APPENDIX H

: USER'S MANUAL

LG SIGNATURE

OWNER'S MANUAL
REFRIGERATOR

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

LUPXS3186N
LUPXC2386N

MFL68302707

www.lg.com

ENGLISH

TABLE OF CONTENTS

3 PRODUCT FEATURES

4 IMPORTANT SAFETY INSTRUCTIONS

7 COMPONENTS

7 Refrigerator Exterior
8 Refrigerator Interior

9 INSTALLATION

9 Installation Overview
10 Specifications
11 Unpacking the Refrigerator
11 Choosing the Proper Location
11 - Flooring
12 - Ambient Temperature
12 - Measuring the Clearances
12 Removing/Assembling the Doors
17 Connecting the Water Line
17 - Before You Begin
18 - Water Pressure
18 - What You Will Need
19 - Water Line Installation Instructions
20 Turning On the Power
21 Leveling
21 Door Alignment
21 - Adjusting Door Height

22 HOW TO USE

22 Before Use
23 Eclipse Display
23 - Eclipse Display Features
25 -Using the Interior Display
26 Smart Features
31 In-Door Ice Bin
31 - Detaching the In-Door Ice Bin
31 - Assembling the In-Door Ice Bin
32 Automatic Icemaker
34 Ice and Water Dispenser
35 Storing Food
35 - Food Preservation Location
36 - Food Storage Tips
36 - Storing Frozen Food
37 Adjusting the Refrigerator Shelves
37 - Detaching the Shelf
37 - Assembling the Shelf
38 - When Closing the Door
38 CustomChill™ Pantry
38 - Setting the CustomChill™ Pantry
39 Crisper Drawers
39 - Removing the Crisper Drawers
39 - Assembling the Crisper Drawers
40 - Removing the Crisper Support Box
40 - Assembling the Crisper Support Box
41 Removing the CustomChill™ Pantry Insert
41 FRESHSteel Container
41 InstaView™Door-in-Door®
42 EasyLift Bin
42 Freezer Drawer
42 - Removing the Freezer Drawer
43 - Assembling the Freezer Drawer
43 - Removing the Drawer Support
44 - Assembling the Drawer Support
44 Refrigerator/Freezer Door Bins

46 MAINTENANCE

46 Cleaning
47 Replacing the Fresh Air Filter
48 Replacing the Water Filter

52 SMART DIAGNOSIS

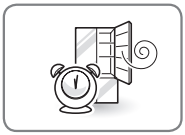
52 Using Smart Diagnosis™

53 TROUBLESHOOTING

64 WARRANTY

PRODUCT FEATURES

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

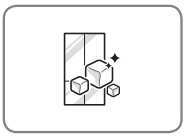


DOOR ALARM

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 at 30 second intervals until it is closed.

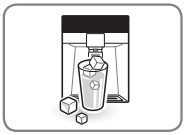
AUTO CLOSING HINGE

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



ICE PLUS

Ice production can be increased by approximately 20 percent when the freezer section is maintained at the coldest temperature for a 24-hour period.

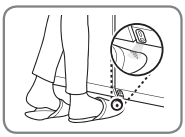


MEASURED FILL DISPENSER

Select from the Measured Fill menu on the dispenser to quickly dispense pre-measured amounts automatically.

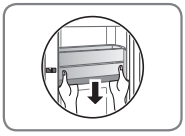
InstaView™Door-in-Door®

See at a glance if you have enough mustard or cold soft drinks without opening the door and allowing the cold air to escape.



AUTO OPEN DOOR

When your hands are full of groceries, open the refrigerator door automatically by placing your foot near the Auto Door sensor.



FOLD-DOWN BIN RAILS

Use the metal bars on the DID bins as either bin dividers or as rails to keep tall items secure.

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 or its service agent or a similarly qualified person 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 before 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.
- Prior to use, ensure that you are connecting this product to a dedicated, grounded electrical outlet rated for use with this product (115V, 60Hz, AC only). 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 the unit falling.

Use

- DO NOT allow children to climb, stand, or hang on the refrigerator doors or on the shelves in the refrigerator. They could damage the refrigerator and seriously injure themselves.
- Do not hang on to or place heavy objects on the refrigerator's dispenser.
- Do not place heavy or dangerous objects (bottles with liquid) on the refrigerator.
- Do not put live animals inside the refrigerator.
- Do not allow children to climb into the product when it is in use.
- In the event of a gas leak (propane/LPG), ensure adequate ventilation and contact an authorized service center before resuming 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. Ensure adequate ventilation 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.
- Do not overfill or pack items too tightly into door bins. Doing so may cause damage to the bin or personal injury if items are removed with excessive force.

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 hit the glass door panel with excessive force. Do not allow hard objects like cookware or glass bottles to hit the glass door panel. The glass could break, resulting in a risk of personal injury or product damage.
- This product is not to be used for special purposes such as the storage of medicine or test materials or for use on ships, etc.
- Unplug the power plug before cleaning or repairing the refrigerator.
- When you replace the light bulb in the refrigerator, unplug the refrigerator or turn off the power.
- Do not modify or extend the power cord.
- Do not use a dryer to dry the interior. Do not light a candle to remove interior odors.
- 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 with a 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 coming from the appliance.
- Turn the power off if water or dust penetrates into the refrigerator. Call a service agent.
- 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 soda in the freezer.
- 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 the use of the appliance by a person responsible for their safety.
- Do not refreeze frozen food that has thawed completely. Doing so may result in a serious health issue.
- 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.
- Junked or abandoned refrigerators are dangerous, even if they are sitting for only a few days. When disposing of 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 connected to a circuit protected by fuses, use time delay fuse.

⚠ WARNING

This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. ***Wash hands after handling.***

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:

⚠ CAUTION

Installation

- 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 plastic and other packing materials out of reach of children.
- The appliance must be positioned for easy access to a power source.

Use

- Close the door 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 nearby.
- If you store food improperly, be aware that it may fall and cause injury.
- Do not use aerosols near the refrigerator.
- Do not store articles on the top of the appliance.

Maintenance

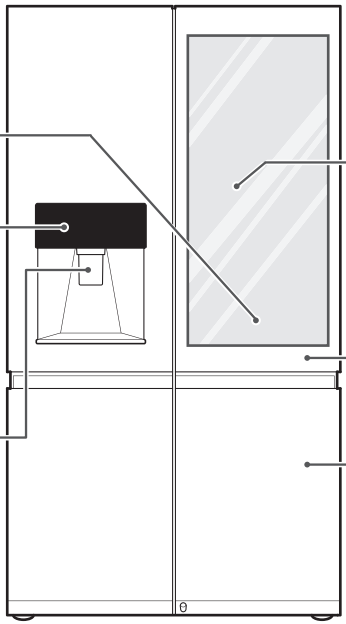
- Do not use strong detergents like wax or thinners for cleaning. Clean with a soft cloth.
- Wipe foreign objects (such as dust and water) off the prongs of the power plug and contact areas regularly.
- Do not store, disassemble or repair the refrigerator by yourself.
- Remove any dust or foreign matter from the power plug pins.
- Do not use a wet or damp cloth when cleaning the plug.
- If the refrigerator is disconnected from the power supply, you should wait for at least five minutes before plugging it back in.
- If you notice a chemical or burning plastic smell or see smoke, unplug the refrigerator immediately and contact your LG Electronics Service Center.

SAVE THESE INSTRUCTIONS

COMPONENTS

Use this page to become more familiar with the parts and features of your refrigerator.
*The appearance and specifications of the actual product may differ depending on the model.

Refrigerator Exterior



Eclipse Display
Displays the refrigerator and freezer target temperatures, the air filter condition and the network connection status.

Dispenser Control Panel
Displays the icemaker and dispenser modes and the water filter status.

Filtered Water and Ice Dispenser
Dispenses purified water and ice.

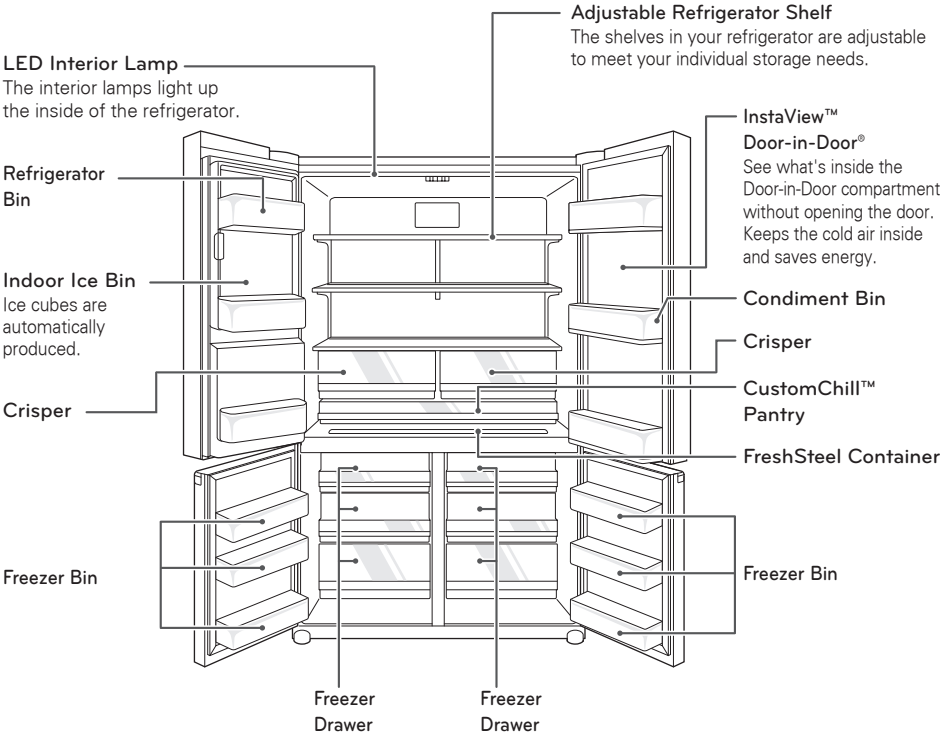
InstaView™ Door-in-Door®

Refrigerator
Preserves food.

Freezer
Preserves frozen food.

ENGLISH

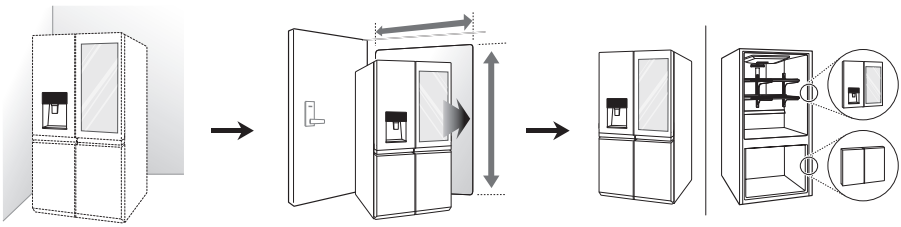
Refrigerator Interior



INSTALLATION

Installation Overview

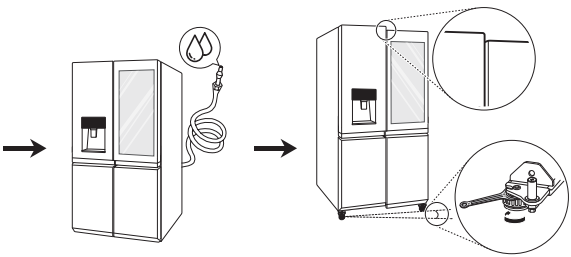
Please read the following installation instructions first after purchasing this product or transporting it to another location.



1 Unpacking your refrigerator

2 Choosing the proper location

3 Disassembling/Assembling



4 Connecting the water supply and water line

5 Leveling and Door Alignment

NOTE

Connect to potable water supply only.

Specifications

The appearance and specifications listed in this manual may vary due to constant product improvements.

Bottom-freezer refrigerator model LUPXS3186N	
Description	French door refrigerator
Electrical requirements	115 VAC @ 60 Hz
Min./Max. Water pressure	20 - 120psi (138 - 827kPa)
Dimensions	35 7/8"(W) x 36 1/2"(D) x 70 1/4"(H) x 51 1/8"(D w/ door open) 912(W) X 929(D) X 1784(H) X 1298 mm (D w/ door open)
Net weight	483 lb. (219 kg)

Bottom-freezer refrigerator model LUPXC2386N	
Description	French door refrigerator
Electrical requirements	115 VAC @ 60 Hz
Min./Max. Water pressure	20 - 120psi (138 - 827kPa)
Dimensions	35 7/8"(W) x 29 5/8"(D) x 70 1/4"(H) x 44 3/16"(D w/ door open) 912(W) X 754(D) X 1784(H) X 1123 mm (D w/ door open)
Net weight	430 lb. (195 kg)

Unpacking the 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.
- 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

- Select a place where a water supply can be easily connected for the automatic icemaker.

NOTE

The water pressure must be 20~120 psi or 138~827 kPa or 1.4~8.4 kgf/cm² on models without a water filter and 40~120 psi or 276~827 kPa or 2.8~8.4 kgf/cm² on models with a water filter.

- The refrigerator should always be plugged into its own individual properly grounded electrical outlet rated for 115 Volts, 60 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.

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. (See Leveling and Door Allgnment.)

NOTE

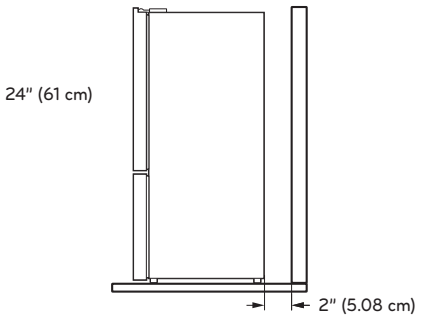
Installing on carpeting, soft tile surfaces, a platform or weakly supported structure is not recommended.

Ambient Temperature

Install this appliance in an area where the temperature is between 55°F (13°C) and 110°F (43°C). If the temperature around the appliance is too low or high, cooling ability may be adversely affected.

Measuring the Clearances

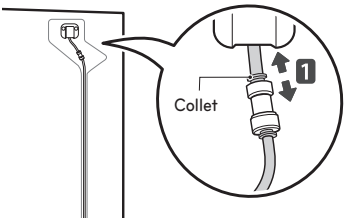
Too small of a distance from adjacent items may result in lowered freezing capability and increased electricity consumption charges. Allow at least 24 inches (61 cm) in front of the refrigerator to open the doors, and at least 2 inches (5.08 cm) between the back of the refrigerator and the wall.



Removing/Assembling the Doors

Removing the Left Refrigerator Door

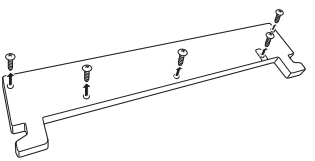
1 The water supply is connected to the upper right part of the rear surface of the refrigerator. Remove the ring in the joint area. Hold the water supply connection and gently push the collet to detach the water supply line as shown in 1.



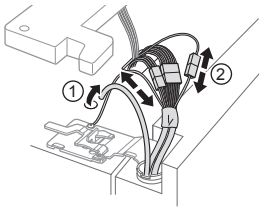
NOTE

Detachment of the water supply line is applicable only when detaching the left refrigerator door.

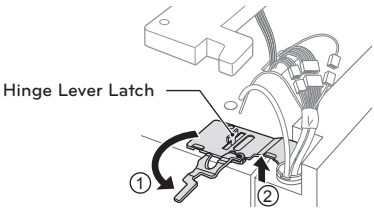
2 Remove the screws from the hinge cover at the top of the refrigerator. Lift the hook(not visible), located on the side of the cover at the bottom edge, with a flat-head screwdriver.



3 Remove the cover and pull out the tube 1. Disconnect all wire harnesses 2.



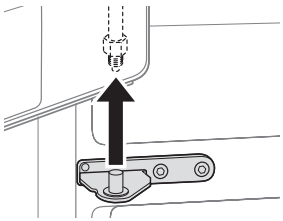
4 Rotate the hinge lever counterclockwise 1. Lift the top hinge 2 free of the hinge lever latch.



CAUTION

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

5 Lift the door from the middle hinge pin and remove the door.

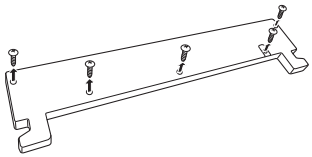


CAUTION

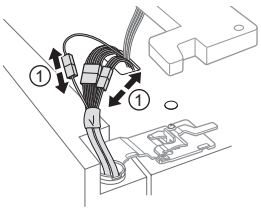
Place the door, inside facing up, on a non-scratching surface.

Removing the Right Refrigerator Door

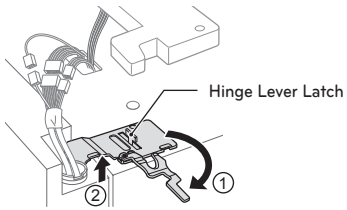
1 Remove the screws from the hinge cover at the top of the refrigerator. Lift the hook(not visible), located on the side of the cover at the bottom edge, with a flat-head screwdriver.



2 Detach the wire harness 1.



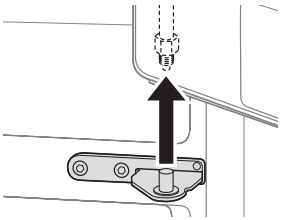
3 Rotate the hinge lever 1 clockwise. Lift the top hinge 2 free of the hinge lever latch.



CAUTION

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

4 Lift the door from the middle hinge pin and remove the door.

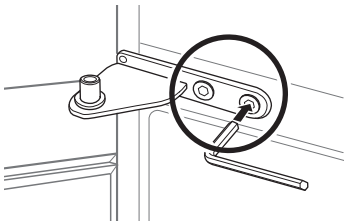


CAUTION

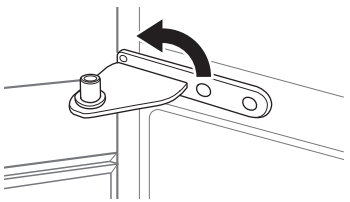
Place the door, inside facing up, on a non-scratching surface.

Removing the Freezer Doors

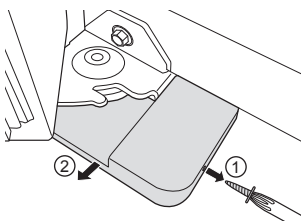
1 Remove the two hinge bolts.



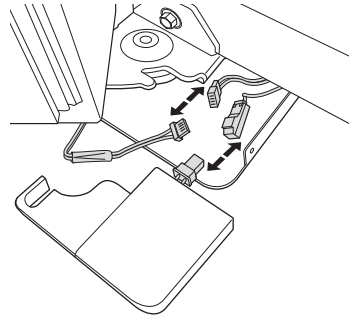
2 Twist the hinge to raise the pivoting end so that the door can be lifted off. Lift the door off the lower hinge pin and remove it.



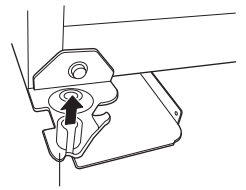
3 Unscrew the screw that attaches the lower hinge cover and remove the cover.



4 Disconnect all wire harnesses.

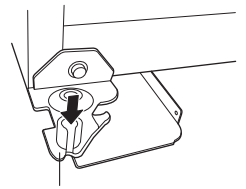


5 Remove the door by lifting it off the lower hinge pin.

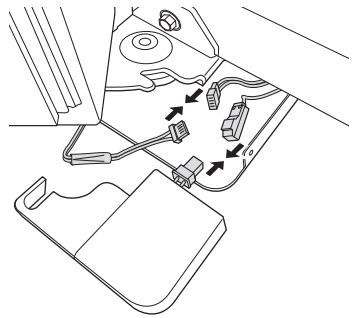


Assembling the Freezer Doors

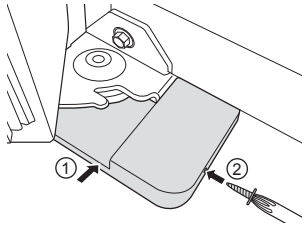
1 Lower the door onto the lower hinge pin.



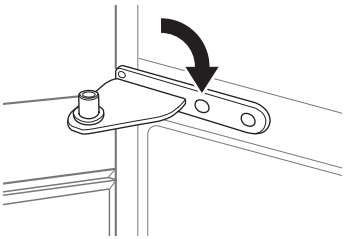
2 Connect the wire harnesses.



