OPERATION GUIDE

REFRIGERATOR

20 cu ft French Door Stainless Steel & Black

MODELS:
100-2952
100-4952

PLEASE READ THESE INSTRUCTIONS CAREFULLY BEFORE INSTALLING AND/OR OPERATING THE APPLIANCE.

GETTING STARTED

Please carefully read this Manual before installation and operation of this appliance, and follow the requirements given in this Manual in operation. The working instructions provided in this Manual are essential for keeping this appliance in good condition.

Follow these instructions carefully in order to avoid possible accidents.

Please keep this Manual properly. Carefully complete the warranty card at purchase and keep it at hand for application for warranty service.

⚠CAUTION

This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision. Children aged from 3 to 8 years are allowed to load and unload refrigerating appliances. This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance. The refrigerant isobutene(R600a) is contained within the refrigerant circuit of the appliance,a natural gas with a high level of environmental compatibility,with which is nevertheless flammable. During transportation and installation of the appliance, ensure that none of the components of the refrigerant circuit becomes damaged. The refrigerant (R600a) is flammable.

Symbol ISO 7010 W021 Warning; Risk of fire/flammable materials!

This appliance is designed as built-in refrigerator and is intended to be used in recreational vehicle. Failure to follow these instructions may result in electric shock, fire and death.

WARNING: The appliance must be positioned so that the plug is accessible.
WARNING: If the power cord is damaged, it must be replaced by the manufacturer,its service agent or similarly qualified person to avoid any hazards.

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.

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

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

WARNING: Children should be supervised to ensure that they do not play with the appliance.

WARNING: When the refrigerator is discarded after use please follow all local laws and regulations.

WARNING: The refrigerant and insulation blowing gas are flammable. Disposing of the refrigerant can only be done at authorized waste disposal centers. Do not expose the refrigerant or insulation to extreme heat or an open flame.

WARNING: Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.

WARNING: When positioning the appliance, ensure the supply cord is not trapped or damaged.

WARNING: Do not locate multiple portable socket-outlets or portable power supplies at the rear of the appliance.

WARNING:To avoid contamination of food, please respect the following instructions:
Opening the door for long periods can cause a significant increase of the temperature in the compartments of the appliance.
- Clean regularly surfaces that can come in contact with food and accessible drainage systems.
- Clean water tanks if they have not been used for 48h; flush the water system connected to a water supply if water has not been drawn for 5 days.

- Store raw meat and fish in suitable containers in the refrigerator, so that it is not in contact with or drip onto other food.
- If the refrigerating appliance is left empty for long periods, switch off, defrost, clean, dry, and leave the door open to prevent mould developing within the appliance.

WARNING: Risk of child entrapment. Before you throw away your old refrigerator or freezer:
- Take off the doors.
- Leave the shelves in place so that children may not easily climb inside.

WARNING: Before performing any type of installation or cleaning,disconnect the refrigerator from the power source and reset the temperature controls to the desired setting(s).
When you are finished, reconnect the refrigerator to the electrical source and reset the temperature controls to the desired setting.

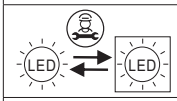
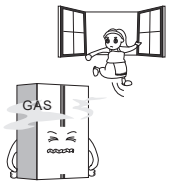
This appliance is intended to be used in household and similar applications such as:
- staff kitchen areas in shops, offices and other
- residential,mobile and recreational living homes; working environments;
- farm houses and by clients in hotels, motels and other residential type environments;
- bed and breakfast type environments;
- catering and similar non-retail applications.

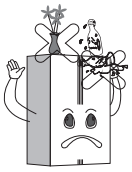
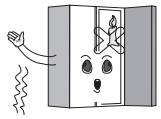
The new hose-sets supplied with the appliance are to be used and that old hose-sets should not be reused.

WARNING: fill with potable water only.

WARNING: Connect to potable water supply only. The water supply system must be installed and connected by a professional technician. Connect the refrigerator with the cold water pipe :
Min. pressure: 2.obar;
Max. pressure: 6.obar;

SAFETY AND WARNING INFORMATION

Basic Safety Symbol	
This guide contains many important safety messages. Always read and obey all safety messages.	
⚠	This is the safety alert symbol. It alerts you to warnings that will inform you of any potential hazards that could hurt or kill you. These messages will also help protect your unit from damage. All safety messages will be preceded by the safety alert symbol and the hazard signal word DANGER,WARNING,or CAUTION. These words mean:
⚠ DANGER	Indicates an imminently hazardous situation which,if not avoided, will result in death or serious injury.
⚠ WARNING	Indicates a potentially hazardous situation which,if not avoided, will result in death or serious injury.
⚠ CAUTION	Indicates a potentially hazardous situation which,if not avoided,may result in minor or moderate injury,or property or equipment damage.
Application Connection	
⚠ CAUTION	The appliance is applicable to DC12V only ,and the allowable voltage fluctuation range is 10~14V . In order to ensure safety,the terminal block and its cable must be able to withstand current of above 30A.
LED Light	
	Replaceable (LED only) light source by a professional.
To reduce the risk of fire,electric shock,or injury to persons when using your product,basic safety precautions should be followed,including the following. Read all instructions before using this appliance.	
	If you believe there is refrigerant leaking, do not touch the unit or the power outlet, ventilate the room and if possible turn your unit off using the circuit breaker. Call the manufacturer immediately. Refrigerant will cause serious injury when coming into contact with the skin or eyes. If this happens please immediately seek out medical treatment. Wait for 5 minutes or longer before reconnecting the power. Failure to do so may cause the refrigerator to fail. A dedicated terminal block should be used. Using several devices at one terminal block may cause fire.

