

Household Refrigerator

HRF-349NAA
HRF-369NAA

Haier

User's Manual

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- Read this User's Manual carefully before using the appliance.
- Look after this Manual so that you may consult it in future.
- The design, color and door pattern may vary from type to type of the appliance.

Primary features

(1) Four temperature zones

Four temperature zones for satisfaction of varied storage needs

(2) 0°C zone

Temperature ranges between -2°C and +3°C for storage of fresh and uncooked food with an ideal outcome of nutrient contents preservation.

(3) -7°C storage

Food stored in the wide-temp zone (-7°C) requires no preservice defrosting and additional labor on processing but well keeps the nutrient value.

(4) Automatic temperature control

In Fuzzy mode, the appliance adjusts inside temperature automatically according to variation of ambient temperature conditions for an optimized cooling performance.

(5) Over temp alarm

The alarm function is activated when temperature exceeds the set temperature value.

(6) Holiday mode

The appliance keeps operation but consumes the least energy while ensuring that no unwanted odor in refrigerator and remaining food in good condition.

(7) Fresh food basket

The basket is designed for storage of fresh vegetables in an extended period.

(8) Deodorizer

The deodorizer incorporates advanced biological sterilization technology to exterminate most bacteria and bacillus and remove bad odors in the air.

(9) VFD flashing display

Application of vacuum fluorescence technology for display of the refrigerator operation status.

(10) 007 mode

The wide temp zone can be set for super freeze 007 mode for nutrient value preservation.

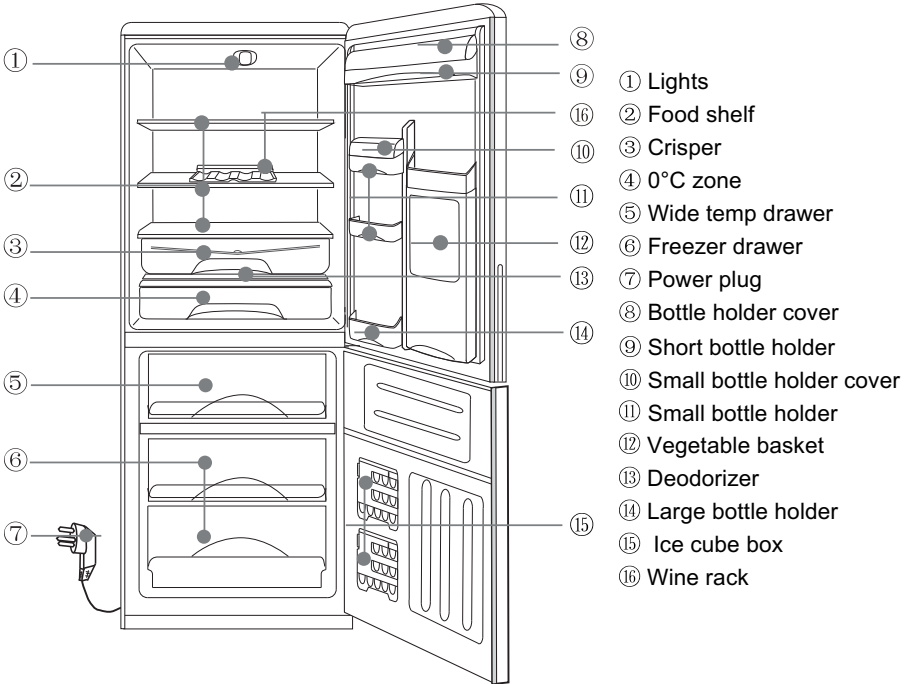
(11) Ice cube tray

An ice cube tray is installed inside the freezer door to avoid odor contact.

(12) Touch control

The appliance uses a touch control panel with sensitive performance and elegant design.

Parts and features



Warning: The plug should be accessible after the appliance positioned.

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

Warning: The appliance is not intended for use by young children or infirm persons without supervision.

Warning: Young children should be supervised to ensure that they do not play with the appliance.

Warning: Keep ventilation openings in the appliance enclosure or in the built-in structure; clear of obstruction.

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

Warning: Do not damage the refrigerant circuit (applicable only for appliances with refrigeration circuits which are accessible to the user).

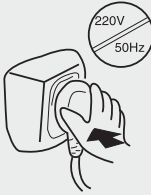
Warning: Do not use electrical appliances inside the food storage compartments, unless they are of the type recommended by the manufacturer.

Technical data in this manual may vary from that of the refrigerator you have just purchased due to technical improvement.

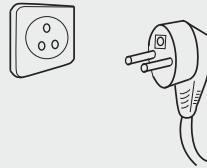
Safety precautions

This refrigerator requires a 220-240V /50Hz supply

Failure in operation and damage to the control panel, thermostat or the compressor will occur if voltage is outside the range 187-242V unless a regulator with a capacity of over 750W or higher is installed.

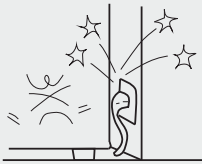


A separate earthed socket is required.



Care for external cable

- * Hold the plug, not the electric cable, when unplugging the appliance.
- * Ensure that the electric cable is not trapped by the appliance.
- * Do not step on the cable. Avoid damage to the electric cable when moving the appliance.



Damaged electric cable

When the electrical cable is damaged or worn, turn off the appliance and consult to an authorized service agent for replacement.



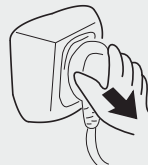
If inflammable gas leaks in the vicinity of the appliance

- * Turn off any leaking valve;
- * Open the doors and windows;
- * Do not, under any circumstances, unplug electrical appliances in the vicinity of the leak.



Unplug the appliance for the following:

- * Cleaning or maintenance;
- * Replacement of lamp



Safety precautions

Never store inflammable, explosive or corrosive materials in the appliance.