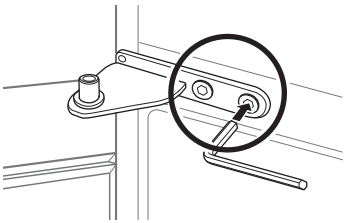
3 Position the bottom hinge cover in its place 1 and tighten the cover screw 2.



4 Position the middle hinge pin in place to hold the door and insert the two hinge bolts.



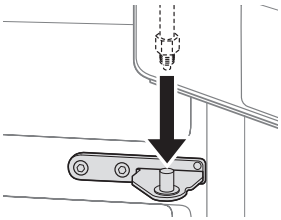
5 Tighten the two hinge bolts.



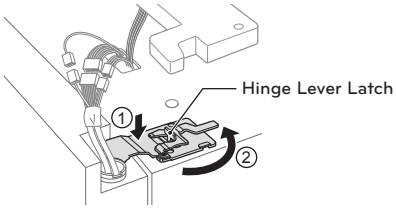
Assembling the Right Refrigerator Door

Install the right refrigerator door first.

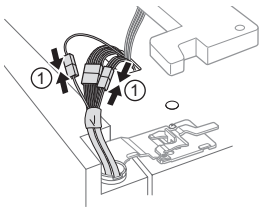
1 Make sure that the plastic sleeve is inserted in the bottom of the door. Lower the door onto the middle hinge pin as shown in the figure.



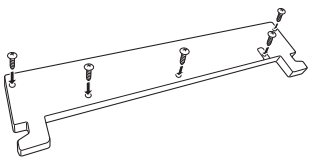
2 Fit the hinge 1 over the hinge lever latch and slot it into place. Rotate the lever 2 counterclockwise to secure the hinge.



3 Connect the wire harness 1.



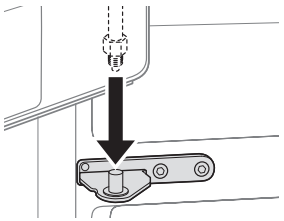
4 Position the cover in its place. Insert and tighten the cover screws.



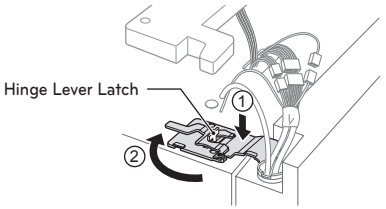
Assembling the Left Refrigerator Door

Install the left refrigerator door after the right door is installed.

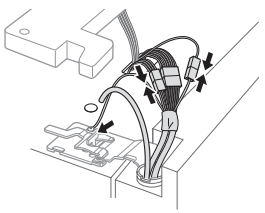
1 Make sure that the plastic sleeve is inserted in the bottom of the door. Install the refrigerator door onto the middle hinge pin.



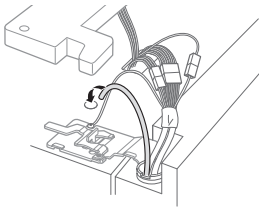
2 Fit the hinge 1 over the hinge lever latch and slot it into place. Rotate the lever clockwise 2 and fasten the hinge.



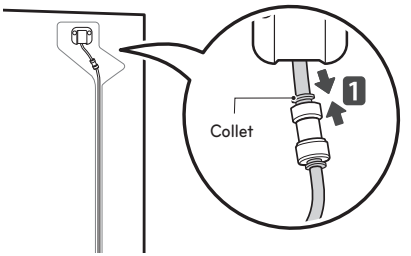
3 Connect all the wire harnesses.



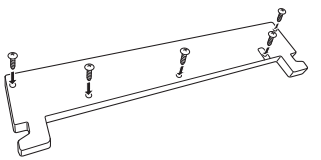
4 Push the water supply tube into the hole on the top case and pull it through the backplate.



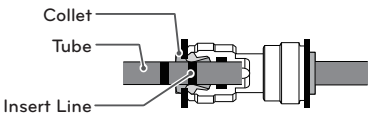
5 Hold the water supply connection and gently push in the collet to connect the water supply line as shown in 1. Insert the tube at least $^{5}/_{8}$ inch (15 mm) into the connector.



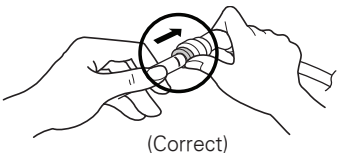
6 Position the cover in its place. Insert and tighten the cover screws.



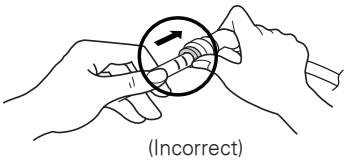
NOTE



1) Gently insert the tube until only one line shows on the tube.



(Correct)



(Incorrect)

2) Pull the tube to make sure that the tube is tightly fastened.

Connecting the Water Line

Before You Begin

This water line installation is not covered by the refrigerator warranty. Follow these instructions carefully to minimize the risk of expensive water damage.

Water hammer (water banging in the pipes) in house plumbing can cause damage to refrigerator parts and can lead to water leakage or flooding. Call a qualified plumber to correct water hammer before installing the water supply line to the refrigerator.

CAUTION

To prevent burns and product damage, only connect the refrigerator water line to a cold water supply.

If you use your refrigerator before connecting the water line, make sure the icemaker power switch on the control panel is in the OFF position.

CAUTION

Do not install the icemaker tubing in areas where temperatures fall below freezing.

Water Pressure

The water pressure must be 20~120 psi or 138~827 kPa or 1.4~8.4 kgf/cm² on models without a water filter and 40~120 psi or 276~827 kPa or 2.8~8.4 kgf/cm² on models with a water filter.

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

If a reverse osmosis water filtration system is connected to the cold water supply, the water pressure to the reverse osmosis system needs to be a minimum of 40 to 60 psi (276~414 kPa or 2.8~4.2 kgf/cm², less than 2.0~3.0 sec. to fill a cup of 7 oz or 198 cc capacity).

CAUTION

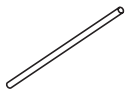
Wear eye protection during installation to prevent injury.

If the water pressure from the reverse osmosis system is less than 20 psi or 138 kPa or 1.4 kgf/cm² (takes more than 4.0 sec to fill a cup of 7 oz or 198 cc capacity):

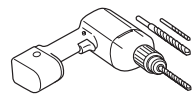
- Check to see if the sediment filter in the reverse osmosis system is blocked. Replace the filter if necessary.
- Allow the storage tank on the reverse osmosis system to refill after heavy usage.
- If the issue concerning water pressure from reverse osmosis remains, call a licensed, qualified plumber.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

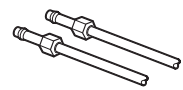
What You Will Need

- **Copper Tubing,** ¼ in. outer diameter, to connect the refrigerator to the water supply. Be sure both ends of the tubing are cut square.
- To determine how much tubing you need: measure the distance from the water valve on the back of the refrigerator to the water supply pipe. Then, add 8 feet (2.4 m). Be sure there is sufficient extra tubing (about 8 feet [2.4 m] coiled into 3 turns of about 10 in. [25 cm] diameter) to allow the refrigerator to move out from the wall after installation.



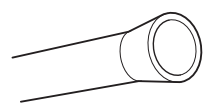
- **Power drill.**
- **½ in. or adjustable wrench.**
- **Flat blade and Phillips head screwdrivers.**



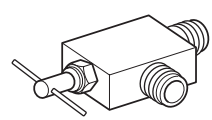


- **Two ¼ in. outer diameter compression nuts and 2 ferrules (sleeves)** to connect the copper tubing to the shutoff valve and the refrigerator water valve.

- If your existing copper water line has a flared fitting at the end, you will need an adapter (available at plumbing supply stores) to connect the water line to the refrigerator OR you can cut off the flared fitting with a tube cutter and then use a compression fitting.



- Shutoff valve to connect to the cold water line. The shutoff valve should have a water inlet with a minimum inside diameter of 5/32 in. at the point of connection to the COLD WATER LINE. Saddle-type shutoff valves are included in many water supply kits. Before purchasing, make sure a saddle-type valve complies with your local plumbing codes.



NOTE

A self piercing saddle type water valve should not be used.

Water Line Installation Instructions

WARNING

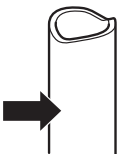
When using any electrical device (such as a power drill) during installation, be sure the device is battery powered, double insulated or grounded in a manner that will prevent the hazard of electric shock.

Install the shutoff valve on the nearest frequently used drinking water line.

1 SHUT OFF THE MAIN WATER SUPPLY

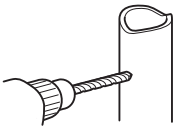
Turn on the nearest faucet to relieve the pressure on the line.

2 CHOOSE THE VALVE LOCATION



Choose a location for the valve that is easily accessible. It is best to connect into the side of a vertical water pipe. When it is necessary to connect into a horizontal water pipe, make the connection to the top or side, rather than at the bottom, to avoid drawing off any sediment from the water pipe.

3 DRILL THE HOLE FOR THE VALVE



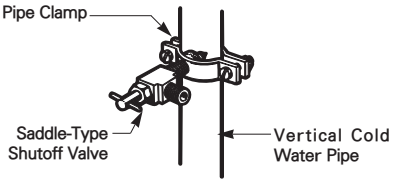
Drill a ¼ in. hole in the water pipe using a sharp bit. Remove any burrs resulting from drilling the hole in the pipe. Be careful not to allow water to drain into the drill. Failure to drill a ¼ in. hole may result in reduced ice production or smaller cubes.

NOTE

The hookup line cannot be white, plastic tubing. Licensed plumbers must use only copper tubing (NDA tubing #49595 or #49599) or Cross Link Polyethylene (PEX) tubing.

4 FASTEN THE SHUTOFF VALVE

Fasten the shutoff valve to the cold water pipe with the pipe clamp.



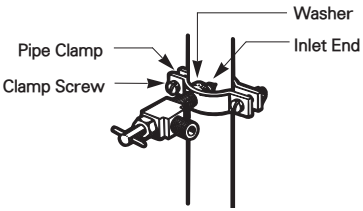
NOTE

Commonwealth of Massachusetts Plumbing Codes 248CMR shall be adhered to. Saddle valves are illegal and their use is not permitted in Massachusetts. Consult with your licensed plumber.

5 TIGHTEN THE PIPE CLAMP

Tighten the clamp screws until the sealing washer begins to swell.

NOTE: Do not overtighten the clamp or you may crush the tubing.



6 ROUTE THE TUBING

Route the tubing between the cold water line and the refrigerator.

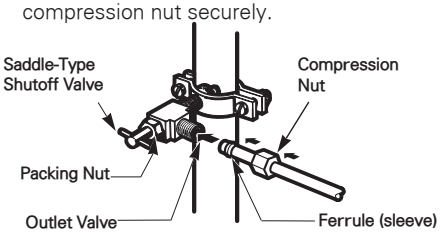
Route the tubing through a hole drilled in the wall or floor (behind the refrigerator or adjacent base cabinet) as close to the wall as possible.

NOTE

Be sure there is sufficient extra tubing (about 8 feet coiled into 3 turns of about 10 in. diameter) to allow the refrigerator to move out from the wall after installation.

7 CONNECT THE TUBING TO THE VALVE

Place the compression nut and ferrule (sleeve) for the copper tubing onto the end of the tubing and connect it to the shutoff valve. Make sure the tubing is fully inserted into the valve. Tighten the compression nut securely.



8 FLUSH OUT THE TUBING

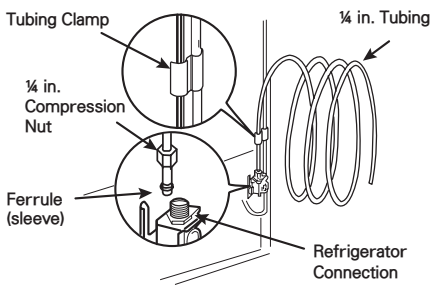
Turn the main water supply on and flush out the tubing until the water is clear.

Shut the water off at the water valve after about one quart of water has been flushed through the tubing.

9 CONNECT THE TUBING TO THE REFRIGERATOR

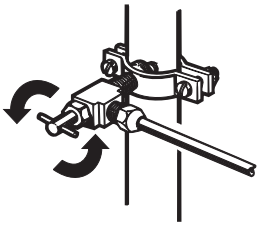
NOTE: Before making the connection to the refrigerator, be sure that the refrigerator power cord is not plugged into the wall outlet.

a. Remove the plastic flexible cap from the water valve.
b. Place the compression nut and ferrule (sleeve) onto the end of the tubing as shown.
c. Insert the end of the copper tubing into the connection as far as possible. While holding the tubing, tighten the fitting.



10 TURN THE WATER ON AT THE SHUTOFF VALVE

Tighten any connections that leak.



CAUTION

Check to see if leaks occur at the water line connections.

11 PLUG IN THE REFRIGERATOR

Arrange the coil of tubing so that it does not vibrate against the back of the refrigerator or against the wall. Push the refrigerator back to the wall.

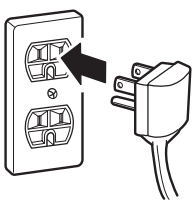
12 START THE ICEMAKER

Turn the icemaker ON at the control panel.

The icemaker will not begin to operate until it reaches its operating temperature of 15°F (–9°C) or below. It will then begin operation automatically if the icemaker has been turned ON.

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.

Leveling

After installing, plug the refrigerator's power cord into a 3-prong grounded outlet and push the refrigerator into the final position.

The refrigerator has two front leveling legs—one on the right and one on the left. Adjust the legs to alter the tilt from front-to-back or side-to-side. If the refrigerator seems unsteady, or you want the doors to close more easily, adjust the refrigerator's tilt using the instructions below:

1 Turn the leveling leg to the left to raise that side of the refrigerator or to the right to lower it. It may take several turns of the leveling leg to adjust the tilt of the refrigerator.

> **NOTE**
>
> A flare nut wrench works best, but an open-end wrench will suffice.
> Do not over-tighten.

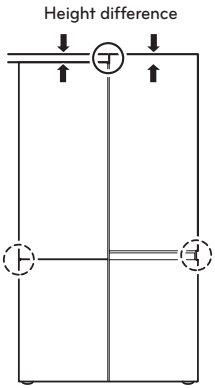
2 Open both doors again and check to make sure that they close easily. If the doors do not close easily, tilt the refrigerator slightly more to the rear by turning both leveling legs to the left. It may take several more turns, and you should turn both leveling legs the same amount.

Door Alignment

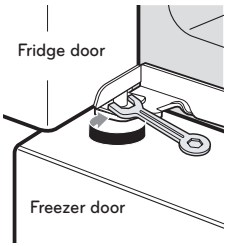
If the floor is not flat, the door heights may differ. In this case, use the following method to adjust the difference.

Adjusting Door Height

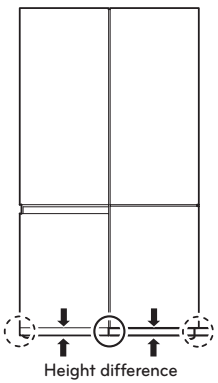
Adjusting Fridge Door Height



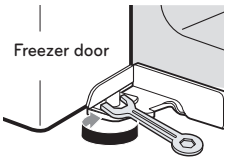
Open the fridge door and use a wrench to rotate the door hinge bolt as shown.



Adjusting Freezer Door Height



Open the freezer door and use a wrench to rotate the door hinge bolt as shown.



HOW TO USE

Before use

Clean the refrigerator.

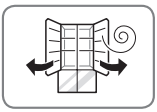
Clean the refrigerator thoroughly and wipe off all dust that accumulated during shipping.

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.

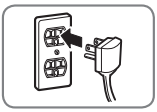
NOTE

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



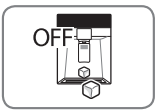
Open refrigerator and freezer doors to ventilate the interior.

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



Connect the power supply.

Check if the power supply is connected before use.
Read the “Turning On The Power” section.



Turn off the icemaker if the refrigerator is not yet connected to the water supply.

Turn off the automatic icemaker and then plug the power plug of the refrigerator into the grounded electrical outlet.

* This is applicable only to certain models.

CAUTION

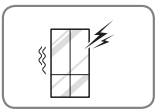
Running the automatic icemaker before connecting it to the water supply may cause the refrigerator to malfunction.

Wait for the refrigerator to cool.

Allow your refrigerator to run for at least two to three 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 linger inside the refrigerator.



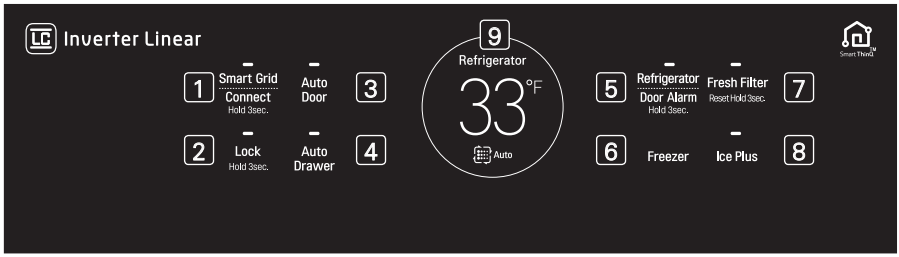
The refrigerator makes a loud noise after initial operation.

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

Eclipse Display

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

Eclipse Display Features



1 Smart Grid / Connect

Smart Grid

Press the Smart Grid button to turn the Smart Grid function On/Off. When the function is on, the icon illuminates. The Smart Grid function automatically turns on when the refrigerator is connected to the Wi-Fi network. When the refrigerator is responding to a Demand Response (DR) message from the electric company, the Grid text illuminates.

Connect

The Connect button, when used with the LG Electronics Smart Refrigerator smart phone app, allows the refrigerator to connect to your home's Wi-Fi network. Refer to the *Smart Features* section for information on the initial setup of the application. The Connect icon indicates the status of the refrigerator's network connection. When the refrigerator is connected to the network, the Connect icon is illuminated. Press and hold the Connect button for 3 seconds to connect to the network. The icon will blink while the connection is being made, then turn on once the connection is successfully made. To disconnect, press and hold the button again.

2 Lock

The Lock function disables every other button on the display.

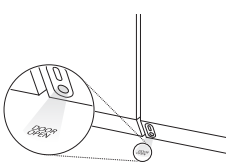
- When power is initially connected to the refrigerator, the Lock function is off.
- To activate the Lock function, press and hold the Lock button until the lock indicator appears in the display. The other buttons are now disabled.
- To disable the Lock function, press and hold the Lock button for approximately three seconds.

3 Auto Open Door

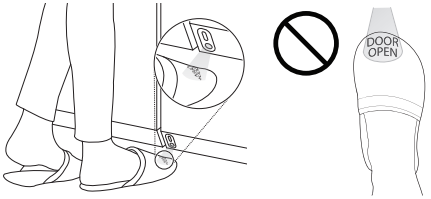
The right refrigerator door opens automatically if you place a foot near the motion sensor at the bottom of the door. This is convenient when you have both hands full of groceries and need to open the refrigerator door. To set the Auto Open Door function, press the button repeatedly to toggle between the ON, Sound Off, and OFF settings.

Using the Auto Open Door Function

1. When the Auto Open Door Function is enabled, text is displayed on the floor near the motion sensor.



2. Pass one foot in front of the motion sensor and step on the displayed text. The right door opens. If the door opens less than 20 degrees and is not opened further, it will close automatically after 3 seconds.



NOTE

Place your foot close enough to the sensor that the text appears on top of the foot, not just on the toes.

CAUTION

Disable the Auto Open Door function if you have young children or people lacking in cognitive ability in the home. They could be injured if the door opens unexpectedly while they are nearby.

NOTE

- The displayed text may not be readable on some flooring materials, but this will not affect the performance of the Auto Open Door function.
- If flooring material is highly reflective (metal, glass tile), the motion sensor may malfunction and the Auto Open Door function may not work properly.
- Reflective objects placed in front of the motion sensor may cause the text to display, but the text disappears if no movement is detected.

4 Auto Open Drawer

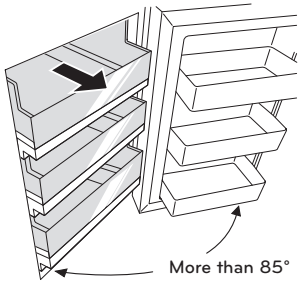
When Auto Open Drawer is enabled, the freezer drawers automatically open when the freezer door is opened. The drawers automatically close when the freezer door is closed.

