



OWNER'S MANUAL

FRENCH DOOR

REFRIGERATOR

Please read this owner's manual thoroughly before operating and keep it handy for reference at all times.

GLC8021PS



MFL68680420

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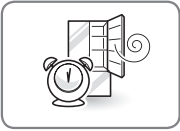
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PRODUCT FEATURES

* Depending on the model, some of the following functions may not be available.



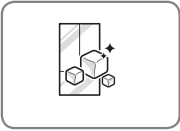
DOOR ALARM

The Door Alarm function is designed to prevent refrigerator malfunctioning that could occur if a refrigerator door or freezer door remains open. If a refrigerator door or freezer door is left open for more than 60 seconds, a warning alarm sounds in 30 second intervals until it is closed.



AUTO CLOSING HINGE

The refrigerator doors close automatically with a slight push. (The door only closes automatically when it is open at an angle less than 30°.)



EXPRESS FREEZE

The freezer section is maintained at the coldest temperature for a 24-hour period before automatically resuming normal operation. The freezer display temperature will not change when Express Freeze is engaged. It will also enhance ice production whilst it is on.

IMPORTANT SAFETY INSTRUCTIONS

READ ALL INSTRUCTIONS BEFORE USING THE APPLIANCE.

This guide contains many important safety messages. Always **read and obey** all safety messages.



This is the safety alert symbol. It alerts you to safety messages that inform you of hazards that can kill or hurt you or others, or cause damage to the product.

All safety messages will be preceded by the safety alert symbol and the hazard signal word **WARNING** or **CAUTION**. These words mean:



WARNING You can be killed or seriously injured if you do not follow instructions.



CAUTION Indicates an imminently hazardous situation which, if not avoided, may result in minor or moderate injury, or product damage.



WARNING

To reduce the risk of fire, electric shock, or personal injury when using your product, basic safety precautions should be followed, including the following.

Power

- NEVER unplug your refrigerator by pulling on the power cord. Always grip the plug firmly and pull it straight out from the outlet.
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard. Do not use a cord that shows cracks or abrasion damage along its length or at either the plug or connector end.
- Do not use an uncertified power outlet.
- Unplug the power plug immediately in the event of a blackout or thunderstorm.
- Plug in the power plug with the power cord facing downward.

Installation

- Contact an authorized service center when you install or relocate the refrigerator.
- When moving your refrigerator away from the wall, be careful not to roll over or damage the power cord.
- Connect this product to a dedicated grounded electric outlet conforming with the rating prior to use. It is the user's responsibility to replace a standard 2-prong wall outlet with a standard 3-prong wall outlet.
- Do not install the refrigerator where there may be a danger of it falling. Installation on a non sturdy timber floor may cause difficulty in door alignment and cause the cabinet to deform.
- The refrigerator must be properly installed in accordance with the Installer Instructions that were taped to the front of the refrigerator.
- Be careful when you unpack and install the refrigerator. Immediately dispose of packing materials (plastic) out of reach of children.

Use

- DO NOT allow children to climb, stand, or hang on the refrigerator doors or shelves in the refrigerator. They could damage the refrigerator and seriously injure themselves.
- Where fitted, do not place heavy objects on the dispenser of the refrigerator or hang onto it.
- Do not place heavy or dangerous objects (bottles or vases with liquid) on the refrigerator.
- Do not put live animals inside of the refrigerator.
- Do not allow children to climb into the product when it is in or out of use.
- In the event of a gas leak (propane/LPG), ventilate sufficiently and contact an authorized service center before use. Do not touch or disassemble the electric outlet of the refrigerator.
- In the event of a refrigerant leak, move flammable objects away from the refrigerator. Ventilate sufficiently and contact an authorized service center.
- Do not use or place flammable substances (chemicals, medicine, cosmetics, etc) near the refrigerator or store them inside the refrigerator. Do not place the refrigerator in the vicinity of flammable gas.
- This appliance is intended to be used in household and similar applications such as
 - 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 use this product for special purposes or mobile applications (storage of medicine or test materials or on ships, etc).
- Unplug the power plug before cleaning or repairing the refrigerator.
- If the refrigerator is fitted with light bulbs and require replacing, unplug the refrigerator or turn off the power before doing so.
- Do not modify or extend the power cord.
- Do not use a hair dryer to dry the interior. Do not light a candle to remove any interior odor.
- For your safety, this appliance must be properly grounded. Have the wall outlet and the circuit checked by a qualified electrician to make sure the outlet is properly grounded.
- Do not use an outlet that can be turned off via a remote switch. Do not use an extension cord. It is the user's responsibility to replace a standard 2-prong wall outlet with a standard 3-prong wall outlet.
- Do not, under any circumstances, cut or remove the third (ground) prong from the power cord.
- Do not use an adapter plug and plug the power plug into a multi-outlet extension cord.
- Disconnect the power cord immediately if you hear a noise, smell a strange odor or detect smoke.
- Turn the power off if dust or water from above or below penetrates into the refrigerator. Call a service agent.

READ ALL INSTRUCTIONS BEFORE USING THE APPLIANCE.

To reduce the risk of fire, electric shock, or personal injury when using your product, basic safety precautions should be followed, including the following.

- Do not disassemble or modify the refrigerator.
- Do not put hands, feet, or metal objects below or behind the refrigerator.
- Do not operate the refrigerator or touch the power cord with wet hands.
- In refrigerators with automatic icemakers, avoid contact with the moving parts of the ejector mechanism or with the heating element that releases the cubes. Do not place fingers or hands on the automatic ice-making mechanism while the refrigerator is plugged in.
- When dispensing ice from the dispenser, do not use crystal ceramics.
- Do not touch the cold surfaces in the freezer compartment with wet or damp hands, when your refrigerator is in operation.
- Do not put glass containers, glass bottles or beverage cans in the freezer.
- Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.
- 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.
- Do not refreeze frozen foods that have thawed completely. It may result in serious health issues.
- If you are throwing away your old refrigerator, make sure the CFC coolant is removed for proper disposal by a qualified servicer. If you release CFC coolant, you may be fined or imprisoned in accordance with the relevant environmental law.
- Disposed or abandoned refrigerators are dangerous, even if they are sitting for only a few days. When disposing the refrigerator, remove the packing materials from the door or take off the doors but leave the shelves in place so that children may not easily climb inside.
- If the refrigerant gas has leaked, do not touch the refrigerator or the power outlet and ventilate the room immediately. A spark could trigger an explosion causing a fire or burns. Because this refrigerator uses natural gas (isobutene, R600a) as the environment-friendly refrigerant, even a small amount (50~60g) is combustible. If gas leaks from severe damage during delivering, installing or using the refrigerator, any spark may cause fire or burns.
- Close the doors carefully when children are around.
- Keep fingers out of pinch point areas; clearances between the doors and cabinets are necessarily small. Be careful closing doors when children are in the area.

READ ALL INSTRUCTIONS BEFORE USING THE APPLIANCE.

To reduce the risk of fire, electric shock, or personal injury when using your product, basic safety precautions should be followed, including the following.

- If food is stacked or stored poorly on the shelves, it may fall and cause injury when the door is opened.
- Do not move refrigerator while the refrigerator is operating. A Compressor rattling noise may occur as a result and will only stop when the compressor cycles off, or when the power to the unit is turned off and back on again. (This is normal and will not impact on the performance or the life of the compressor. The rattling will stop after the compressor comes to a rest.)

Maintenance

- Do not use strong detergents like wax or thinners for cleaning. Clean with a soft fabric.
- Wipe foreign objects (dust, water, etc) off the prongs of the power plug and contact areas before connecting.

WARNING

- Keep ventilation openings, in the appliance enclosure or in the built-in structure, clear of obstruction.
- Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.
- Do not damage the refrigerant circuit.
- Do not use electrical appliances inside the food storage compartments of the appliance, unless they are of the type recommended by the manufacturer.
- The refrigerant and insulation blowing gas used in the appliance require special disposal procedures. When disposal, please consult with service agent or a similarly qualified person.

