air humidity is high, just mop them with soft cloth.



Caution

The rated power consumption labeled on refrigerator is in accordance with the national standard. Under a 25°C environmental temperature, temperatures keep in refrigerating chamber and freezer are 5°C and -18°C, which are measured from a 24 hours steady running. And it is normal phenomenon that, the actual power consumption is higher than the rated one, if there are many foods inside the refrigerator, or the environmental temperature is high, or doors are frequently opened.



After Service

Please check and handle the refrigerator in following methods if its running status is abnormal. If the problem still can not be solved, please contact the service centre. Please provide the specific product's model and name, annex details and serial number. (Please see relevant information on refrigerator's nameplate).

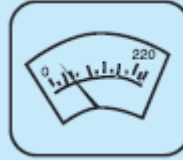


Please verify following matters before maintenance.

Doesn't work



Do the plug, socket and fuse are connected; if the power switch is turned off?



Is the supply voltage too low?

Light doesn't shine



Is the bulb out?

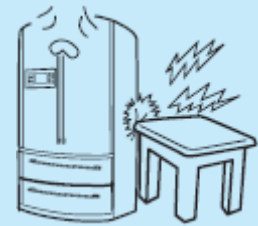


Is the power supply connected?

Significant noise



Is the ground level, or is the refrigerator placed steadily.



Does some parts of refrigerator contact with a wall or other objects

Temperature inside refrigerator is not low enough



Check to see if the doors haven't been tightly closed, or if it is too often to open the doors, or are the doors opened to long.



Whether the temperature level is set too high, if is, please reset. (For details, please refer to *Product Function*).



Is the refrigerator directly shining by sun or near a heat source, such as stoves and heaters.



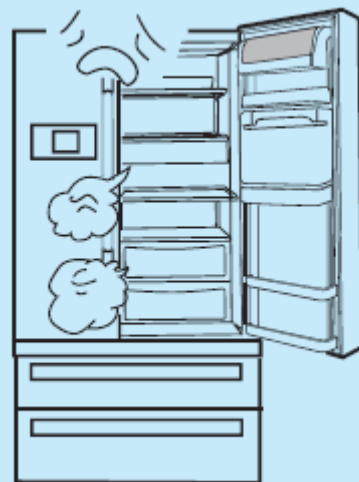
Inadequate ventilation, if something there cover the condenser in the back of the refrigerator, or if the refrigerator can not achieve a ventilation from both side.

After Service

■ Please verify following matters before maintenance.

Running too long, or shutdown too often.

- It is normal for a long startup in first use.
- Once put too many foods in for cooling or freezing.
- Doors haven't been closed tightly, or doors can not be closed as some foods there blocking it.
- Open doors too often.
- Hot weather
- Temperature level set too high, refer to paragraphs about inadequate ventilation in *Getting Started*.



Frost or ice crystals appear on foods.

- Frost inside frozen-pack is normal
- Doors haven't been closed tightly, or doors can not be closed as some foods there blocking it.
- Doors are too often to open or too long
- Foods are too close to the ventilation slots

Peculiar smell in refrigerator

- Odorous foods shall be packed.
- Check to see if any foods were deteriorated.
- Refrigerator interior needs to be cleaned.



■ Meaning of crossed out wheeled dustbin:

Do not dispose of electrical appliances as unsorted municipal waste, use separate collection facilities . Contact you local government for information regarding the collection systems available. If electrical appliances are disposed of in landfills or dumps,hazardous substances can leak into the groundwater and get into the food chain,damaging your health and well-being.

When replacing old appliances with new ones, the retailer is legally obligated to take back your old appliance for disposals at least free of charge.

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