This appliance should only be used for household purpose and cannot be used for storage of blood, pharmaceuticals and microbiological products.



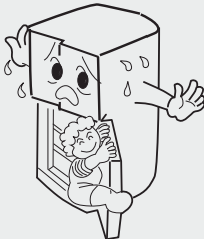
Do not install the appliance near gasoline or other inflammable articles.



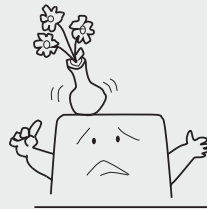
Don't place electrical plugs, regulators or microwaves on top of the appliance. Don't use electric appliances (Except those allowed by manufacturer) inside the appliance.



Do not swing on or apply excessive pressure to the appliance door.



Don't place heavy or unstable articles or water containers on top of the appliance.

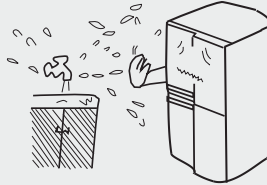


Safety precautions

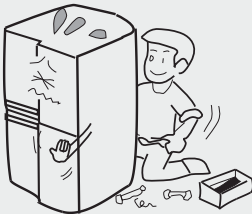
Do not touch inside surface of freezer compartment in operation, especially with wet hands as hands may freeze onto the surface.



Do not spray or splash the appliance when cleaning the appliance, nor place the appliance in a damp area.



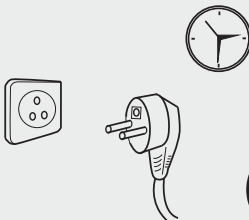
Disassembly, renovation or cooling system maintenance of appliance must be authorized.



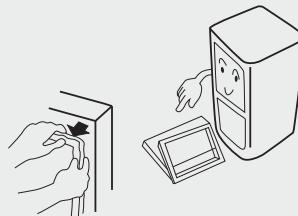
Never store bottled beer or beverages in the freezer compartment.



Unplug the appliance in the event of a power interruption or during cleaning. Allow at least 5 minutes lapse before restarting the appliance.

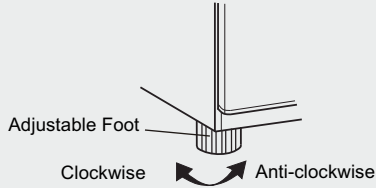


Remove the appliance door and door seal if the appliance is discarded to prevent accidental entrapment in the appliance.

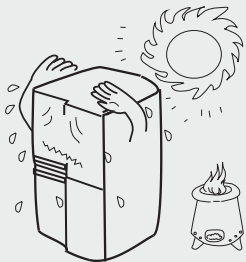


Location

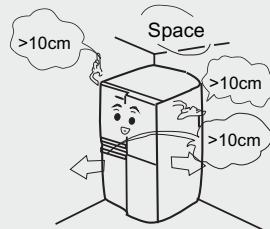
The appliance should be placed on a flat and solid surface. If the appliance is placed on a plinth, flat, strong and fire-resistant materials must be used. The front black foot of the appliance can be adjusted clockwise or anti-clockwise to lift or lower the appliance if it is placed on an uneven surface.



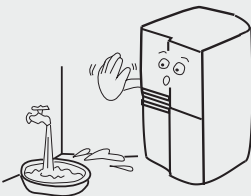
The appliance shall be placed away from heat sources or direct sunlight.



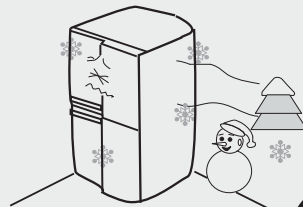
The appliance should be placed in a well-ventilated area, and a space of 10cm or more should be allowed around the appliance.



Never place the appliance near to a water source. Clean and dry any water splashes and stains with soft cloth.



Never operate the appliance in low ambient temperature (below 5°C) or outdoors.

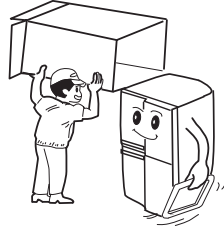


Preparation

1

Unpacking

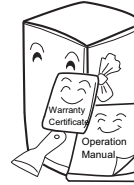
Remove all packing materials.



2

Check attached accessories and materials.

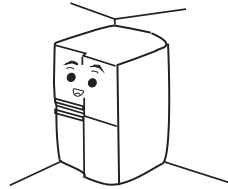
Check if all accessories specified in the Packing List are available. Contact the local distributor if shortage is found.



3

Ensure that the appliance is properly located.

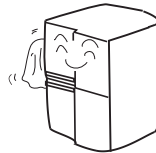
(See section "Location")



4

Clean the appliance before using.

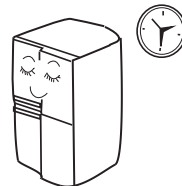
(See section "Cleaning")



5

Time lapse before power supply

Connect the appliance to power source at least 30 minutes after the appliance is sited and cleaned.



Caution: After unpacking, write down the model and manufacture number of the appliance on the Warranty Certificate which will be required if technical services are applied for.

Operation

1 Connection to power supply

When the appliance is connected to a power supply, the Fuzzy mode is set, icon of the mode goes on, and temperature in wide temp and freezer zones are displayed, default time is 12:00 and icon of freezer coruscates.

2 Setting of operation mode

Suggestion !

Regardless of irrespective fluctuations in ambient temperature, selection of the Fuzzy Operation Mode will guarantee the most efficient and energy-saving operation of the appliance.

Either of the following operation modes can be selected.

(1) Fuzzy mode: If no special requirement is intended, it is recommended that fuzzy mode be used. Hold Fuzzy button pressed for 3 seconds until the icon appears. The appliance is then operational automatically. (Refer to section "Functions").