 This appliance contains a small amount of isobutane refrigerant (R600a), natural gas with high environmental compatibility, but it is also combustible. When transporting and installing the appliance, care should be taken to ensure that no parts of the refrigerating circuit are damaged. Refrigerant squirting out of the pipes could ignite or cause an eye injury. If a leak is detected, avoid any naked flames or potential sources of ignition and air the room in which the appliance is standing for several minutes.

In order to avoid the creation of a flammable gas air mixture if a leak in the refrigerating circuit occurs, the size of the room in which the appliance may be sited depends on the amount of refrigerant used. The room must be 1m² in size for every 8g of R600a refrigerant inside the appliance. The amount of refrigerant in your particular appliance is shown on the identification plate inside the appliance. Never start up an appliance showing any signs of damage. If in doubt, consult your dealer.

WATER PRESSURE

A cold water supply. The water pressure must be between 20 and 120 psi (140 and 830 kPa) on models without a water filter and between 40 and 120 psi (280 and 830kPa) on models with a water filter.

If a reverse osmosis water filtration system is connected to your cold water supply, this water line installation is not covered by the refrigerator warranty. Follow the following instructions carefully to minimize the risk of expensive water damage.

If a reverse osmosis water filtration system is connected to your cold water supply, the water pressure to the reverse osmosis system needs to be a minimum of 40 to 60 psi (2.8kgf/cm² ~ 4.2 kgf/cm²; less than 2.0~3.0 sec. to fill a cup of 7 oz capacity).

If the water pressure from the reverse osmosis system is less than 21 psi or 1.5 kgf/cm² (takes more than 4.0 sec to fill a cup of 7 oz capacity):

- Check to see if the sediment filter in the reverse osmosis system is blocked. Replace the filter if necessary.
- Allow the storage tank on the reverse osmosis system to refill after heavy usage.
- If the issue concerning water pressure from reverse osmosis remains, call a licensed, qualified plumber.
- All installations must be in accordance with local plumbing code requirements.

WARNING

1. Wear eye protection during installation to prevent injury.
2. Connect to potable water supply only.

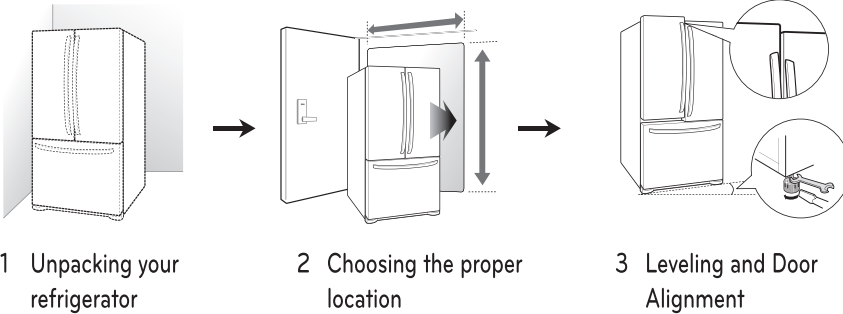
CAUTION

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

INSTALLATION

Installation Overview

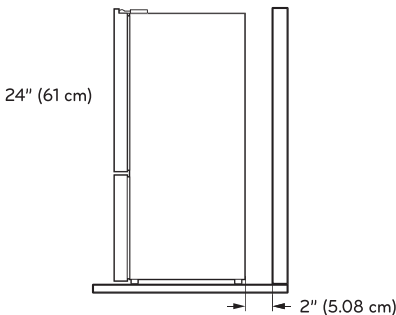
Please read the following installation instructions first after purchasing this product or transporting it to another location.



Ambient Temperature

Install this appliance in an indoor area where the temperature is between 13°C and 43°C . If the temperature around the appliance is too low or high, the cooling ability may be adversely affected.

- 1 Place your appliance where it is easy to use.
- 2 Avoid placing the unit near heat sources, direct sunlight or moisture.
- 3 To ensure proper air circulation around the fridge -freezer, please maintain sufficient space on both the sides as well as top and maintain at least 2 inches (5.08 cm) from the rear wall.
- 4 To avoid vibrations, the appliance must be leveled.
- 5 Don't install the appliance below 5°C . It may affect the performance.

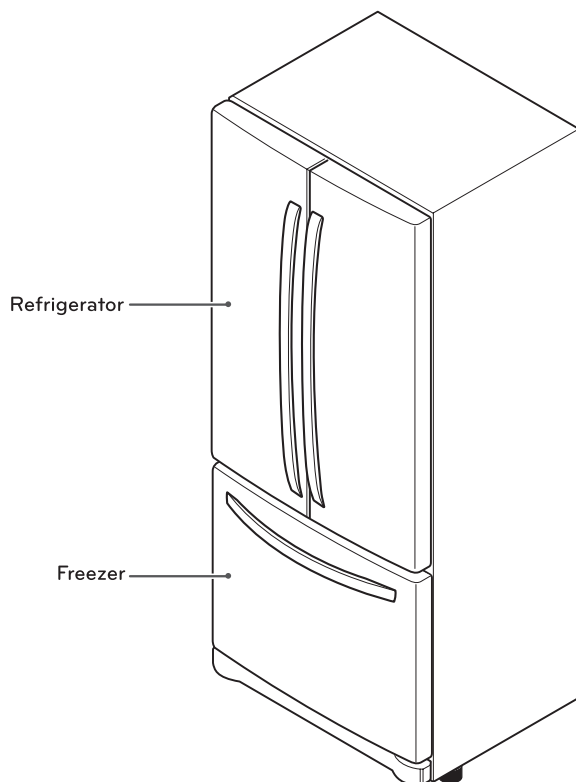


COMPONENTS

Use this page to become more familiar with the parts and features of your refrigerator. Page references are included for your convenience.

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

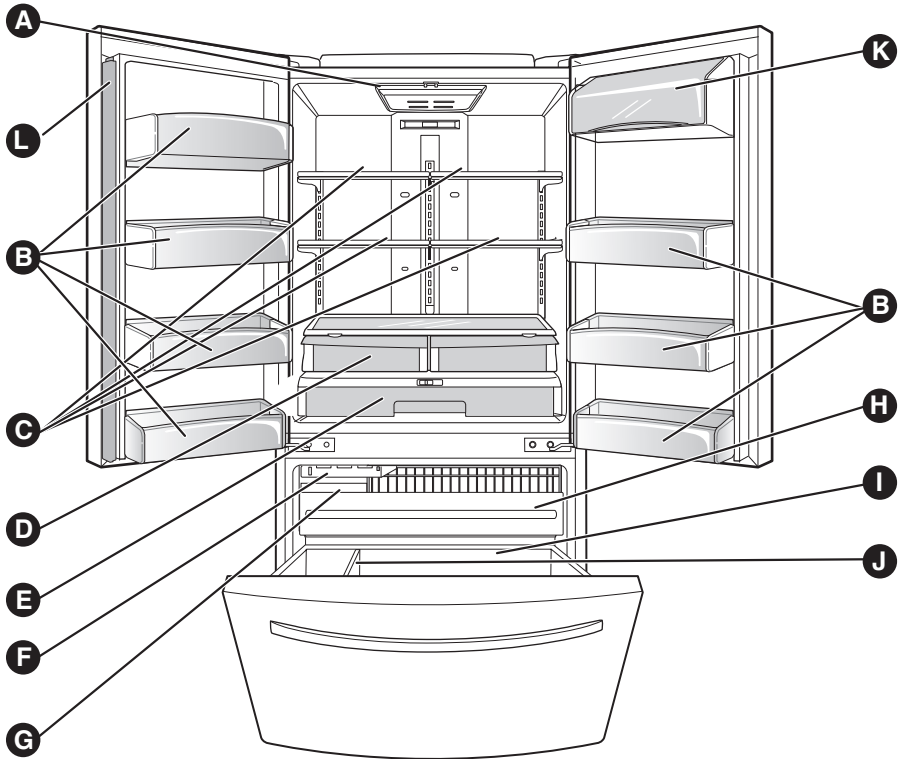
Refrigerator Exterior (Applicable to some models only)



SUGGESTION FOR ENERGY SAVING

- Please do not keep the door open for a long time, close door in the shortest time.
- Too much food are not advised to be put in. Enough space should be kept for cool air circulating freely.
- Do not set the temperature of refrigerator lower than needed. Do not put the food near the temperature sensor.
- Allow hot food to cool prior to storing. Placing hot food in the fridge-freezer could spoil other food, and lead to higher electric bills.
- Do not block air vents with food. Smooth circulation of cold air keeps fridge-freezer temperature even.
- Do not open the door frequently. Opening the door lets warm air enter the fridge-freezer, and cause temperature to rise.