Setting Auto Open Drawer

Press Auto Drawer to activate or deactivate the function. When the function is activated, an icon appears on the display.

Using Auto Open Drawer

Open the freezer door at least 85 degrees to automatically open the drawers. Slowly close the door to automatically close the drawers.



CAUTION

- Do not use excessive force to push or pull the freezer drawers.
- Do not slam the freezer door shut while the drawers are open.

Failure to follow these warnings may result in personal injury or damage to the product.

5 Refrigerator/Door Alarm

Refrigerator

- Indicates the set temperature of the refrigerator compartment in Celsius (°C) or Fahrenheit (°F). The refrigerator temperature control ranges from 33°F to 46°F (1°C to 8°C). The recommended temperature setting for the refrigerator compartment is 37°F (3°C).

Door Alarm

- The door alarm sounds when a refrigerator or freezer door is left open for more than 60 seconds.
- To stop the alarm, close the doors.
- The door alarm is enabled by default. To disable the door alarm, press and hold Door Alarm for three seconds.

6 Freezer

Indicates the set temperature of the freezer compartment in Celsius (°C) or Fahrenheit (°F). The freezer temperature control ranges from -6°F to 8°F (-21°C to -13°C). The recommended temperature setting for the freezer compartment is 0°F (-18°C).

To change the temperature mode from °F to °C (or vice versa) press and hold the Refrigerator and Freezer temperature buttons simultaneously for approximately five seconds. The temperature indication on the display window switches between Celsius and Fahrenheit.

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.

7 Fresh Filter

The Fresh Air Filter helps remove odors from the refrigerator. The Fresh Air Filter has two settings, Auto and Power(PWR). In Auto mode, the Fresh Air Filter will cycle on and off in increments of ten minutes on and 110 minutes off. If set to the Power(PWR) mode, the Fresh Air Filter will stay on continuously for four hours, cycling on and off in increments of ten minutes on and five minutes off. After four hours, the Fresh Air Filter will switch back to Auto mode.

- Press the Fresh Air Filter button once for Power(PWR) mode.
- Press the Fresh Air Filter button again to switch back to Auto mode.

8 Ice Plus

This function increases both ice making and freezing capabilities.

- Press Ice Plus to illuminate the icon in the display and activate the function for 24 hours. After 24 hours, the icon and the function automatically turn off.
- To deactivate the function manually, press Ice Plus again.

9 Display

The display indicates the current status of the refrigerator. Press any button to display the current setting for that function.

Using the Interior Display

- To turn the interior display on, open a refrigerator or freezer door or knock twice on the InstaView™Door-in-Door® to activate the interior LED
- The interior display turns off automatically five seconds after all the doors are closed or five seconds after you have knocked twice on the InstaView™Door-in-Door®.
- The interior display buttons operate using static electricity. Wear gloves while cleaning to avoid activating button functions.
- Keep the display clean and free from foreign substances. Skin must contact the buttons directly for them to properly function.
- Wipe any moisture off the display before using it. Moisture on the display may interfere with the functioning of the buttons.

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 you turn on the interior display, “Demo Mode” appears in the display.

To deactivate / activate:

With InstaView™Door-in-Door® opened, press and hold the Refrigerator and Ice Plus buttons at the same time for five seconds. When demo mode is activated, the control panel will beep and the temperature settings will display as “Demo Mode” for five seconds and then return to normal temperature display. Use the same procedure to deactivate the Display Mode.

Smart Features

To use the Smart Features on your refrigerator, you will need the following devices and apps:
1. a wireless router and home Wi-Fi network
2. the LG Smart Grid refrigerator
3. an Android-based smart phone
4. the LG Smart Refrigerator app from the Google Play Store.

NOTE

To use the Smart Grid feature, you must also register for the Smart Grid (Demand Response) service with your local electric utility company. The company must provide Demand Response service.

Setting Up the Smart App and Connecting the Refrigerator

1 Create an account at Smart ThinQ.
https://us.smartthinq.com/

You will use the ID and password from this account in the smart phone application.

2 Download the smart phone app from the Google Play Store. (LG Smart Refrigerator app)

3 In the app, select the Smart Model.

4 Log in to the app using the Smart ThinQ ID and password created in step 1.

5 When prompted, select the Non Touch Screen Model.

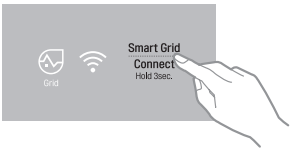
6 Choose your home wireless router from the list of routers in the app. Your refrigerator and smart phone must both be connected to the same Wi-Fi network.

NOTE

You must connect the refrigerator to the internet using a wireless router on your home network. Tethering to a mobile phone, hotspot, or an unsecured network, for example, will cause unstable functionality.

7 If necessary, enter the password for your router and click the connect button in the app.

8 Make sure the refrigerator display is active by pressing any button. Press and hold the Smart Grid button on the refrigerator for three seconds. The Connect LED should blink while the connection is being made.



9 The app will automatically go through the process of registering your product on the network, using the information you've provided. This may take some time, and the Connect LED will continue to blink during this process. After the registration process is completed, a message is displayed and the app will proceed to the Home screen.

10 Check that the Connect LED is illuminated to confirm that the Wi-Fi network is connected. You can now use the app to control the Smart Features on your refrigerator.

LG Smart Refrigerator App - What's Included

Food Manager
Allows you to keep track of items in your refrigerator and freezer, so you can be alerted when they are near their use-by dates, generate grocery lists, and link to related recipes.

Recipes
Features recipes from the Food Channel, searchable by ingredient, course, cuisine, total time required, and the food in your refrigerator (if entered in the Food Manager). Automatically makes grocery lists from chosen recipes.

Grocery
Makes and manages grocery lists from items in your refrigerator or recipes.

Refrigerator Manager
Allows you to control the refrigerator and freezer temperature settings, air filter, water filter, Ice Plus, Smart Saving, and Energy Monitoring from your smart phone.

Smart Diagnosis
Allows you to diagnose and troubleshoot problems with your refrigerator.

Settings
Allows you to set various options on the refrigerator and in the app.

Smart Grid Function

When the refrigerator operates in Smart Grid mode, the Smart Refrigerator function can control energy usage or delay the operation of some functions to save energy during peak usage periods.

- You can override the Smart Grid function at any time (using the Smart Grid button or application).
- To use the Smart Grid function, you need to register your appliance with your electric utility company.

Using the Smart Grid Function

This feature responds to notification events from your utility company to run high energy-consuming tasks during off-peak periods when demand is lower. These notification events are known as Demand Response signals.

If the refrigerator receives a Demand Response signal from the utility company, the refrigerator will turn on the Grid LED on the refrigerator display and control its power consumption according to the signal.

The refrigerator will respond to the signals received from the utility company as long as product performance is maintained.

If the refrigerator receives a Demand Response signal, the refrigerator will operate in Delay Appliance Load (DAL) or Temporary Appliance Load Reduction (TALR) mode.

Delay Appliance Load (DAL): The refrigerator responds to a DAL signal by providing a moderate load reduction for the duration of the delay period. This mode controls functions that consume a lot of energy such as adjusting the cooling system, running the defrost cycle, and making ice.

- When the refrigerator operates in DAL mode, the Grid LED is illuminated on the refrigerator display.
- DAL mode is automatically deactivated after it lasts for the amount of time stipulated by the DAL signal (max. 4 hours) or when you override the Smart Grid function.

Temporary Appliance Load Reduction (TALR) :
The refrigerator responds to a TALR signal by aggressively reducing the load for a short time period, typically 10 minutes. This mode reduces energy consumption by stopping the compressor and controlling the functions that consume a lot of energy such as the defrost cycle and fan.

- When the refrigerator operates in TALR mode, the Grid LED is illuminated on the refrigerator display.
- TALR mode is automatically deactivated after it lasts for the received duration (max. 10 minutes), or when you override the Smart Grid function. The mode is immediately deactivated and the refrigerator returns to its normal state when the door is opened or closed, or the dispenser is used.

Smart Features (continued)

Override Smart Grid Mode

If you want the refrigerator to ignore the Demand Response signal from the utility company, you can override the Smart Grid function by pushing the Smart Grid button while the refrigerator is in Smart Grid mode.

When you override the Smart Grid function, the refrigerator ignores the Demand Response signal and is no longer controlled by the utility company until the next Demand Response signal is sent.

You can also override the Smart Grid function using the smart phone app.

Open API

LG Open API

You can manage Smart Grid features for the LG Smart Refrigerator.

Please check the detailed specifications on the notice page on us.smartthinq.com.

API list :

Demand response
- Send demand response signal

Power saving
- Set saving mode
- Get schedule of DR/Delay Defrost

Energy monitoring
- Get setting temperature
- Get door open event
- Get energy consumption

Delay defrost capability
- Insert a delay defrost schedule event
- Update a delay defrost schedule event
- Delete a delay defrost schedule event
- Get the delay defrost schedule

Smart Grid Application Features

1 Smart Saving_Demand Response

You can lower energy usage based on Demand Response (DR) signals from the utility company.

If the refrigerator is operating in Smart Saving mode according to the DR signal, you can see a pop up.

Smart Saving_Delay Defrost

Lower energy usage based on time period.

2 Energy monitoring

The refrigerator can check number of door openings and power consumption.

3 Remote Control

You can control the Refrigerator Temperature, Fresh Air Filter and Ice Plus from the smart phone app.

4 Push messages.

- When the door is open over ten minutes, you will receive a push message.
- When Ice Plus is finished, you will receive a push message.

Open Source Software Notice Information

To obtain the source code that is contained in this product that was developed under GPL, LGPL, MPL, and other open source licenses, visit http://opensource.lge.com. In addition to the source code, all referred license terms, warranty disclaimers and copyright notices are available for download.

LG Electronics will also provide open source code on CD-ROM for a charge covering the cost of performing such distribution (such as the cost of media, shipping, and handling) upon email request to opensource@lge.com. This offer is valid for three (3) years from the date on which you purchased the product.

Wireless LAN module Specifications	
Model	LCW-003
Frequency Range	2412 to 2462MHz
Output Power (Max.)	IEEE 802.11b: 17.56 dBm IEEE 802.11g: 25.53 dBm IEEE 802.11n: 25.29 dBm

FCC Notice (For transmitter module contained in this product)

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

1) this device may not cause harmful interference and
2) this device must accept any interference received, including interference that may cause undesired operation of the device.

Any changes or modifications in construction of this device which are not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC RF Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.
This equipment should be installed and operated with minimum distance 20 cm (7.8 inches) between the antenna and your body. Users must follow the specific operating instructions for satisfying RF exposure compliance.

Industry Canada Statement (For transmitter module contained in this product)

This device complies with Industry Canada's licence-exempt RSSs. Operation is subject to the following two conditions:

1) this device may not cause interference; and
2) this device must accept any interference, including interference that may cause undesired operation of the device.

This Class B digital apparatus complies with Canadian ICES-003.

IC Radiation Exposure Statement

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20 cm (7.8 inches) between the antenna & your body.

NOTE

The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

FCC Regulation Notice

This device complies with Part 18 of the FCC Rules. Operation is subject to the following two conditions:

(1) this device may not cause harmful interference and

(2) this device must accept any interference received, including interference that may cause undesired operation of the device.

Any changes or modifications in construction of this device which are not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device has no serviceable parts.

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Model	FCC ID
LUPXS3186N	BEJF31GDA
LUPXC2386N	BEJF23GDA07

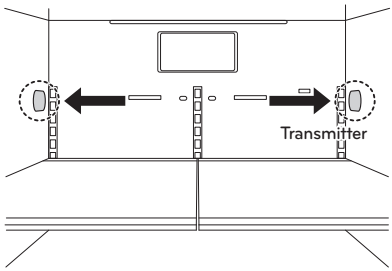
Industry Canada Statement

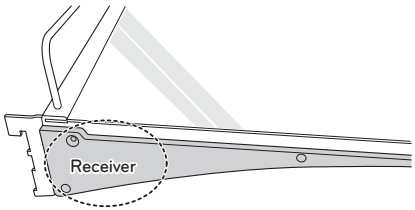
This device complies with Industry Canada'slicense-exempt RSSs. Operation is subject to the following two conditions:

(1) This device may not cause interference; and

(2) This device must accept any interference, including interference that may cause undesired operation of the device.

Wireless Power Transfer Specifications	
Frequency	350 kHz ± 20kHz
Rated voltage	DC 12V
Delivered power	Less than or equal to 1.2W per shelf
Transmission mode	Electromagnetic induction





NOTE

- Installing the shelf on the right side will disable the shelf light.
- The shelf light turns on only when the shelf is installed in the highest or lowest positions.
- Foreign objects and dirt between the shelf and the inner cabinet wall could prevent the shelf light from turning on.
- The shelf light turns on when the door is opened.
- The shelf light turns off after seven minutes or when the door is closed.

In-Door Ice Bin

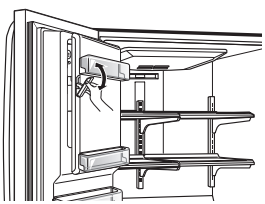
Depending on the model, some of the following functions may not be available.

CAUTION

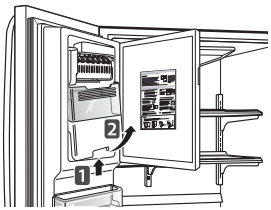
- Keep hands and tools out of the ice compartment door and dispenser chute. Failure to do so may result in damage or personal injury.
- The icemaker stops producing ice when the in-door ice bin is full. If you need more ice, empty the ice bin into the extra ice bin in the freezer compartment. During use, ice may build up higher around the sensor than in the rest of the bin, causing the icemaker to stop producing ice before the bin is full. Shaking the ice bin to level the ice within it can reduce this problem.
- To avoid damaging the icemaker, do not store cans or other items in the ice bin.
- Keep the ice compartment door closed tightly. If the ice compartment door is not closed tightly, the cold air in the ice bin will freeze food in the refrigerator compartment. This could also cause the icemaker to stop producing ice.
- If the icemaker is turned OFF for an extended period of time, the ice compartment will gradually warm up to the temperature of the refrigerator compartment. To prevent ice cubes from melting and leaking from the dispenser, ALWAYS empty the ice bin when the icemaker is set to OFF for more than a few hours.

Detaching the In-Door Ice Bin

1 Gently pull the handle to open the ice compartment.

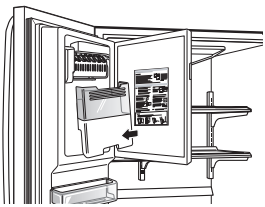


2 To remove the in-door ice bin, grip the front handle, slightly lift the lower part, and slowly pull out the bin as shown.

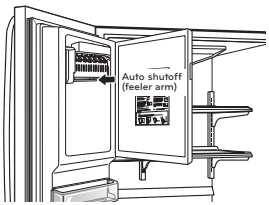


Assembling the In-Door Ice Bin

1 Carefully insert the in-door ice bin while slightly slanting it to avoid contact with the icemaker.



2 Avoid touching the auto shutoff (feeler arm) when replacing the ice bin. See the label on the ice compartment door for details.



CAUTION

When handling the ice bin, keep hands away from the icemaker tray area to avoid personal injury.

Automatic Icemaker

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

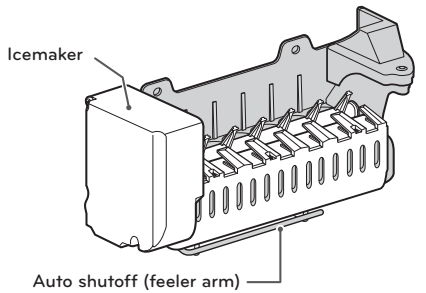
Ice is made in the automatic icemaker and sent to the dispenser. The icemaker will produce 70-182 cubes in a 24-hour period, depending on freezer compartment temperature, room temperature, number of door openings and other operating conditions.

- It takes about 12 to 24 hours for a newly installed refrigerator to begin making ice. Wait 72 hours for full ice production to occur.
- Ice making stops when the in-door ice bin is full. When full, the in-door ice bin holds approximately 6 to 8 (12-16 oz) glasses of ice.
- Foreign substances or frost on the auto shutoff (feeler arm) can interrupt ice production. Make sure the feeler arm is clean at all times for proper operation.
- To increase ice production, use the Ice Plus function. The function increases both ice making and freezing capabilities.

⚠ WARNING

Personal Injury Hazard

DO NOT place fingers or hands on the automatic ice making mechanism while the refrigerator is plugged in.



Turning the Automatic Icemaker On or Off

To turn the automatic icemaker On/Off, press and hold the Ice On/Off button on the control panel for 3 seconds.

Automatic Icemaker (continued)

CAUTION

- The first ice and water dispensed may include particles or odor from the water supply line or the water tank.
- Throw away the first few batches of ice. This is also necessary if the refrigerator has not been used for a long time.
- Never store beverage cans or other items in the ice bin for the purpose of rapid cooling. Doing so may damage the icemaker or the containers may burst.
- If discolored ice is dispensed, check the water filter and water supply. If the problem continues, contact a qualified service center. Do not use the ice or water until the problem is corrected.
- Keep children away from the dispenser. Children may play with or damage the controls.
- The ice passage may become blocked with frost if only crushed ice is used. Remove the frost that accumulates by removing the ice bin and clearing the passage with a rubber spatula. Dispensing cubed ice can also help prevent frost buildup.
- Never use thin crystal glass or crockery to collect ice. Such containers may chip or break resulting in glass fragments in the ice.
- Dispense ice into a glass before filling it with water or other beverages. Splashing may occur if ice is dispensed into a glass that already contains liquid.
- Never use a glass that is exceptionally narrow or deep. Ice may jam in the ice passage and refrigerator performance may be affected.
- Keep the glass at a proper distance from the ice outlet. A glass held too close to the outlet may prevent ice from dispensing.
- To avoid personal injury, keep hands out of the ice door and passage.
- Never remove the dispenser cover.
- If ice or water dispenses unexpectedly, turn off the water supply and contact a qualified service center.

When You Should Turn the Icemaker Off

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

NOTE

The ice bin should be emptied when the Ice On/Off button is set to the Off mode.

Normal Sounds You May Hear

- The icemaker water valve will buzz as the icemaker fills with water. If the Ice on/off button is set to On, the icemaker will buzz even if it has not yet been hooked up to water. To stop the buzzing, press the Ice on/off button to set it to the Off position.

NOTE

Keeping the icemaker on 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 Ice On/Off button to Off and shut off the water supply to the refrigerator.

NOTE

The ice bin should be emptied any time the Ice On/Off button is turned Off.

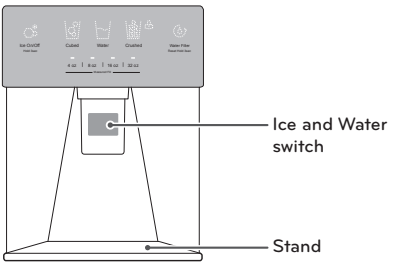
If the ambient temperature is expected to drop below freezing, have a qualified technician drain the water supply system to prevent serious property damage due to flooding caused by ruptured water lines or connections.

Ice and Water Dispenser

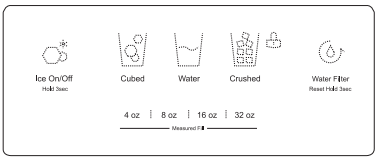
CAUTION

Keep children away from the dispenser to prevent them from playing with or damaging the controls.

Dispenser



Using the Dispenser



1 Turn the icemaker on or off by pressing and holding Ice On/Off for three seconds.

2 To dispense cold water or ice, press the text on the dispenser control panel to select Cubed ice( ), Water( ), or Crushed ice( ).

CAUTION

Throw away the first few batches of ice (about 24 cubes). This is also necessary if the refrigerator has not been used for a long time.

Using the Measured Fill

The measured fill function dispenses pre-measured amounts of water automatically.

1 Select the desired amount from the Measured Fill buttons on the dispenser control panel.

2 Depress the dispenser switch with a container.

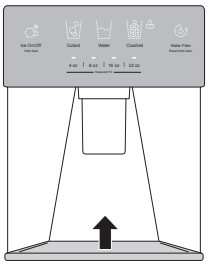
3 To stop the measured fill, release the dispenser switch.