(2) Manual mode: In lock-off mode, press temperature button for temperature adjustment. (See section "Functions")

3 Loading the appliance with food

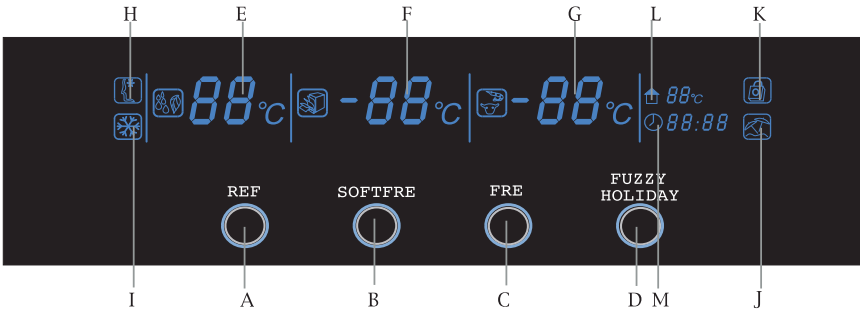
Load the appliance with food when the over temp alarm icon disappears, indicating that the set temperature of the appliance compartments has been reached.



Caution: Some time is required before reset temperature is reached. The length of this period depends on the extent of the temperature change, ambient temperature, frequency of door opening and amount of food in storage.

Functions

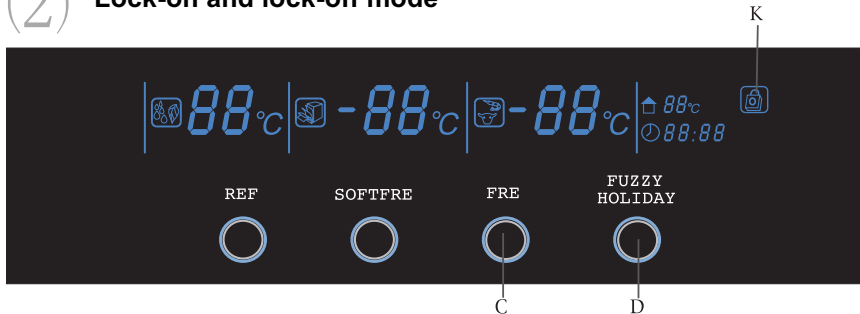
(1) Control panel



- A. Refrigerator/(pressed for 3 seconds in lock-on mode) Refrigerator ON/OFF
- B. Wide temp zone / (pressed for 3 seconds in lock-on mode) wide temp zone ON/OFF/ pressed for 3 seconds, 007 super freeze mode ON/OFF
- C. Freezer / (pressed for 3 seconds in lock-on mode) super freeze
- D. Fuzzy mode / (pressed for 3 seconds in lock-on mode) holiday mode
- C+D Lock-on and Lock-off
- E. Refrigerator average temperature display
- F. Wide temp zone average temperature display
- G. Freezer average temperature display
- H. Fuzzy mode icon
- I. Super freeze mode icon
- J. Holiday mode icon
- K. Lock-on mode icon
- L. Ambient temperature display icon
- M. Clock icon

Note: These block English letters in front of the phrases above listed will be used hereinafter to represent the phrases thereof.

(2) Lock-on and lock-off mode



In lock-off mode, if button C and button D are held pressed simultaneously, icon K appears;
In lock-on mode, if button C and button D are pressed simultaneously, icon K disappears and lock-on mode is inactivated and the following modes can be adjusted.

Functions

Caution !

The following functions 3, 4, 5 and 6 can be operated under Lock-off mode. (icon K disappears)

(3) Fuzzy mode (This section can be skipped if Manual Mode is set.)

* This mode is designed to ensure normal operation of the appliance under variable ambient temperature.

* Temperature in refrigerator is automatically adjusted according to variations of ambient temperature.

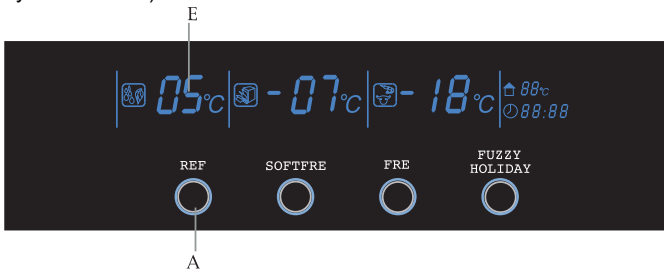


Hold button D pressed for 3 seconds then icon H will appear on the display screen and the fuzzy operation mode is set. Pressing button D again for 3 seconds until icon H disappears can inactivate the fuzzy operation mode.



Caution: In fuzzy mode, temperature of the refrigerator and freezer cannot be adjusted and super freeze mode cannot be set, but temperature in the wide temp zone can be reset.

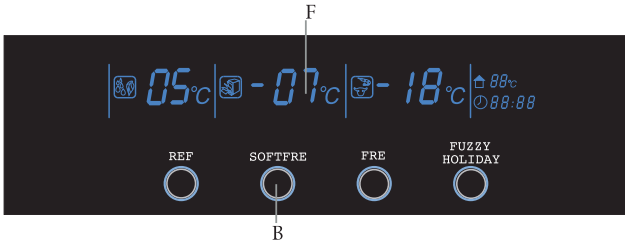
(4) Refrigerator setup and adjusting (This section can be skipped if Fuzzy mode is set.)



Press button A, E icon of current temperature value coruscates. Every press of button A will result in increase of refrigerator temperature by 1°C in a cycle from 2°C to 10°C. The current temperature icon will not coruscate and icon E will again display refrigerator average temperature screen 5 seconds later after last press of the button.