	Do not allow the power cord bent or pressed by the heavy object to be damaged. Turn off the power when cleaning,handling the interior lamp of the refrigerator. Failure to do so may result in a electric shock or other injury. Remove water or dust from the terminal block with a dry clean cloth,do not use wet hands touch it and secure the positive and negative wires with a Phillips screwdriver. Do not use the refrigerator for non-domestic purposes (storing medicine or testing material,blood,using on a ship,etc.) It may cause an unexpected risk such as fire,electric shock,deterioration of stored material or chemical reaction. Do not use or store inflammable materials ether,benzene,alcohol,medicine,liquid propane gas,spray or cosmetics near or in the fridge. It may cause explosion or cause a fire.
	Do not put any glassware that is not design for use in a refrigerator or freezer inside. The glass may crack or break which can lead to injury. Do not place the heavy object or the dangerous objects such as:cup,flower vase,cosmetics,medicine or any containers with water in the fridge. It may be dropped and cause injury,fire or electric shock when opening or closing the door.
	Do not touch food or containers in the freezer with wet hands. It may cause frostbite. Do not spray water at the outside or the inside of the fridge do not clean it with benzene or thinner. Do not clean the unit with any acidic cleaners, abrasive brushes, sharp tools, and/or any cleaner that contains benzene.
	Do not use a drier to dry the inside of the unit,nor light a candle to remove odor. It may cause an explosion or fire. Do not cling to the door or the trays of the door. It may make the fridge fall down and cause serious injuries or even death. Especially,do not allow the children to do the above.
	Do not put ice in a thin crystal cup or ceramic ware. It may break cup or ceramic ware to cause injury. Do not allow anyone except a qualified service person to disassemble, repair, or alter the fridge. Unless directed by the manufacturer. It may cause injury,electric shock or fire. This appliance is intended to be used in household and similar applications such as: – residential mobile and recreational living homes; – staff kitchen areas in shops, offices and other working environments; – farm houses and by clients in hotels, motels and other residential type environments; – bed and breakfast type environments; – catering and similar non-retail applications. Do not install the fridge in a wet or high humidity environment. Failure to do so will cause premature deterioration, cause the unit to run more frequently and can cause an electrical shock. Install the appliance in a dry,well-ventilated room. The appliance should be placed close to the power switch,it is easy to cut off the power supply at the time of the accident. Do not expose the unit to extreme heat or any open flame. Keep your unit in a well ventilated area, make sure if the unit is built-in that there is adequate air flow around the unit. Do not cover or obstruct the exhaust area on the back of your unit, failure to do so may cause eclectically shock or injury. It may cause electric shock or injury.

PRODUCT FEATURES

This unit container super freeze, energy-savings, noise reduction, optimal refrigeration are preset options for your unit.

Precise temperature control
Microcomputer control systems are able to separately control both the fridge and freezer more accurately.

Automatic defrosting
This unit is equipped with a program that controls the frequency and duration of defrosting your freezer. This will make sure that you never need to manually defrost the freezer.

LED display and temperature controls
The control board respectively displays the fridge and freezer temperatures. To change the setting in either section simply press the up or down arrow depending on the chance you would like made.

Tempered glass,safe and reliable
Tempered glass, is safe and reliable, easy to clean and durable.

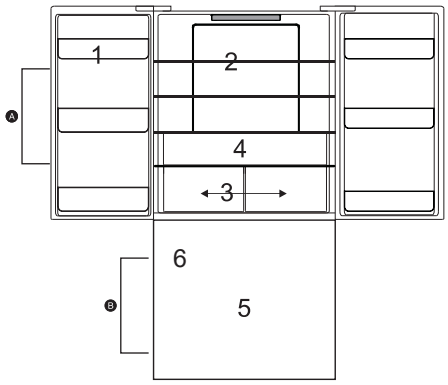
Easy clean and removable door seal
The door seal(s) are easy to remove and clean, allowing the product to operate efficiently for longer.

Automatic ice maker
The refrigerator has the function of automatic ice making.

PRODUCT COMPONENTS

The layout of items below are subject to change without notice, and may not look or come setup as seen in the picture below.

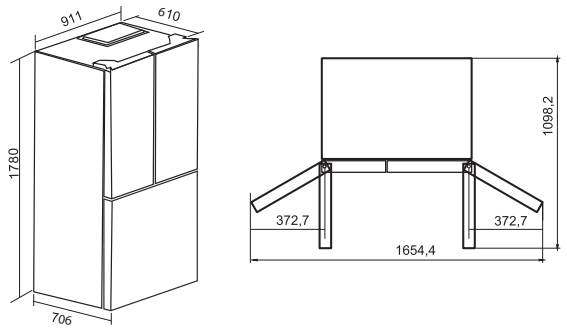
The appearance and specifications of the actual product may differ depending on the model.



Ⓐ **Refrigerator compartment**	Ⓑ **Freezer Compartment**
① Refrigerator door rack	⑤ Freezer drawer
② Refrigerator glass shelves	⑥ Ice maker
③ Crisper	
④ Full width crisper	

PRODUCT INTRODUCTION

Select a good location to place your appliance where it is flat and easy to use. Avoid placing the unit near heat sources,direct sunlight or moisture.