NOTE

- If discolored ice is dispensed, check the water filter and water supply. If the problem continues, contact a qualified service center. Do not use the ice or water until the problem is corrected.
- The dispenser will not operate when either of the refrigerator doors are open.
- If dispensing water or ice into a container with a small opening, place it as close to the dispenser as possible.
- Some dripping may occur after dispensing. Hold the cup beneath the dispenser for a few seconds after dispensing to catch all of the drops.

Cleaning the Dispenser Stand

1 Raise up, holding both ends.



2 Wipe out dirty areas with a clean cloth.

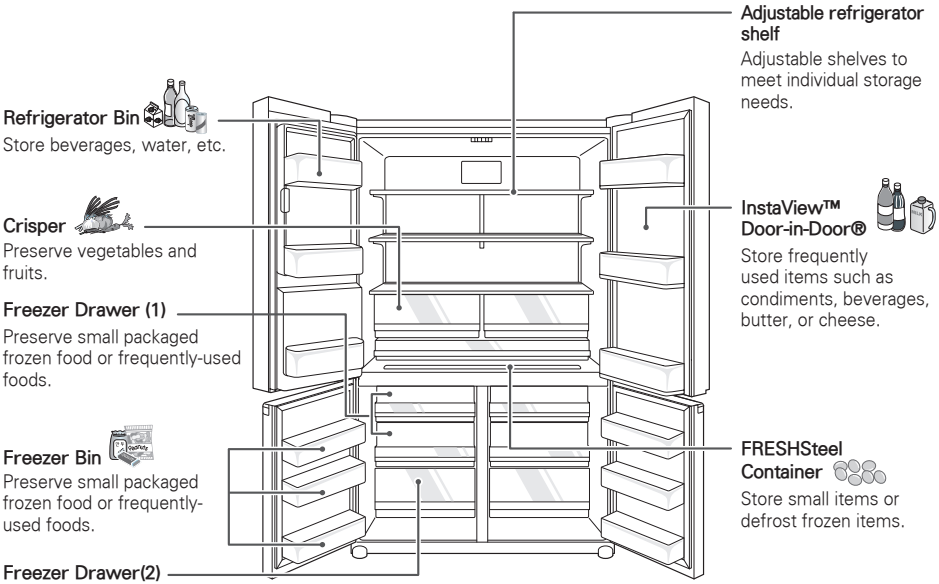
Locking the Dispenser

Press and hold the Lock button on the interior display for three seconds to lock the dispenser and all of the display panel functions. Follow the same instructions to unlock.

Storing Food

Food Preservation Location

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 toward 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 door or freezer drawer is opened too often, warm air may penetrate the refrigerator and raise its temperature. It can also increase the cost to run the appliance.
- Do not overfill or pack items too tightly into door bins. Doing so may cause damage to the bin or personal injury if items are removed with excessive force.
- The temperature inside the FRESHSteel Container is slightly lower than in the shelf or door bin area.

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 door open to prevent fungi from growing in the refrigerator.

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 date code 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 coldest milk, place containers on interior shelf.
Eggs	Store in original carton on interior shelf, not on door shelf.
Fruit	Do not wash or hull the 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 or aluminum foil, or store in plastic containers with tight lids.

Storing Frozen Food

NOTE

Check a freezer 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 2 to 3 lbs. 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.

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

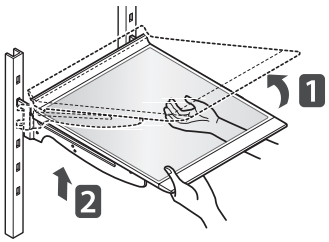
Adjusting the Refrigerator Shelves

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

Adjusting the shelves to fit items of different heights 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.

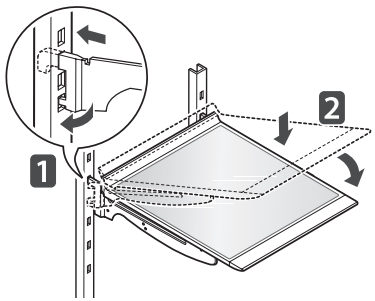
Detaching the Shelf

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



Assembling the Shelf

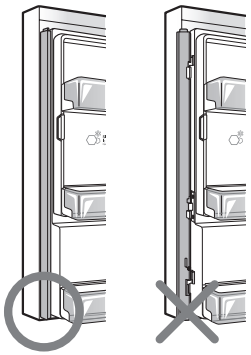
Tilt the front of the shelf up and guide the rear shelf hooks into the slots at the desired height. Then, lower the front of the shelf so that the hooks drop into the slots.



CAUTION

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

When Closing the Door



CAUTION

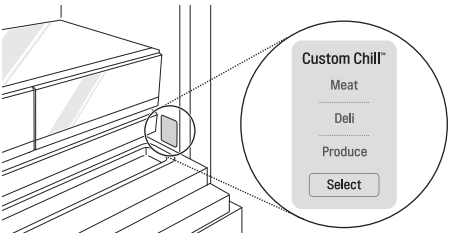
- To reduce the risk of door scratches and breaking the center door mullion, make sure that the refrigerator door mullion is always folded in.
- The door alarm sounds every 30 seconds if the door remains open longer than one minute. Ensure that the folding mullion is folded in before closing the left-hand door.

CustomChill™ Pantry

This space is used to store meat, fish, dairy products, beverages, and other items that need to be kept chilled.

Setting the CustomChill™ Pantry

Choose a temperature setting for the CustomChill™ pantry by pressing the Select button repeatedly to toggle between Meat, Deli, or Produce.



The temperature setting becomes progressively colder from Produce → Deli → Meat.

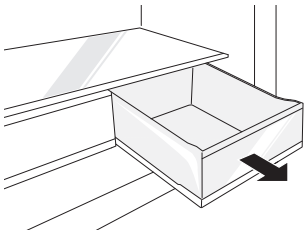
CAUTION

Vegetables or fruit may freeze if placed in the CustomChill™ pantry when it is set to Meat or Deli.

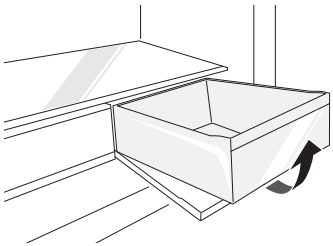
Crisper Drawers

Removing the Crisper Drawers

1 Pull the crisper drawer out until it stops.



2 Slightly lift the crisper drawer to remove it from the support.

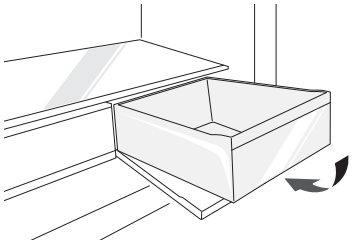


CAUTION

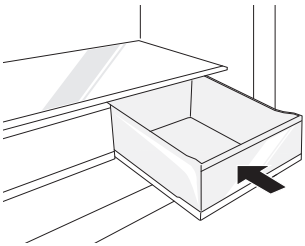
- Always empty the crispers before removing them, and use both hands when removing and assembling them.
- Make sure that the refrigerator doors are fully open before removing and assembling the crispers.

Assembling the Crisper Drawers

1 Pull out the crisper drawer support until it stops. Angle the crisper drawer into the opening to place it on the support.

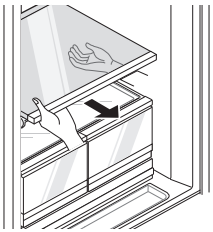


2 Slide the crisper drawer back on the support until it drops into place and then close the crisper drawer.



Removing the Crisper Support Box

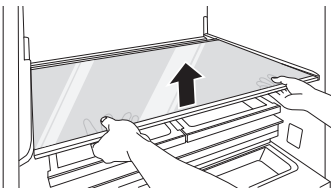
1 Fully open the fridge door and pull out all the shelves.



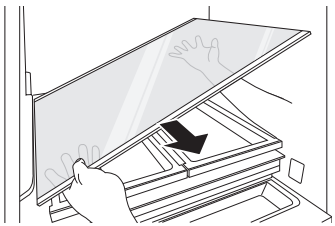
CAUTION

- To avoid injury, always empty the shelves and crisper drawers before removing them.

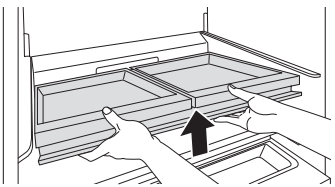
2 Lift the front of the crisper cover until you hear a loud click.



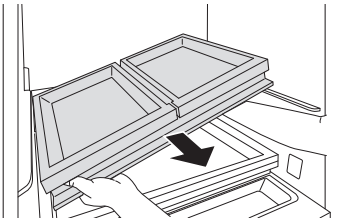
3 Tilt the cover slightly and support it with one hand while pulling it out.



4 Open the convertible pantry and lift the front side of the crisper support box with both hands.

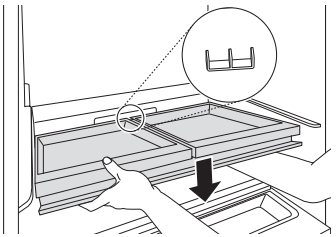


5 Slide one hand under the crisper support box and tilt the box up slightly to remove it.

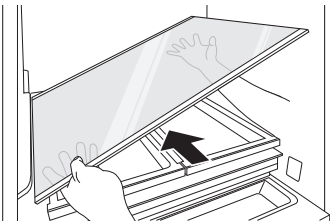


Assembling the Crisper Support Box

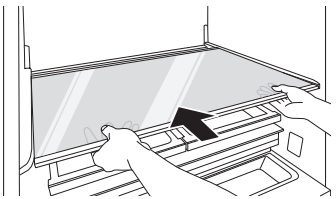
1 Use one hand to support the bottom of the crisper support box while aligning the inner edge of the box with the groove inside the refrigerator. Lower the box into place.



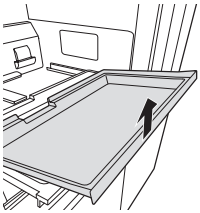
2 Angle the crisper cover into the refrigerator and then lower it into place.



3 Slide the crisper cover back until it stops.



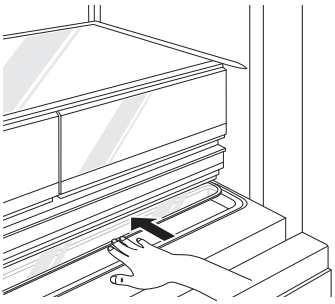
Removing the CustomChill™ Pantry Insert



Remove the contents from the CustomChill™ pantry before removing the insert. To remove, open the drawer to full extension, lift the front of the insert, and pull it out.

FRESHSteel Container

The FRESHSteel Container compartment is slightly cooler than the shelf or door bin areas, so it is a convenient place to store dairy snacks or other small items you want to keep especially cold. It is also a handy place to defrost meat.



NOTE

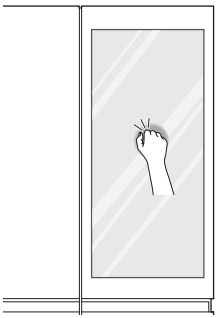
To open cover, push handle toward rear of bin to release catch.
To close cover, slide cover over bin until catch clicks into place.

CAUTION

- Be careful when handling and storing larger eggs. They can be broken if the cover is not completely closed and the drawer above is pushed in.
- Store foods like tofu, celery or lettuce which have high water content or freeze easily on the interior shelves at the front.

InstaView™Door-in-Door®

Knock twice on the center of the glass panel to reveal the contents of the door bins without opening the door and allowing the cold air to escape.



- Knocking twice on the glass panel turns the interior LED on or off.
- The LED turns off automatically after 5 seconds.
- The Knock-On function is disabled when the right refrigerator door is open, for two seconds after closing the door, and when the ice dispenser is in use.

WARNING

Do not hit the glass door panel with excessive force. Do not allow hard objects like cookware or glass bottles to hit the glass door panel. The glass could break, resulting in a risk of personal injury or product damage.

NOTE

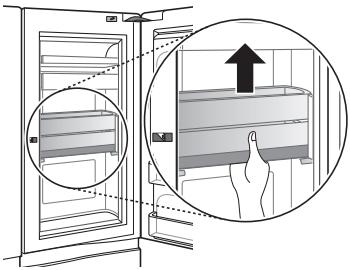
- Tapping the edges of the glass panel may not activate the Knock-On function.
- The taps on the glass panel must be hard enough to be audible.
- Loud noises near the refrigerator may activate the Knock-On function.
- The InstaView™Door-in-Door® will not open if the right refrigerator door is open.

EasyLift Bin

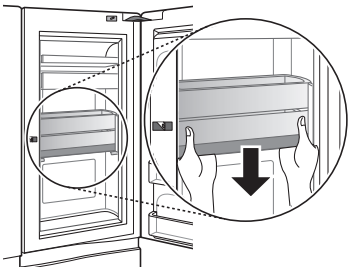
Move the EasyLift bin up and down easily and conveniently as necessary.

- Remove all items from the EasyLift bin before moving it up or down.
- Adjusting the EasyLift Bin allows taller food items to be stored more conveniently.

1 To raise the EasyLift bin, hold the bottom of the bin in the center and push the bin up until it clicks into place.



2 To lower the EasyLift bin, press up to release the levers at the bottom of the bin and lower the bin until it clicks into place.



CAUTION

- To avoid personal injury or damage to the bin or its contents, empty the EasyLift bin before moving it up or down.

Freezer Drawer

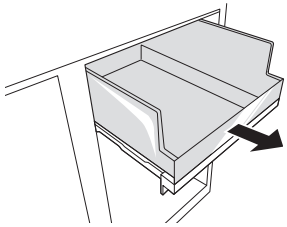
Use the upper compartments to store packaged frozen foods and frequently-used foods.

Use the lower compartments for larger frozen foods and items stored for longer periods.

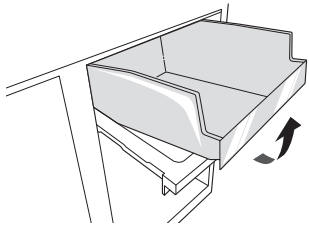
- The sliding freezer drawers allow easy access and convenience of use.

Removing the Freezer Drawer

1 Pull the freezer drawer out until it stops. Empty all contents out of the drawer before removing it.



2 Lift the empty freezer drawer slightly to remove it from the support.

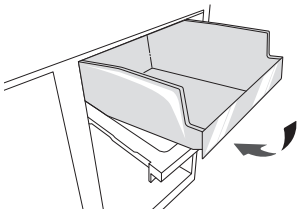


CAUTION

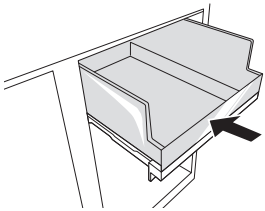
- The drawers are heavy. Always use two hands when removing or assembling the drawers to avoid product damage or personal injury. Always empty drawers before removing them.
- Always open the freezer doors completely before removing or assembling the drawers.

Assembling the Freezer Drawer

1 Pull out the drawer support until it stops. Angle the drawer into the space and set it on the support.



2 Slide the drawer back until it lowers into place on the support. Close the drawer.

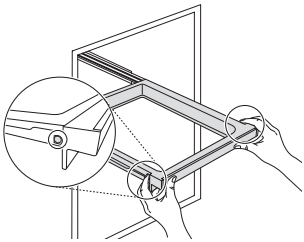


CAUTION

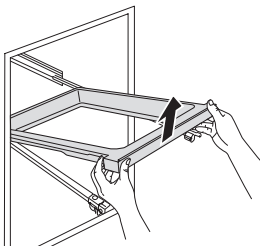
- The drawers are heavy. Always use two hands when removing or assembling the drawers to avoid product damage or personal injury. Always empty drawers before removing or assembling them.
- Always open the freezer doors completely before removing or assembling the drawers.

Removing the Drawer Support

1 Press the levers on either side of the drawer support.

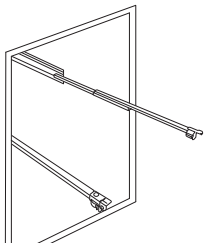


2 Keeping both levers pressed, lift the drawer support slightly and remove it from the rail system.

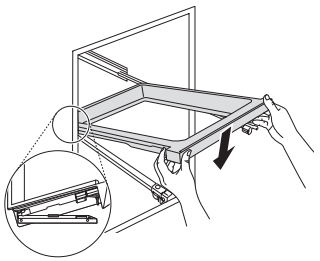


Assembling the Drawer Support

1 Pull both drawer rails out until they stop.

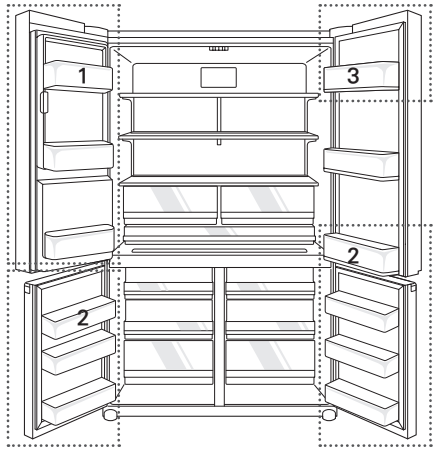


2 Line up the bottom edges on the sides of the drawer support with the groove in each rail and then lower the support until it clicks into place.



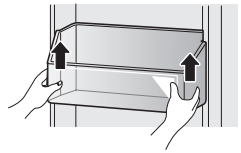
Refrigerator/Freezer Door Bins

You can store small packaged frozen food in the freezer door bins, or small packaged refrigerated food or beverages in the refrigerator door bins, such as milk, water, juice, beer, etc.
Do not store ice cream or foods intended for long-term storage in the freezer door bins.

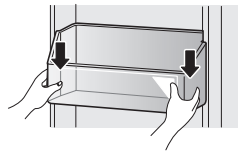


1. Left Refrigerator Door Bins

To remove the door bins, hold the bin with both hands and lift up to remove it.



To replace the freezer door bin, align both sides of the bin with the guides and push the bin down until it snaps into place.



Using the Door-in-Door Bin Bars

The metal bars attached to the Door-in-Door bins can be used as either rails or dividers.

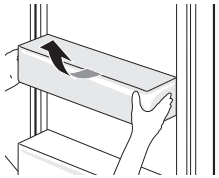
1 To keep tall items secure in the door bin, unfold the bar and extend it upward from the top of the bin as a rail.

2 To keep bin contents organized, unfold the bar and extend it back into the bin as a divider.

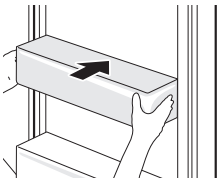
3 Fold the bar down into the front of the bin when not in use.

2. Freezer Bins and Lower InstaView™Door-in-Door® bin

To remove the door bins, slightly lift both ends of the basket and pull forward to separate.



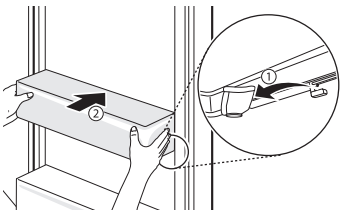
Match the both ends of the basket to the hole, and push with force until there is a click sound.



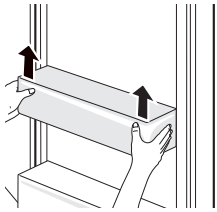
3. Upper InstaView™Door-in-Door® bin

Separating upper section InstaView™Door-in-Door® bin

1 To remove the door bins, after unscrewing the hooks below both ends of the basket in order, slightly push the basket backward.

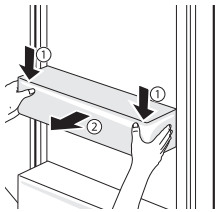


2 Hold and lift both ends of the basket to separate.

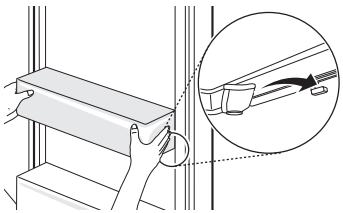


Re-assembly of the upper section InstaView™Door-in-Door® bin

1 Match to the hole at both ends of the basket and slightly pull forward to fix it.



2 Lock the hooks below both ends of the basket in order.



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 refrigerator 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 and a 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 and a 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.

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 quart of water (26 g soda to 1 liter water) Be sure the baking soda is completely dissolved so it does not scratch the surfaces of the refrigerator.

Door Liners and Gaskets

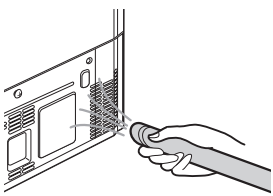
Use a clean sponge or soft cloth and a mild detergent in warm water. Do not use cleaning waxes, concentrated detergents, bleaches, or cleaners containing petroleum on plastic refrigerator parts.

