

OWNER'S MANUAL

SIDE BY SIDE REFRIGERATOR

**Read this owner's manual thoroughly before operating the appliance
and keep it handy for reference at all times.**

LS65SXP	LS65SDPX	LS74SXS
LS65SDP1	LS65SPPX	LS74SDT
LS74SGP	LS74SDN	LS65SDT1
LS74SDPX	LS74SXSX	LS64SXP
LS65SXTX	LS74SXP	GS65SDPK
LS65SXNX	LS74SDP	



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PRODUCT FEATURES

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

FILTERED WATER AND ICE DISPENSER

The water dispenser dispenses fresh, chilled water.

The ice dispenser dispenses cubed and crushed ice.

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.

DOOR-IN-DOOR REFRESHMENT CENTER

The Door-in-Door Refreshment Center provides a convenient area for frequently used items that require easy access.

FRESH ZONE DRAWERS

The Fresh Zone drawers are designed to help keep fruits and vegetables fresh.

AUTO-CLOSING HINGE

The refrigerator doors and freezer drawers 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 is increased when the freezer section is maintained at the coldest temperature for a 24-hour period.

INSTAVIEW

The InstaView function on the Door-in-Door lets you see if you're running low on frequently used items like beverages and snacks, without opening the refrigerator door.

SAFETY INSTRUCTIONS

READ ALL INSTRUCTIONS BEFORE USE

Your safety and the safety of others are very important.

We have provided many important safety messages in this manual and on your appliance. Always read and follow all safety messages.

These words mean:

CAUTION

You may be injured or cause damage to the product if you do not follow instructions.

All safety messages will tell you what the potential hazard is, tell you how to reduce the chance of injury, and tell you what may happen if the instructions are not followed.


This device is intended for use in domestic and similar appliances, such as: kitchen personnel in stores, offices and other work environments; Country houses and by clients in hotels, motels and other residential environments; Bed and breakfast type environments; Hospitality and similar non-commercial applications.

IMPORTANT SAFETY INSTRUCTIONS

WARNING

To reduce the risk of explosion, fire, death, electric shock, scalding or injury to persons when using this product, follow basic precautions, including the following:

INSTALLATION

 **WARNING:** This refrigerator contains a small amount of isobutane refrigerant (R600a), gas Natural with high environmental compatibility, it is also combustible. When the unit is transported and installed, be careful to ensure that no component of the refrigerant circuit is damaged. If he Coolant leaking from the pipe may ignite or cause eye damage. If any leak is detected, avoid contact with flames or potential sources of fire and improve ventilation of the place where Find the refrigerator. In case of detecting a leak in the refrigerant circuit and in order to avoid creation of a flammable gas mixture, the size of the room of the place where the appliance is Localized should depend on the amount of refrigerant used. The place must be 1m² for every 8 grams of refrigerant R600a containing the refrigerator. The amount of refrigerant used in your refrigerator is shown on the specification label located inside. Never connect the device if it shows Any sign of damage, if you have any questions, consult your service center.

- To reduce the risk of injury to persons, adhere to all industry recommended safety procedures including the use of long-sleeved gloves and safety glasses.
- Never attempt to operate this appliance if it is damaged, malfunctioning, partially disassembled, or has missing or broken parts, including a damaged cord or plug.
- The refrigerator should be leveled and on a firm floor.
- Only connect this product to a dedicated grounded electrical outlet rated for use with this product (See **Product Specifications** on page 8). It is the users' responsibility to replace a standard 2-prong wall outlet with a standard 3-prong wall outlet.
- Do not use an outlet that can be turned off with a switch. Do not use an extension cord.
- The appliance must be positioned for easy access to a power source.
- When moving the refrigerator, be careful not to roll over or damage the power cord.
- Contact an authorized service center when installing or relocating the refrigerator.
- Do not, under any circumstances, cut or remove the third (ground) prong from the power cord.
- Avoid using any flame or heat source to access the sealing system when the unit is being charged with refrigerant.

⚠ CAUTION: Risk of Fire or Explosion (Flammable Refrigerant), the refrigerator should only be Repaired by qualified service personnel. Do not drill the cooling pipe. See the manual of user before putting this product into service. All precautions of security.

- This device is not intended for use by persons (including children) whose physical abilities, sensory or mental are different or reduced, or lack experience or knowledge, to unless such persons receive supervision or training for the operation of the device by A person responsible for your safety.
- Children should be supervised to ensure that they do not use the devices as toys.
- If the power cord is damaged, it must be replaced by the manufacturer, its service agent authorized or by qualified personnel in order to avoid danger.
- Keep packing materials out of the reach of children. Packaging material can be dangerous for children. There is a risk of suffocation.
- Do not install the refrigerator in a damp or dusty place where insulation on electrical parts may deteriorate.
- Do not use old, worn or used hoses, just use new ones to make better use and achieve better service. Connect only to the drinking water supply for your safety and health.

⚠ WARNING: Only fill with drinking water.

- Keep ventilation openings in the enclosure of the device or structure free of obstruction to embed.
- Do not use mechanical devices or other means to accelerate the defrosting process, other than those the manufacturer recommends.
- Do not damage the cooling circuit.
- Do not use electrical appliances inside the food storage compartments of the appliance, tounless they are the type recommended by the manufacturer.
- Do not store explosive substances such as aerosol cans with a flammable agent inside it apparatus.
- Do not place the refrigerator in direct sunlight or expose it to the heat from heating appliances such as stoves or heaters.
- Do not bend or pinch the power cord excessively or place heavy objects on it.

⚠ CAUTION: This device is intended for use in domestic and similar applications, such as: kitchen staff areas in stores, offices and other work environments; country houses and by clients in hotels, motels and other residential type environments; bed and breakfast type environments; hospitality and similar non-commercial applications.

- Do not use extensions or adapters without grounding.
- Do not lengthen or modify the power cord length, damaging the power cord could cause you electric shock or damage the device.

OPERATION

- 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.
- 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 allow children to climb into the refrigerator. They could be trapped and suffocated.
- Children should be supervised to ensure that they do not play with the refrigerator.
- Keep fingers out of pinch point areas; clearances between the doors and cabinets are necessarily small. Be careful closing doors when children are nearby.
- Do not touch frozen food or the metal parts in the freezer compartment with wet or damp hands. Doing so may cause frostbite.
- Do not refreeze frozen food that has thawed completely. Doing so may result in a serious health hazard.
- Do not use an adapter plug or plug the power plug into a multi-outlet extension cord.
- Do not use a cord that shows cracks or abrasion damage along its length or at either the plug or connector end. Immediately have all power cords that have become frayed or otherwise damaged repaired or replaced by qualified service personnel.
- Do not operate the refrigerator or touch the power cord with wet hands.
- Do not modify or extend the power cord.

- Do not use an uncertified power outlet. Do not plug appliance into a damaged wall outlet.
- Do not put hands, feet or other objects into the air vents or bottom of the refrigerator. Doing so could result in personal injury or electric shock.
- In the event of a gas leak (propane/LPG), ensure the area is adequately ventilated and contact an authorized service center before resuming use. Do not touch the refrigerator or power cord of the refrigerator.
- Disconnect the power cord immediately and contact an authorized service center if there is a strange noise, odor, or smoke coming from the appliance.
- Do not use any fuse (such as copper, steel wire, etc.) other than a standard fuse.
- Do not place or use an electrical appliance inside the refrigerator, unless it is of a type recommended by the manufacturer.
- Do not put animals inside the appliance.
- Do not place heavy or fragile objects, liquid filled containers, combustible substances, or flammable objects (such as candles and lamps) on the appliance.
- Avoid contact with any moving parts of the ejector mechanism or with the heater that releases the ice cubes. DO NOT place fingers in the automatic icemaker when the refrigerator is plugged in.
- When dispensing ice from the dispenser, do not use a fragile container.
- If connected to a circuit protected by fuses, use time delay fuse.
- Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.