Refrigerator Interior (Applicable to some models only)



Use this page to become more familiar with the parts and features. Page references are included for your convenience.

NOTE: This guide covers several different models. The refrigerator you have purchased may have some or all of the items listed below. The locations of the features shown below may not match your model.

- | | |
|--|--------------------------|
| A Digital Sensor Control | G Ice Bin |
| B Modular Door Bins | H Pull out Drawer |
| C Shelves | I Durabase |
| D Crisper
(Keeps fruits and vegetable fresh and crisper) | J Divider |
| E Glide'N'Serve | K Dairy Bin |
| F Automatic Icemaker | L M Mullion |

Unpacking Your Refrigerator



WARNING

- Use two or more people to move and install the refrigerator. Failure to do so can result in back or other injury.
- Your refrigerator is heavy. When moving the refrigerator for cleaning or service, be sure to protect the floor. Always pull the refrigerator straight out when moving it. Do not wiggle or walk the refrigerator when trying to move it, as floor damage could occur. Wind the leveling feet up first so that the unit is on its rollers.
- Keep flammable materials and vapors, such as gasoline, away from the refrigerator. Failure to do so can result in fire, explosion, or death.

Remove tape and any temporary labels from your refrigerator before using. Do not remove any warning-type labels, the model and serial number label, or the Tech Sheet that is located under the front of the refrigerator.

To remove any remaining tape or glue, rub the area briskly with your thumb. Tape or glue residue can also be easily removed by rubbing a small amount of liquid dish soap over the adhesive with your fingers. Wipe with warm water and dry.

Do not use sharp instruments, rubbing alcohol, flammable fluids, or abrasive cleaners to remove tape or glue. These products can damage the surface of your refrigerator.

Refrigerator shelves are installed in the shipping position. Please reinstall shelves according to your individual storage needs.

Choosing the Proper Location

- The refrigerator should always be plugged into its own individual properly grounded electrical outlet rated for 230 Volts, 50 Hz, AC only, and fused at 15 or 20 amperes. This provides the best performance and also prevents overloading house wiring circuits which could cause a fire hazard from overheated wires. It is recommended that a separate circuit serving only this appliance be provided.



WARNING

To reduce the risk of electric shock, do not install the refrigerator in a wet or damp area. Do not install in any outdoor or sheltered outdoor location or direct sunlight.

Flooring

To avoid noise and vibration, the unit must be leveled and installed on a solidly constructed floor. If required, adjust the leveling legs to compensate for unevenness of the floor. The front should be slightly higher than the rear to aid in door closing. Leveling legs can be turned easily by tipping the cabinet slightly. Turn the leveling legs to the left to raise the unit or to the right to lower it. Poorly constructed timber flooring can cause a limit in door adjustment and the cabinet to become out of shape. (See Leveling and door Alignment.)



NOTE

Installing on carpeting, soft tile surfaces, a platform or weakly supported structure is not recommended.

Turning On The Power

Plug in the refrigerator.

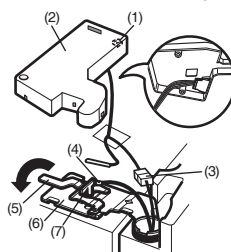


CAUTION

- Connect to a rated power outlet.
- Have a certified electrician check the wall outlet and wiring for proper grounding.
- Do not damage or cut off the ground terminal of the power plug.

How to Remove the Refrigerator Door

IMPORTANT: Before you begin, turn the refrigerator OFF and unplug it. Remove food and any bins from doors.

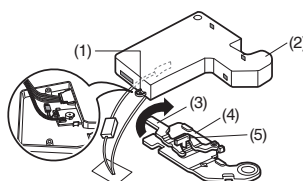


1 To remove the left refrigerator door:

- Open the door. Remove the top hinge cover screw (1).
- Use a flat blade screwdriver to lift the tabs on the front underside of the cover(2). Lift up the cover.
- Disconnect all the wire harnesses (3).
- Remove the grounding screw(4).
- Rotate hinge lever (5) counterclockwise. Lift the top hinge (6) free of the hinge lever latch (7).

IMPORTANT: When lifting the hinge free of the latch, be careful that the door does not fall forward.

- Lift the door from the middle hinge pin and remove the door.
- Place the door, inside facing up, on a non-scratching surface.



2 To remove the right refrigerator door:

- Open the door. Remove the top hinge cover screw (1).
- Use a flat blade screwdriver to lift the tabs on the front underside of the cover(2). Lift up the cover.
- Rotate hinge lever (3) clockwise. Lift the top hinge (4) free of the hinge lever latch (5).

IMPORTANT: When lifting the hinge free of the latch, be careful that the door is heavy and may fall forward.

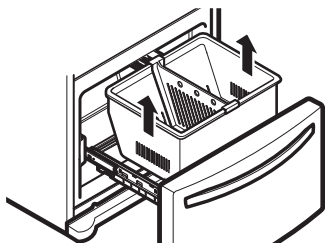
- Lift the door from the middle hinge pin and remove the door.
- Place the door, inside facing up, on a non-scratching surface.

How to remove and install the pullout drawer

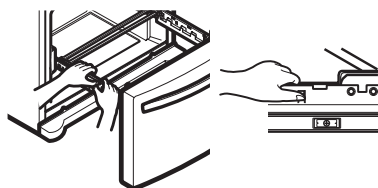
IMPORTANT: To avoid possible injury or product or property damage, you will need two people to perform the following instructions.

1. Removing Pullout Drawer

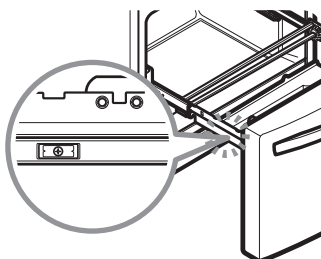
- Pull the drawer open to full extension. Remove the lower basket (1) by lifting basket from rail system. (If you tilt the door, it will be easier.)



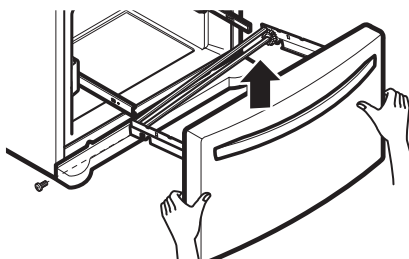
- Press both hangers with your thumbs to lift it up.
- Separate the left and right rail cover.



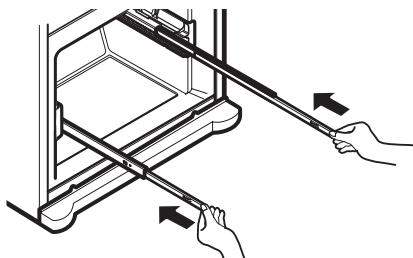
- Remove the screws (2) of the rail on both sides.



- With both hands, hold both sides of the door and pull it up to separate it from the rails.



- With both hands, hold the center bar and push it in to let both rails fitted simultaneously.