Plastic Parts (covers and panels)

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

Condenser Coils

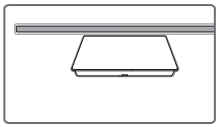
Use a vacuum cleaner with an attachment to clean the condenser cover and vents. Do not remove the panel covering the condenser coil area.



Replacing the Fresh Air Filter

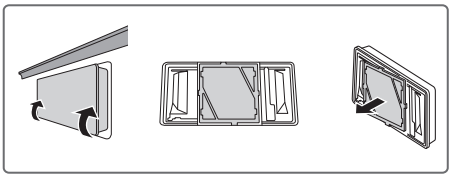
Replace the air filter:

- Approximately every six months.
- When the Fresh Filter LED blinks or the Replace Filter icon is displayed.



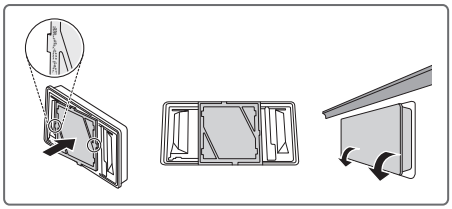
1 **Remove the old filter.**

Remove the cover to the air filter compartment. The air filter is on the inside of the cover. Press outward on the sides of the central cover compartment to release the tabs of the air filter. Remove the air filter.



2 **Install a new air filter.**

Insert the side tab of the new filter into the slot on the side of the central cover compartment. Snap the other side of the filter down into place. It may help to press the side of the central compartment outward while pressing down on the filter. Make sure the side of the filter labeled "Back" is facing out. Snap the cover of the filter back onto the filter compartment in the refrigerator.



After changing the filter, push and hold the Fresh Filter button for three seconds to reset the filter sensor.

Replacing the Water Filter

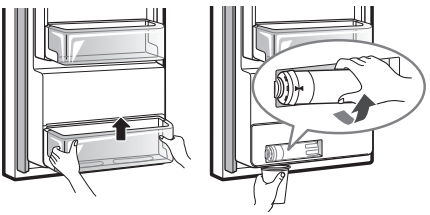
> **NOTE**
>
> This refrigerator does not require a filter bypass plug when the filter is not in place.

Replace the water filter:

- Approximately every six months.
- When the water filter indicator blinks.
- When the water dispenser output decreases.
- When the ice cubes are smaller than normal.

1 Remove the old water filter.

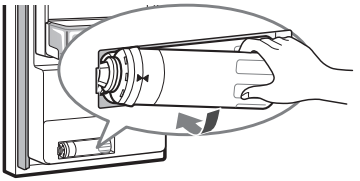
Lift up and remove the lower door bin. Swing the right end of the water filter out of the compartment and then grasp and rotate the filter counterclockwise to remove it from the filter head.



> **NOTE**
>
> Replacing the water filter could cause a small amount of water to drain. Place a cup under the filter head to catch any water.

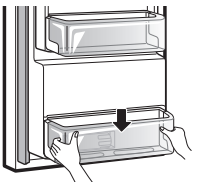
2 Replace with a new water filter.

Insert the new filter into the filter head and rotate it clockwise until the arrow on the new filter lines up with the arrow on the filter head. Swing the filter back into the compartment.



3 Assemble the door bin.

After changing the filter, push and hold the Water Filter button for three seconds to reset the filter.



Performance Data Sheet

Use Replacement Cartridge: ADQ73613401

The concentration of the indicated substances in water entering the system was reduced to a concentration less than or equal to the permissible limit for water leaving the system as specified in NSF/ANSI Standard 42 and Standard 53.

System tested and certified by NSF International against NSF/ANSI Standard 42 and Standard 53 for the reduction of substances listed below.

Capacity 200 Gallons (757 Liters) Contaminant Reduction Determined by NSF testing.

Contaminant Reduction	Average Influent	NSF specified Challenge Concentration	Avg % Reduction	Average Product Water Concentration	Max Permissible Product Water Concentration	NSF Reduction equirements
Chlorine Taste and Odor	2.0 mg/L	2.0 mg/L ± 10%	97.5%	0.05 mg/L	N/A	≥ 50%
Nominal Particulate Class I, , ≥ 0.5 to < 1.0 µm	5,600,000 pts/mL	At least 10,000 particles/mL	99.3%	73,000 pts/ml	N/A	≥ 85%
Asbestos	170 MFL	10^7 to 10^8 MFL; fibers greater than 10 µm in length	>99%	< 1MLF	N/A	≥ 99%
Atrazine	0.0087 mg/L	0.009 mg/L ± 10%	94.2%	0.0005 mg/L	0.003 mg/L	N/A
Benzene	0.017 mg/L	0.015 mg/L ± 10%	97.0%	< 0.0005 mg/L	0.005 mg/L	N/A
Carbofuran	0.073 mg/L	0.08 mg/L ± 10%	98.8%	0.001 mg/L	0.04 mg/L	N/A
Lindane	0.002 mg/L	0.002 mg/L ± 10%	98.8%	0.00002 mg/L	0.0002 mg/L	N/A
P-Dichlorobenzene	0.263 mg/L	0.225 mg/L ± 10%	99.6%	0.001 mg/L	0.075 mg/L	N/A
Toxaphene	0.015 mg/L	0.015 mg/L ± 10%	93.5%	0.001 mg/L	0.003 mg/L	N/A
2,4-D	0.25 mg/L	0.210 mg/L ± 10%	99.5%	0.0012 mg/L	0.07 mg/L	N/A
Lead pH @6.5	0.150 mg/L	0.15 mg/L ± 10%	>99.3%	0.001 mg/L	0.010 mg/L	N/A
Lead pH @8.5	0.150 mg/L	0.15 mg/L ± 10%	>99.3%	0.001 mg/L	0.010 mg/L	N/A
Mercury @ pH 6.5	0.006 mg/L	0.006 mg/L ± 10%	96.5	0.0002 mg/L	0.002 mg/L	N/A
Mercury @ pH 8.5	0.0062 mg/L	0.006 mg/L ± 10%	86.9	0.0081 mg/L	0.002 mg/L	N/A
Cyst*	200,000 cysts/L	Minimum 50,000 cysts/L	>99.99%	<1 cyst/L	N/A	≥ 99.95%

* Based on the use of Cryptosporidium parvum oocysts.

Application Guidelines / Water Supply Parameters

Note that while the testing was performed under standard laboratory conditions, actual performance may vary.

Service Flow	0.5 gpm (1.9 lpm)
Water Supply	Community or private well — Potable Water
Water Pressure	20 -120 psi (138 - 827 kPa)
Water Temperature	33-100°F (0.6 -37.8°C)
Capacity	200 gallons (757 liters)

NSF System Trade Name Code : ADQ73613401-S
NSF Replacement Code : ADQ73613401

It is essential that the manufacturer's recommended installation, maintenance and filter replacement requirements be carried out for the product to perform as advertised.

Replacement Cartridge: ADQ73613401

For estimated costs of replacement elements please call 1-877-714-7486 or visit our website at www.lge.com

Refer to the "warranty" section of the Refrigerator Owner's Manual for Limited Warranty information.

SAFETY INFORMATION

Read, understand, and follow all safety Information contained in these instructions prior to installation and use of this product. Retain these instructions for future reference.

⚠ WARNING

To reduce the risk associated with the ingestion of contaminants:

- **Do not** use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system. Systems certified for cyst reduction may be used on disinfected water that may contain filterable cysts.

⚠ CAUTION

Please note that water could leak while replacing the filter which could result in property damage.

To reduce the risk associated with property damage due to water leakage:

- **Read and follow** Use Instructions before installation and use of this system.
- Installation **must** comply with existing state or local plumbing codes.
- **Protect filter from freezing** Drain filter when room temperature drops below 33°F (0.6°C).
- **Do not** install if water pressure exceeds 120 psi (827 kPa). If your water pressure exceeds 80 psi, you must install a pressure limiting valve. Contact a plumbing professional if you are uncertain how to check your water pressure.
- **Do not** install where water hammer conditions may occur. If water hammer conditions exist you must install a water hammer arrester. Contact a plumbing professional if you are uncertain how to check for this condition.
- **Do not** install on hot water supply lines. Install on cold water lines only. The maximum operating water temperature of this filter system is 100°F (37.8°C).
- Where a backflow prevention device is installed on a water system, a device for controlling pressure due to thermal expansion must be installed.
- The disposable filter cartridge **must** be replaced every six months, at the rated capacity or if a noticeable reduction in flow rate occurs.

NSF is a trademark of NSF International. LG is a trademark of LG Corp. MCM Co..Ltd.

NSF International

RECOGNIZES

MCM Co., Ltd.

Republic of Korea

AS COMPLYING WITH NSF/ANSI 42, 53 AND ALL APPLICABLE REQUIREMENTS.
PRODUCTS APPEARING IN THE NSF OFFICIAL LISTING ARE
AUTHORIZED TO BEAR THE NSF MARK.

Certification Program
Accredited by the
American National
Standards Institute

Certification Program
Accredited by the
Standards Council
of Canada

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October 4, 2013
Certificate# C0174200 - 02

David Purkiss
General Manager, Water Systems

California Department of Public Health Certification 14-3015

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 allows you to speak 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.

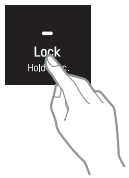
If you experience problems with your refrigerator, call 1-800-243-0000. Only use the Smart Diagnosis™ feature when instructed to do so by the LG call center agent. The transmission sounds that you will hear are normal and sound similar to a fax machine.

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™.

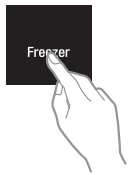
Using Smart Diagnosis™

First, call 1-800-243-0000. Only use the Smart Diagnosis™ feature when instructed to do so by the LG call center agent.

1 Lock the display. To lock the display, open the InstaView™Door-in-Door® and press and hold the Lock button for three seconds. (If the display has been locked for over five minutes, you must deactivate the lock and then reactivate it.)



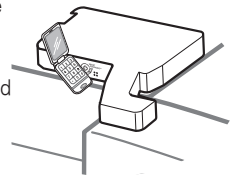
2 Press and hold the Freezer button for three seconds.



3 After the display indicates “Smart Diagnosis” and number “3”, release the Freezer button.

4 When instructed to do so by the call center, close the Door-in-Door and open the right refrigerator door.

5 Immediately hold the mouthpiece of your phone in front of the speaker that is located on the right hinge of the refrigerator door.



6 Keep the phone in place until the tone transmission has finished. This takes about 6 seconds, and the display will count down the time. 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 a land line rather than a cell phone for better communication performance, resulting in better service.
- Bad call quality may result in poor data transmission from your phone to the machine, which could cause Smart Diagnosis™ to malfunction.

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 control is set to OFF (some models).	Turn the control ON. Refer to the Setting the Controls section for proper temperature settings.
	Refrigerator is in the defrost cycle.	During the defrost cycle, the temperature of each compartment may rise slightly. Wait 30 minutes and 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.
	May be in Display mode.	Refer to page 25 for Display mode instructions.
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 Troubleshooting.
	Refrigerator is installed in a hot location.	The compressor will run longer under warm conditions. At normal room temperatures (70°F) 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 110°F.
	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. Unplug the cord or switch off the breaker 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 110°F.
	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 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 rise slightly and condensation may form on the back wall. Wait 30 minutes and confirm the proper temperature has been restored once the defrost cycle has completed.

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 rise slightly and condensation may form on the back wall. Wait 30 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 41°F (5°C), food can freeze in the refrigerator compartment. The refrigerator should not be operated in temperatures below 55°F (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.
Icemaker is not making enough ice.	Demand exceeds ice storage capacity.	The icemaker will produce approximately 70~182 cubes in a 24 hour period.
	House water supply is not connected, valve is not turned on fully, or valve is clogged.	Connect the refrigerator to a cold water supply with adequate pressure and turn the water shutoff valve fully open. If the problem persists, it may be necessary to contact a plumber.
	Water filter has been exhausted.	It is recommended that you replace the water filter: • Approximately every six months. • When the water filter indicator blinks. • When the water dispenser output decreases. • When the ice cubes are smaller than normal.
	Low house water supply pressure.	The water pressure must be 20~120 psi or 138~827 kPa or 1.4~8.4 kgf/cm² on models without a water filter and 40~120 psi or 276~827 kPa or 2.8~8.4 kgf/cm² on models with a water filter. If the problem persists, it may be necessary to contact a plumber.
	Reverse Osmosis filtration system is used.	Reverse osmosis filtration systems can reduce the water pressure below the minimum amount and result in icemaker issues. (Refer to Water Pressure section.)
	Tubing connecting refrigerator to house supply valve is kinked.	The tubing can kink when the refrigerator is moved during installation or cleaning resulting in reduced water flow. Straighten or repair the water supply line and arrange it to prevent future kinks.

Problem	Possible Causes	Solutions
Icemaker is not making enough ice (continued).	Doors are opened often or for long periods of time.	If the doors of the unit are opened often, ambient air will warm the refrigerator which will prevent the unit from maintaining the set temperature. Lowering the refrigerator temperature can help, as well as not opening the doors as frequently.
	Doors are not closed completely.	If the doors are not properly closed, ice production will be affected. See the Doors will not close completely or pop open section in Troubleshooting for more information.
	The temperature setting for the freezer is too warm.	The recommended temperature for the freezer compartment for normal ice production is 0°F. If the freezer temperature is warmer, ice production will be affected.
Dispensing water slowly.	Water filter has been exhausted.	It is recommended that you replace the water filter: • Approximately every six months. • When the water filter indicator blinks. • When the water dispenser output decreases. • When the ice cubes are smaller than normal.
	Reverse osmosis filtration system is used.	Reverse osmosis filtration systems can reduce the water pressure below the minimum amount and result in icemaker issues. If the problem persists, it may be necessary to contact a plumber.
	Low house water supply pressure.	The water pressure must be 20~120 psi or 138~827 kPa or 1.4~8.4 kgf/cm² on models without a water filter and 40~120 psi or 276~827 kPa or 2.8~8.4 kgf/cm² on models with a water filter. If the problem persists, it may be necessary to contact a plumber.

Problem	Possible Causes	Solutions
Not dispensing ice.	Doors are not closed completely.	Ice will not dispense if any of the refrigerator doors are left open.
	Infrequent use of the dispenser.	Infrequent use of the ice dispenser will cause the cubes to stick together over time, which will prevent them from properly dispensing. Check the ice bin for ice cubes clumping/sticking together. If they are, break up the ice cubes to allow for proper operation.
	The delivery chute is clogged with frost or ice fragments.	Eliminate the frost or ice fragments by removing the ice bin and clearing the chute with a plastic utensil. Dispensing cubed ice can also help prevent frost or ice fragment buildup.
	The dispenser display is locked.	Press and hold the Lock button for three seconds to unlock the control panel and dispenser.
	Ice bin is empty.	It may take up to 24 hours for each compartment to reach the desired temperature and for the icemaker to begin making ice. Make sure that the shutoff (arm/sensor) is not obstructed. Once the ice supply in the bin has been completely exhausted, it my take up to 90 minutes before additional ice is available, and approximately 24 hours to completely refill the bin.
Icemaker is not making ice.	Refrigerator was recently installed or icemaker recently connected.	It may take up to 24 hours for each compartment to reach the desired temperature and for the icemaker to begin making ice.
	Icemaker not turned on.	Locate the Ice On/Off button on the display and confirm that it is turned On.
	The ice detecting sensor is obstructed.	Foreign substances or frost on the ice-detecting sensor can interrupt ice production. Make sure that the sensor area is clean at all times for proper operation.
	The refrigerator is not connected to a water supply or the supply shutoff valve is not turned on.	Connect refrigerator to the water supply and turn the water shutoff valve fully open.
	Icemaker shutoff (arm or sensor) obstructed.	If your icemaker is equipped with an ice shutoff arm, make sure that the arm moves freely. If your icemaker is equipped with the electronic ice shutoff sensor, make sure that there is a clear path between the two sensors.
	Reverse osmosis water filtration system is connected to your cold water supply.	Reverse osmosis filtration systems can reduce the water pressure below the minimum amount and result in icemaker issues. (Refer to the Water Pressure section.)

Problem	Possible Causes	Solutions
Not dispensing water.	New installation or water line recently connected.	Dispense 2.5 gallons of water (flush for approximately 5 minutes) to remove trapped air and contaminants from the system. Do not dispense the entire 2.5 gallon amount continuously. Depress and release the dispenser pad for cycles of 30 seconds ON and 60 seconds OFF.
	The dispenser panel is locked.	Press and hold the Lock button for three seconds to unlock the control panel and dispenser.
	The dispenser is not set for water dispensing.	The dispenser can be set for ice or water. Make certain that the control panel is set for the proper operation. Press the Water button on the control panel to dispense water.
	Refrigerator or freezer doors are not closed properly.	Water will not dispense if any of the refrigerator doors are left open.
	Water filter has been recently removed or replaced.	After the water filter is replaced, dispense 2.5 gallons of water (flush for approximately 5 minutes) to remove trapped air and contaminants from the system. Do not dispense the entire 2.5 gallon amount continuously. Depress and release the dispenser pad for cycles of 30 seconds ON and 60 seconds OFF.
	Tubing connecting refrigerator to house supply valve is kinked.	The tubing can kink when the refrigerator is moved during installation or cleaning resulting in reduced water flow. Straighten or repair the water supply line and arrange it to prevent future kinks.
	The house water supply is not connected, the valve is not turned on fully, or the valve is clogged.	Connect refrigerator to the water supply and turn the water shutoff valve fully open. If the problem persists, it may be necessary to contact a plumber.

Problem	Possible Causes	Solutions
Ice has bad taste or odor.	Water supply contains minerals such as sulfur.	A water filter may need to be installed to eliminate taste and odor problems. NOTE: In some cases, a filter may not help. It may not be possible to remove all minerals / odor / taste in all water supplies.
	Icemaker was recently installed.	Discard the first few batches of ice to avoid discolored or bad tasting ice.
	Ice has been stored for too long.	Ice that has been stored for too long will shrink, become cloudy, and may develop a stale taste. Throw away old ice and make a new supply.
	The food has not been stored properly in either compartment.	Rewrap the food. Odors may migrate to the ice if food is not wrapped properly.
	The interior of the refrigerator needs to be cleaned.	See the Care and Cleaning section for more information.
	The ice storage bin needs to be cleaned.	Empty and wash the bin (discard old cubes). Make sure that the bin is completely dry before reinstalling it.
Dispensing warm water.	Refrigerator was recently installed.	Allow 24 hours after installation for the water storage tank to cool completely.
	The water dispenser has been used recently and the storage tank was exhausted.	Depending on your specific model, the water storage capacity will range from approximately 20 to 30 oz.
	Dispenser has not been used for several hours.	If the dispenser has not been used for several hours, the first glass dispensed may be warm. Discard the first 10 oz.
	Refrigerator is connected to the hot water supply.	Make sure that the refrigerator is connected to a cold water pipe. ⚠ WARNING: Connecting the refrigerator to a hot water line may damage the icemaker.
Water has bad taste or odor.	Water supply contains minerals such as sulfur.	A water filter may need to be installed to eliminate taste and odor problems.
	Water filter has been exhausted.	It is recommended that you replace the water filter: • Approximately every 6 months. • When the water filter indicator blinks. • When the water dispenser output decreases. • When the ice cubes are smaller than normal.
	Refrigerator was recently installed.	Dispense 2.5 gallons of water (flush for approximately 5 minutes) to remove trapped air and contaminants from the system. Do not dispense the entire 2.5 gallon amount continuously. Depress and release the dispenser pad for cycles of 30 seconds ON and 60 seconds OFF.

Problem	Possible Causes	Solutions
Icemaker is making too much ice.	Icemaker shutoff (arm/sensor) is obstructed.	Empty the ice bin. If your icemaker is equipped with an ice shutoff arm, make sure that the arm moves freely. If your icemaker is equipped with the electronic ice shutoff sensor, make sure that there is a clear path between the two sensors. Reinstall the ice bin and wait 24 hours to confirm proper operation.
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 Refrigerator Installation 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.
InstaView™Door-in-Door® panel doesn't work properly.	Knocking too softly or on edges of panel. Loud noise near refrigerator.	Knock twice near the center of the glass panel. Tap hard enough so the taps are audible. Loud noises may activate InstaView™ function. The LED turns off automatically after 5 seconds.
Auto Open Door does not work properly.	Motion sensor not activated or flooring material too reflective.	Make sure your foot passes in front of the motion sensor before you step on the displayed text. If the flooring material is highly reflective, the Auto Door sensor may malfunction.
Auto Open Drawer does not work properly.	Door not open wide enough. Closing door too quickly.	Open the door at least 85 degrees. Close the door to less than 85 degrees, then allow the sensor to react and the drawers to close before fully closing the door.