MAINTENANCE

- Do not use a hair dryer to dry the inside of the refrigerator.
- Do not light a candle to remove odors in the refrigerator.
- In the event of a refrigerant leak, move flammable objects away from the refrigerator. Ensure the area is adequately ventilated and contact an authorized service center.
- Keep flammable materials and vapors, such as gasoline, away from the refrigerator.
- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.
- Before installation, clean the refrigerator unplugged. Once done, reconnect the refrigerator and set the control (thermostat, refrigerator or freezer depending on your model) to the desired position.
- Unplug the power plug before cleaning or repairing the refrigerator.
- The refrigerator and freezer compartment lights are interior LED lighting, and service should be performed by a qualified technician.
- Unplug the power plug immediately in the event of a blackout or thunderstorm.
- Turn the power off if water or dust penetrates into the refrigerator. Call a service agent.
- Do not store glass containers or soda in the freezer compartment. Contents may expand when frozen, break the container and cause injury.
- Do not store, disassemble or repair the appliance yourself or allow unqualified personnel to do so.
- This device is not meant for being used by people (including children) Whose physical, sensory or mental capacities are different or reduced, or lack experience or knowledge, unless such persons are supervised or trained to operate the device by a person responsible for their safety.

DISPOSAL

- 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 disposing of a refrigerator, make sure the refrigerant is removed for proper disposal by a qualified servicer. If you release the refrigerant, you may be fined or imprisoned in accordance with the relevant environmental law. If you wish to discard your refrigerator, observe the following **WARNING**.

⚠ WARNING: If you no longer require the use of this unit, contact local authorities to Get rid of this product safely as it uses Cyclopentane or Pentane as flammable gases insulation foam and R600a gas as a refrigerant. The gases of the insulation material and Refrigerant requires a special removal process. This product contains insulating gases and flammable refrigerant.

- If this unit is no longer needed, contact your local authorities for safe disposal of this product because it contains cyclopentane or pentane as gas for insulation. Insulation gases require a special disposal process. This product contains flammable insulation.

GROUNDING INSTRUCTIONS

- Improper connection of the equipment-grounding conductor can result in a risk of electric shock. Check with a qualified electrician or service personnel if you are in doubt whether the appliance is properly grounded. Do not modify the plug provided with the appliance; if it will not fit the outlet, have a proper outlet installed by a qualified electrician.
- If the power cord is damaged, it must be replaced by the manufacturer, its authorized service agent or qualified personnel in order to avoid a hazard.
- Have a certified electrician check the wall outlet and wiring for proper grounding.
- Never unplug the appliance by pulling on the power cord. Always grip the plug firmly and pull straight out from the outlet. Failure to do so may damage the power cord, resulting in a risk of fire and electric shock.
- If the power cord is damaged, it must be replaced by the manufacturer, its service agent authorized or by qualified personnel in order to avoid a danger.

CAUTION

To reduce the risk of minor or moderate injury to persons, malfunction, or damage to the product or property when using this product, follow basic precautions, including the following:

- Do not hang on to or place heavy objects on the refrigerator's dispenser.

INSTALLATION

- Do not install the refrigerator where there may be a danger of the unit falling.
- The refrigerator must be properly installed in accordance with the Installation Instructions.

OPERATION

- Do not use aerosols near the refrigerator.
- This appliance is intended to be used only in domestic and similar applications.
- Do not strike or apply excessive force to any glass surface. Do not touch glass surfaces if they are cracked or broken.
- 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.
- Do not overfill the appliance with food. Doing so may cause personal injury or property damage.
- Do not hang on to or place heavy objects on the refrigerator's dispenser.

MAINTENANCE

- Do not use strong detergents like wax or thinners for cleaning. Clean with a soft cloth.
- Remove foreign objects (such as dust and water) off the prongs of the power plug and contact areas. Do not use a wet or damp cloth when cleaning the plug.
- Do not spray water directly on the inside or outside of the refrigerator.
- Do not clean glass shelves or covers with warm water when they are cold. They may break if exposed to sudden temperature changes.
- Do not use old, worn or used hoses, just use new hoses to make better use and achieve better service. Connect only to the drinking water supply for your safety and health
- Do not use extensions or adapters without grounding.
- Your refrigerator has an LED type lamp, to change it you need to call your Center Service, the change should only be made by qualified personnel. **WARNING:** In case of replacement, The new lamp must be of the same specification as the original. **NOTE:** Before installing, cleaning or replace the lamp, the qualified technician must disconnect the refrigerator. When finished, the technician must reconnect the refrigerator and adjust the temperature controls to the desired position.

SAVE THESE INSTRUCTIONS

PRODUCT SPECIFICATIONS

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

Electrical requirements: 115 V~, 60 Hz (Colombia, Panama, Costa Rica) 127 V~, 60 Hz (Mexico)
220 V~, 50 Hz (Argentina , Chile) 220 V~, 60 Hz (Peru), 230 V~, 50 Hz (Uruguay).

Min. / Max. water pressure: 20 - 120 psi (138 - 827 kPa) on models without water filter.
40 – 120 psi (276 – 827 kPa) on models with filter.

Models 22 cu.ft.				
Models	LS65SXP, LS65SXNX, LS65SXTX,LS64SXP	LS65SDPX, LS65SDP1, LS65SDT1	LS65SPPX	GS65SDPK
Net weight	126	120	115	118

Models 26 cu.ft.			
Models	LS74SXS, LS74SXSX,LS74SXP	LS74SDPX, LS74SDP,LS74SDN, LS74SDT	LS74SGP
Net weight	137	132	127

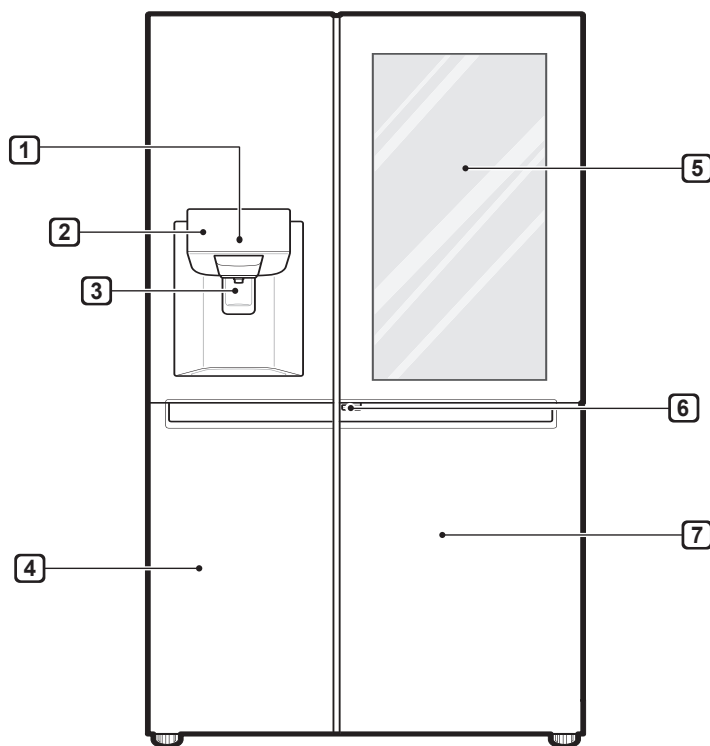
PRODUCT OVERVIEW

The images in this guide may be different from the actual components and accessories, which are subject to change by the manufacturer without prior notice for product improvement purposes.

Note

- Some components shown in this illustration may not be included in your refrigerator, as these vary according to the characteristics of each model.

Exterior



1 Control Panel

Sets the refrigerator and freezer temperatures, the water filter condition and the dispenser mode.

2 LED Display

Displays the refrigerator and freezer temperature, the water filter condition and the dispenser mode.

3 Filtered Water and Ice Dispenser

Dispenses purified water and ice.

4 Freezer

Frozen food compartment

5 InstaView Door-in-Door

The InstaView Door-in-Door compartment allows for easy access to commonly used food items.

6 Door-in-Door Button

Press this button to open the Door-in-Door.