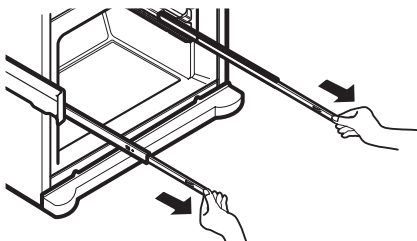
▲ CAUTION: When you remove the drawer, do not hold the handle. If it may come off and it could cause personal injury.

▲ CAUTION: When laying the drawer down, be careful not to damage the floor or hurt your feet by the sharp edges on hinge side.

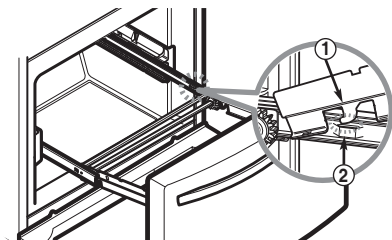
IMPORTANT: To avoid possible injury or product or property damage, you will need two people to perform the following instructions.

2. Installing Pullout Drawer

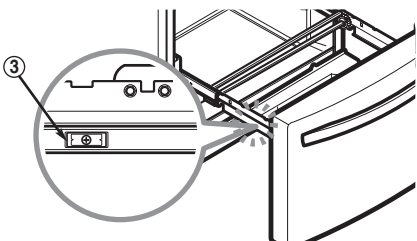
- With both hands, hold the center bar and push it out to let both rails out to full extension simultaneously.



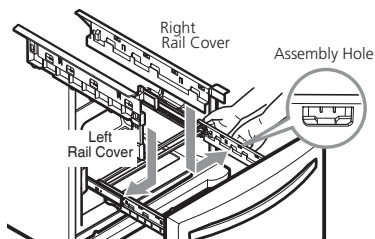
- Hook door supports (1) into rail tabs (2).



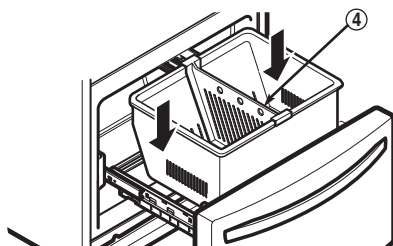
- Lower door into final position and tighten the screws (3).



- Align the top holes of the rail cover with the top holes of the door supports to assemble the rail covers.



- With the drawer pulled out to full extension, insert the lower basket (4) in the rail assembly.



▲ **WARNING:** To prevent accidental child and pet entrapment or suffocation risk. DO NOT allow them to play inside of drawer.

▲ **WARNING:** DO NOT step or sit down on freezer door.

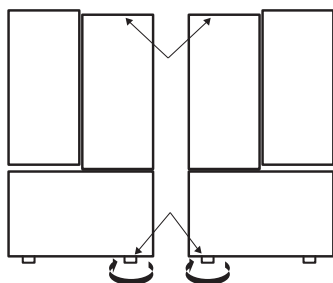
Leveling and door alignment

Leveling

After installing, secure the product with the LEG not to move left or right.

Your refrigerator has two front leveling screws—one on the right and one on the left. If your refrigerator seems unsteady or you want the doors to close easier, adjust the refrigerator's tilt using the instructions below:

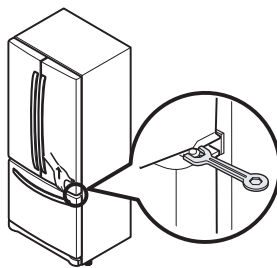
1. Plug the refrigerator's power cord into a 3-prong grounded outlet. Move the refrigerator into its final position.
2. Turn the leveling leg clockwise to raise that side of the refrigerator or counterclockwise to lower it. It may take several turns of the leveling leg to adjust the tilt of the refrigerator.
NOTE: Having someone push against the top of the refrigerator takes some weight off the leveling legs. This makes it easier to adjust the legs.



3. Open both doors again and check to make sure that they close easily. If not, tilt the refrigerator slightly more to the rear by turning both leveling screws clockwise. It may take several more turns, and you should turn both leveling screws the same amount.
4. Re-adjust if necessary.
5. Replace the base cover.

NOTE: Your new refrigerator is uniquely designed with two fresh food doors. Either door can be opened or closed independently of one another. You may have to exert slight pressure on doors to get them to close completely.

Door Alignment



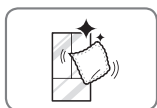
Both the left and right refrigerator doors have an adjustable nut, located on the bottom hinge, to raise and lower them to align properly.

If the space between your doors is uneven, follow the instructions below to align the doors evenly:

Use the spanner (included with the Owner's Manual) to turn the nut in the door hinge to adjust the height. To the right to raise or to the left to lower the height.

HOW TO USE

Before use



Clean the refrigerator.

Clean your refrigerator thoroughly and wipe off all dust that may have accumulated during shipping.



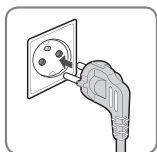
CAUTION

- Do not scratch the refrigerator with a sharp object or use a detergent that contains alcohol, a flammable liquid or an abrasive when removing any tape or adhesive from the refrigerator.
- Do not peel off the model or serial number label or the technical information on the rear surface of the refrigerator.



NOTE

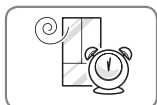
Remove adhesive residue by wiping it off with your thumb or dishwashing detergent.



Connect the power supply.

Check if the power supply is connected before use.

Read the "Turning On The Power" section. (Your plug type might be different from the picture.)



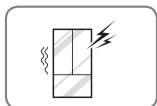
Wait for the refrigerator to cool.

Allow your refrigerator to run for at least three to four hours before putting food in it. Check the flow of cold air in the freezer compartment to ensure proper cooling.



CAUTION

Putting food in the refrigerator before it has cooled could cause the food to spoil, or a bad odor could remain inside the refrigerator.



The refrigerator makes a loud noise after initial operation.

This is normal. The loudness will decrease as the temperature lowers.



Before Plugging in, open the refrigerator doors to ventilate the interior.

The inside of the refrigerator may smell like plastic at first. Remove any adhesive tape from inside the refrigerator and open the refrigerator doors for ventilation until any odors have subsided.

Control Panel (Applicable to some models only)

Control Panel Features



Fridge Temperature °C

Indicates the set target temperature of the refrigerator compartment in Celsius (°C).

The recommended Fridge set temperature in normal ambient conditions and loads is 3°C ~ 4°C.

Freezer Temperature °C

Indicates the set target temperature of the freezer compartment in Celsius (°C).

The recommended Freezer set temperature in normal ambient conditions and loads is -17°C ~ -19 °C.



NOTE

The displayed temperature is the target temperature, and not the actual temperature of the refrigerator. The actual refrigerator temperature depends on the food inside the refrigerator as well as ambient temperatures and how often the doors are opened and closed.

Express Freeze

This function increases both ice making and freezing capabilities.

- When you press the **Express Freeze** button, the graphic will illuminate in the display and will continue for about 24 hours. The function will automatically disable itself after about 24 hours.
- You can stop this function manually by pressing the button one more time.

Door Alarm

- When the power is connected to the refrigerator, door alarm is initially set ON and door alarm display will show [] (ON).
- When either refrigerator or the freezer door is left open for more than 60 seconds, the alarm will ding to let you know the door is open.
- When you close the door, the door alarm will stop dinging.
- If you want to disable the door alarm function, press [] button then the door alarm display will switched to [] (OFF).



CAUTION

Display Mode (For Store Use Only)

The Display Mode disables all cooling in the refrigerator and freezer sections to conserve energy while on display in a retail store. When activated OFF will display on the control panel.