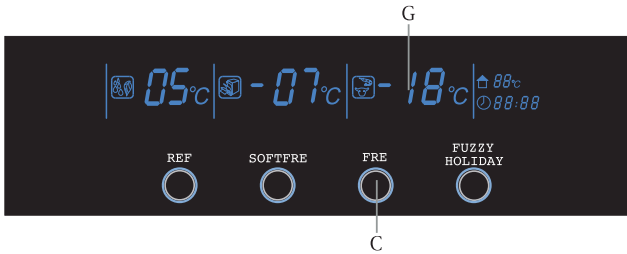
Functions

(5) Wide temp zone adjusting



The wide temp zone can be adjusted between -3°C and -18°C. If button B is pressed, icon F of current temperature will blink. Every press of button B will result in decrease of current temperature by 1 degree until -18°C. The cycle starts from -3°C. 5 seconds later after the latest press of any button, the indication of current temperature will cease blinking and icon F will display fridge average temperature.

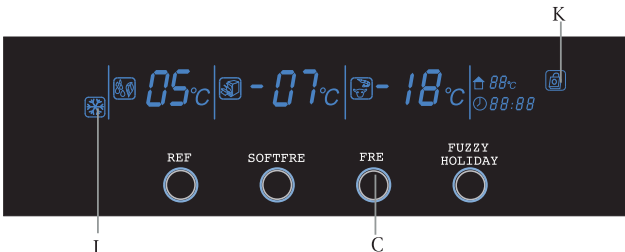
(6) Freezer adjusting (This section can be skipped if Fuzzy mode is set.)



Press button C, icon G will coruscate. Every press of button C will result in decrease of current temperature by 1 degree until -26°C. The cycle starts from -16°C. 5 seconds later after the latest press of any button, the indication of current temperature will cease blinking and icon G will display freezer average temperature.

(7) Super freeze (Super freeze mode cannot be set under Fuzzy mode.)

* Super freeze function is designed to preserve the nutritional value of food, as the food will freeze completely in the shortest period possible.



Functions

In lock-on mode (icon K appears), hold button C pressed for 3 seconds, then the super freeze mode can be set and icon I appears. The super freeze mode can be inactivated manually by holding button C pressed for 3 seconds in lock-on mode, then icon I disappears. This mode will cease automatically when preset operating period of the compressor finishes.



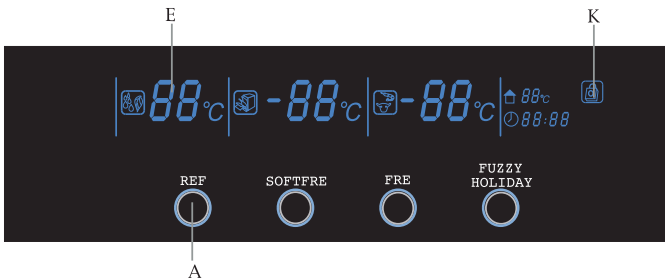
Caution: If super freeze mode is set, freezer temperature cannot be adjusted. Temperature of wide-temp zone and refrigerator can be adjusted if lock on mode is inactivated by pressing buttons C and D.

(8) Display function control



30 seconds after the latest setup, VFD brightness becomes weakened. 3 minutes later, VFD become black automatically. If temperature in freezer is too high and the over-temp alarm is activated, VFD will not become black.

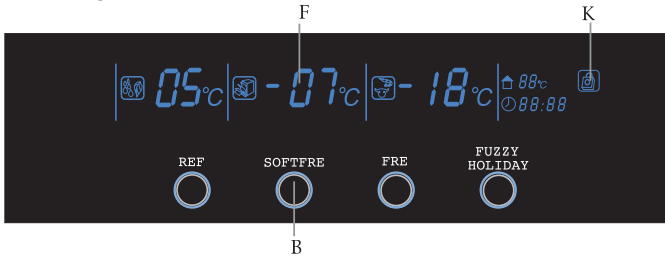
(9) Refrigerator On/Off



In lock-on mode (icon K appears), hold button A pressed for 3 seconds, icon E disappears and operation of refrigerator ceases; If button A is again held pressed for 3 seconds in lock-on mode, icon E will appear and operation of refrigerator will be resumed.

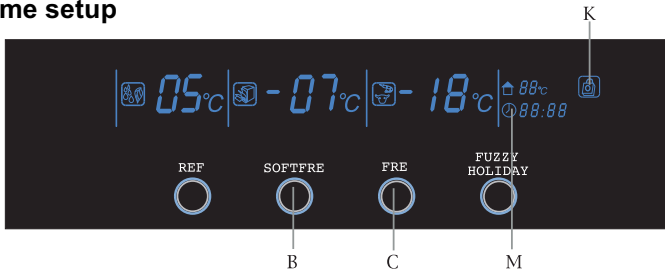
Functions

(10) Wide temp zone ON/OFF



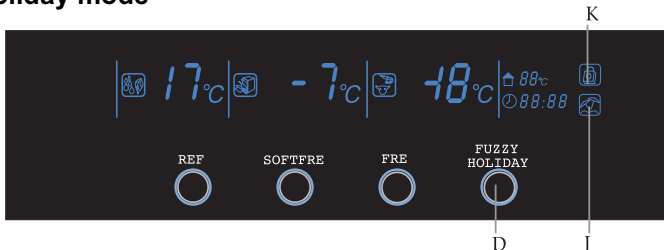
In lock-on mode (icon K appears), hold button B pressed for 3 seconds, icon F disappears and wide temp zone ceases operation. If button B is again held pressed for 3 seconds in lock-on mode, icon F will appear and operation of wide temp zone will be resumed.

(11) Time setup



When lock-on mode is set (icon K appears), hold button B and C pressed and then icon M blinks for time setup. Press of button B adjusts the digits of hour. (Every press will result in a digit increase until "23" appears. The cycle starts from "00".) Press of button C adjusts the digits of minute. (Every press will result in a digit increase until "59" appears. The cycle starts from "00".) 5 seconds later after the latest press, digits of time will cease blinking.