7 Refrigerator

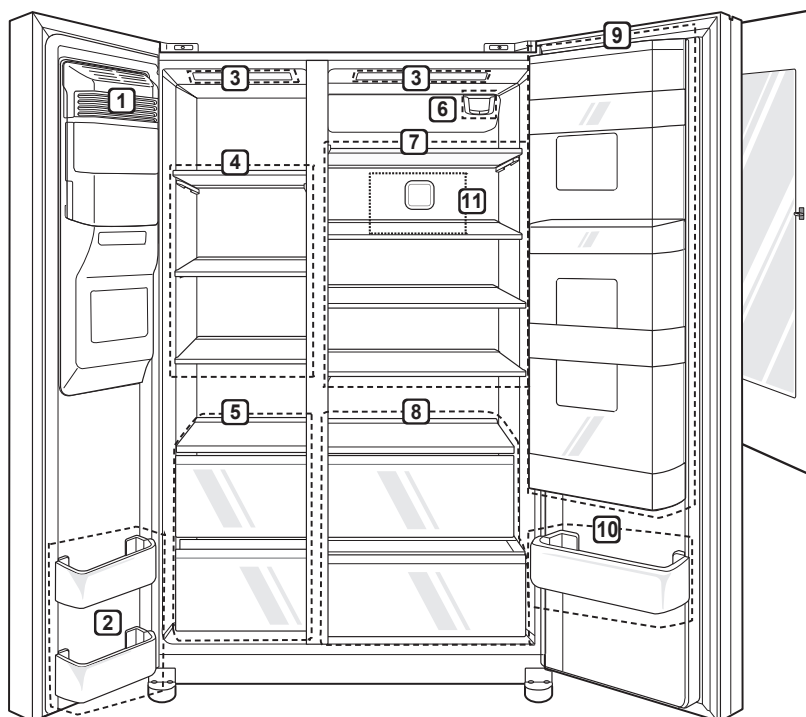
Fresh food compartment

Note

- Parts, functions, and options vary by model. Your model may not include all the Options, appears with a different name and / or different position.

Interior

LS65SXP / LS65SDP1 / LS74SGP / LS74SDPX / LS65SXTX / LS65SXNX / LS65SDPX / LS65SPPX / LS74SDN / LS74SXSX / LS74SXP / LS74SDP / LS74SXS / LS74SDT / LS65SDT1 / LS64SXP / GS65SDPK .



1 Automatic Icemaker

Automatically produce and store ice.

2 Freezer Door Bins

Store small packages of frozen food. Do not store ice cream or food which will be stored for a long period of time within these baskets.

3 LED interior lamps

Light up the inside of the refrigerator.

4 Freezer Shelf

Adjust the freezer shelves to fit large or tall items.

5 Freezer Drawer

Store long-term frozen items. The number of drawers may vary by model.

6 Water filter

Purify water.

7 Refrigerator Shelf

Shelves are adjustable to suit individual storage needs. Adjust the shelf height by emptying and removing the shelf and inserting it on a different set of shelf supports. The number of refrigerator shelves varies by model.

8 Fresh Zone

Storage for deli, fruit, or vegetables.

9 Door-in-Door Case

Open the outer Door-in-Door for easy access to frequently used items without letting a lot of cold air out of the refrigerator.

10 Refrigerator Door Bins

Standard door bins are adjustable to fit taller items.

11 Hygiene Fresh

This function minimizes bacteria and odors inside of the appliance.

Note

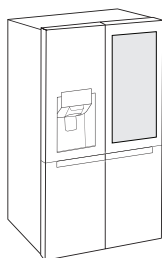
- The filter should be replaced every 6 months. See the Replacing the Water Filter section in this manual for details.
- Parts, functions, and options vary by model. Your model may not include all the Options, appears with a different name and / or different position.

INSTALLATION

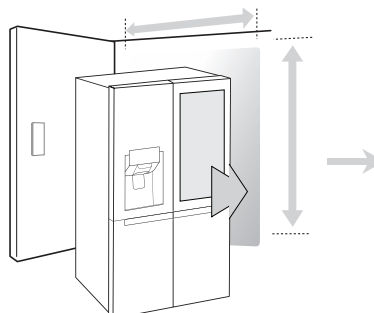
Installation Overview

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

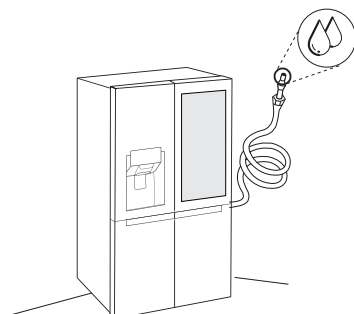
ENGLISH



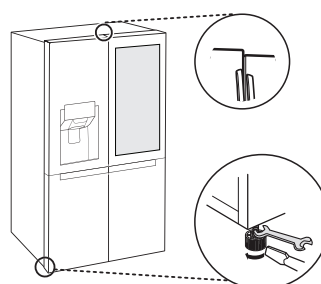
Unpacking the Refrigerator



Choosing the Proper Location



Connecting the Water Line



Leveling and Door Alignment

CAUTION

- Connect to a potable water supply only.

Note

- Parts, functions, and options vary by model. Your model may not include all the Options, appears with a different name and / or different position.

Unpacking the Refrigerator

WARNING

- Use two or more people to move and install the refrigerator. Failure to do so can result in back injury or other injury.
- The refrigerator is heavy. Protect the floor when moving the refrigerator for cleaning or service. 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.

NOTE

- Remove tape and any temporary labels from your refrigerator before using. Do not remove any warning 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.
- Reinstall or adjust shelves as needed. Refrigerator shelves are installed in the shipping position. Reinstall shelves according to your individual storage needs.

Choosing the Proper Location

Water

Water supply must 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. If the refrigerator is installed in an area with low water pressure (below 20 psi or 138 kPa or 1.4 kgf/cm²), you can install a booster pump to compensate for the low pressure.

Electricity

Use an individual, grounded outlet:

- 115 V ~ 60Hz with 15 A fuse
- 127 V ~ 60 Hz with 15 A fuse
- 220 V ~ 50/60 Hz with 10 A fuse
- 230 V ~ 50Hz with 10 A fuse

WARNING

- Don't use existing holes unless they are in the target area. Otherwise, the water supply and drain hose may be damaged by being crushed or kinked.

Flooring

To avoid noise and vibration, the unit must be installed and leveled on a solidly constructed floor. If required, adjust the leveling legs to compensate for the unevenness of the floor.

NOTE

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

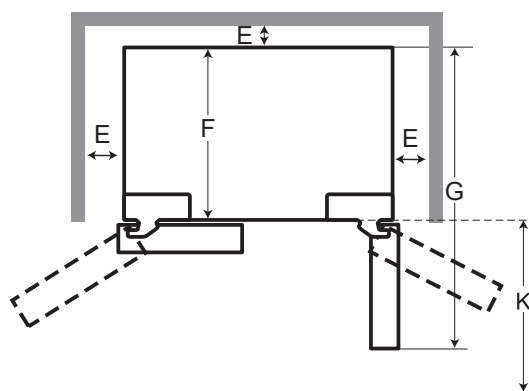
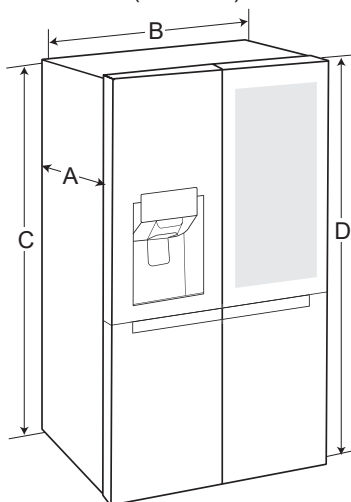
Ambient Temperature

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.

Dimensions and Clearances

- Check the dimensions of the appliance and the installation path to ensure there is sufficient room to move the refrigerator through doors or narrow openings.
- If an opening is too narrow to fit the refrigerator through, remove the refrigerator doors. See Removing/Assembling the Doors and Drawers in this manual.
- The installation location chosen for the refrigerator should allow space behind the unit for connections and airflow and space in front to open the doors and drawers.
- A very small distance between adjacent elements can result in reduced cooling capacity and at high power consumption charges. Leave at least 24 inches (610 mm) in front of the refrigerator to open the doors, and at least 2 inches (50.8 mm) between the refrigerator (rear, left side, right side and top) and the wall.