To deactivate / activate:

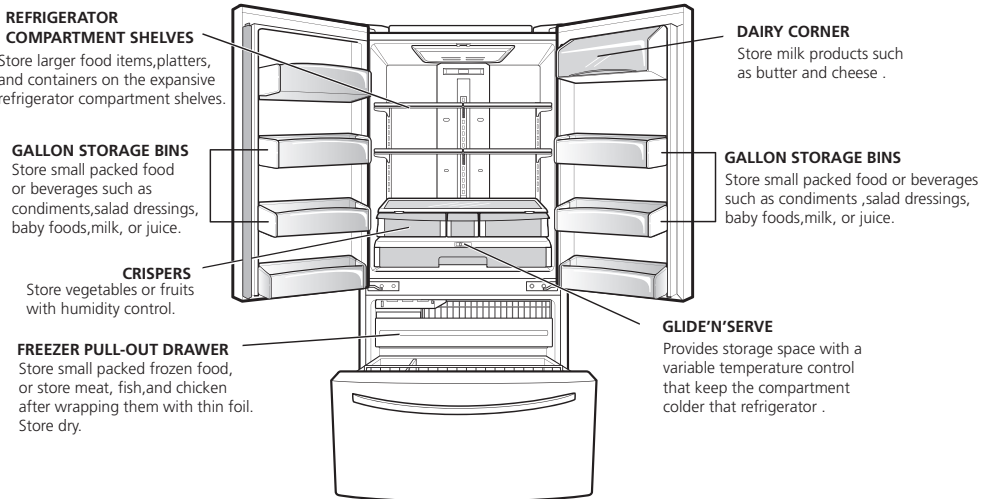
Open the Refrigerator door, then while holding down the Fridge button repeatedly press the Express Freeze button 3 times.

The control panel will be on and the temperature settings will change to confirm that the Display Mode is deactivated. Use the same procedure to activate the Display Mode.

Storing Food

Food Preservation Location (Applicable to some models only)

Each compartment inside the refrigerator is designed to store different types of food. Store your food in the optimal space to enjoy the freshest taste.



CAUTION

- Do not store food with high moisture content towards the top of the refrigerator. The moisture could come in direct contact with the cold air and freeze.
- Wash food before storing it in the refrigerator. Vegetables and fruit should be washed, and food packaging should be wiped down to prevent adjacent foods from being contaminated.
- If the refrigerator is kept in a hot and humid place, frequent opening of the door or storing a lot of vegetables in the refrigerator may cause condensation to form. Wipe off the condensation with a clean cloth or a paper towel.
- If the refrigerator doors are opened or closed too often, warm air may penetrate the refrigerator and raise its temperature. It can also increase the refrigerator's electricity usage.



NOTE

- If you are leaving home for a short period of time, like a short vacation, the refrigerator should be left on. Refrigerated foods that are able to be frozen will stay preserved longer if stored in the freezer.
- If you are leaving the refrigerator turned off for an extended period of time, remove all food and unplug the power cord. Clean the interior, and leave the doors slightly ajar to prevent mold from growing in the refrigerator.
- The Cheese & Butter and Condiment bins are not recommended for storing items that spoil easily such as milk and mayonnaise.

Food Storage Tips

* The following tips may not be applicable depending on the model.

Wrap or store food in the refrigerator in airtight and moisture-proof material unless otherwise noted. This prevents food odor and taste transfer throughout the refrigerator. For dated products, check use by dates to ensure freshness.

Food	How to
Butter or Margarine	Keep opened butter in a covered dish or closed compartment. When storing an extra supply, wrap in freezer packaging and freeze.
Cheese	Store in the original wrapping until you are ready to use it. Once opened, rewrap tightly in plastic wrap or aluminum foil.
Milk	Wipe milk cartons. For best storage, place milk on interior shelf, not on door shelf.
Eggs	Store in original carton on interior shelf, not on door shelf.
Fruit	Do not wash or prepare fruit until it is ready to be used. Sort and keep fruit in its original container, in a crisper, or store in a completely closed paper bag on a refrigerator shelf.
Leafy Vegetables	Remove store wrapping and trim or tear off bruised and discolored areas. Wash in cold water and drain. Place in plastic bag or plastic container and store in crisper.
Vegetables with skins (carrots, peppers)	Place in plastic bags or plastic container and store in crisper.
Fish	Store fresh fish and shellfish in the freezer section if they are not being consumed the same day of purchase. It is recommended to consume fresh fish and shellfish the same day purchased.
Leftovers	Cover leftovers with plastic wrap, aluminum foil, or plastic containers with tight lids.

Storing Frozen Food



NOTE

Check a freezer food guide or a reliable cookbook for further information about preparing food for freezing or food storage times.

Freezing

Your freezer will not quick-freeze a large quantity of food. Do not put more unfrozen food into the freezer than will freeze within 24 hours (no more than 1 to 1.5kg. of food per cubic foot of freezer space). Leave enough space in the freezer for air to circulate around packages. Be careful to leave enough room at the front so the door can close tightly.

Storage times will vary according to the quality and type of food, the type of packaging or wrap used (how airtight and moisture-proof) and the storage temperature. Ice crystals inside a sealed package are normal. This simply means that moisture in the food and air inside the package have condensed, creating ice crystals.



NOTE

Allow hot foods to cool at room temperature for 30 minutes, then package and freeze. Cooling hot foods before freezing saves energy.



NOTE

Never freeze beverage cans or bottles of any kind as they can explode or shatter.

Storing Frozen Food (continued)

Packaging

Successful freezing depends on correct packaging. When you close and seal the package, it must not allow air or moisture in or out. If it does, you could have food odor and taste transfer throughout the refrigerator and could also dry out frozen food.

Packaging recommendations:

- Rigid plastic containers with tight-fitting lids
- Straight-sided canning/freezing jars
- Heavy-duty aluminum foil
- Plastic-coated paper
- Non-permeable plastic wraps
- Specified freezer-grade self-sealing plastic bags

Follow package or container instructions for proper freezing methods.

Do not use

- Bread wrappers
- Non-polyethylene plastic containers
- Containers without tight lids
- Wax paper or wax-coated freezer wrap
- Thin, semi-permeable wrap

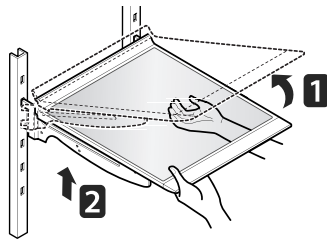
Adjusting the Refrigerator Shelves

The shelves in your refrigerator are adjustable to meet your individual storage needs. Your model may have either glass or wire shelves.

Adjusting the shelves to fit different heights of items will make finding the exact item you want easier. Doing so will also reduce the amount of time the refrigerator door is open which will save energy.

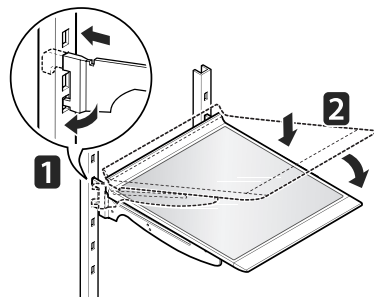
Detaching the Shelf

Tilt up the front of the shelf and lift it straight up. Pull the shelf out.



Refitting the Shelf

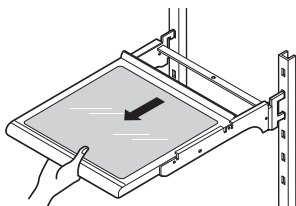
Tilt the front of the shelf up and guide the shelf hooks into the slots at the desired height. Then, lower the front of the shelf so that the hooks drop into the slots.



CAUTION

Make sure that shelves are level from one side to the other. Failure to do so may result in the shelf falling or spilling food.

Using the Sliding Out Shelves

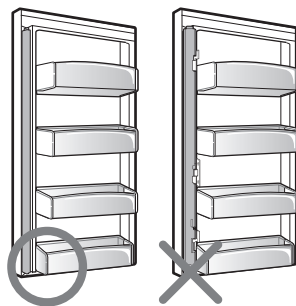


Sliding Out Shelves

You can slide glass shelves in and out of your refrigerator as follows.

- **To slide the shelf out,** carefully pull front of shelf toward you.
- **To slide shelf in,** push shelf in until it stops.