(12) Holiday mode



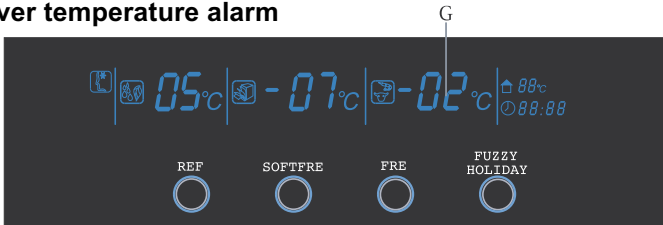
When lock-on mode is set (icon K appears), hold button D pressed for 3 seconds and icon J appears and the refrigerator, wide-temp zone and freezer will approach to the temperature of 17°C, -7°C and -18°C, respectively. The holiday mode can be manually inactivated by holding button D pressed for 3 seconds in lock on mode, then icon J will disappear.

Functions



Caution: In fuzzy or super freeze mode, the holiday mode cannot be activated.

(13) Over temperature alarm



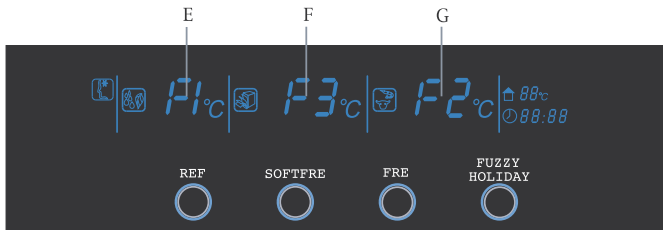
If appliance door is not properly closed or a large quantity of hot food is loaded, temperature in appliance may exceed the set point, icon G will coruscate. Contact authorized after-sales agent if icon G keeps coruscating a while later.

(14) Power interruption memory

The current operating mode can be resumed if the power supply is regained after a temporary interruption.

Caution: The clock needs to be reset if the power supply is regained after a temporary interruption.

(15) Malfunction display



If any of the appliance sensors does not work properly, icon E or F will display F1, F2, F3, F4, F5 or F6 accordingly. Although appliance does not cease operating, it is strongly recommended that authorized sales service agent be contacted for technical assistance.

(16) Super freeze 007

In lock-off mode, hold button B pressed for 3 seconds, icon H and I appear and wide-temp zone enters 007 mode. The 007 mode can either be manually inactivated by holding button B pressed for 3 seconds again in lock-off mode, then icon H and I disappear, or cease automatically when temperature in wide-temp zone reaches -18°C . The super freeze 007 mode cannot be activated if temperature in wide-temp zone is not above -18°C .

About refrigerator

The refrigerator is for short-term food storage of daily consumption.

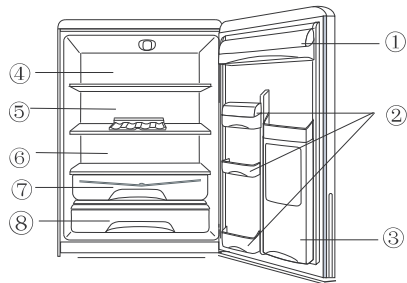
Although the temperature in most areas in the refrigeration compartment can be regulated between 2°C and 10°C, extended periods of food storage is not recommended. Refrigerator should only be used for short-term storage.



Storage areas

As cold air circulates inside the refrigerator, temperature differences exist inside the storage compartments. Area ⑧ is the coldest. Different foods should be placed in different areas according to their properties.

- ① Eggs, butter and cheese
- ② Canned food, seasonings, beverages and bottled food
- ③ Chinese onion, garlic bolt, turnip, carrot and asparagus
- ④ Pickled food or canned pickled food
- ⑤ Wheaten food, canned food, milk and beancurd
- ⑥ Cooked meat and sausages
- ⑦ Fruit, vegetables and salad
- ⑧ Sashimi, lamb and beef (stay best max. 3 days)



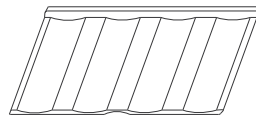
Lamp and its replacement

Lamp: 5V DC, 1W

LED lamp is used for low energy consumption and extended service life. If the lamp does not work properly, contact authorized service agent for technical assistance.

Wine rack

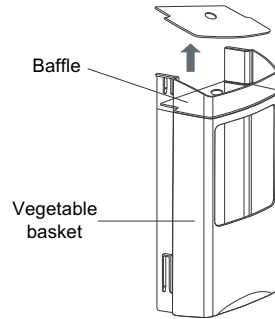
The wine rack is located right above the food shelf and can be moved freely to either side. The rack is contoured for loading beer and wine bottles. (When the rack slides, a slight sound might be heard.)





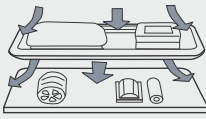
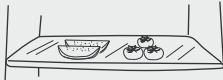


Precautions

How to use vegetable basket

- * The vegetable basket is designed for holding Chinese onion, garlic bolt, turnip, carrot and asparagus.
- * Over the baffle, cans, seasoning, beverage and small bottles can be stored.
- * Remove the baffle if Chinese onions or garlic bolts or alike are to be placed. (As shown in the figure)
- * Keep the baffle slightly tilted (about 30°) for easy access.
- * Other articles can be stored at your discretion.