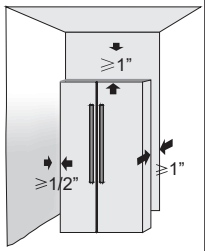


The above figures are a guideline for installation purposes. The actual dimensions of the unit may vary slightly. To ensure that your unit works at peak efficiency please maintain sufficient space around your unit as outlined below.

Transportation:

Do not carry the refrigerator horizontally or by laying it down. Do not carry the refrigerator by holding the door or handle; the refrigerator shall be carried by lifting the bottom. This unit should never be moved alone, two people are required to safely lift or move your unit.

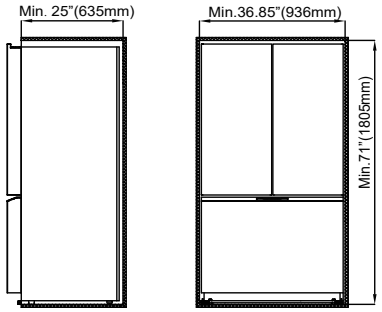
Where to install your unit:



The refrigerator must be placed on hard, flat ground; if cushioning is needed, stable, hard, nonflammable cushion blocks shall be used. DO NOT USE THE FOAM PACKAGING AS CUSHIONING BLOCKS! The unit shall be kept away from damp locations where water is present. Water or dirt should be removed from any surface of the unit as soon as possible using a soft cloth. This will help prevent rust and will help your unit run at peak efficiency. If the appliance is to be place onto the carpet ,support it with a wooden board. Do not place the appliance directly on the carpet, as the heat from the compressor may cause the carpet to fade. Place the refrigerator in a well-ventilated place, reserve a certain space around and behind the refrigerator, and do not cover or block the air grille on the rear cover plate of compressor at the back of refrigerator; Keep the refrigerator away from heat source or direct sunlight. For best and most efficient operation,the refrigerator should operate within 50°F~109°F(10°C~43°C).
If installing near large heat sources,such as furnaces,fireplaces, etc. Ensure a thermal barrier,such as wood paneling,isolates the refrigerator space as not to hinder performance of the appliance.

Refrigerator Cabinet /Enclosure Preparation

INSTALLATION



NOTE: Dimensions include the required clearance for venting. Do not embed the door part into the enclosure. Place the front side of the refrigerator's cabinet flush with the front of the enclosure.

Electrical Connection

⚠ WARNING

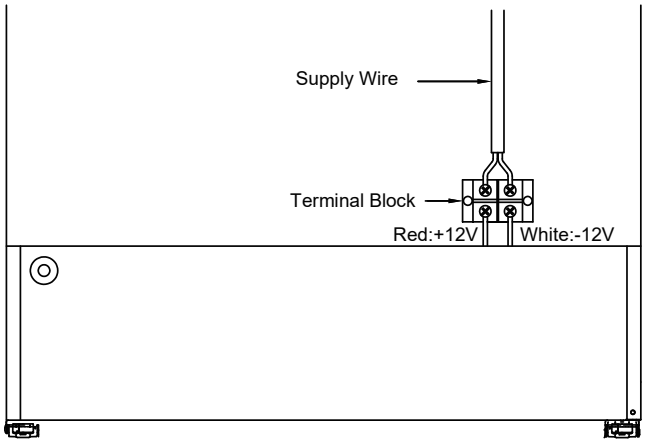
Any electrical work required to install this appliance should be carried out by a qualified or competent person.

All products reference in this manual is to be installed in accordance with local and national codes, including the latest editions of the following standards:
USA:
- NFPA 1192
- NFPA 70
- ANSI/RVIA low Voltage
CANADA:
- C221.1
- CSA Z240

All The refrigerator is powered by nominal DC12V,wire size(AWG) is important to prevent significant voltage drop.

The 12V+ and 12V- of the refrigerator were already connected to a terminal block connection near the bottom of the refrigerator. Directly connect the terminal block to the DC12V power source. Fuse the wire appropriately within 18" of the DC12V Power source for the size/rating used.

The following is a guideline for wire lengths:
15ft or less = 10 AWG
15ft to 25ft = 8 AWG
25ft to 40ft=6 AWG



Enter service wire into the cabinet space. It is acceptable to enter through the cabinet floor,sidewall or ceiling. Ensure that the wire enters within the free cabinet space behind the refrigerator.

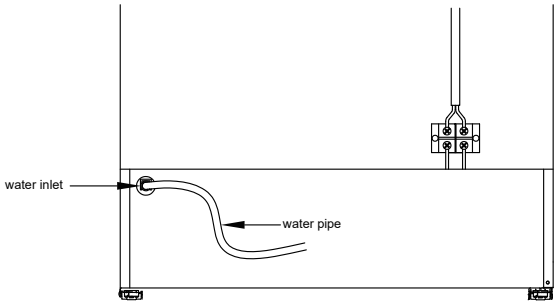
Confirm Wire Size by Measuring Overall Voltage Drop:
Start the appliance from warm, measure voltage difference between the DC12V power source terminal and connection on the appliance.

Adjust wire size if the difference exceeds 0.3-0.4V DC.

Note: The refrigerator is powered by DC 12V and must be supplied at SAFETY EXTRA-LOW VOLTAGE circuit.