-	List	Model 26 cu.ft.	Model 22 cu.ft.
A	Depth	33 2/5" (848 mm)	29 2/5" (747 mm)
B	Width	35 9/10" (912 mm)	35 9/10" (912 mm)
C	Height to Top of Case	68 9/10" (1750 mm)	68 9/10" (1750 mm)
D	Height to Top of Hinge	70 3/10" (1785 mm)	70 3/10" (1785 mm)
E	Space Around	2" (50.8 mm)	2" (50.8 mm)
F	Depth without Door	28 7/10" (730 mm)	24 3/5" (624mm)
G	Depth (Total with Door Open 90°)	50 3/5" (1285 mm)	46 1/2" (1180 mm)
K	Front Clearance	24" (610 mm)	24" (610 mm)

Note

- Parts, functions, and options vary by model. Your model may not include all the Options, appears with a different name and / or different position.

Disassembly and replacement of refrigerator doors

⚠ WARNING

Risk of excessive weight:

- Use two or more people to remove and install the refrigerator doors, failure to follow these instructions may result in injuries to the or other parts of the body.

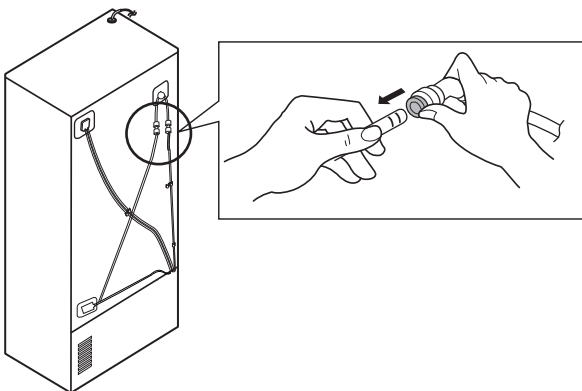
⚠ WARNING

Electrick Shock Hazard:

- Disconnect the electrical supply to the refrigerator before installation. Failure to do so could result in serious unjury or death.
- Do not put hands, feet or other object into the air vents or bottom of the refrigerator. You may be injured or receive an electrical shock.

Disassemble the left refrigerator door

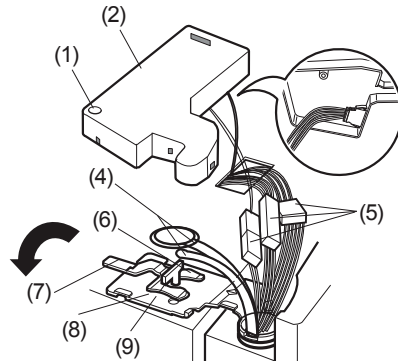
- 1 On the back of the refrigerator, take out the tube of water from the ferrule adapter located on the connector pressing the adapter release ring (see the image below).



⚠ CAUTION

Before you start, take out the food and remove the door trays.

- 2 Open the door. Remove the top hinge cover screw (1).



- 3 Use a flat screwdriver to pry and lift the hooks (not seen in the picture) located in the lower front part of the lid. Lift the lid.

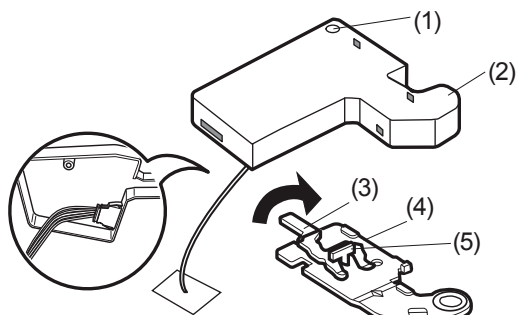
- 4 Remove the cover (2). pull out the tubes (4) .

⚠ CAUTION

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

- 5 Disconnect all wire harnesses (5).
- 6 Remove the grounding screw (6).
- 7 Rotate the hinge lever (7) counterclockwise. Lift the upper hinge (8) free of the hinge lever latch(9).
- 8 Place the door, inside facing up, on a non-scratching surface.

Disassemble the right refrigerator door



1 Open the door. Remove the screw from the cover of the upper hinge (1). Lift the lid (2).

2 Use a flat screwdriver to pry and lift the hooks (not seen in the picture) located in the lower front part of the lid. Lift the lid.

3 Turn the hinge lever (3) in the direction of the clockwise. Lift the upper hinge (4) separate from the lever holder of the hinge (5).

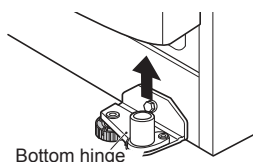
4 Place the door, with the inside facing up, on a surface that does not scratch.

CAUTION

When you lift the hinge apart from the bra, have be careful that the door does not fall forward.

- Lift the door from the hinge pin of the middle and remove the door.
- Place the door, with the inside facing up, on a surface that does not scratch.

- 4 Place the door onto the lower hinge pin.



⚠ Caution

- When lifting the hinge free of the latch, be careful that the door does not fall forward
- Place the door, inside facing up, on a nonscratching surface. Be careful not to damage the water lines.

NOTE

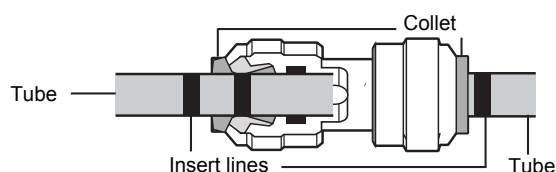
- Do not remove the grease on the surface of the gasket or hinge.
- Do not remove the sensor assembly in the right upper hinge cover.

Assembling the Freezer Door

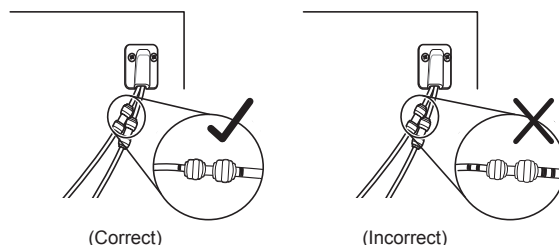
Left Door

- 1 Lower the door over the middle hinge pin.
- 2 Make sure the door is aligned with the interior cabinet.
- 3 Place the top hinge on the bra of the Hinge lever and in place. Turn the lever clockwise and adjust the hinge.

Disassembling / Assembling the Water Lines

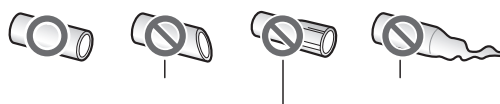


- 4 Gently press the collet and insert the tube until only one line shows on the tube.



NOTE

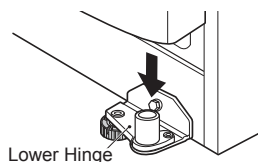
- Water hoses should be cut with a clean, straight edge to avoid leaks.



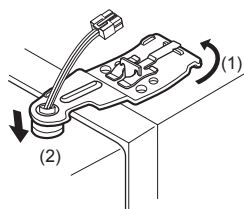
- 5 Fit the top over the hinge lever latch and into place. Rotate the lever clockwise to secure the hinge.
- 6 Install the grounding screw and connect all the wire harnesses.
- 7 Push the water supply tube into the hole from the top of the cabinet and pull it through the back plate.
- 8 Reconnect the water tubes by inserting the tubes into the connectors. The tube is inserted correctly when only one guide line is showing out of two.

Assembling the Refrigerator Door

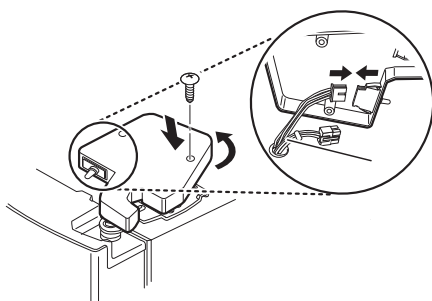
- 1 Place the door onto the lower hinge pin.



- 2 Fit the upper hinge over the hinge lever latch and into place. Rotate the lever counterclockwise to secure the hinge.



- 3 Reconnect all wire harnesses. Hook the tab on the switch side of the cover under the edge of the wire opening in the cabinet top. Position the cover and replace the screw.