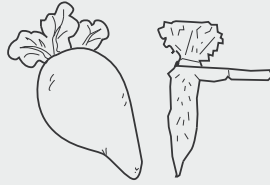
<p>Hot food must be cooled to room temperature before storing in the appliance.</p> 	<p>Dry any water droplets on the food before placing it in the appliance.</p> 
<p>Food to be stored should be properly sealed. This will prevent moisture in the food from evaporating and prevent vegetables and fruit from tainting in flavor.</p> 	<p>Storage of sorted food Food to be stored should be sorted according to consumer requirements. Food consumed daily should be placed in the most convenient area, this will minimize opening periods for the door.</p> 
<p>Do not store excess quantities or weights of food Food should be stored with spaces in between for better storage results.</p> 	<p>Do not place food too close to the internal walls Food with high moisture content should not be placed close to the walls of the inner liner. Maintain a space to prevent food from freezing onto the walls.</p> 



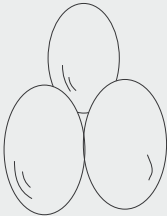
Do not load food, especially the food with oil content, against interior walls as oil stains might result in corrosion of the walls. Always keep interior walls clean.

Suggestions

Leaves of carrots or turnips should be removed before storage.



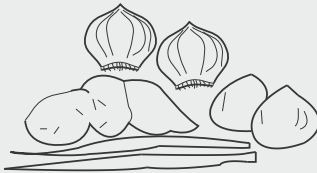
Eggs should be stored vertically in the egg holder.



Frozen food can be placed in the cold compartment before serving, as this will conserve energy.



Onions, garlic, ginger, water chestnuts and other root vegetables should not be stored in the refrigerator, as these foods are suitable for long-term storage at normal temperatures.



Ripe squash, melon, pawpaw, bananas and pineapples should not be stored in the refrigerator. Freezing will accelerate the ripening process.



Caution: Vegetables and fruits should be stored on the upper areas in the refrigerator when ambient temperature is between 0-10°C and the temperature in the lower area of the refrigerator compartment is around 0°C.

About wide-temp zone

The appliance has a wide temp zone (-3°C~-18°C). When temperature is set at -18°C, the zone can be used as freezer compartment. When temperature is set between -3°C and -7°C, the zone has the following advantages:

- * Defrosting free: Food in storage in the wide temp zone can be prepared for cooking without manual or microwave defrosting
- * Nutritional value preservation: Nutritional values of food in storage in the wide temp zone can be better preserved.
- * Easy processing: Meat in wide temp zone can be easily cut; Minced meat in wide temp zone can serve directly.
- * Stored overlapped food in wide temp zone can be easily separated before serve.
- * Extended storage period as follows: 14 days for meat and 7 days for fish under -7°C; 10 days for meat and 5 days for fish under -5°C; 7 days for meat and 3 days for fish under -3°C.

Food recommended for storage (-3°C~-7°C):

Fresh fish and meat, food with curry coating, minced meat, fresh fruit juice

Food not recommended for storage (-3°C~-7°C):

Ice cream and frozen food, which should be stored in the freezing compartment.

Advantages of wide temp zone (-3°C~-7°C):

- * Fried food will be crisper if stored in the wide temp zone in advance.
- * Cold dishes will become more delicious if stored in the wide temp zone before serving.
- * Roasted sashimi and cuttlefish will be more delicious after stored in the wide temp zone.
- * Salad will be more delicious after stored in the wide temp zone.
- * Vegetables such as spinach stored in the compartment can be served after slightly steeped in hot water.
- * Nutrient value and natural flavor of fresh fruits will be well preserved after stored in the wide temp zone.
- * Efficient cooling function for hot food can be achieved.

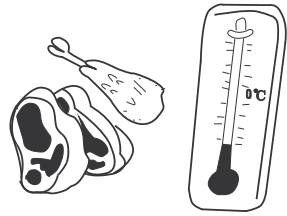


Caution: Cutting of meat or fish may vary due to their moisture contents and sharpness of kitchen knife. It is suggested that the meat or fish be cut after being placed in room temperature a few minutes.

About freezer

Long-term storage of food

As the freezer storage temperature is very low, fresh food can be stored in the freezer compartment for a long time. Food requiring long-term storage can be stored in the freezer. Follow the instructions on the package for storage period.



Attention should be paid to the storage information printed on the food packing.

Food	Stay Best (Month)	Maximum (Month)
Chicken, beef, mutton and shrimps	4	9
Dumplings, ribs and ice-creams	4	6
Cakes, breads, sliced meat and cheese	2	6
Seafood, sausages and icecream	1	3

Storage period is subject to the detailed information on the food packing, property of the food for storage and special requirements.

Super freeze

Select super freeze if a large quantity of fresh food is to be loaded in freezer (see relative section afore); Do not select super freeze mode for the food less than 1kg or pre-frozen.

Making ice cubes

- * As shown in Figure 1, hold and remove the ice cube box from the door lining.
- * Place the uncovered ice cube box as shown in Figure 2, fill the box with water. Make sure that the water surface is below the water level mark.
Caution: If excessive water is filled, ice cubes might not be easily removed. Turn the ice cube box 90° around as shown in Figure 2, leave it alone until the water deposits well in oval moulds and finally load the ice cube box back into the door lining.
- * When ice cubes are ready for service, remove the ice cube box and immerse the box in warm water for a while. Uncover and rap the box and pour all ice cubes from the water inlet. (Make sure no ice cube is left inside the box, or ice cubes will not be easily removed next time.)

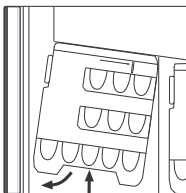


Fig.1

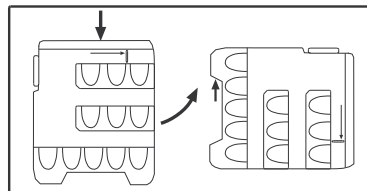
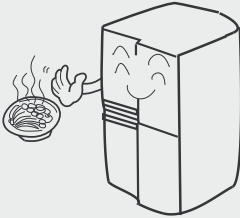


Fig.2

Precautions

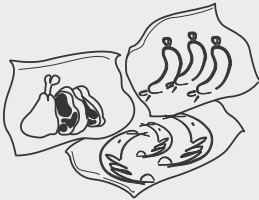
Hot food should not be stored in the freezer until it has cooled down to room temperature.