Water Supply Connection:

WARNING:Connect to potable water supply only. The water supply system must be installed and connected by a professional technician.

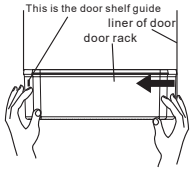


The water inlet is located near the lower part of the refrigerator. The water pipe can be found in the accessory of the refrigerator. Connect one end of the pipe to the water inlet of the refrigerator and the other end to the tap water outlet.

When using the function of ice maker, please make sure that the tap water pipe is connected normally and the water valve is opened. Enough space shall be reserved for the faucet connecting water source.

After the refrigerator operates stably, the ice maker will make ice. Upon power-on for the first time, cold water is available after 5 hours since the refrigerator operates normally, and ice cubes or crushed ice is available after 12 hours.

Door Rack:



Disassembly: Hold both sides of the door rack with both hands. Push it from the side without the guide and push it inward as seen in the diagram. Push until the edge of the door rack is separated from the grove of the liner.

Installation :Hold both sides of the door rack with both hands. Install the buckle of the guide side at first. Then push the other side inward slightly,the guide will then click into place and the door rack will be installed. Please make sure it is installed properly before use.

Securing the Refrigerator

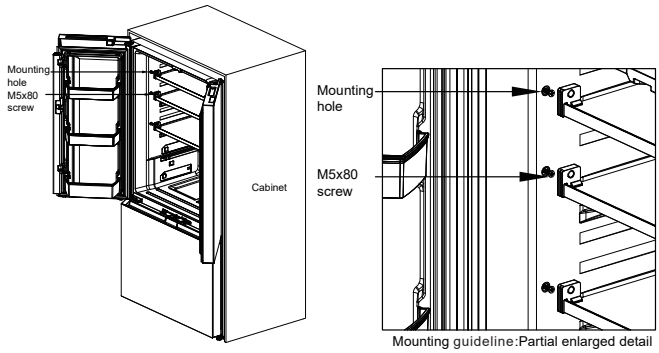
⚠ WARNING	FIRE AND ELECTRICAL SHOCK HAZARD The appliance contains hidden refrigerant lines and electrical wiring. Follow all guidance in this section to prevent death,injury or property damage.

For mobile applications,it is imperative to determine a sufficient securing method to prevent sliding and tipping of the appliance during transportation. We are not providing sufficient mounting methods,but providing guidelines to consider when evaluating.

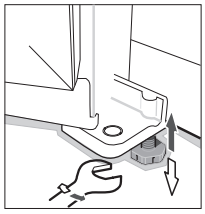
Body Mounting:

⚠ WARNING	FIRE AND ELECTRICAL SHOCK HAZARD DO NOT randomly pierce screws into any surface of the refrigerator as there is a risk of refrigeration leak or electrical shock hazard.

It is acceptable to pierce screws into specific surface of the refrigerator and Secure the body to the side wall of the Cabinet. There are three specific mounting holes on the left and right sides of the refrigerator liner. Secure the M5*80 screws through mounting holes to secure the refrigerator side wall to the side of the cabinet. Then install the screw caps on mounting holes.(In the accessory 6 M5x80 screws and 6 screw caps will be found.)



Adjustable Plastic Feet



When the refrigerator stays in the packing box, plastic feet are in tightened state. After carrying it out from the packing box for placement, please make sure to adjust two front plastic feet until the height is suitable; just adjust two plastic feet with a wrench or directly by hand.
Plastic feet and rear rollers must touch the ground to prevent the refrigerator from movement, vibration or noise.

Power Supply

The refrigerator can be operated with DC 12V power supply. Connect the power cords.

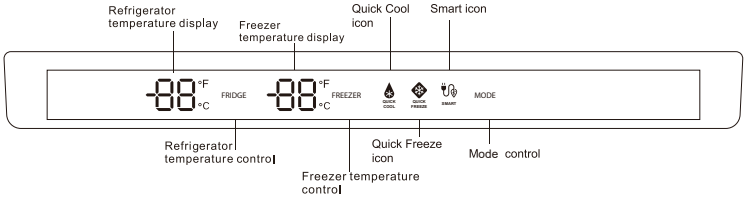
Water supply for ice maker

The external water pressure is within the range of 2.0 ~ 6.0 kg/cm2 (200 ~ 600 Kpa)

Starting

Turn on the power switch.
Upon startup for the first time, the screen will display respective set temperature values (the temperature of the fridge section is set to 41ºF(5°C), the temperature of the freezer is set to 0ºF(-18°C)).
The default mode is energy saving upon startup: The screen displays for 20s and then goes off. This mode to save energy and prolong the service life of LED lights.

Control panel



Default is Fahrenheit when power is on.
Press “MODE” button 5 seconds, to switch between °C and °F. Other buttons use the same method to switch between two modes.

Set temperature range: Celsius degree mode

1. Fridge temperature range: 2~8°C (Default value 5°C)
2. Freezer temperature range: -23~-15°C (Default value - 41°C)

Set temperature range: Fahrenheit degree mode

1. Fridge temperature range: 35 ~46°F (Default value 41°F)

2. Freezer temperature range: -10~5°F(Default value 0°F)

Setting the Temperature Control

1. The first time you turn the unit on, the unit will start at the factory-set default temperature, which is 41°F (5°C) in the fridge compartment and 0°F (-18°C) in the freezer compartment.
2. The first time you turn the unit on, adjust the temperature in the fridge compartment to 37°F (3°) and run for at least 4 hours before placing food inside. This will ensure that the freezer compartment is thoroughly chilled and the fridge compartment is stabilized before food is placed inside. Then adjust the temperature setting to your desired setting.
3. To adjust the temperature in each zone, press the appropriate zone button. The temperature will change according to the pre-set temperatures as shown below.