Connecting the Water Line

Before Beginning

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

If necessary, call a qualified plumber to correct water hammer before installing the water supply line to the refrigerator. Water banging in the pipes, or water hammer in residential plumbing can cause damage to refrigerator parts and lead to water leakage or flooding.

- Turn the icemaker OFF if the refrigerator will be used before the water line is connected.
- Do not install the icemaker tubing in areas where the ambient temperatures fall below freezing.

! WARNING

- Connect to a potable water supply only.

! CAUTION

- To prevent burns and product damage, only connect the refrigerator water line to a cold water supply.
- Wear eye protection during installation to prevent injury.

Water Pressure

You will need a cold water supply.

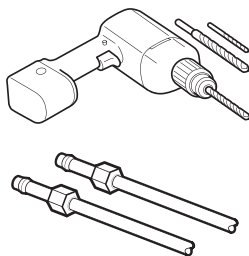
Water Pressure	
models with water filter	20–120 psi (138 - 827 kPa)
where reverse osmosis water filtration system is connected to a cold water supply	40–60 psi minimum to reverse osmosis system (2.8 kgf/cm ² – 4.2 kgf/cm ² , or less than 2–3 seconds to fill a cup of 7 oz capacity)

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 seconds to fill a cup of 7 oz or 198 cc capacity):

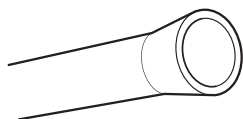
- Check to see if the sediment filter in the reverse osmosis system is blocked. Replace the filter if necessary.
- Allow the storage tank on the reverse osmosis system to refill after heavy usage.
- If the water pressure remains low, call a licensed, qualified plumber.
- All installations must be in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

Supplies Needed

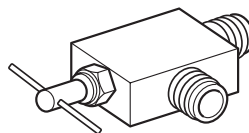
- **Copper or PEX Tubing**, ¼ in. outer diameter, to connect the refrigerator to the water supply. Be sure both ends of the tubing are cut square. To determine how much tubing you need, measure the distance from the water valve on the back of the refrigerator to the water supply pipe. Then, add 8 feet (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, purchase an adapter (available at plumbing supply stores) to connect the water line to the refrigerator OR 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

Electric Shock Hazard:

- 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.

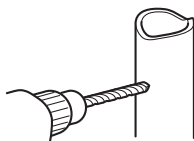
2 Choose the valve location.

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.

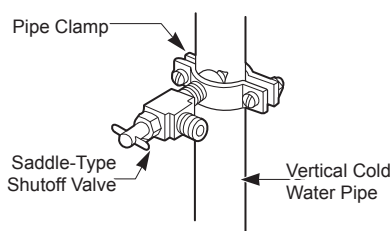


NOTE

- 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.

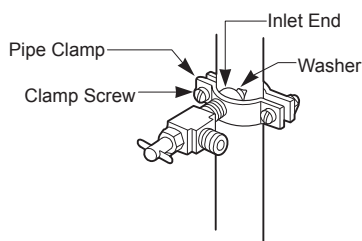


NOTE

- Commonwealth of Massachusetts Plumbing Codes 248CMR shall be adhered to. Saddle valves are illegal and 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 over tighten 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.

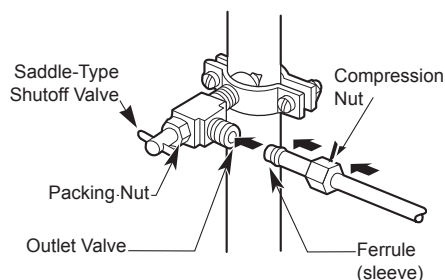
NOTE

- Be sure there is sufficient extra tubing (about 8 ft. coiled into three 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.

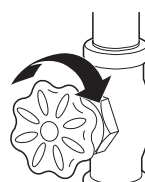
Place the compression nut and ferrule (sleeve) for copper tubing onto the end of the tubing and connect it to the shutoff valve.

Make sure the tubing is fully inserted into the valve. Tighten the compression nut securely.



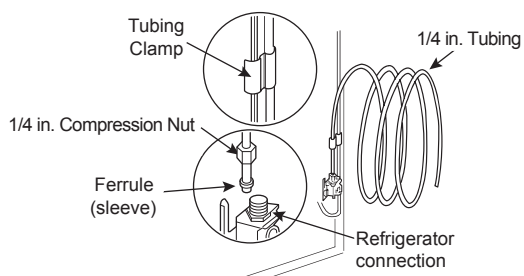
8 Flush out the tubing.

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.

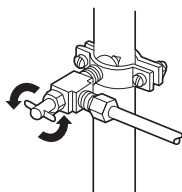


9 Connect tubing to the refrigerator.**NOTE**

- Before making the connection to the refrigerator, be sure that the refrigerator power cord is not plugged into the wall outlet.
- Remove the plastic flexible cap from the water valve.
- Place the compression nut and ferrule (sleeve) onto the end of the tubing as shown.
- 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**

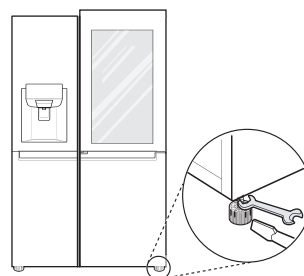
- Check to see if leak occur at the water line connection.

Leveling and Door Alignment**Leveling**

The refrigerator has two front leveling legs. Adjust the legs to alter the tilt front-to-back or side-to-side.

If the refrigerator seems unsteady, or the doors do not close easily, adjust the refrigerator's tilt using the instruction 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 work best, but an open-end wrench will suffice. Do not over-tighten.
- Parts, functions and option vary by model. Your model may not include all the Options, appears with a different name and / or different position.

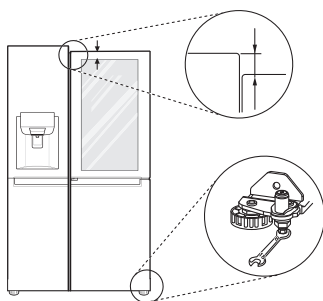
- 2 Open both doors and check to make sure that they close easily. If the doors do not close easily tilt the refrigerator slightly more to the rear by turning both leveling legs to the left. It may take several more turns, and be shure to turn both leveling legs the same amount.

Door Alignment

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

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

Use the wrench (included with the owner's manual) to turn the nut in the door hinge to adjust the height. Turn the nut to the right to raise the door or to the left to lower it.



⚠ CAUTION

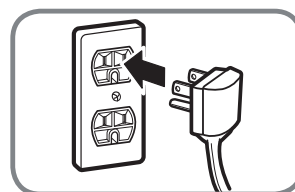
- Do not overtighten the door adjustment screw. The hinge pin can be pulled out and the adjustable range of height is a maximum of 2 in. (5 cm).

Note

- Parts, functions, and options vary by model. Your model may not include all the Options, appears with a different name and / or different position.

Turning on the Power

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



⚠ 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.

Position the Refrigerator

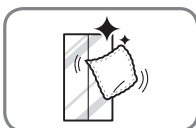
- Arrange the coil of tubing so that it does not vibrate against the back of the refrigerator or against the wall. Push the refrigerator back to the wall.

Start the Icemaker

- If the water line is connected, set the icemaker power switch to the ON position.
- 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 power switch is in the ON (I) position.

OPERATION

Before Use

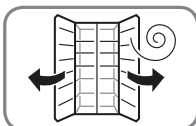


Clean the refrigerator.

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

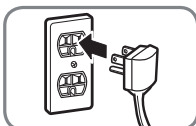
⚠ CAUTION

- 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. Remove adhesive residue by wiping it off with your thumb or dish detergent.
- Do not peel off the model or serial number label or the technical information on the rear surface of the refrigerator.



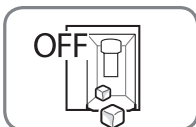
Open refrigerator doors and freezer drawers to ventilate the interior.

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



Connect the power supply.

Check if the power supply is connected before use.

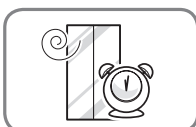


Turn off the icemaker

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

NOTE

- The icemaker water valve may buzz if the icemaker is turned on while the refrigerator is not connected to the water supply.