Problem	Possible Causes	Solutions
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 Air Filter may need to be set to the MAX setting or replaced.	Set the Air Filter to the MAX setting. If the odor does not go away within 24 hours, the filter may need to be replaced. See the Replacing the Air 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 or candle.

WARRANTY (USA)

Should your LG Refrigerator ("Product") fail due to a defect in materials or workmanship under normal home use, during the warranty period set forth below, LG will at its option repair or replace the product. This limited warranty is valid only to the original retail purchaser of the product and applies only when purchased and used within the United States including U.S. Territories. Proof of original retail purchase is required to obtain warranty service under this limited warranty.

WARRANTY PERIOD			
Refrigerator	Sealed System (Condenser, Dryer, Connecting Tube, Refrigerant and Evaporator)		Linear Compressor
One (1) year from the date of original retail purchase	One (1) year from the date of original retail purchase	Seven (7) years from the date of original retail purchase	Ten (10) years from the date of original retail purchase
Parts and Labor (internal/functional parts only)	Parts and Labor	Parts only (Consumer will be charged for labor)	Part only (Consumer will be charged for labor)

Noises associated with normal operation and failure to follow instructions found in the use and care and installation guides or operating the unit in an unsuitable environment will not be covered under this warranty.

- Replacement products and parts are warranted for the remaining portion of the original warranty period or ninety (90) days, whichever is greater.
- Replacement products and parts may be new or remanufactured.

THIS WARRANTY IS IN LIEU OF ANY OTHER WARRANTY, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION, ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. TO THE EXTENT ANY IMPLIED WARRANTY IS REQUIRED BY LAW, IT IS LIMITED IN DURATION TO THE EXPRESS WARRANTY PERIOD ABOVE. NEITHER THE MANUFACTURER NOR ITS U.S. DISTRIBUTOR SHALL BE LIABLE FOR ANY INCIDENTAL, CONSEQUENTIAL, INDIRECT, SPECIAL, OR PUNITIVE DAMAGES OF ANY NATURE, INCLUDING WITHOUT LIMITATION, LOST REVENUES OR PROFITS, OR ANY OTHER DAMAGE WHETHER BASED IN CONTRACT, TORT, OR OTHERWISE. Some states do not allow the exclusion or limitation of incidental or consequential damages or limitations on how long an implied warranty lasts, so the above exclusion or limitation may not apply to you. This warranty gives you specific legal rights and you may also have other rights that vary from state to state.

THIS LIMITED WARRANTY DOES NOT COVER:

1. Service trips to deliver, pick up, install, or repair the product; instruct the customer on operation of the product; repair or replace fuses or correct wiring or plumbing, or correction of unauthorized repairs/installation.
2. Failure of product to perform during power failures and interruptions or inadequate electrical service.
3. Damage caused by leaky or broken water pipes, frozen water pipes, restricted drain lines, inadequate or interrupted water supply or inadequate supply of air.
4. Damage resulting from operating the product in a corrosive atmosphere or contrary to the instructions outlined in the product owner's manual.
5. Damage to the product caused by accidents, pests and vermin, lightning, wind, fire, floods, or acts of God.
6. Damage resulting from misuse, abuse, improper installation, repair, or maintenance. Improper repair includes use of parts not approved or specified by LG.
7. Damage or failure caused by unauthorized modification or alteration, or if it is used for other than the intended purpose, or any water leakage where the unit was not properly installed.
8. Damage or failure caused by incorrect electrical current, voltage, or plumbing codes, commercial or industrial use, or use of accessories, components, or consumable cleaning products that are not approved by LG.
9. Damage caused by transportation and handling, including scratches, dents, chips, and/or other damage to the finish of your product, unless such damage results from defects in materials or workmanship and is reported within one (1) week of delivery (Call: 1-800-243-0000).
10. Damage or missing items to any display, open box, discounted, or refurbished product.
11. Products with original serial numbers that have been removed, altered, or can not be readily determined. Model and Serial numbers, along with original retail sales receipt, are required for warranty validation.
12. Increases in utility costs and additional utility expenses.
13. Replacement of light bulbs, filters, or any consumable parts.
14. Repairs when your product is used in other than normal and usual household use (e.g. commercial use, offices, and recreational facilities) or contrary to the instructions outlined in the product owner's manual.
15. Costs associated with removal of your product from your home for repairs.
16. The removal and reinstallation of the product if it is installed in an inaccessible location or is not installed in accordance with published installation instructions, including LG's owner's and installation manuals.
17. Shelves, door bins, drawers, handles, accessories, and other parts besides those that were originally included with this particular model.
18. Service trips to your home to teach you how to use the product.
19. Replacement of the water filter cartridge due to water pressure that is outside the specified operating range or due to excessive sediment in the water supply.

The cost of repair or replacement under these excluded circumstances shall be borne by the consumer.

For complete warranty details and customer assistance, please call or visit our website:

Call 1-800-243-0000 (24 hours a day, 365 days a year) and select the appropriate option from the menu, or visit our website at **http://www.lg.com** Or by mail: LG Customer Information Center: P. O. Box 240007, 201 James Record Road Huntsville, Alabama 35813 ATTN: CIC

Write your warranty information below: _____

Product Registration Information: _____

Model: _____

Serial Number: _____

Date of Purchase: _____

WARRANTY (Canada)

WARRANTY: Should your LG Refrigerator ("Product") fail due to a defect in material or workmanship under normal home use during the warranty period set forth below, LG Canada will at its option repair or replace the Product upon receipt of proof of original retail purchase. This warranty is valid only to the original retail purchaser of the product and applies only to a Product distributed in Canada by LG Canada or an authorized Canadian distributor thereof. The warranty only applies to Products located and used within Canada.

WARRANTY PERIOD: (Note: If the original date of purchase can not be verified, the warranty will begin sixty (60) days from the date of manufacture)			
Refrigerator/ Freezer	**Sealed System (Condenser, Dryer, Connecting Tube, Refrigerant and Evaporator)**		**Linear Compressor**
One (1) year from the date of original retail purchase	**One (1) year from the date of original retail purchase**	**Seven (7) years from the date of original retail purchase**	**Ten (10) years from the date of original retail purchase**
Parts and Labor (internal/functional parts only)	Parts and Labor	Parts only (Consumer will be charged for labor)	Part only (Consumer will be charged for labor)

Noises associated with normal operation and failure to follow instructions found in the use and care and installation guides or operating the unit in an unsuitable environment will not be covered under this warranty.

- Replacement products and parts are warranted for the remaining portion of the original warranty period or ninety (90) days, whichever is greater.
- Replacement products and parts may be new or remanufactured.
- LG Authorized Service Center warranties their repair work for thirty (30) days.

LG CANADA'S SOLE LIABILITY IS LIMITED TO THE WARRANTY SET OUT ABOVE. EXCEPT AS EXPRESSLY PROVIDED ABOVE, LG CANADA MAKES NO AND HEREBY DISCLAIMS ALL OTHER WARRANTIES AND CONDITIONS RESPECTING THE PRODUCT, WHETHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, AND NO REPRESENTATIONS SHALL BE BINDING ON LG CANADA. LG CANADA DOES NOT AUTHORIZE ANY PERSON TO CREATE OR ASSUME FOR IT ANY OTHER WARRANTY OBLIGATION OR LIABILITY IN CONNECTION WITH THE PRODUCT. TO THE EXTENT THAT ANY WARRANTY OR CONDITION IS IMPLIED BY LAW, IT IS LIMITED TO THE EXPRESS WARRANTY PERIOD ABOVE. LG CANADA, THE MANUFACTURER OR DISTRIBUTOR SHALL NOT BE LIABLE FOR ANY INCIDENTAL, CONSEQUENTIAL, SPECIAL, DIRECT OR INDIRECT DAMAGES, LOSS OF GOODWILL, LOST PROFITS, PUNITIVE OR EXEMPLARY DAMAGES OR ANY OTHER DAMAGE, WHETHER ARISING DIRECTLY OR INDIRECTLY FROM ANY CONTRACTUAL BREACH, FUNDAMENTAL OR OTHERWISE, OR FROM ANY ACTS OR OMISSIONS, TORT, OR OTHERWISE. This warranty gives you specific legal rights. You may have other rights which may vary from province to province depending on applicable provincial laws. Any term of this warranty that negates or varies any implied condition or warranty under provincial law is severable where it conflicts with provincial law without affecting the remainder of this warranty's terms.

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3. Damage caused by leaky or broken water pipes, frozen water pipes, restricted drain lines, inadequate or interrupted water supply or inadequate supply of air.
4. Damage resulting from operating the Product in a corrosive atmosphere or contrary to the instructions outlined in the Product owner's manual.
5. Damage to the Product caused by accidents, pests and vermin, lightning, wind, fire, floods, or acts of God.
6. Damage resulting from the misuse, abuse, improper installation, repair, or maintenance of the Product. Improper repair includes use of parts not approved or specified by LG Canada.
7. Damage or product failure caused by unauthorized modification or alteration, or use for other than its intended purpose, or resulting from any water leakage due to improper installation.
8. Damage or Product failure caused by incorrect electrical current, voltage, or plumbing codes, commercial or industrial use, or use of accessories, components, or cleaning products that are not approved by LG Canada.
9. Damage caused by transportation and handling, including scratches, dents, chips, and/or other damage to the finish of your product, unless such damage results from defects in materials or workmanship and is reported within one (1) week of delivery.
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14. Repairs when your Product is used in other than normal and usual household use (including, without limitation, commercial use, in offices or recreational facilities) or contrary to the instructions outlined in the Product owner's manual.
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19. Replacement of the water filter cartridge due to water pressure that is outside the specified operating range or due to excessive sediment in the water supply.

All costs associated with the above excluded circumstances shall be borne by the consumer.

For complete warranty details and customer assistance, please call or visit our website:

Call 1-888-542-2623 (24 hours a day, 365 days a year) and select the appropriate option from the menu, or visit our website at **http://www.lg.com**

Write your warranty information below: _____
Product Registration Information: _____
Model: _____
Serial Number: _____
Date of Purchase: _____

LG
Life's Good

FRANÇAIS

MANUEL DU PROPRIÉTAIRE

RÉFRIGÉRATEUR À PORTE-FENÊTRE

Veuillez lire ce manuel attentivement avant l'utilisation et conservez-le pour référence en tout temps.

LUPXS3186N
LUPXC2386N

P/No. : MFL68302707

www.lg.com

FRANÇAIS

TABLE DES MATIÈRES

3 CARACTÉRISTIQUES DU PRODUIT

4 CONSIGNES IMPORTANTES DE SÉCURITÉ

7 COMPOSANTS

7 Extérieur du réfrigérateur
8 Intérieur du réfrigérateur

9 INSTALLATION

9 Vue d'ensemble de l'installation
10 Spécifications
11 Déballage de votre réfrigérateur
11 Choisir le bon emplacement
11 - Mise au sol
12 - Température ambiante
12 - Mesure des espaces
12 Enlèvement/Montage des portes
17 Connexion de la canalisation d'eau
17 - Avant de commencer
18 - Pression de l'eau
18 - Ce dont vous aurez besoin
19 - Instructions d'installation de la ligne d'eau
20 Mise en marche
21 Nivellement
21 Alignement de la porte
21 - Ajustement de la hauteur de la porte

22 MODE D'EMPLOI

22 Avant l'utilisation
23 Affichage Éclipse
23 - Fonctionnalités de l'affichage Éclipse
25 -Utilisation de l'affichage intérieur
26 Fonctions intelligentes
31 Utilisation du bac à glaçons
31 - Détachement du bac à glaçons
31 - Montage du bac à glaçons
32 Machine à glaçons automatique
34 Distributeur de glaçons et d'eau
35 Stockage des aliments
35 - Lieu de conservation des aliments
36 - Conseils pour le stockage des aliments
36 - Stockage d'aliments congelés
37 Réglage des étagères du réfrigérateur
37 - Détachement de l'étagère
37 - Montage de l'étagère
38 - Précautions à prendre lors de la fermeture de la porte
38 Garde-manger CustomChill™
38 - Paramétrage du garde-manger CustomChill™
39 Compartiment de bac à légumes
39 - Retrait du compartiment de bac à légumes
39 - Assemblage des compartiments de bac à légumes
40 - Retrait de la boîte de support du compartiment
40 - Assemblage de la boîte de support du compartiment de bac à légumes
41 Removing the CustomChill™ Pantry Insert
41 Conteneur en acier FRESH
41 InstaView™Door-in-Door®
42 Balconnet EasyLift
42 Tiroir du congélateur
42 - Retrait des tiroirs du congélateur
46 - Assemblage du tiroir du congélateur
46 - Enlever le support du tiroir
44 - Monter le support du tiroir
44 Balconnets du réfrigérateur/congélateur

46 ENTRETIEN

46 Nettoyage
47 Remplacement du filtre à air
48 Remplacement du filtre à eau

52 SMART DIAGNOSIS

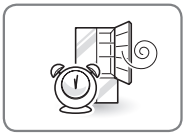
52 Utilisation de Smart Diagnosis™

53 DÉPANNAGE

64 GARANTIE

CARACTÉRISTIQUES DU PRODUIT

Selon le modèle, certaines des fonctions suivantes pourraient ne pas être disponibles.

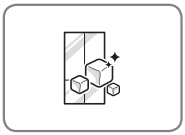


ALARME DE PORTE

La fonction d'alarme de porte est conçue pour empêcher tout dysfonctionnement réfrigérateur qui pourrait se produire si une porte du réfrigérateur ou un tiroir du congélateur restaient ouverts. Si une porte ou un tiroir du réfrigérateur sont laissés ouverts pendant plus de 60 secondes, un signal sonore d'avertissement retentit par intervalles de 30 secondes.

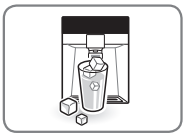
CHARNIÈRES À FERMETURE AUTOMATIQUE

Une simple poussée et les portes du réfrigérateur se ferment automatiquement. (Les portes ne se ferment automatiquement que lorsqu'elles sont ouvertes à un angle inférieur à 30°.)



GLACE PLUS

La production de glace peut être augmentée d'environ 20 pour cent lorsque la section du congélateur est maintenue à la température la plus froide pour une période de 24 heures.

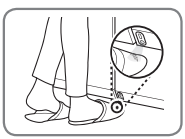


EAU FILTRÉE ET DISTRIBUTEUR À GLAÇONS

Le distributeur d'eau fournit de l'eau fraîche et glacée.
Le distributeur de glaçons fournit des glaçons et de la glace pilée.

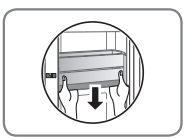
InstaView™Door-in-Door®

Jetez un coup d'œil pour vérifier si vous avez suffisamment de moutarde ou des boissons gazeuses fraîches sans ouvrir la porte et en évitant que l'air ne s'échappe.



PORTE À OUVERTURE AUTOMATIQUE

Lorsque vous avez de l'épicerie plein les mains, ouvrez la porte du réfrigérateur automatiquement en plaçant un pied près du capteur de porte automatique.



RAILS DE COMPARTIMENT À REPLI

Utilisez les barres métalliques sur le compartiment DID comme diviseurs de compartiment ou comme rails pour conserver les grands articles en place.

CONSIGNES IMPORTANTES DE SÉCURITÉ

LIRE TOUTES LES INSTRUCTIONS AVANT D'UTILISER L'APPAREIL.

Ce guide contient de nombreux messages de sécurité importants. Toujours lire et suivre tous les messages de sécurité.

Ceci est le symbole d'alerte de sécurité. Il vous alerte de messages de sécurité qui vous informent de dangers qui peuvent vous tuer ou vous blesser, blesser autrui ou causer des dommages au produit.

Tous les messages de sécurité seront précédés par le symbole d'alerte de sécurité et par le mot AVERTISSEMENT OU ATTENTION. Ces mots signifient :

AVERTISSEMENT Vous pouvez être tué ou gravement blessé si vous ne suivez pas ces instructions.

ATTENTION Indique une situation extrêmement dangereuse qui, si elle n'est pas évitée, peut entraîner des blessures mineures ou modérées, ou endommager le produit.

AVERTISSEMENT

Pour réduire le risque d'incendie, d'électrocution ou de blessures lors de l'utilisation de votre produit, des préATTENTIONs de base devraient être prises, y compris les suivantes:

Alimentation

- NE JAMAIS débrancher le réfrigérateur en tirant sur le cordon d'alimentation. Toujours tenir fermement la fiche et la retirer de la prise.
- Si le cordon d'alimentation est abîmé, il doit être remplacé par le fabriquant, par son service après-vente ou par une personne également qualifiée afin d'éviter tout danger. Ne pas utiliser un cordon qui présente des fissures ou des traces de frottement sur sa longueur ou à l'extrémité de la fiche ou du connecteur.
- Ne pas utiliser une prise de courant non certifiée.
- Débrancher le cordon d'alimentation immédiatement en cas de panne ou d'orage.
- Brancher dans la prise d'alimentation avec le cordon d'alimentation vers le bas.

Installation

- Contactez un centre de service après-vente agréé avant d'installer ou de déplacer le réfrigérateur.
- Lorsque vous déplacez votre réfrigérateur loin du mur, faites attention de ne pas rouler au-dessus ou endommager le cordon d'alimentation.
- Avant l'utilisation, veillez à brancher ce réfrigérateur à une prise électrique dédiée et mise à la terre de 115 V, 60 Hz, CA uniquement. Il incombe à l'utilisateur de remplacer une prise murale standard à 2-broches avec une prise murale standard à 3 broches.
- N'installez pas le réfrigérateur à un endroit où il risque de tomber.

Utilisation

- NE LAISSEZ PAS les enfants grimper, se tenir debout ou se suspendre aux portes ou aux clayettes du réfrigérateur. Ils pourraient endommager le réfrigérateur et se blesser gravement.
- Ne placez pas d'objets lourds sur le distributeur du réfrigérateur et ne vous y suspendez pas.
- Ne pas placer d'objets lourds ou dangereux (bouteilles de liquide) sur le réfrigérateur.
- Ne pas mettre d'animaux vivants à l'intérieur du réfrigérateur.
- Ne pas laisser les enfants monter dans le produit lorsqu'il est en cours d'utilisation.
- En cas de fuite de gaz (propane, GPL), aérez suffisamment la pièce et contactez un centre de service après-vente agréé avant de reprendre l'utilisation. Ne pas toucher ni démonter la prise électrique du réfrigérateur.
- Dans le cas d'une fuite de fluide réfrigérant, déplacer les objets inflammables loin du réfrigérateur. Aérez suffisamment la pièce et contactez un centre de service après-vente agréé.
- Ne pas utiliser ni mettre des substances inflammables (produits chimiques, médicaments, cosmétiques, etc.) près du réfrigérateur et ne pas les stocker à l'intérieur du réfrigérateur. Ne pas placer le réfrigérateur à proximité de gaz inflammables.
- Ne remplissez pas trop les balconnets et ne serrez pas trop les aliments dedans. Vous risquez sinon d'endommager le balconnet ou de vous blesser si les aliments sont retirés avec force.

LIRE TOUTES LES INSTRUCTIONS AVANT D'UTILISER L'APPAREIL.