When Closing the Door



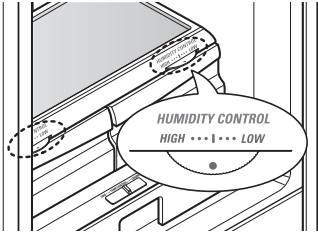
CAUTION

- To reduce the risk of door scratches and breaking the door centre mullion, please make sure that the refrigerator door mullion is always folded in.
- The door Alarm will sound if the door remains open after 1 minute. Ensure that the folding mullion is folded in before closing the left hand door.

Crisper humidity control

You can control the amount of humidity in the moisture-sealed crispers. Store vegetables or fruits requiring more or less humidity in separate crispers. Adjust the control to any setting between **HIGH** and **LOW**.

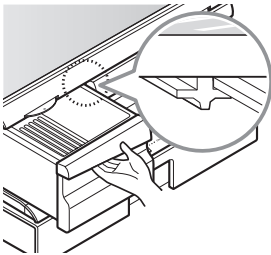
- **LOW** lets moist air out of the crisper for best storage of fruits.
- **HIGH** keeps moist air in the crisper for best storage of fresh, leafy vegetables.



▲ CAUTION : The glass shelf over the crisper is may not be firmly secured. Be careful when tilting.

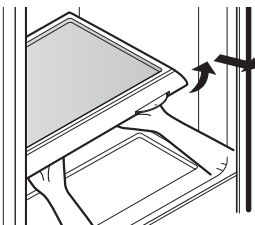
Removing crisper

1. To remove, pull the drawer out to full extension.
2. Lift the front of the crisper up, then pull it straight out.
3. To install, slightly tilt up the front and insert the drawer into the frame and push it back into place.



To remove glass shelf

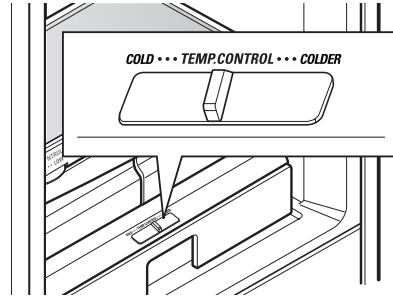
1. Lift up the glass under the crisper cover.
2. Pull the glass up and out.



Glide'N' serve

The **Glide'N'Serve** provides storage space with a variable temperature control that has the ability to keep the compartment slightly (proportionally) colder than refrigerator.

This drawer can be used for large party trays, deli items, or beverages. (this drawer should not be used for vegetables as they will freeze.)

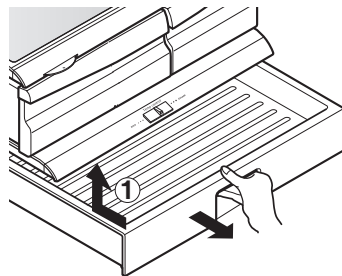


Controls

The control regulates the air temperature in the drawer. Set control level to **COLD** to provide normal refrigerator temperature. Use the **COLDER** setting for meats or other deli items.

NOTE: Selecting the **COLDER** position on the Glide'N'Serve can affect the refrigerator temperature. Refrigerator control may need to be re adjusted to a colder temperature.

To replace Glide'N'Serve

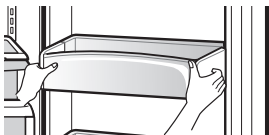


1. To remove, pull the drawer out to full extension.
2. Lift the front of the drawer up, then pull it straight out.
3. To install, slightly tilt up the front and insert the drawer into the frame and push it back into place.

Modular door bin

The door bins are removable for easy cleaning and adjusting.

1. To remove the bin, simply lift the bin up and pull straight out.
2. To replace the bin, slide it in above the desired support stoppers and push down until it stops.



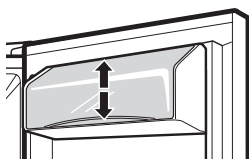
▲ WARNING : Injury or damage can occur if door bins are not firmly assembled.

NOTE : DO NOT adjust a bin that is loaded with food.

▲ CAUTION : DO NOT allow children to play with baskets. Sharp corners on baskets could cause injury.

Dairy bin

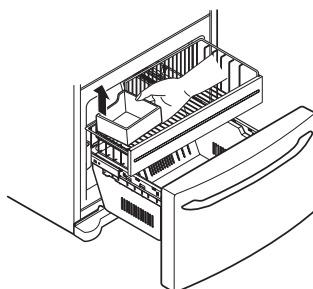
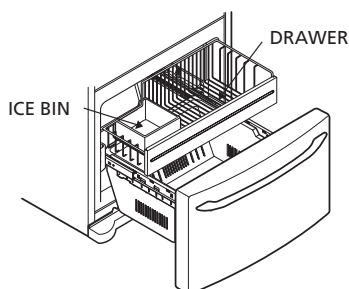
1. To remove the dairy bin, simply lift it and pull straight out.
2. To replace the dairy bin, slide it in above the support stoppers and push down until it stops.



Freezer section

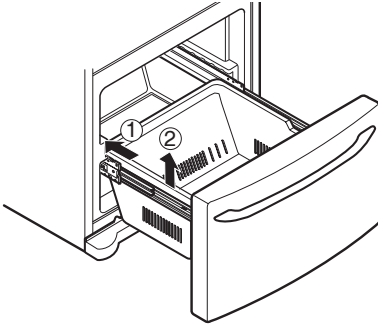
Ice bin

1. To separate the ice bin, pull out the drawer as much as possible.
2. Gently lift and pull out the ice bin.
3. To install, pull out the drawer as much as possible and set the ice bin in its correct position, then push in the drawer.



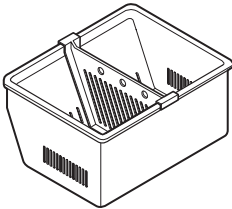
Durabase

1. To remove the Durabase, push it back to the end as much as possible. Tilt up the front of the Durabase and pull straight out.
2. To install, insert the Durabase in rail assembly.



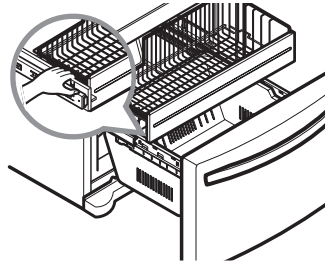
Durabase divider

The Durabase divider allows you to organize the Durabase area into two sections.

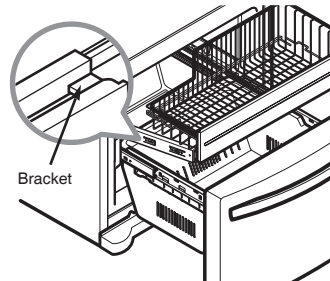


▲WARNING :If the Durabase divider is removed, there is enough open space for children or pets to crawl inside. To prevent accidental child and pet entrapment or suffocation risk, DO NOT allow them to play inside of drawer.

Pull out drawer



To remove the drawer, push the tabs located on the front inside surface of each rail. Next, gently lift the rear left and right sides of the drawer and pull it out.



To reinstall, pull out both rails to full extension. Insert the end of rib in the bracket at left and right. Making sure that the guides at the front are lined up properly, gently push down on both sides.

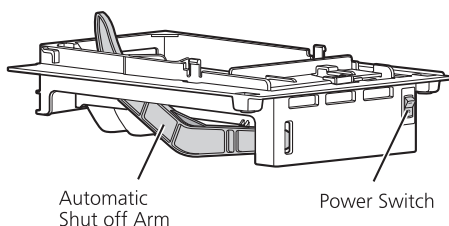
⚠ WARNING

Personal Injury Hazard

DO NOT insert your hands in to the Icemaker in operation. It may cause to injure you.

Operation instructions

A newly-installed refrigerator may take 12 to 24 hours to begin making ice.



The icemaker will produce 12 cubes per cycle—approximately 50 ~ 110 cubes in a 24- hour period, depending on freezer compartment temperature, room temperature, number of door openings and other operating conditions.