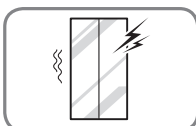


Wait for the refrigerator to cool.

Allow the 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 to remain inside the refrigerator.



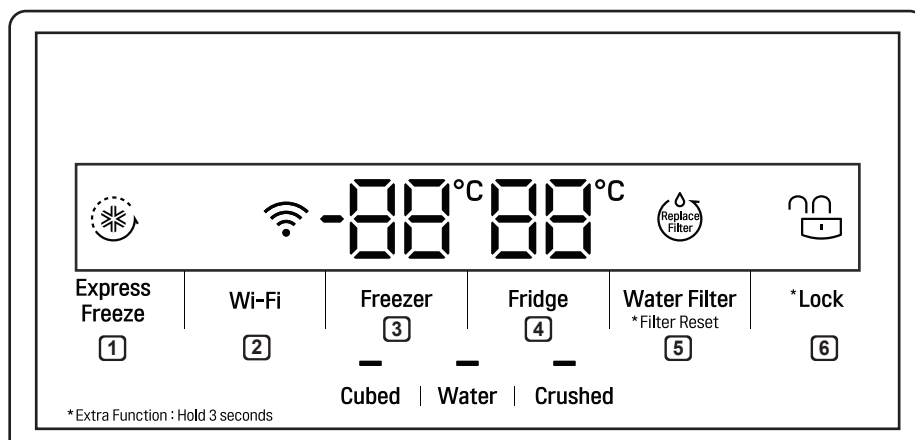
The refrigerator makes a loud noise after initial operation.

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

Control Panel

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

Control Panel Features



1 Express Freeze

This function increases both ice production and freezing capacity.

- Press **Express Freeze** button to illuminate the icon and activate the function for 24 hours. The function is automatically deactivated after 24 hours.
- Stop the function manually by pressing the button once again.

2 Wi-Fi

The **Wi-Fi** button, when used with the LG ThinQ, allows the refrigerator to connect to a home Wi-Fi network. Refer to Smart Function for information on the initial setup of the application. The **Wi-Fi** icon shows the status of the refrigerator's network connection. The icon illuminates when the refrigerator is connected to the **Wi-Fi** network.

- Press and hold **Wi-Fi** button for 3 seconds to connect to the network. The icon blinks while the connection is being made, then turns on once the connection is successfully made.

3 Freezer

Indicates the set temperature of the refrigerator compartment in Celsius (°C) or Fahrenheit (°F).

The default refrigerator temperature is -2 °F (-19°C). Press the **Freezer** button repeatedly to select a new set temperature from -6 °F (-14°C) to -11 °F (-24°C).

NOTE

- Parts, functions, and options vary by model. Your model may not include all the Options, appears with a different name and / or different position.
- When the refrigerator is in the Power Saving Mode, the display remains off until a door is opened or a button is pressed. Once on, the display remains on for 20 seconds.

4 Fridge


Indicates the set temperature of the refrigerator compartment in Celsius (°C) or Fahrenheit (°F). The default refrigerator temperature is 39° F (4° C). Press **Fridge** button repeatedly to select a new a new temperature from 33° F (1° C) to 44° F (7° C).

5 Water Filter

Replace the water filter when the **Replace Filter** icon turns on. After replacing the water filter, press and hold the **Water Filter** button for three seconds to turn the icon light off. Replace the water filter approximately every six months.

6 Lock

The Lock function disables every other button on the display.

- When the power is initially connected to the refrigerator, the **Lock** function is off
- To lock the control panel buttons, press and hold Lock button until the closed **Lock**  icon appears in the display and the function is activated.
- To disable the Lock function, press and hold the **Lock** button for approximately three seconds.

Caution

Display Mode (For Store Use Only)

- The Display Mode disables all cooling in the refrigerator and freezer section to conserve energy while on display in a retail store. When activated, OFF is displayed on the control panel and the display remains on for 20 seconds.

To deactivate / activate:

- With either refrigerator door opened, press and hold the Refrigerator and Ice Plus buttons at the same time for five seconds. The control panel beeps and the temperature settings display to confirm the Display Mode is deactivated. Use the same procedure to activate Display Mode.

Airflow

Cold air circulates from the freezer to the fresh food section and back again through air vents in the wall dividing the two sections. Be sure not to block vents while storing food in the refrigerator. Doing so will restrict airflow and may cause the refrigerator temperature to become too warm or cause interior.



NOTE

- Because air circulates between both sections, any odor formed in one section will transfer to the other. You must thoroughly clean both section to eliminate odors.

Cleaning the Dispenser of water

Cleaning the Dispenser Tray

The dispenser tray can get wet easily because of ice or spilled water. Clean the entire area with a damp cloth.

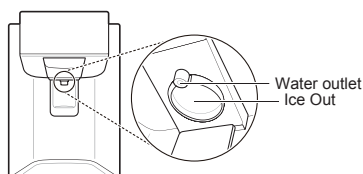


⚠ CAUTION

- Keep children away from the dispenser. Children may play with or damage the controls.
- Discard the first series of ice (around 140-160 cubes) after installation. That It is also necessary if the refrigerator has not been Used for a long time.
- If ice or water dispenses unexpectedly, turn off the water supply and contact an LG Electronics Customer Information Center.
- Never use a glass that is exceptionally narrow or deep. Ice may jam in the ice passage and refrigerator performance may be affected.

Cleaning the Water and Ice Outlet

Clean the water or ice outlet frequently with a clean cloth because it can easily get dirty. Keep in mind that you could get to stick lint from the cloth to the exit.

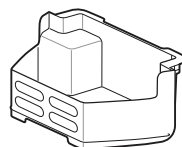


Replace Filter Water (Only for Connected Models)

Replace the disposable water filter when indicated in the Replacement Filter icon or at less every 6 months. To give you time to preparation to get a new filter, the light it will light up just before the Current filter capacity. Change filter to time provides you with fresh and clean water from apparatus.

- 1 I baffled the appliance.
- 2 Turn off the water supply connected to the home appliance.
- 3 Remove the disposable water filter.
- 4 Install the replacement water filter consulting the section "Connecting the Filter of water".
- 5 Turn on the water supply and the home appliance.
- 6 Press and hold the button Water Filter for three seconds. That restarts the Filter replacement icon. The new filter of water has been activated.

Note: This compartment only applies on some models.



Freezer Basket

Automatic dispenser

NOTE

- If you open the freezer door while water is being dispensed, the supply of water will stop and the control panel It will return to its initial screen.
- If you open the freezer door while water, ice cubes or crushed ice is being dispensed, this will pause. When close the door, the option selected in the previously configured mode will continue being dispensed.
- If the edge of the cup is small, the water could splash or fall out completely her.
- Use a cup with a border of more than 68 mm in diameter when dispensing water, buckets of crushed ice or ice.
- When the ice maker produces cubes smaller or they start mixing, maybe the amount of water supplied to the ice machine is low due to insufficient water in the tank. If the ice it is not used frequently, this can cause these to mix.

Automatic Ice Machine

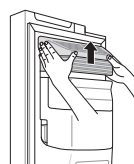
The ice machine can do Automatically 6 cubes at a time, 50-60 pieces for a period of 24 hours if the Conditions are favorable. This quantity may vary according to the environment (ambient temperature around appliance, how often the door, amount of food stored, etc.)

- If the ice tray is completely full of ice, its production is will stop.
- The sound of ice falling into the Ice tray is normal.
- The ice maker produces ice normally when they have passed about 48 hours after the appliance has been installed initially.

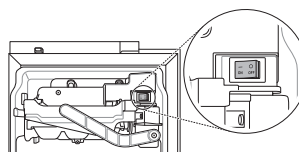
- The ice maker produces ice normally when about 48 hours have passed after the appliance has been installed initially.
- Do not touch the ice machine directly automatic with your hands while it is operating.
- If ice cubes are stored in the tray for a long period of time, these they can stick with each other causing difficulty separating them In this case, clean the ice tray before using it.