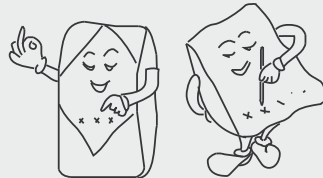
Food cut into small portions will freeze faster and be easier to defrost and cook. The recommended weight for each portion is less than 2.5kg.



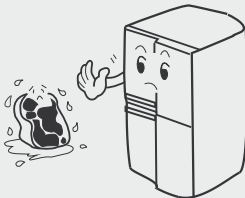
The outside of any food packing should be dried before storage in the freezer, and any packing materials should be odor-free, airtight, non-poisonous and nontoxic.



Food should be stored in accordance with any information printed on the packing.



Only remove the required amount of food from the freezer compartment. Defrosted food cannot be re-stored in the freezer unless it is first cooked.



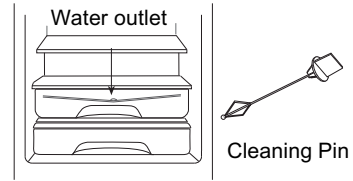
Do not load excessive quantity of fresh food in the freezer compartment. Quantity of the food in storage shall comply with the cooling capacity of the appliance.



Defrosting

Refrigerator defrosting

The refrigerator is designed for automatic defrosting. Frost formed on the back wall will melt and flow via the drainpipe to the evaporating recipient over the compressor on the back of the refrigerator, where the heat generated by the compressor will evaporate the water. It is normal for frost and water droplets to form on the back wall of the refrigerator.



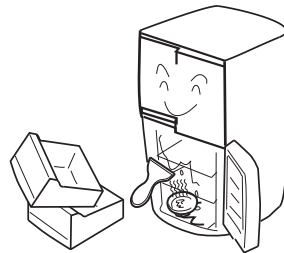
Caution: Always keep the drain over the fresh food container clear to ensure the normal flow of defrosted water. Use the pin provided to clear any blockage.

Freezer and wide-temp zone defrosting

* Manual defrosting is required for freezer and wide-temp zone. After a period of operation, a layer of frost will form on the evaporator in the freezer compartment. Additional electricity will be consumed if this layer becomes too thick.

* Ice buildup on the evaporator must be removed completely.

* Before defrosting process, unplug the appliance and remove the food and drawers. To accelerate the defrosting process, it is suggested that a bowl of hot water be placed on the evaporator.



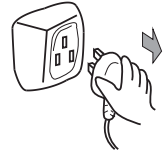
Caution: Do not use mechanical devices or other tools (except for those recommended by the manufacturer) to accelerate the defrosting process.

Cleaning

The appliance should be cleaned regularly to prevent the unwanted odor.

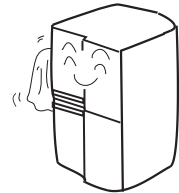
* Disconnect the power before cleaning the appliance.

* Clean the appliance with a soft cloth or sponge with mild detergent.



Caution: Do not use a hard brush, steel brush, detergent, gasoline or other solvents, hot water, acid or alkali.

* Dry water droplets on surfaces of the appliance with a piece of cloth.



Caution: Do not use excessive amounts of water for cleaning the appliance. Use a dry cloth to clean the switch and the lamp.

* Regularly clean the surfaces of the external shell to improve the heat elimination efficiency.



* Always keep the door gasket clean.

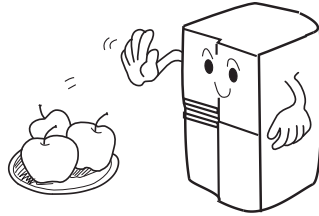


Out of service

Power interruption

Even in summer, food can be stored in the appliance for a few hours after a power interruption.

- * Don't put additional food into the appliance during a power interruption and try to open the door as less frequently as possible.
- * If prior notice of a power interruption is given, make some ice and put it in a container in the top of the refrigeration compartment.

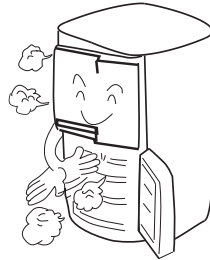


Caution: Temperature in the freezer will rise as for a power interruption or technical problem, and the storage period will be reduced.

Ceased operation

If the appliance is to be ceased for an extended period, unplug the appliance and clean the appliance as previously described.

Keep the door of appliance open when the power is turned off to prevent any food remaining in the compartment from producing bad odors.



Caution: It is recommended that the appliance be not turned off unless it is necessary.



Caution: Do not restart the appliance until a period of at least five minutes has elapsed.

Out of service

During Vacations

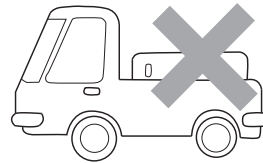
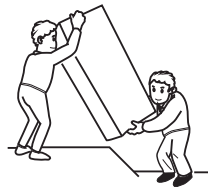
- * Remove the vulnerable food from appliance if the vacation is short. Remove all the food in the refrigerator, set up the Holiday mode and close the doors of the appliance.
- * If the vacation is long, take out the food from the appliance and disconnect the power. Wait until the frost inside melts, clean and dry the compartment. Leave the door open to prevent formation of bad odor.



Caution: This appliance may not be treated as household waste. Instead, it must be delivered to competent collection point. Proper disposal of the appliance will help prevent potential negative consequences for the environment and human health.