If the refrigerator is used before the water connection is made to the icemaker, set the ice maker power switch to **O (off)**.

When the refrigerator has been connected to the water supply, set the power switch to **I (on)**.

The icemaker will fill with water when the freezer has reached a freezing temperature, however it may not make cubes if the Freezer set temperature is set to a warmer temperature to 24 hours to begin making ice cubes.

Throw away the first few batches of ice to allow the water line to clear.

Be sure nothing interferes with the sweep of the Automatic Shut off Arm.

When the bin fills to the level of the Automatic Shut off Arm, the icemaker will stop producing ice.

It is normal for several cubes to be stuck together.

If ice is not used frequently, old ice cubes will become cloudy, taste stale, and shrink.

When you should set the icemaker power switch to o (off)

- When the water supply will be shut off for several hours.
- When the ice bucket is removed for more than a minute or two.
- When the refrigerator will not be used for several days.

Normal sounds you may hear

- The icemaker water valve will buzz as the icemaker fills with water. If the power switch is in the **I (on)** position, it will buzz even if it has not yet been hooked up to water. To stop the buzzing, move the power switch to **O (off)**.

NOTE: Keeping the power switch in the **I (on)** position before the water line is connected can damage the icemaker.

- You will hear the sound of cubes dropping into the bin and water running in the pipes as the icemaker refills.

Preparing for vacation

Set the icemaker power switch to **O (off)** and shut off the water supply to the refrigerator.

If the ambient temperature will drop below freezing, have a qualified servicer drain the water supply system to prevent serious property damage due to flooding from ruptured water lines or connections.

Lamp Replacement

If LED lamp is damaged, it should be replaced by the service center instead of on your own.

MAINTENANCE

Cleaning

- Both the refrigerator and freezer sections defrost automatically; however, clean both sections about once a month to prevent odors.
- Wipe up spills immediately.
- Always unplug the refrigeration before cleaning.

General Cleaning Tips

- Unplug refrigerator or disconnect power.
- Remove all removable parts, such as shelves, crispers, etc.
- Use a clean sponge or soft cloth with mild detergent in warm water. Do not use abrasive or harsh cleaners.
- Hand wash, rinse and dry all surfaces thoroughly.

Exterior

Waxing external painted metal surfaces helps provide rust protection. Do not wax plastic parts. Wax painted metal surfaces at least twice a year using appliance wax (or auto paste wax). Apply wax with a clean, soft cloth. For products with a stainless steel exterior, use a clean sponge or soft cloth with mild detergent in warm water. Do not use abrasive or harsh cleaners. Dry thoroughly with a soft cloth.



CAUTION

- Do not use a rough cloth or sponge when cleaning the interior and exterior of the refrigerator.
- Do not place your hand on the bottom surface of the refrigerator when opening and closing.



WARNING

Use non-flammable cleaner. Failure to do so can result in fire, explosion, or death. Always remove power cord from the wall outlet prior to cleaning in the vicinity of electrical parts (lamps, switches, covers, controls, etc.). Wipe up excess moisture with a sponge or cloth to prevent water or Liquid from getting into any electrical part and causing an electric shock. Never use metallic scouring pads, brushes, coarse abrasive cleaners, Strong alkaline solutions, industrial detergent (bleach containing detergent) Flammable or toxic cleaning liquids on any surface. Do not use Hot water to clean the interior or any interior parts of the unit when they are cold.

Inside Walls (allow freezer to warm up so the cloth will not stick)

To help remove odors, you can wash the inside of the refrigerator with a mixture of baking soda and warm water. Mix 2 tablespoons of baking soda to 1 litre of warm water. Be sure the baking soda is completely dissolved so it does not scratch the surfaces of the refrigerator.

Door Liners and Gaskets

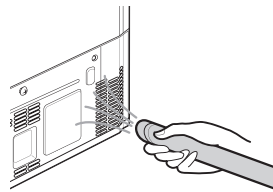
Use a clean sponge or soft cloth and a mild detergent in warm water. Do not use cleaning waxes, concentrated detergents, bleaches, or cleaners containing petroleum on plastic refrigerator parts.

Plastic Parts (covers and panels)

Use a clean sponge or soft cloth and a mild detergent in warm water. Do not use window sprays, abrasive cleansers, or flammable fluids. These can scratch or damage the material.

Condenser Coil Cover

Use a vacuum cleaner with an attachment to clean the condenser cover and vents located at the rear of the appliance. Do not remove the panel covering the condenser coil area. Always disconnect the main power before cleaning.



SMART DIAGNOSIS



Should you experience any problems with your refrigerator, it has the capability of transmitting data via your telephone to the LG service center. This gives you the capability of speaking directly to our trained specialists. The specialist records the data transmitted from your machine and uses it to analyze the issue, providing a fast and effective diagnosis.

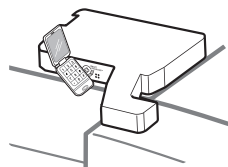
If you experience problems with your refrigerator, call to the LG service center. Only use the Smart Diagnosis feature when instructed to do so by the LG call center agent. The transmission sounds that you will hear are normal and sound similar to a fax machine.

Smart Diagnosis cannot be activated unless your refrigerator is connected to power. If your refrigerator is unable to turn on, then troubleshooting must be done without using Smart Diagnosis.

Using Smart Diagnosis

First, call to the LG service center. Only use the Smart Diagnosis feature when instructed to do so by the LG call center agent.

- 1 Hold the mouthpiece of your phone in front of the speaker that is located on the right hinge of the refrigerator door, when instructed to do so by the call center.



- 2 Press and hold the Freezer Temperature button for three seconds while continuing to hold your phone to the speaker.



- 3 After you hear three beeps, release the Freezer Temperature button.
- 4 Keep the phone in place until the tone transmission has finished. Once the countdown is over and the tones have stopped, resume your conversation with the specialist, who will then be able to assist you in using the information transmitted for analysis.

! NOTE

- For best results, do not move the phone while the tones are being transmitted.
- If the call center agent is not able to get an accurate recording of the data, you may be asked to try again.

! NOTE

- Call quality differences by region may affect the function.
- Use the home telephone for better communication performance, resulting in better service.
- Bad call quality either from a mobile or home phone may result in poor data transmission from your phone to the diagnostics call centre, which could cause Smart Diagnosis to not work properly.

TROUBLESHOOTING

Review the Troubleshooting section before calling for service; doing so will save you both time and money.

Problem	Possible Causes	Solutions
Refrigerator and Freezer section are not cooling.	The refrigerator display control is set to OFF (some models).	Cancel the OFF mode so that the unit commences operation. Refer to the Setting the Controls section for proper temperature settings
	May be in Display mode.	Refer to page 16 for Display mode instructions.
	Refrigerator is in the defrost cycle.	During the defrost cycle, the temperature of each compartment may raise slightly. Wait 40 minutes to confirm the proper temperature has been restored once the defrost cycle has completed.
	Refrigerator was recently installed.	It may take up to 24 hours for each compartment to reach the desired temperature.
	Refrigerator was recently relocated.	If the refrigerator was stored for a long period of time or moved on its side, it is necessary for the refrigerator to stand upright for 24 hours before connecting it to power.
Cooling System runs too much.	Refrigerator is replacing an older model.	Modern refrigerators require more operating time but use less energy due to more efficient technology.
	Refrigerator was recently plugged in or power restored.	The refrigerator will take up to 24 hours to cool completely.
	Door opened often or a large amount of food / hot food was added.	Adding food and opening the door warms the refrigerator, requiring the compressor to run longer in order to cool the refrigerator back down. In order to conserve energy, try to get everything you need out of the refrigerator at once, keep food organized so it is easy to find, and close the door as soon as the food is removed. (Refer to the Food Storage Guide.)
	Doors are not closed completely.	Firmly push the doors shut. If they will not shut all the way, see the Doors will not close completely or pop open section in Parts & Features Troubleshooting.
	Refrigerator is installed in a hot location.	The compressor will run longer under warm conditions. At normal room temperatures 21°C expect your compressor to run about 40% to 80% of the time. Under warmer conditions, expect it to run even more often. The refrigerator should not be operated above 43°C .
	Condenser / back cover is clogged.	Use a vacuum cleaner with an attachment to clean the condenser cover and vents. Do not remove the panel covering the condenser coil area. Disconnect the mains before cleaning.