OPERATION

QUICK FREEZE MODE

This mode will quickly drop in temperature when storing large amounts of warm or room-temperature foods in the freezer.

The unit will remain in QUICK FREEZE mode for 24 hours or until the temperature reaches -18°F (-28°C) and will then return to the original setting, or until the function is turned off at the control panel. QUICK COOL and QUICK FREEZE can be run simultaneously.

To enable the QUICK FREEZE mode, press the feature button until the QUICK FREEZE icon is illuminated. The icon will remain illuminated when activated.

To disable the QUICK FREEZE mode, press the function button until the QUICK FREEZE icon is turned off.

QUICK COOL MODE

This mode will set the fridge temperature to 35°F (2°C) for quick drop in temperature when storing large amounts of warm or room temperature foods in the refrigerator.

The unit will remain in QUICK COOL mode for 2 hours and 30 minutes and will then return to the original setting, or until the function is turned off at the control panel. Both QUICK COOL and QUICK FREEZE can be run together at the same time.

To enable the QUICK COOL mode, press the feature button until the QUICK COOL icon is illuminated. The icon will remain illuminated when activated.

To disable the QUICK COOL mode, press the function button until the QUICK COOL icon is turned off.

SMART MODE

Use this mode when leaving for long periods of time, where you will remove the large majority of the refrigerator contents but leave contents in the freezer.

SMART MODE will automatically set the fridge section to 41°F (5°C) and the freezer section to 0°F (-18°C). The unit will remain in SMART MODE until the feature is deactivated at the control panel.

To enable SMART MODE, press the feature button until the SMART icon is illuminated. The icon will remain illuminated when activated.

To disable SMART MODE, press the function button until the SMART icon is turned off.

NOTE: IF THE UNIT IS UNPLUGGED, HAS LOST POWER, OR IT IS TURNED OFF. YOU MUST WAIT 3 TO 5 MINUTES BEFORE RESTARTING THE UNIT. IF YOU ATTEMPT TO RESTART BEFORE THIS TIME DELAY, THE REFRIGERATOR-FREEZER WILL NOT START.

NOTE: WE DO NOT RECOMMEND INSTALLING THE REFRIGERATOR WHERE THE TEMPERATURE WILL DROP BELOW 32°F (0°C) OR RISE ABOVE 110°F (43°C). THE COMPRESSOR WILL NOT BE ABLE TO MAINTAIN PROPER TEMPERATURES INSIDE THE REFRIGERATOR.

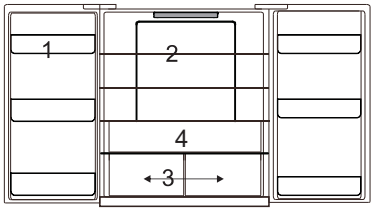
FOR INSTALLATIONS WHERE THE TEMPERATURES WILL BE MORE THAN 32°F (0°C), SET THE FREEZER TEMPERATURE CONTROL TO THE “COLDEST” SETTING. THIS WILL IMPROVE THE FUNCTIONING THE REFRIGERATOR UNDER THESE CONDITIONS.

Fridge compartment switch off/on

Long press “FRIDGE” button for 5s to set fridge compartment on/off,when fridge compartment is switched off,the fridge temperature digital display will go off;under the fridge compartment switched off state,long press “FRIDGE” button for 5s or 10s to restart fridge function.

Refrigerator chamber

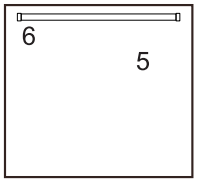
The fridge compartment should mainly be used to store food that will be consumed in a short time



① Refrigerator Door Rack
② Refrigerator glass shelves
③ Crisper
④ Full Width Crisper

Freezer chamber

The freezing chamber is used to freeze foods ,store deeply frozen foods and make ice cubes. It can preserve foods for a long time.



The freezing chamber is suitable for retaining the freshness of foods for a long time. When storing meat, it is suggested to cut the meat into pieces which are easy to take out, and mark the freezing date to prevent foods from exceeding the time limit.

⑤ Freezer Drawer
⑥ Ice Maker

The ice maker can make about 1,900g of ice every 24 hours .
When the freezing chamber reaches the set temperature, the ice maker can make the first batch of ice just for several hours.

CAUTION: When the ice maker is making ice cubes, you may hear the beep from water valve, flowing sound of water into ice maker, and falling sound of ice cubes.

CAUTION

The food especially the oily food which stored in refrigerator ,please avoid the direct contact with the liner. When the interior stained with oil or oily food soup stains, should be cleaned immediately to avoid the long contact with the liner which may lead to the liner corrosion and cracking.