Turning on and off the Automatic Ice Machine

- 1 Hold and remove the cover of the Automatic ice machine when lifted.

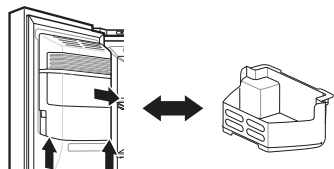


- 2 When the automatic ice maker does not is in use, the ice container can be used as a freezer basket after turning off the power switch ice machine.



Removing the Container from Ice (Optional)

Hold the ice container with both hands and remove it while tilting it up.



- When the automatic ice maker does not is in use, the ice container can be Used as a freezer basket.
- The ice container may be heavy If it is full of ice. Remove it using both hands.

WARNING

- Do not touch the mechanical parts of the machine of automatic ice with your hands or with some tool. Doing so could damage the appliance or injury.
- You must take precautions as the machine automatic ice operates continuously then that the freezer door is open when the ice machine switch It is in the on position.
- Do not disassemble, repair or alter the machine automatic ice These operations must be carried out only by a service technician.

CAUTION

- Get rid of the first batches of ice (about 20 buckets and 7 cups of water) This is also necessary if the appliance has not been used by a Long period of time.
- Water and ice dispensed for the first time may include particles or odors from the pipe or from the water supply tank.
- Keep children away from dispenser. The children could play with the controls, or damage them.

- The ice passage could be blocked with frost if only crushed ice is used.

- Remove the frost that accumulates by removing the ice tray and clearing the step with arubber spatula. Dispense ice cubes periodically it can also help prevent frost formation.

- If discolored ice is dispensed, check the tank and the water supply for a possible cause. Yes the problem continues, contact a center LG Electronics customer information. Do not use ice or water until the problem is solved.

- Never use thin glass cups or dishes to collect ice These containers can break or crack, resulting in fragments of Glass on ice.

- Dispense ice in a glass before proceeding to Fill it with water or other drinks. Can happen splashed if ice is dispensed into a glass that It already contains liquids.

- Do not touch the ice outlet or the ice machine automatic with your hands or with a tool. Otherwise, it may damage the appliance or cause injury.

- When readjusting the ice container, make sure that has been placed correctly. Nap inclined or uneven, may not continue producing ice due to a break in the sensor.

- Never use a glass that is too narrow or deep. The ice could get stuck in the passage and the appliance performance could be affected.

- Keep the glass at an appropriate distance from the ice outlet A glass held very close to the ice leakage can prevent this from dispense.

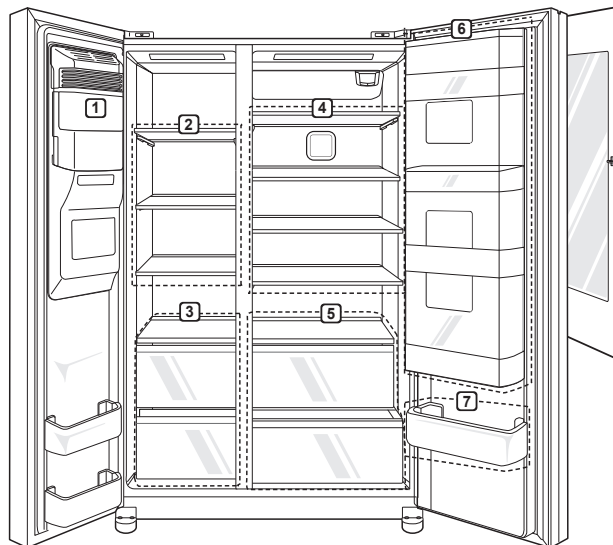
- Discard the ice inside the storage compartment. ice in the freezer if you go on vacation or if a prolonged power outage has occurred. The water product from melted ice could fall from floor dispenser.

Storing Food

Where to Store Food

Each compartment inside the refrigerator is designed to store different types of food.

Store food in the optimal space to enjoy the freshest taste.



1 In-Door Ice Bin

If a large amount of ice is needed, transfer the ice in the in-door ice bin to an ice storage bin in the freezer.

2 Freezer Shelves

Store various frozen foods such as meat, fish, and ice cream.

3 Freezer Drawers

Wrap and store meat, fish, chicken, or other items for long-term storage. Can also be used for supplemental ice storage.

4 Refrigerator Shelf

Store various fresh food items. Adjust the shelf positions to suit individual storage needs. Store food with higher water content at the front of the shelves.

5 Fresh Zone

Store fruit and vegetables in the crisper drawers to keep them fresh.

6 Door-in-Door Case

Convenient storage for frequently used items such as beverages, butter, margarine, cream cheese, peanut butter, and condiments.

7 Refrigerator Door Bins

Store small refrigerated items such as beverages and condiments.

Note

- Parts, functions, and options vary by model. Your model may not include all the Options, appears with a different name and / or different position.

⚠ CAUTION

- 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.
- Do not store glass containers in the freezer. Contents may expand when frozen, break the container and cause injury.

NOTE

- If you are leaving home for a short period, 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, remove all food and unplug the power cord. Clean the interior, and leave the door open to prevent fungi from growing in the refrigerator.
- Do not store food with high moisture content towards the top of the refrigerator. The moisture could come in direct contact with the cold air and freeze.
- Wash food before storing it in the refrigerator. Vegetables 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 or closed too often, warm air may penetrate the refrigerator and raise its temperature. This can increase the running costs of the unit.

Food Storage Tips

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 covered dish or closed compartment. When storing an extra supply, wrap in freezer packaging and freeze.
Cheese	Store in original wrapping until used. Once opened, rewrap tightly in plastic wrap or aluminum foil.
Milk	Wipe milk cartons. For coldest milk, place containers on an interior shelf.
Eggs	Store in original carton on interior shelf, not on door shelf.
Fruit	Do not wash or hull fruit until it is ready to be used. Sort and keep fruit in original container in a crisper, or store in completely closed paper bag on refrigerator shelf.
Leafy Vegetables	Remove store wrapping, 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	Freeze fresh fish and shellfish if they are not being eaten the same day purchased. Eating fresh fish and shellfish the same day purchased is recommended.
Leftovers	Cover leftovers with plastic wrap or aluminum foil, or store in plastic containers with tight lids.

Storing Frozen Food

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 pounds 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, and then package and freeze. Cooling hot foods before freezing saves energy.

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

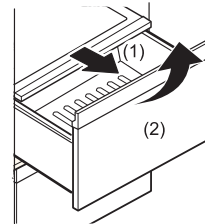
Detaching/Assembling the Storage Bins

Fresh Zone Drawer

The Fresh Zone drawers provide storage for fruit and vegetables.

- When removing or installing the lower Fresh Zone drawer, lift the cover to help remove or insert the drawer.

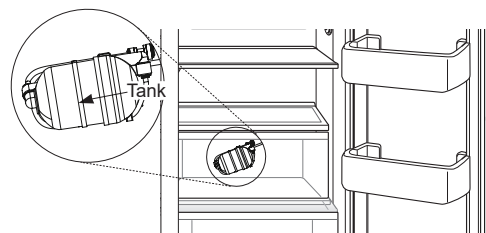
- 1 To remove the Fresh Zone drawers, pull out the drawer to full extension (1), lift the front up (2), and pull straight out.



- 2 To install, slightly tilt up the front, insert the drawer into the frame and push it back into place.

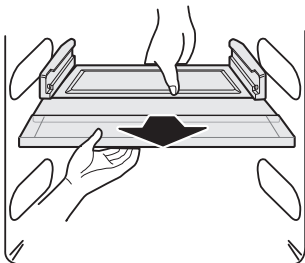
CAUTION

- Use both hands to assemble and disassemble the Fresh Zone. The compartment is heavy when filled with food and may cause injury if dropped.
- Open the refrigerator door fully when disassembling or reassembling the Fresh Zone.
- You will see the water tank while removing the Fresh Zone drawer. Do not remove the water tank or water leakage may occur. The water tank is not a removable part.



Removing the Fresh Zone Cover

Hold the cover with both hands and pull it out.