Pour réduire le risque d'incendie, d'électrocution ou de blessures lors de l'utilisation de votre produit, des préATTENTIONs de base devraient être prises, y compris les suivantes:

- Ne frappez pas le panneau de la porte en verre avec une force excessive. Ne frappez pas des objets tels que des ustensiles de cuisine ou des bouteilles en verre sur le panneau de la porte en verre. Le verre pourrait se briser provoquant un risque de blessure ou de dommage à l'appareil.
- N'utilisez pas ce réfrigérateur à des fins spécifiques telles que stockage de médicaments ou de matériaux d'essai, utilisation sur un bateau, etc.
- Débrancher le cordon d'alimentation avant de nettoyer ou de réparer le réfrigérateur.
- Lorsque vous remplacez l'ampoule dans le réfrigérateur, débranchez le réfrigérateur ou éteignez l'appareil.
- Ne pas modifier ou étendre le cordon d'alimentation.
- Ne pas utiliser de séchoir pour sécher l'intérieur. Ne pas allumer une bougie pour enlever l'odeur à l'intérieur.
- Pour votre sécurité, cet appareil doit être correctement mis à la terre. Faites vérifier la prise murale et le circuit électrique par un électricien qualifié pour vous assurer que la prise est correctement mise à la terre.
- Ne pas utiliser une prise qui puisse être éteinte avec un interrupteur. Ne pas utiliser de rallonge. Il incombe à l'utilisateur de remplacer une prise murale standard à 2-broches avec une prise murale standard à 3 broches.
- Ne pas couper ou enlever la troisième broche (terre) du cordon d'alimentation, en aucune circonstance.
- Ne pas utiliser une prise d'adaptateur et brancher le cordon d'alimentation à une rallonge multi-prise.
- Débranchez immédiatement le cordon d'alimentation si vous entendez un bruit curieux, sentez une odeur étrange ou détectez de la fumée en provenance du réfrigérateur.
- Couper l'alimentation si de l'eau ou de la poussière pénètre dans le réfrigérateur. Appeler un agent de service.
- Ne pas démonter ou modifier le réfrigérateur.
- Ne pas mettre les mains, les pieds ou des objets métalliques en-dessous ou derrière le réfrigérateur.
- Ne pas faire fonctionner le réfrigérateur ni toucher le cordon d'alimentation avec les mains mouillées.
- Dans les réfrigérateurs des machines à glaçons automatiques, éviter tout contact avec les pièces mobiles du mécanisme d'éjection ou avec l'élément chauffant qui libère les glaçons. Ne pas placer les doigts ou les mains sur le mécanisme automatique de fabrication de glace tandis que le réfrigérateur est branché
- Pendant la distribution de glace par le distributeur, ne pas utiliser de la céramique de cristal.
- Ne pas toucher les surfaces froides dans le compartiment du congélateur avec les mains mouillées ou humides, quand votre réfrigérateur est en marche.
- Ne pas mettre de récipients en verre, de bouteilles en verre ou de sodas dans le congélateur.
- Cet appareil n'est pas destiné à être utilisé par des personnes (enfants compris) avec des capacités physiques, sensorielles ou mentales limitées, ou un manque d'expérience et de connaissances, à moins qu'elles n'aient été encadrées ou aient reçu des instructions concernant l'utilisation de l'appareil par une personne responsable de leur sécurité.
- Ne recongelez pas des aliments complètement décongelés. Vous risqueriez de graves problèmes de santé.
- Si vous vous débarrassez de votre vieux réfrigérateur, assurez-vous que le liquide de refroidissement CFC soit retiré pour une élimination appropriée par un réparateur qualifié. Si vous versez du réfrigérant CFC, vous pouvez être condamné à une amende ou à l'emprisonnement en conformité avec la législation pertinente sur l'environnement.
- Les réfrigérateurs jetés ou abandonnés sont dangereux, même s'ils sont déposés pour seulement quelques jours. Lors de l'élimination du réfrigérateur, retirer les matériaux d'emballage de la porte ou décoller les portes, mais laisser les étagères en place afin que les enfants ne puissent pas y pénétrer facilement.
- En cas de branchement sur un circuit protégé par des fusibles, utilisez un fusible temporisé.

⚠ AVERTISSEMENT

Ce produit contient des produits chimiques pouvant, d'après l'État de Californie, causer le cancer ou des malformations congénitales ou autres troubles de la reproduction. ***Lavez-vous les mains après usage.***

LIRE TOUTES LES INSTRUCTIONS AVANT D'UTILISER L'APPAREIL.

Pour réduire le risque d'incendie, d'électrocution ou de blessures lors de l'utilisation de votre produit, des préATTENTIONs de base devraient être prises, y compris les suivantes:

⚠ ATTENTION

Installation

- Le réfrigérateur doit être installé conformément aux instructions d'installation qui ont été collées à l'avant du réfrigérateur.
- Soyez prudent lorsque vous déballez et installez le réfrigérateur. Débarrassez-vous immédiatement des emballages (en plastique ou autres) pour qu'ils soient hors de portée des enfants.
- L'appareil doit être placé de sorte à pouvoir accéder facilement à la prise murale.

Utilisation

- Fermer soigneusement la porte lorsque les enfants sont à proximité.
- Éloignez vos doigts des zones de coincement; les espaces entre les portes et les armoires sont inévitablement réduits. Faites attention lorsque vous fermez les portes et que des enfants sont à proximité.
- Veillez à ranger soigneusement les aliments afin qu'ils ne puissent pas tomber et provoquer des blessures.
- Ne pas utiliser d'aérosols à proximité du réfrigérateur.
- Éviter de poser des objets sur le réfrigérateur.

Entretien

- Ne pas utiliser de détergents puissants comme de la cire ou des diluants de nettoyage. Nettoyez avec un chiffon doux.
- Nettoyez régulièrement les corps étrangers (tels que poussière et eau) sur les broches de la fiche d'alimentation et les zones de contact.
- N'essayez pas d'entreposer, de démonter ou de réparer le réfrigérateur vous-même.
- Retirer la poussière et les corps étrangers des broches.
- Utiliser un chiffon sec pour nettoyer la fiche d'alimentation.
- Si le réfrigérateur est débranché, attendez cinq minutes au moins avant de le rebrancher.
- Si vous remarquez une odeur de produit chimique, de plastique brûlé ou que vous voyez de la fumée, débranchez immédiatement le réfrigérateur et contactez votre service après-vente LG Electronics.

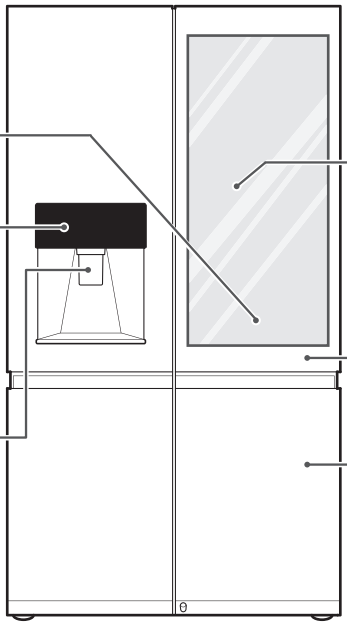
CONSERVEZ CES INSTRUCTIONS

COMPOSANTS

Utilisez cette page pour vous familiariser davantage avec les parties et les caractéristiques de votre réfrigérateur.

*L'apparence et les spécifications du produit réel peuvent différer selon le modèle.

Extérieur du réfrigérateur



Affichage Éclipse
Affiche la température cible du réfrigérateur et du congélateur, l'état du filtre à air et de la connexion du réseau.

Panneau de commande
Affiche les fonctions de l'appareil à glaçons et les modes de distribution ainsi que l'état du filtre à eau.

Distributeur d'eau filtrée et de glaçons
Distribue de l'eau purifiée et de la glace.

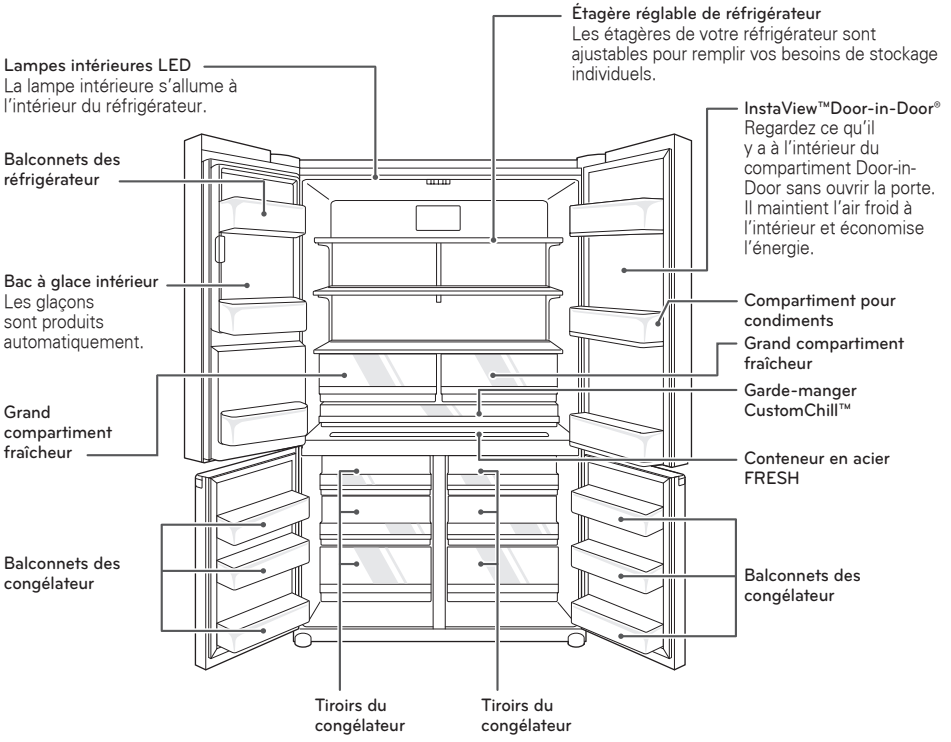
InstaView™ Door-in-Door®

Réfrigérateur
Conserve les aliments.

Congélateur
Congèle les aliments.

FRANÇAIS

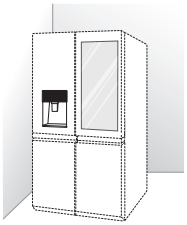
Intérieur du réfrigérateur



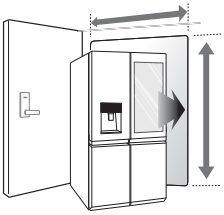
INSTALLATION

Vue d'ensemble de l'installation

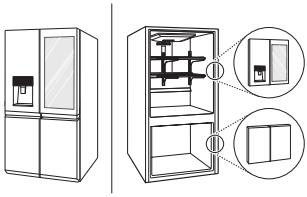
Veuillez d'abord lire les instructions d'installation après l'achat de ce produit ou son transport vers un autre emplacement.



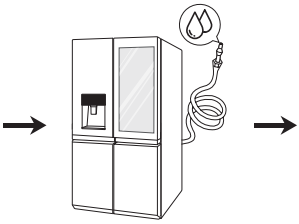
1 Déballez votre réfrigérateur



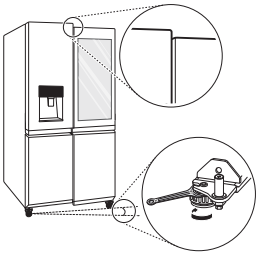
2 Choisissez un emplacement approprié



3 Démontage/Montage



4 Connexion de l'alimentation en eau et de la canalisation d'eau



5 Nivellement et alignement de la porte.

REMARQUE

Seulement connecter à l'alimentation d'eau potable.

Spécifications

L'apparence et les spécifications énumérées dans ce manuel peuvent varier à cause des améliorations constantes du produit.

Modèle de réfrigérateur à congélateur inférieur LUPXS3186N	
Description	Réfrigérateur à porte à deux battants
Exigences électriques	115 VAC @ 60 Hz
Pression de l'eau Min. / Max.	20 - 120 psi (138 - 827 kPa)
Dimensions	35 7/8" (W) X 36 1/2" (D) X 70 1/4" (H), 51 1/8" (D avec porte ouverte) 912 mm (W) X 929 mm (D) X 1784 mm (H), 1298 mm (D avec porte ouverte)
Poids net	483 lb. (219 kg)

Modèle de réfrigérateur à congélateur inférieur LUPXC2386N	
Description	Réfrigérateur à porte à deux battants
Exigences électriques	115 VAC @ 60 Hz
Pression de l'eau Min. / Max.	20 - 120 psi (138 - 827 kPa)
Dimensions	35 7/8"(W) x 29 5/8"(D) x 70 1/4"(H) x 44 3/16"(D avec porte ouverte) 912mm (W) X 754 mm (D) X 1784 mm (H), 1123 mm (D avec porte ouverte)
Poids net	430 lb. (195 kg)

Déballage de votre réfrigérateur

AVERTISSEMENT

- Utiliser deux ou plusieurs personnes pour déplacer et installer le réfrigérateur. Ne pas le faire pourrait provoquer un démembrement, une électrocution, ou une blessure mortelle.
- Votre réfrigérateur est lourd. Lors du déplacement du réfrigérateur pour le nettoyage ou le service, veiller à protéger le plancher. Toujours déplacer le réfrigérateur en position verticale. Ne pas remuer ou faire marcher le réfrigérateur lorsque vous essayez de le déplacer car le plancher pourrait être endommagé.
- Maintenir les produits inflammables et les vapeurs, tels que l'essence, loin du réfrigérateur. L'incapacité à le faire pourrait provoquer un démembrement, une électrocution, ou une blessure. mortelle.

Enlever le ruban adhésif et toute étiquette temporaire de votre réfrigérateur avant de l'utiliser. Ne pas enlever les étiquettes d'avertissement, l'étiquette du numéro de modèle et de série, ou la fiche technique qui est située sous l'avant du réfrigérateur.

Pour supprimer toute bande adhésive ou colle restante, frotter la surface vivement avec le pouce. Les résidus de ruban adhésif ou de colle peuvent également être enlevés en frottant une petite quantité de savon à vaisselle liquide sur l'adhésif avec les doigts. Essuyez-les avec de l'eau chaude et séchez.

Ne pas utiliser d'instruments tranchants, d'alcool à friction, de liquides inflammables ou de nettoyants abrasifs pour enlever le ruban adhésif ou de la colle. Ces produits peuvent endommager la surface de votre réfrigérateur.

Les étagères des réfrigérateurs sont installées dans la position de transport. Veuillez réinstaller les étagères selon vos besoins individuels.

Choisir le bon emplacement

- Choisir un emplacement où l'alimentation en eau puisse être facilement connectée pour la machine à glaçons automatique.

REMARQUE

La pression d'eau doit être comprise entre 1,38 et 8,27 bars sur les modèles non équipés d'un filtre à eau et entre 2,76 et 8,27 bars sur les modèles équipés d'un filtre à eau.

- Le réfrigérateur devrait toujours être branché sur sa propre prise individuelle correctement mise à la terre, d'une valeur nominale de 115 Volts, 60 Hz, C.A. uniquement, et fusionnée à 15 ou 20 ampères. Cela offre les meilleures performances et évite de surcharger les circuits électriques qui pourraient provoquer un incendie par surchauffe des fils. Il est recommandé de prévoir un circuit distinct pour alimenter uniquement pour cet appareil.

AVERTISSEMENT

Pour réduire le risque de choc électrique, ne pas installer le réfrigérateur dans un endroit mouillé ou humide.

Mise au sol

Pour éviter le bruit et les vibrations, l'appareil doit être mis à niveau et installé sur un plancher stable. Si nécessaire, ajuster les pieds de nivellement pour compenser les inégalités du sol. La face avant devrait être légèrement plus élevée que l'arrière pour faciliter la fermeture de la porte. Les pieds de nivellement peuvent être facilement tournés en inclinant légèrement le boîtier. Tourner les pieds de nivellement vers la droite pour soulever l'unité ou vers la gauche pour l'abaisser. (Voir Nivellement et alignement des portes.)

REMARQUE

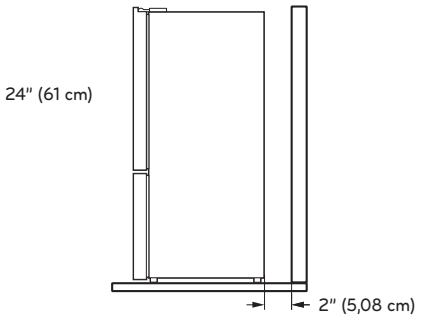
L'installation sur des tapis, des surfaces molles, une plate-forme ou une structure faiblement soutenue.

Température ambiante

Installez cet appareil dans un endroit où la température est comprise entre 55°F (13°C) et 110°F (43°C). Si la température autour de l'appareil est trop basse ou trop élevée, la capacité de refroidissement peut être affectée.

Mesure des espaces

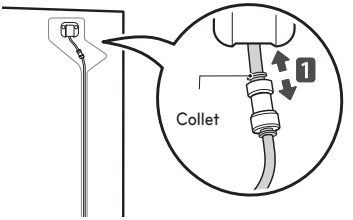
Une distance trop réduite des éléments adjacents peut réduire a capacité de congélation et augmenter les charges de consommation d'électricité . Laisser au moins 24 pouces (61cm) à l'avant du réfrigérateur pour ouvrir les portes et au moins 2 pouces (5,08 cm) entre l'arrière du réfrigérateur et le mur.



Enlèvement/Montage des portes

Enlèvement de la porte gauche du réfrigérateur

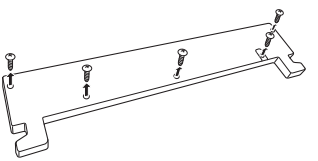
1 La prise d'eau est connectée à la partie supérieure droite de la surface arrière du réfrigérateur. Enlever l'anneau de la zone du joint. Tenez la prise d'eau et poussez doucement le Collet pour détacher la ligne d'approvisionnement comme figuré en 1 .



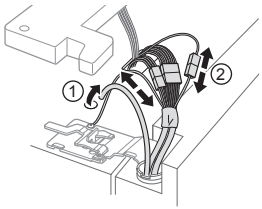
REMARQUE

Le détachement de la ligne d'alimentation en eau est applicable uniquement lors du détachement de la porte gauche du réfrigérateur.

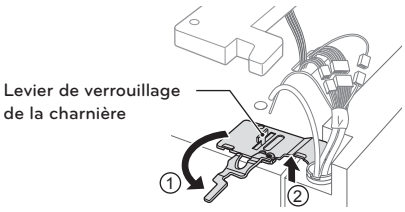
2 Retirez les vis de la charnière du couvercle sur le réfrigérateur. Soulevez le crochet (non visible), situé sur le côté du couvercle au coin inférieur avec un tournevis à tête plate.



3 Retirez le couvercle et le tube 1. Déconnectez tous les faisceaux de câbles 2.



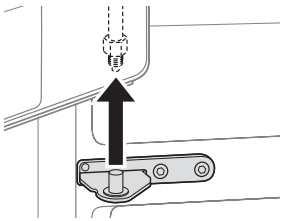
4 Faire pivoter le levier de la charnière dans le sens antihoraire 1. Soulevez la charnière supérieure 2 du levier de verrouillage de la charnière.



ATTENTION

Lorsque vous soulevez la charnière du verrou, veuillez à ce que la porte ne tombe pas vers l'avant.

5 Soulevez la porte de l'axe central de la charnière et enlevez la porte.

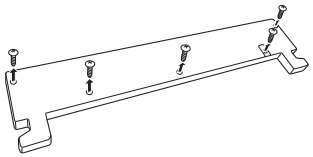


ATTENTION

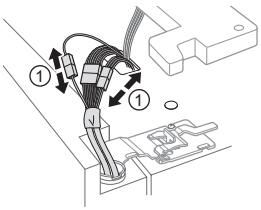
Placez la porte, côté intérieur vers le haut sur une surface anti-éraflure.

Retrait de la porte du côté droit du réfrigérateur

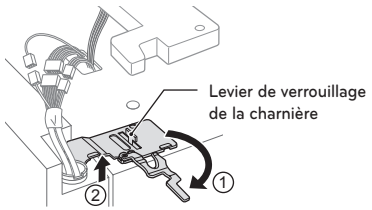
1 Retirez les vis de la charnière du couvercle sur le réfrigérateur. Soulevez le crochet (non visible), situé sur le côté du couvercle au coin inférieur avec un tournevis à tête plate.



2 Détachez le faisceau de câble 1.



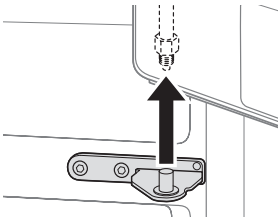
3 Faites pivoter le levier de la charnière dans le sens horaire 1. Soulevez la charnière supérieure 2 du levier de verrouillage de la charnière.



ATTENTION

Lorsque vous soulevez la charnière du levier de verrouillage de la charnière, veillez à ce que la porte ne tombe pas vers l'avant.