Instructions for Storing Foods

CAUTION

- When storing freezing foods, put them to the inside of freezing chamber, other than the bottle rack.
- Do not put bottled or canned foods into the freezing chamber to prevent frost cracking. Before putting hot foods into the refrigerator, cool them to room temperature first; otherwise, they will increase power consumption.
- Mark the freezing date on the packaging bag according to different storage lives of foods, so as to prevent foods from exceeding the time limit.
- Divide foods into proper pieces and package them separately, which are easy to freeze thoroughly and will not frozen together.
- The packaging materials shall be odorless, airtight, watertight and pollution-free, so packaged foods are not easy to taint by other odor, without quality reduction.
- Do not put too many fresh foods into the freezing chamber once, preferably not exceeding the freezing capacity value of refrigerator.
- Melted foods can not be frozen again, unless they are made into dishes; otherwise, their service quality will be affected.
- Glass bottles or glass containers shall not be placed into the freezing chamber or at the air outlet of refrigerating chamber duct; otherwise, they may explode.
- Foods can not block the air outlet; otherwise, abnormal air circulation will be caused.

Storage of Foods

Your appliance has the accessories as the "Structure illustration" showed in general, with this part instruction you can have the right way to storage your food. The glass shelves and crisper can be removed to store food if needed.

Note: Food is not allowed to touch directly all surfaces inside the appliance. It has to be wrapped separately in aluminum sheet or in cellophane sheet or in airtight plastic boxes

Precautions for internal and external cleaning of refrigerator:
- Before cleaning, always turn off the power switch, disconnect the power plug.
- During cleaning, make sure that no water will enter the switch, control panel, door lamp and top control box.
- Remove dirt from the outside of refrigerator with mild cleaner, then wipe with clean soft cloth, and let the refrigerator dry naturally.
-When cleaning door sealing strip, always use clean water, wipe with dry cloth and let it dry naturally. Wet soft cloth with warm water or neutral cleaner to wipe the refrigerator body except the door sealing strip.
- It is forbidden to flush the refrigerator directly with water,which will affect electrical insulation properties, etc.
- It is forbidden to clean the refrigerator with metal wipers,ware brushes, coarse abrasive cleaners,strong alkaline detergents,or flammable or toxic cleaning fluids.

Dairy foods and eggs
Most pre-packed dairy foods have a recommended 'use by/best before/best by/ date stamped on them. Store them in the fridge compartment and use within the recommended time.
Butter can become tainted by strong smelling foods so it is best stored in a sealed container. Eggs should be stored in the fridge compartment.

Red meat
Place fresh red meat on a plate and loosely cover with waxed paper, plastic wrap or foil. Store cooked and raw meat on separate plates. This will prevent any juice lost from the raw meat from contaminating the cooked product.

Poultry
Fresh whole birds should be rinsed inside and out with cold running water, dried and placed on a plate. Cover loosely with plastic wrap or foil.
Poultry pieces should also be stored this way. Whole poultry should never be stuffed until just before cooking, otherwise food poisoning may result.

Fish and seafood
Whole fish and fillets should be used on the day of purchase. Until required refrigerate on a plate loosely covered with plastic wrap, waxed paper or foil. If storing overnight or longer, take particular care to select very fresh fish.
Whole fish should be rinsed in cold water to remove loose scales and dirt and then patted dry with paper towels. Place whole fish or fillets in a sealed plastic bag.
Keep shellfish chilled at all times. Use within 1-2 days.

Precooked foods and leftovers
These should be stored in suitable covered containers so that the food will not dry out.
Keep for only 1-2 days.
Reheat leftovers only once and until steaming hot.

Vegetable container
The vegetable container is the optimum storage location for fresh fruit and vegetables.
Take care not to store the following at temperatures of less than 6°C for long periods: Citrus fruit, melons, aborigines, pineapple, papaya, curette, passion fruit, cucumber, peppers, tomatoes.
Undesirable changes will occur at low temperatures such as softening of the flesh, browning and/or accelerated decaying
Do not refrigerate avocados (until they are ripe), bananas and mangoes.

Food	Location (Refrigerator Chamber)
Butter, cheese	Upper door rack
Eggs	Door rack
Fruit, vegetables, salad	Crisper
Meat, sausage, cheese, milk	Lower area (lowest shelf 1 crisper cover)
Diary products, canned food, cans	Upper area or door rack
Drinks, bottles, tubes	Door rack

Food	Location (Freezer Compartment)
Small frozen food	Door rack
Packaged frozen foods	Freezer drawer
Fish,meat,ice cream	Lower area(lower shelf or drawer)

NOTE: Food is not allowed to touch directly all surfaces inside the appliance. It has to be wrapped separately in aluminum sheet or in cellophane sheet or in airtight plastic boxes.

Freezing and storing food in the freezer compartment
· To store deep-frozen food.
· To make ice cubes.
· To freeze food.
NOTE: Ensure that the freezer compartment door has been closed properly.

Purchasing frozen food
· Packaging must not be damaged.
· Use by the 'use by /best before/best by/' date.
· If possible, transport deep-frozen food in an insulated bag and place quickly in the freezer compartment.

Storing frozen food
Store at -18°C or colder. Avoid opening the freezer compartment door unnecessarily.

Freezing fresh food
Freeze fresh and undamaged food only.
To retain the best possible nutritional value, flavour and color, vegetables should be blanched before freezing. Aubergines, peppers, zucchini and asparagus do not require blanching.
· The following foods are suitable for freezing:
Cakes and pastries, fish and seafood, meat, game, poultry, vegetables, fruit, herbs, eggs without shells,dairy products such as cheese and butter, ready meals and leftovers such as soups, stews, cooked meat and fish, potato dishes, souffles and desserts.
· The following foods are not suitable for freezing:
Types of vegetables, which are usually consumed raw, such as lettuce or radishes, eggs in shells, grapes,whole apples, pears and peaches, hard-boiled eggs, yogurt, soured milk, sour cream, and mayonnaise.