Moving the appliance

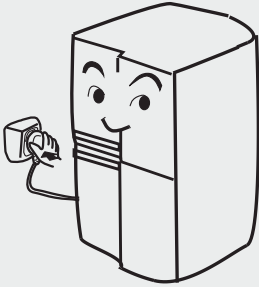
- * Unplug the appliance.
- * Remove all the food.
- * Secure the shelves in the appliance, vegetable and fruit tray and drawers in the freezer with tape.
- * Tightly close and tape the door of the appliance.
- * Do not tilt the appliance more than 45 degrees.



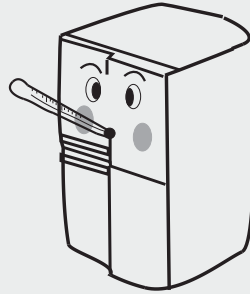
Caution: Never place the appliance horizontally.

Troubleshooting

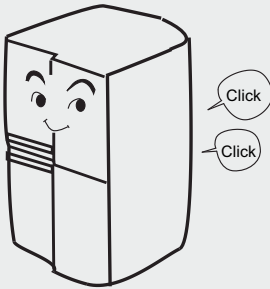
A slight sound may be heard when the appliance is first started due to the operation of the compressor and motor. The sound will be lower and lower gradually a short period later.



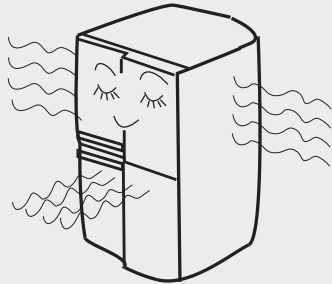
Temperature of the appliance and compressor will rise and the compressor will run for comparatively longer periods when the appliance is first started.



Flowing refrigerant and compressor may produce a slight sound when the compressor starts or ceases operation.

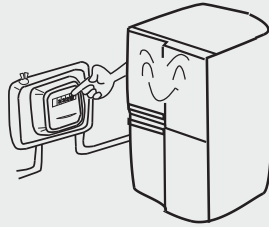


The two sides of the external surface, center traverse and rear condenser of the appliance will be warm due to heat radiation of the appliance.

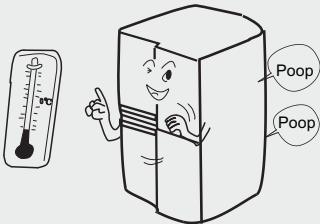


Troubleshooting

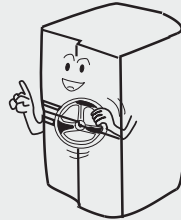
Energy efficiency specified in the technical parameters complies with government standards and is measured under the following conditions: ambient temperature 25°C, refrigerator compartment temperature 5°C, freezer compartment temperature -18°C and 24h continuous operation with doors closed. Actual power consumption may exceed this value if more food in storage, ambient temperature higher and the door more frequently opened.



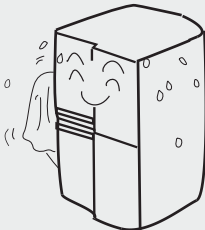
The evaporator and piping system of the appliance may produce a slight sound when the appliance operates due to ambient temperature changes.



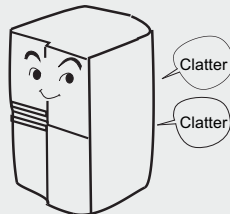
Operation period of the compressor will be prolonged in summers as a result of higher ambient temperature.



Water droplets may occur on outer surfaces of the appliance due to heavy moisture in room air. Wipe clean with soft cloth.



The control panel, starting capacitor and heat protector may produce a slight sound when the appliance starts or stops.



After-sales service

In the event that the appliance does not work properly, please check out and solve problems according to the following methods. If problems persist, contact the after-sales service center. Information of model, accessory list and serial number of the appliance is required. (See the rating plate on the back of the appliance.)

Please determine the cause of the problem before making any repair.

The appliance does not operate.



Disconnection to the power supply (plug, socket or fuse)



Voltage is low

Lamp does not illuminate.



The bulb is bad.



Power supply is not connected.

Set temperature not reached.



Door is not properly closed, or the door is opened for long period.



Appliance is in direct sunlight, or close to a heat source.

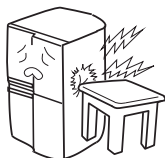


The area is poorly ventilated, or the two sides of the appliance are covered by too much dust.

Excessive noise



Uneven placement



Contact between the appliance and a wall or other article

Strange odor

- * Failure to seal food properly
- * Rotting food inside appliance
- * Failure of regular cleaning of the appliance



After-sales service

Please determine the cause of the problem before making any repair.

Button inactive

- * Disconnection of power supply
- * Wrong button is pressed. (see the section "Functions")

Automatic alteration of temperature display

- * Refrigerator temperature display change: normal
- * In fuzzy mode: it is due to appliance's automatic temperature readjustment when ambient temperature changes.

Prolonged operation period of the compressor

- * Initial operation
- * Large quantity of food loaded
- * Hot weather or frequent opening of the appliance door
- * Door not properly closed
- * Lower temperature value is set (see the section "Operation")
- * Poor ventilation

Water spillage in refrigerator compartment

Water drain is blocked. Clear the path with the cleaning pin. (See section "Defrosting")



Thick frost on the back of refrigerator

- * Temperature is not properly set. See section "Operation"
- * Door is not tightly closed.
- * Door is frequently opened.
- * Hot weather.
- * Heavy moisture.



Limited Warranty:



1. Warranty Certificate: If consultation or technical assistance is needed, please provide the local authorized service agent with the Warranty Certificate and the purchase invoice.
2. The one-year free maintenance shall be provided for operation of the appliance and three-year free maintenance shall be provided for main accessories and parts of the appliance (Subject to date of the purchase invoice.)