4 Soulevez la porte de l'axe central de la charnière et enlevez la porte.

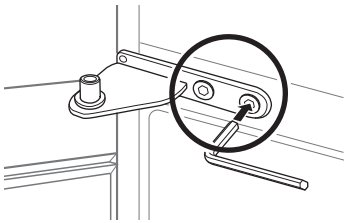


ATTENTION

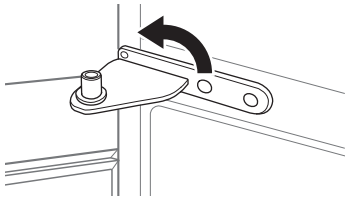
Placez la porte, côté intérieur vers le haut sur une surface anti-éraflure.

Retrait des portes du congélateur

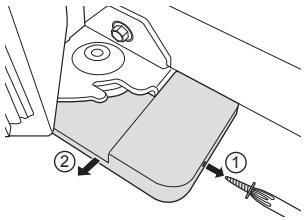
1 Retirez les deux vis de charnière.



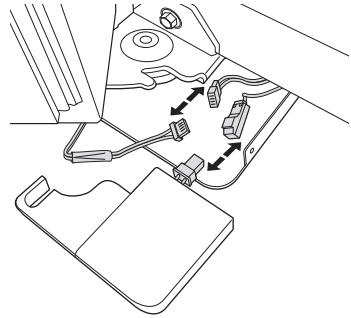
2 Tournez la charnière pour soulever l'extrémité pivotante afin que la porte puisse être soulevée. Soulevez la porte de l'axe de la charnière inférieure et retirez la porte.



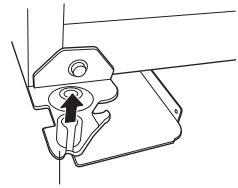
3 Dévissez la vis qui fixe le couvercle de la charnière inférieure et retirez le couvercle.



4 Déconnectez tous les faisceaux de câble.



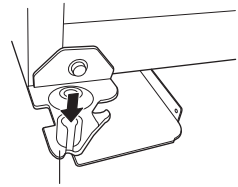
5 Retirez la porte en la soulevant de l'axe de la charnière inférieure.



Charnière inférieure

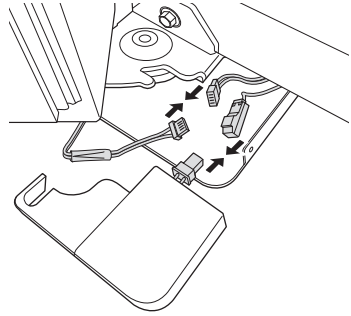
Assemblage des portes du congélateur

1 Abaissez la porte dans l'axe de la charnière inférieure.

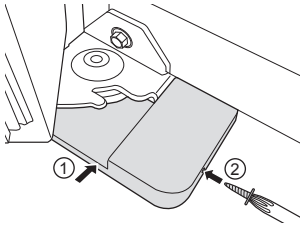


Charnière inférieure

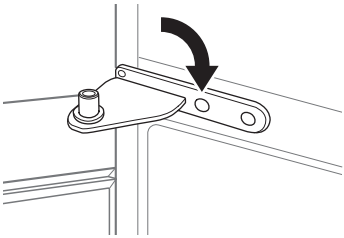
2 Connectez tous les faisceaux de câble.



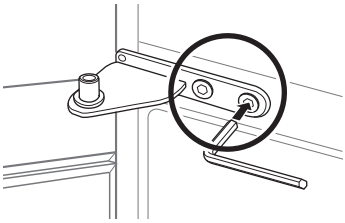
3 3 Positionnez le couvercle de la charnière inférieure en place 1 et serrez la vis du couvercle 2.



4 Positionnez l'axe de la charnière centrale de sorte à soutenir la porte et insérez les deux vis de charnière.



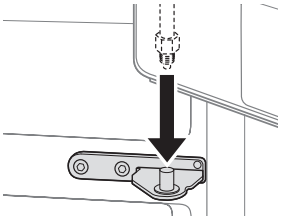
5 Vissez les deux vis de charnière.



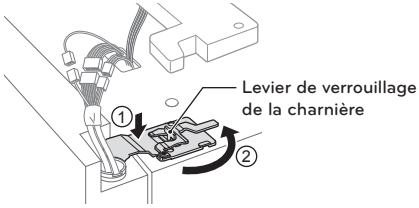
Assemblage de la porte du côté droit du réfrigérateur

Installez tout d'abord la porte du côté droit du réfrigérateur.

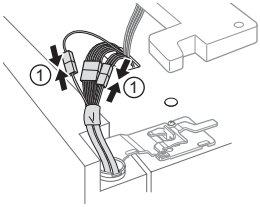
1 Assurez-vous que le manchon en plastique est inséré dans la partie inférieure de la porte. Abaissez la porte sur l'axe central de la charnière du milieu tel qu'illustré sur la figure.



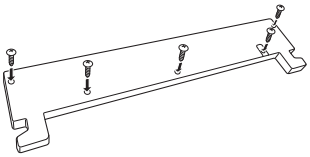
2 Ajustez la charnière 1 sur le levier de verrouillage de la charnière et positionnez-la en place. Faites pivoter le levier 2 dans le sens antihoraire pour fixer la charnière.



3 Connectez les faisceaux de câble 1.



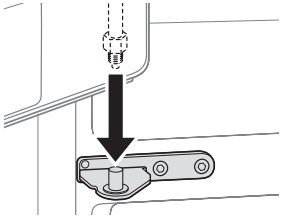
4 Positionnez le couvercle en place. Insérez et serrez les vis du couvercle.



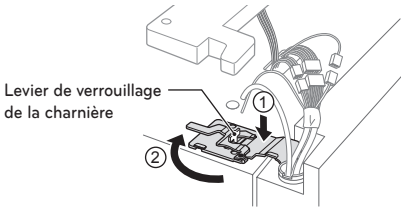
Assemblage de la porte du côté gauche du réfrigérateur

Installez la porte du côté gauche du réfrigérateur après que la porte de droite soit installée.

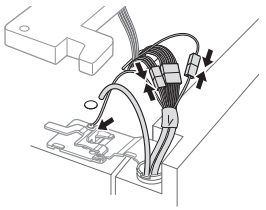
1 Assurez-vous que le manchon en plastique est inséré dans la partie inférieure de la porte. Installez la porte du réfrigérateur sur l'axe central de la charnière.



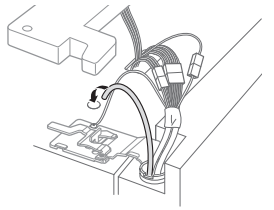
2 Ajustez la charnière **1** sur le levier de verrouillage de la charnière et positionnez-la en place. Faites pivoter le levier dans le sens horaire **2** et ajustez la charnière.



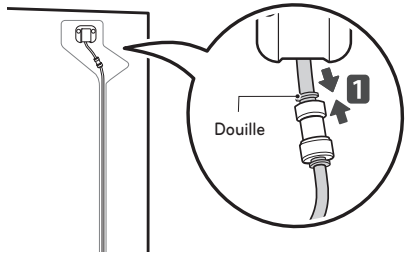
3 Connectez tous les faisceaux de câble.



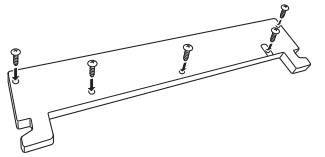
4 Poussez le tube d'approvisionnement en eau dans le trou sur le dessus du boîtier et tirez à travers la plaque arrière.



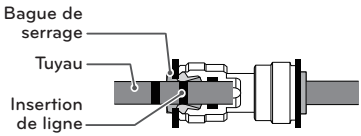
5 Maintenez la connexion d'approvisionnement en eau et poussez délicatement dans la douille pour connecter la ligne d'approvisionnement en eau tel qu'illustré en **1**. Insérez le tube au moins à 5/8 po (15 mm) dans le connecteur.



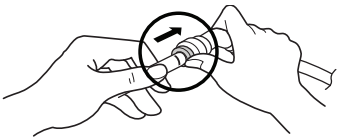
6 Positionnez le couvercle en place. Insérez et serrez les vis du couvercle.



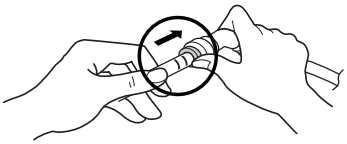
REMARQUE



1) Insérez doucement le tuyau jusqu'à ce qu'il ne reste plus qu'un seul trait de graduation visible.



(Correcte)



(Incorrecte)

2) Tirer sur le tube pour s'assurer que le tube soit bien serré.

Connexion de la canalisation d'eau

Avant de commencer

Cette installation de canalisation d'eau n'est pas couverte par la garantie du réfrigérateur. Suivez attentivement ces instructions afin de minimiser le risque de dégâts d'eau coûteux.

Le martellement de l'eau (eau frappant dans les tuyaux) dans la tuyauterie de la maison peut causer des dommages aux pièces de votre réfrigérateur et peut provoquer des fuites ou des inondations. Contactez un plombier qualifié pour corriger le martellement de l'eau avant d'installer la ligne l'alimentation d'eau sur le réfrigérateur.

ATTENTION

Pour éviter les brûlures et les dommages au produit, ne relier la ligne d'eau du réfrigérateur qu'à une prise d'eau froide.

Si vous voulez utiliser votre réfrigérateur avant d'avoir raccordé la conduite d'eau, assurez-vous que l'interrupteur de la fabrique de glace sur le panneau de commandes est en position d'arrêt.

ATTENTION

Ne pas installer les tuyaux de la machine à glaçons dans les zones où la température descend en dessous de zéro.

Pression de l'eau

La pression d'eau doit être comprise entre 1,38 et 8,27 bars sur les modèles non équipés d'un filtre à eau et entre 2,76 et 8,27 bars sur les modèles équipés d'un filtre à eau.

Si un système de filtration d'eau par osmose inverse est connecté à votre alimentation d'eau froide, cette installation de canalisation d'eau n'est pas couverte par la garantie du réfrigérateur. Respectez attentivement les instructions pour minimiser le risque de dégâts des eaux onéreux.

Si un système de filtration d'eau par osmose inverse est connecté à votre alimentation en eau froide, la pression d'eau au niveau du système par osmose inverse doit être comprise au minimum entre 2,76 et 4,14 bars (40~60 psi), soit moins de 2 à 3 secondes pour remplir une tasse de 20 cl.

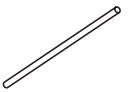
> ⚠ ATTENTION
>
> Porter des lunettes de protection lors de l'installation pour éviter les blessures.

Si la pression d'eau depuis le système par osmose inverse est inférieure à 1,38 bar (20 psi), soit plus de 4 secondes pour remplir une tasse de 20 cl, procédez comme suit.

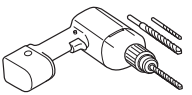
- Vérifiez pour voir si le filtre à sédiments dans le système d'osmose inverse est bloqué. Remplacez le filtre si nécessaire.
- Laissez le réservoir sur le système par osmose inverse se remplir de nouveau après une utilisation intense.
- Si le problème concernant la pression de l'osmose inverse persiste, appelez un plombier qualifié.
- Toutes les installations doivent être conformes aux exigences du code de plomberie local.

Ce dont vous aurez besoin

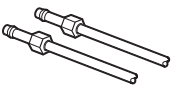
- **Tuyaux en cuivre,** ¼ po. diamètre extérieur, pour relier le réfrigérateur à la prise d'eau. Veillez à ce que les deux extrémités des tuyaux soient coupées au carré.



- Pour déterminer de combien de tuyaux vous avez besoin : mesurez la distance de la vanne d'eau à l'arrière du réfrigérateur au tuyau d'alimentation d'eau. Ensuite, ajoutez 8 pieds (2,4m). Assurez-vous que vous disposez de suffisamment de tuyaux supplémentaires (environ 8 pieds [2,4 m] enroulés en 3 tours d'environ 10 po. [25 cm] diamètre) pour permettre au réfrigérateur d'être retiré du mur après l'installation.
- **Perceuse électrique.**
- **Clef ajustable ou clef de ½"**

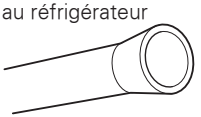


- **Tournevis à lame plate et pour vis cruciformes.**

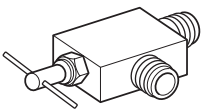


- **Deux boulons de compression de diamètre extérieur ¼ " et 2 ferrules (mancheons)** pour connecter le tube en cuivre à la vanne d'arrêt et à la vanne d'eau du réfrigérateur.

- Si votre canalisation en cuivre existante a un raccord évasé à l'extrémité, vous aurez besoin d'un adaptateur (disponible dans les magasins de fournitures de plomberie) pour connecter la ligne d'eau au réfrigérateur OU BIEN vous pouvez couper la coupe évasée avec un découpeur de tube et puis utiliser un raccord de compression.



- Connecter **la vanne d'arrêt** à la ligne d'eau froide. La vanne d'arrêt doit avoir une prise d'eau avec un diamètre intérieur minimal de 5/32 po. au point de connexion à la LIGNE D'EAU FROIDE. Les vannes d'arrêt à étrier sont comprises dans beaucoup de kits d'approvisionnement d'eau. Avant de l'acheter, assurez-vous qu'une vanne à étrier est conforme aux codes de plomberie locaux.



> ⓘ REMARQUE
>
> Une vanne d'eau à étrier auto-perceuse ne devrait pas être utilisée.

Instructions d'installation de la ligne d'eau

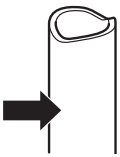
> ⚠ AVERTISSEMENT
>
> Lorsque vous utilisez un appareil électrique (comme une perceuse électrique) lors de l'installation, assurez-vous que le dispositif soit alimenté par batterie, ait une double isolation ou soit mis à la terre d'une manière qui permettra d'éviter le risque de choc électrique.

Installer la vanne d'arrêt sur la fréquence la plus proche en utilisant la ligne d'eau potable.

1 FERMER LA PRISE D'EAU PRINCIPALE

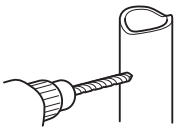
Ouvrir le robinet le plus proche pour soulager la pression sur la ligne.

2 CHOISIR L'EMPLACEMENT DE LA VANNE



Choisir un emplacement pour la vanne qui soit facilement accessible. Il est préférable de la relier sur le côté d'un tuyau d'eau vertical. Lorsqu'il est nécessaire de la relier à un tuyau d'eau horizontal, réalisez la connexion sur le haut ou sur le côté, plutôt que sur le bas, pour éviter de recevoir des sédiments du tuyau d'eau.

3 PERCER LE TROU POUR LA VANNE

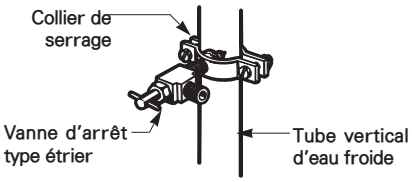


Percer un trou de ¼ " dans le tuyau d'eau en utilisant une pièce pointue. Enlevez toutes les bavures résultant de forage du trou dans le tuyau. Faites attention à ne pas laisser l'eau drainer par le trou. Le défaut de percer un trou de ¼ " peut entraîner une production de glace réduite ou des glaçons plus petits.

> ⓘ REMARQUE
>
> La ligne de raccordement ne peut pas être composée de tubes en plastique blancs. Les plombiers agréés ne doivent utiliser que des tuyaux en cuivre NDA n° 49595 ou 49599 ou des tuyaux en polyéthylène réticulés (PEX).

4 RESSERRER LA VANNE D'ARRÊT

Resserrer la vanne d'arrêt du tuyau d'eau froide avec le collier de serrage

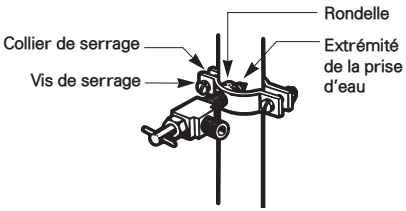


> ⓘ REMARQUE
>
> Les codes de plomberie de la Commonwealth of Massachusetts 248CMR doivent être respectés. L'utilisation de robinets en étrier est illégale au Massachusetts. Consultez votre plombier agréé.

5 RESSERRER LA BRIDE DE SERRAGE

Serrer les vis du jusqu'à ce que la rondelle de fermeture commence à enfler.

REMARQUE : Ne serrez pas la bride excessivement ou vous pourriez écraser le tuyau.



6 DIRIGER LES TUBES

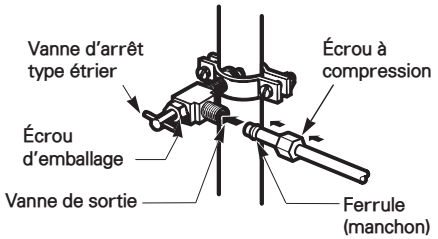
Faire passer le tuyau entre la ligne d'eau froide et le réfrigérateur.

Faire passer le tuyau par un trou percé dans le mur ou le plancher (derrière le réfrigérateur ou armoire de cuisine adjacente), aussi près que possible du mur.

> ⓘ REMARQUE
>
> Assurez-vous qu'il y ait assez de tuyaux supplémentaires (environ 8 pieds enroulés en 3 tours d'environ 10 cm de diamètre) pour permettre de décoller le réfrigérateur du mur après son installation.

7 RELIER LE TUBE À LA VANNE

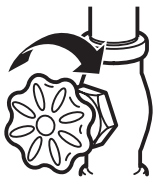
Placer un écrou de compression et une bague (manchon) pour le tube de cuivre à l'extrémité de la tuyau et le connecter à la vanne d'arrêt. Veiller à ce que le tuyau soit entièrement inséré dans la vanne. Serrer l'écrou à compression.



8 RINCER LES TUBES

Ouvrir la prise d'eau principale et rincer le tuyau jusqu'à ce que l'eau soit claire.

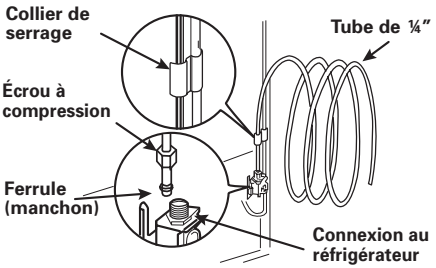
Fermer le robinet d'eau après qu'environ un quart de l'eau ait été rincée à travers le tuyau.



9 BRANCHER LE TUYAU AU RÉFRIGÉRATEUR

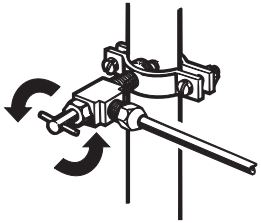
REMARQUE : Avant de faire la connexion au réfrigérateur, assurez-vous que le cordon d'alimentation électrique ne soit pas branché dans la prise murale.

a. Enlever le capuchon flexible en plastique de la vanne d'eau.
b. Placer l'écrou à compression et la bague (manchon) à l'extrémité du tuyau comme indiqué.
c. Insérer l'extrémité du tuyau de cuivre dans la connexion aussi loin que possible. En tenant le tuyau, serrez la fixation.



10 FERMER L'EAU À LA VANNE D'ARRÊT

Serrer tous les raccords qui fuient.



⚠ ATTENTION

Vérifier pour voir si des fuites se produisent sur les connexions de la ligne d'eau.

11 BRANCHER LE RÉFRIGÉRATEUR

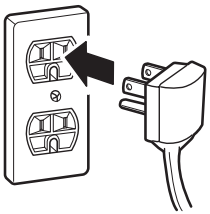
Disposer la bobine de tuyaux de sorte qu'elle ne vibre pas contre l'arrière du réfrigérateur ou contre le mur. Poussez le réfrigérateur contre le mur.

12 DÉMARRER LA MACHINE À GLAÇONS

Placer l'interrupteur de la machine à glaçons sur la position **MARCHE**. La machine à glaçons ne commence à fonctionner que lorsqu'elle a atteint sa température de fonctionnement de 15 °F (-9 °C) ou une température inférieure. Elle commencera à fonctionner automatiquement si l'interrupteur de la machine à glaçons est sur la position **MARCHE (I)**.

Mise en marche

1 Brancher le réfrigérateur.



⚠ ATTENTION

- Connectez-vous à une sortie de puissance nominale.
- Demandez à un électricien certifié de vérifier la prise murale et que le câblage soit correctement mis à la terre.
- Ne pas endommager ni couper la borne de terre de la prise de courant.