Recommended storage times of frozen food in the freezer compartment
These times vary depending on the type of food. The food that you freeze can be preserved from 1 to 12 months (minimum at -18°C).

Food	Storage Time
Bacon, casseroles, milk	1 Month
Bread, ice cream, sausages, pies, prepared shellfish,oily fish	2 Months
Non-oily fish, shellfish, pizza, scones and muffins	3 Months
Ham, cakes, biscuits, beef and lamb chops, poultry pieces	4 Months
Butter, vegetables (blanched), eggs whole and yolks, cooked craw fish, minced meat (raw), pork (raw)	6 Months
Fruit (dry or in syrup), egg whites, beef (raw), whole chicken, lamb (raw), fruit cakes	12 Months

MAINTENANCE

Defrosting

This production has automatic defrosting function, without manual operation.

Cleaning

Precautions for internal and external cleaning of refrigerator:

- Before cleaning, always turn off the power switch.
- During cleaning, make sure that no water will enter the switch, control panel, door lamp and top control box.
- Remove dirt from the outside of refrigerator with mild cleaner, then wipe with clean soft cloth, and let the refrigerator dry naturally.
- When cleaning door sealing strip, always use clean water, wipe with dry cloth and let it dry naturally. Wet soft cloth with warm water or neutral cleaner to wipe the refrigerator body except the door sealing strip.
- It is forbidden to flush the refrigerator directly with water,which will affect electrical insulation properties, etc.
- It is forbidden to clean the refrigerator with metal wipers,ware brushes, coarse abrasive cleaners,strong alkaline detergents,or flammable or toxic cleaning fluids.

After cleaning, turn on the power switch.

General Information

On vacation
- When you want to leave for vacation, you had better to make the refrigerator operate continuously and leave foods that can be stored for a short time. If you want to stop the refrigerator, remove all foods, disconnect the power plug, clean the inside of refrigerator fully, and open the door to avoid producing abnormal odors.

At power failure
- Generally, short-term power failure will not affect the temperature of the refrigerator sharply. However, if power failure lasts for a long time, you shall reduce the opening frequency of refrigerator, and shall not put fresh foods into the refrigerator (prevent rise in the temperature of refrigerator from speeding up).
- If you know power failure is coming, you can turn on the "Super Freezer" function in advance to keep the temperature of refrigerator to the lowest value.

Shutdown
- Generally, it is not suggested to stop refrigerator or turn off the power switch; otherwise, the life of refrigerator may be affected.

Energy saving tips

- Make sure to keep the refrigerator away from heat source and direct sunlight.
- Before storing hot foods, cool them to room temperature and then put into refrigerator.
- Close the door timely, reduce the opening frequency, and shorten the opening time.
- When unfreezing frozen foods, you can put them into the refrigerating chamber, which will assist in refrigeration of the refrigerating chamber.
- Make sure that the temperature sensor is not covered or blocked by foods,and keep proper distance with foods.

Normal Phenomena

Button failure
Please check the control board whether the fridge under lock mode. When under lock mode, all buttons can' t work.

Low voltage, the compressor can' t start
You should purchase pressurizer of more than 1000W when the area of the appliance installation, that' s better to protect your fridge.

Long time to start
When the ambient temperature too high, it will take long time to start the appliance.

Middle beams feel hot
Middle beams feel hot after a period of time of the appliance run, it belongs to the normal phenomenon.

Dew drops
When external air flows into the cool inner surface of the fridge, dew drops can be formed. If the humidity of the installed location is high or during the rainy season, dew drops can form on the outer side of the fridge. This is a natural phenomenon that occurs during the humid weather, Wipe the water drops with a dry cloth.

Noise
When you operate the fridge for the first time, the fridge will operate at high speed to cool fast and the sound can seem louder. When the internal temperature falls below a certain level, the noise will subside.
When the operation of the compressor is starting or ending; various parts expanding/contracting or various control devices operating or temperature change within the fridge, you will hear the sounds, these are normal sounds.

Compressor hot
When working, the temperature of the compressor outer is more than 80°C, please do not touch the compressor, it may cause serious injury.

Compressor long time running
When the ambient temperature too high or put too much fresh foods into the fridge, it will take long time to cool down until the appliance run at the setting temperature.

Abnormal odors in refrigerator
Odorous foods shall be packaged tightly; check for bad foods; the inside of refrigerator shall be cleaned.

Ice maker failing to work normally
Whether the ice maker switch is turned on; whether the freezing chamber door is closed or ajar;
Whether the water valve is opened; whether water supply is obstructed, or water pressure is too low;
Whether the temperature of freezing chamber is high due to just power connection or frequent use;

Water leakage from ice outlet upon power-on for the first time
When the refrigerator is powered on for the first time, the system will execute self-check; at the moment, there may be a little water flowing out from the ice outlet of ice maker; this is self-check action and is normal.