Problem	Possible Causes	Solutions
Refrigerator or Freezer section is too warm.	Refrigerator was recently installed.	It may take up to 24 hours for each compartment to reach the desired temperature.
	Air vents are blocked.	Rearrange items to allow air to flow throughout the compartment. Refer to the Airflow diagram in the Using Your Refrigerator section.
	Doors are opened often or for long periods of time.	When the doors are opened often or for long periods of time, warm, humid air enters the compartment. This raises the temperature and moisture level within the compartment. To lessen the effect, reduce the frequency and duration of door openings.
	Unit is installed in a hot location.	The refrigerator should not be operated in temperatures above 43°C .
	A large amount of food or hot food was added to either compartment.	Adding food warms the compartment requiring the cooling system to run. Allowing hot food to cool to room temperature before putting it in the refrigerator will reduce this effect.
	Doors not closed correctly.	See the Doors will not close correctly or pop open section in Parts & Features Troubleshooting.
	Temperature control is not set correctly.	If the temperature is too warm, adjust the control one increment at a time and wait for the temperature to stabilize. Refer to the Setting the Controls section for more information.
	Defrost cycle has recently completed.	During the defrost cycle, the temperature of each compartment may raise slightly and condensation may form on the back wall. Wait 40 minutes and confirm the proper temperature has been restored once the defrost cycle has completed.



Disposal of your old appliance

1. All electrical and electronic products should be disposed of separately from the municipal waste stream via designated collection facilities appointed by the government or the local authorities.
2. The correct disposal of your old appliance will help prevent potential negative consequences for the environment and human health.
3. For more detailed information about disposal of your old appliance, please contact your city office, waste disposal service or the shop where you purchased the product.

Problem	Possible Causes	Solutions
Interior moisture buildup.	Doors are opened often or for long periods of time.	When the doors are opened often or for long periods of time, warm, humid air enters the compartment. This raises the temperature and moisture level within the compartment. To lessen the effect, reduce the frequency and duration of door openings.
	Doors not closed correctly.	See the Doors will not close correctly section in the Troubleshooting section.
	Weather is humid.	Humid weather allows additional moisture to enter the compartments when the doors are opened leading to condensation or frost. Maintaining a reasonable level of humidity in the home will help to control the amount of moisture that can enter the compartments.
	Defrost cycle recently completed.	During the defrost cycle, the temperature of each compartment may be raised slightly and condensation may form on the back wall. Wait 40 minutes and confirm that the proper temperature has been restored once the defrost cycle has completed.
	Food is not packaged correctly.	Food stored uncovered or unwrapped, and damp containers can lead to moisture accumulation within each compartment. Wipe all containers dry and store food in sealed packaging to prevent condensation and frost.
Food is freezing in the refrigerator compartment.	Food with high water content was placed near an air vent.	Rearrange items with high water content away from air vents.
	Refrigerator temperature control is set incorrectly.	If the temperature is too cold, adjust the control one increment at a time and wait for the temperature to stabilize. Refer to the Setting the Controls section for more information.
	Refrigerator is installed in a cold location.	When the refrigerator is operated in temperatures below 5°C , food can freeze in the refrigerator compartment. The refrigerator should not be operated in temperature below 13°C .
Frost or ice crystals form on frozen food (outside of package).	Door is opened frequently or for long periods of time.	When the doors are opened often or for long periods of time, warm, humid air enters the compartment. This raises the temperature and moisture level within the compartment. Increased moisture will lead to frost and condensation. To lessen the effect, reduce the frequency and duration of door openings.
	Door is not closing properly.	Refer to the Doors will not close correctly or pop open section in the Troubleshooting section.
Refrigerator or Freezer section is too cold.	Incorrect temperature control settings.	If the temperature is too cold, adjust the control one increment at a time and wait for the temperature to stabilize. Refer to the Setting the Controls section for more information.

Problem	Possible Causes	Solutions
Frost or ice crystals on frozen food (inside of sealed package).	Condensation from food with a high water content has frozen inside of the food package.	This is normal for food items with a high water content.
	Food has been left in the freezer for a long period of time.	Do not store food items with high water content in the freezer for a long period of time.
Clicking	The defrost control will click when the automatic defrost cycle begins and ends. The thermostat control (or refrigerator control on some models) will also click when cycling on and off.	Normal Operation
Rattling	Rattling noises may come from the flow of refrigerant, the water line on the back of the unit, or items stored on top of or around the refrigerator.	Normal Operation
	Refrigerator is not resting solidly on the floor.	Floor is weak or uneven or leveling legs need to be adjusted. See the Door Alignment section.
	Refrigerator with linear compressor was jarred while running.	Normal Operation
Whooshing	Evaporator fan motor is circulating air through the refrigerator and freezer compartments.	Normal Operation
	Air is being forced over the condenser by the condenser fan.	Normal Operation
Gurgling	Refrigerant flowing through the cooling system.	Normal Operation
Popping	Contraction and expansion of the inside walls due to changes in temperature.	Normal Operation
Sizzling	Water dripping on the defrost heater during a defrost cycle.	Normal Operation
Vibrating	If the side or back of the refrigerator is touching a cabinet or wall, some of the normal vibrations may make an audible sound.	To eliminate the noise, make sure that the sides and back cannot vibrate against any wall or cabinet.
Dripping	Water running into the drain pan during the defrost cycle.	Normal Operation

Problem	Possible Causes	Solutions
Pulsating or High-Pitched Sound	Your refrigerator is designed to run more efficiently to keep your food items at the desired temperature. The high efficiency compressor may cause your new refrigerator to run longer than your old one, but it is still more energy efficient than previous models. While the refrigerator is running, it is normal to hear a pulsating or high-pitched sound.	Normal Operation
Doors will not close correctly or pop open.	Food packages are blocking the door open.	Rearrange food containers to clear the door and door shelves.
	Ice bin, crisper cover, pans, shelves, door bins, or baskets are out of position.	Push bins all the way in and put crisper cover, pans, shelves and baskets into their correct positions. See the Using Your Refrigerator section for more information.
	The doors were removed during product installation and not properly replaced.	Remove and replace the doors according to the Removing and Replacing Refrigerator Handles and Doors section.
	Refrigerator is not leveled properly.	See Door Alignment in the Height adjustment section to level refrigerator.
Doors are difficult to open.	The gaskets are dirty or sticky.	Clean the gaskets and the surfaces that they touch. Rub a thin coat of appliance polish or kitchen wax on the gaskets after cleaning.
	Door was recently closed.	When you open the door, warmer air enters the refrigerator. As the warm air cools, it can create a vacuum. If the door is hard to open, wait one minute to allow the air pressure to equalize, then see if it opens more easily.
Refrigerator wobbles or seems unstable.	Leveling legs are not adjusted properly.	Refer to the Leveling and Door Alignment section.
	Floor is not level.	It may be necessary to add shims under the leveling legs or rollers to complete installation.
Lights do not work.	LED interior lighting failure.	The refrigerator compartment lamp is LED interior lighting, and service should be performed by a qualified technician.
Refrigerator has an unusual odor.	The Pure N Fresh filter may need to be set to the POWER setting or replaced.	Set the Pure N Fresh filter to the POWER setting. If the odor does not go away within 24 hours, the filter may need to be replaced. See the Replacing the Pure N Fresh filter section for replacement instructions.
The interior of the refrigerator is covered with dust or soot.	The refrigerator is located near a fire source, such as a fireplace, chimney or candle.	Make sure that the refrigerator is not located near a fire source, such as a fireplace, chimney, heater or candle.