No ice out from dispenser
If the temperature of freezing chamber is high or the door is opened and closed frequently, ice cubes in the ice storage box may join together; take out ice cubes from the ice storage box, break them and then put back, and discard ice that is not broken;
When the successive time of taking ice exceeds 1 minute, stop for 5 minutes and then take ice again;
Whether the valve is opened, the ice maker starts to make ice after the water system works normally;
The door of freezing chamber is not closed, make sure that all doors are closed.

No water out from dispenser
When the ambient temperature is lower than -2°C, no water will come out due to low-temperature icing of the water pipe, and try to take water after the ambient temperature rises;
If you take water for above 3 minutes once, the refrigerator will execute automatic protection, release the ice discharge button for a while, and then take water again.

Warm water out from dispenser
Because the water pipe has a section exposed outside the refrigerator, the temperature of the first cup of water taken may be high, just continue to take water to get cold water.

Dispenser blocked
Ice melted is frozen on the screw rod, this is due to infrequent use or sharp temperature change, or overvoltage. Empty the ice storage box, clean, wipe dry, and then put back.

Ice frozen together when ice maker operates stably
If ice is not used usually, ice cubes may frozen together; take out the frozen ice cubes from the ice storage box, break into pieces and then put back, or discard directly.

Troubleshooting

Before calling for service, review this list. It may save you both time and expense. This list includes common occurrences that are not the result of defective workmanship or materials in this appliance.

Fault	Possible Cause	Remedial Action
No display on the display panel	The mains plug of the appliance is not in the socket properly.	Check whether the power is on.
Alarm sound	Door is slightly open or not close more than 1 minute.	Close the door completely.
The compressor do not work	lt's under defrosting mode. Power is not connected well.	lt's normal for defrosting; Check whether the power is connected well.
Compressor runs too long	The fridge has recently been dis-connected for a period of time; Put too much fresh or hot food ; Doors are opened too frequently or too long.	lt takes some hours for the fridge to cool down completely ; Hot food will cause the fridge to run longer until the desired temperature is reached ; Warm air entering the fridge cause it to run longer. Open the door less often.
Vibrating noise	Floor is uneven or weak ; Items placed on the top of the fridge are vibrating; Fridge is touching wall or cabinets.	Be sure floor is level and solid and can adequately support fridge; Remove items; Move fridge so that does not touch the wall or cabinets ;

Correct Disposal of this product

This symbol on the product, or in its packaging, indicates that this product may not be treated as household waste. Instead, it should be taken to the appropriate waste collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by the inappropriate waste handling of this product. For more detailed information about the recycling of this product, please contact your local council, your household waste disposal service, or the shop where you purchased the product.

ONE YEAR LIMITED WARRANTY

Please read and retain this warranty. Invision does not require Warranty Registration for this appliance.

Your InVision appliance is covered by a one-year limited warranty. For one year from your original date of purchase of the original purchaser, InVision will pay costs for repairing or replacing any parts of this appliance that prove to be defective in materials or workmanship when such appliance is installed, using and maintained in accordance with the provided instructions.

EXCLUSIONS

This Warranty Does Not Cover the Following:

1. Products on which original serial numbers have been removed, altered or cannot be readily determined.
2. Product that has been transferred from its original owner to another party or removed outside that USA or Canada.
3. Rust on the interior or exterior of the unit.
4. Products purchased secondhand.
5. Products used commercially.
6. Service calls which do not involve malfunction or defects in materials or workmanship, or for appliances not in ordinary household use or used other than in accordance with the provided instructions
7. Service calls to correct the installation of your appliance or to instruct you how to use your appliance.
8. Expenses for making the appliance accessible for servicing, such as removal of trim, cupboards, shelves, etc., which are not a part of the appliance when it is shipped from the factory.
9. Service calls to repair knobs, buttons, handles, or other cosmetic parts
10. Surcharges including, but not limited to, any after hour, weekend, or holiday service calls, tolls, ferry trip charges, or mileage expense for services calls to remote areas, including the state of Alaska.
11. Damage to the finish of appliance, RV, or home incurred during installation, including but not limited to floors, cabinets, walls, etc.
12. Damage caused by services performed by unauthorized service companies, use of parts other than genuine InVision parts or parts obtained from persons other than authorized service companies, or external causes such as abuse, misuse, inadequate power supply, accidents, fires, or acts of God.

The customer's sole or exclusive remedy under this limited warranty shall be product or repair or replacement as provided herein. Claims based on implied warranties, including warranties of merchantability or fitness for particular purpose, are limited to one year or the shortest period allowed by law, but not less than one year. InVision shall not be liable for consequential or incidental damages such as property damage and incidental expenses resulting from any breach of this written limited warranty or any implied warranties, so these limitations or exclusions may not apply to you. This written warranty gives you specific legal rights. You may also have other rights that vary from state to state.

Keep your receipt to establish the warranty period should service be required. If service is performed, please obtain and keep all receipts. Product features or specifications as described or illustrated are subject to change without notice

IF YOU HAVE A PRODUCT PROBLEM:

1. If warranty service is required, return product to your dealer and/or retailer for refund or replacement; or
2. contact Invision, an Airxcel brand, Customer Service Department at 574-247-9235.

Be sure to have the model and serial number (located on the appliance rating plate, proof of purchase and the nature of the problem readily available.

FOR FUTURE REFERENCE, YOU SHOULD RECORD THE FOLLOWING INFORMATION:	
MODEL NUMBER:	
SERIAL NUMBER:	
STOCK NUMBER:	
DATE OF PURCHASE:	

InVision

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