NOTE

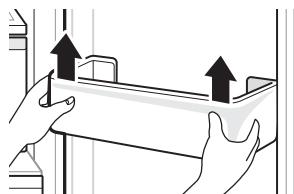
- Remove the Fresh Zone drawers before removing the Fresh Zone cover.

Door Bins

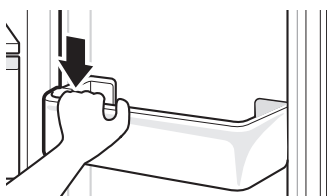
The door bins are removable for easy cleaning and adjustment.

Some bins may vary in appearance and will only fit in one location.

- 1 To remove the bin, simply lift the bin up and pull straight out.



- 2 To replace the bin, slide it in above the desired support and push down until it snaps into place.



CAUTION

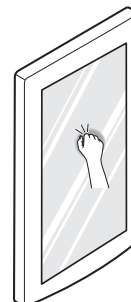
- Regularly detach and wash the storage bins and shelves; they can become easily contaminated by food.
- Do not apply excessive force while detaching or assembling the storage bins.
- Do not use the dishwasher to clean the storage bins and shelves.

Note

- Parts, functions, and options vary by model. Your model may not include all the Options, appears with a different name and / or different position.

InstaView Function

The InstaView function on the Door-in-Door lets you see if you're running low on frequently used items like beverages and snacks, without opening the refrigerator door.

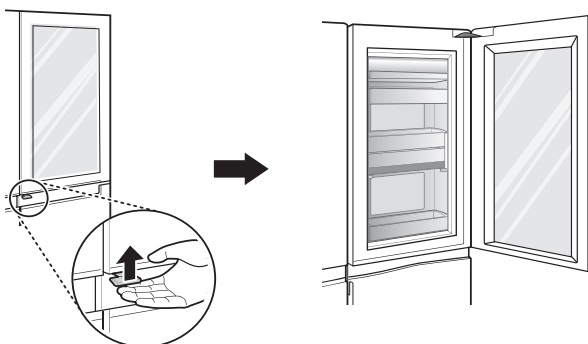


- 1 Knock twice on the glass to turn the LED light inside the Door-in-Door on or off.
 - 2 The LED light turns off automatically after 10 seconds.
- The InstaView Door-in-Door function is disabled when the right refrigerator door and the left freezer door are open, for 2 seconds after closing the door, and when the ice dispenser is in use.
 - Knock near the center of the glass. Knocking near the edges of the glass may not activate the InstaView Door-in-Door function properly.
 - Knock hard enough that the knocking sound is audible.
 - The InstaView Door-in-Door function may activate if a loud noise occurs near the refrigerator.

Door-in-Door

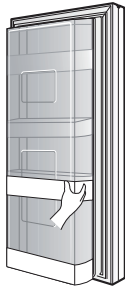
The Door-in-Door compartment allows for easy access to commonly used food items.

To access the Door-in-Door compartment, lightly press the button on the refrigerator door handle until you hear a click and the door opens.



Door-in-Door Case

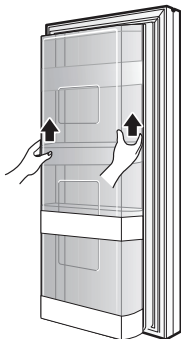
To open the Door-in-Door case, pull evenly on the marked area. The Door-in-Door Case is removable for easy cleaning and adjustment.



CAUTION

- Remove contents from Door-in-Door case before disassembly.

- 1 To remove the Door-in-Door case, lift up and pull out.
- 2 To replace the Door-in-Door case, line up the tabs on the Door-In-Door case with the slots on the door and push down until it snaps into place.



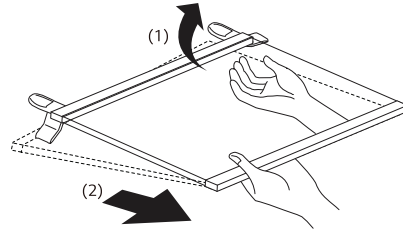
Adjusting the Refrigerator Shelves

The shelves in the refrigerator are adjustable to meet individual storage needs. Your model may have full or split shelves.

Adjusting the shelves to fit items of different heights will make finding the exact item you want easier.

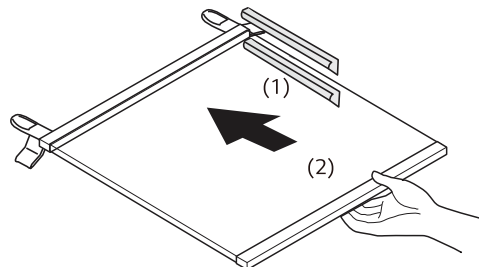
Detaching the Shelf

- 1 Remove all items from the shelf. Lift the back of the shelf slightly to disengage the rail stops.
- 2 Holding the shelf with both hands, tilt the shelf and pull it out.



Assembling the Shelf

- 1 Tilt the front of the shelf up and guide the shelf into the slots at a desired height, keeping shelf holder down.(1)
- 2 Slide the shelf in, then lower the front of the shelf. (2)





CAUTION

- Make sure that shelves are level from one side to the other. Failure to do so may result in the shelf falling or spilled food.
- Do not clean glass shelves with warm water while they are cold. Shelves may break if exposed to sudden temperature changes or impact.
- Glass shelves are heavy. Use special care when removing them.

SMART FUNCTIONS

LG ThinQ Application

This feature is only available on models with the  or .

The **LG ThinQ** application allows you to communicate with the appliance using a smartphone.

LG ThinQ Application Features

Communicate with the appliance from a smartphone using the convenient smart features.

Smart Diagnosis

- If you experience a problem while using the appliance, this smart diagnosis feature will help you diagnose the problem.

Settings

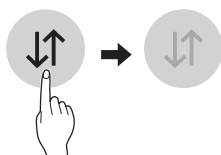
- Allows you to set various options on the appliance and in the application.

NOTE

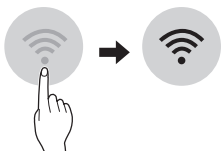
- If you change your wireless router, internet service provider, or password, delete the registered appliance from the **LG ThinQ** application and register it again.
- The application is subject to change for appliance improvement purposes without notice to users.
- Functions may vary by model.

Before Using LG ThinQ Application


- 1 Check the distance between the appliance and the wireless router (Wi-Fi network).
 - If the distance between the appliance and the wireless router is too far, the signal strength becomes weak. It may take a long time to register or installation may fail.
- 2 Turn off the **Mobile data** or **Cellular Data** on your smartphone.



- 3 Connect your smartphone to the wireless router.



NOTE


- To verify the Wi-Fi connection, check that the  icon on the control panel is lit.
- The appliance supports 2.4 GHz Wi-Fi networks only. To check your network frequency, contact your Internet service provider or refer to your wireless router manual.
- LG ThinQ is not responsible for any network connection problems or any faults, malfunctions, or errors caused by network connection.
- If the appliance is having trouble connecting to the Wi-Fi network, it may be too far from the router. Purchase a Wi-Fi repeater (range extender) to improve the Wi-Fi signal strength.
- The Wi-Fi connection may not connect or may be interrupted because of the home network environment.
- The network connection may not work properly depending on the Internet service provider.
- The surrounding wireless environment can make the wireless network service run slowly.
- The appliance cannot be registered due to problems with the wireless signal transmission. Unplug the appliance and wait about a minute before trying again.
- If the firewall on your wireless router is enabled, disable the firewall or add an exception to it.
- The wireless network name (SSID) should be a combination of English letters and numbers. (Do not use special characters.)
- Smartphone user interface (UI) may vary depending on the mobile operating system (OS) and the manufacturer.
- If the security protocol of the router is set to **WEP**, you may fail to set up the network. Please change it to other security protocols (**WPA2** is recommended) and register the product again.

Installing the LG ThinQ Application

Search for the **LG ThinQ** application from the Google Play Store or Apple App Store on a smartphone.

- Follow instructions to download and install the application.

Connecting to Wi-Fi

The **Wi-Fi** button, when used with the **LG ThinQ** application, allows the appliance to connect to a home Wi-Fi network. The  icon shows the status of the appliance's network connection. The icon illuminates when the appliance is connected to the Wi-Fi network.


Initial Appliance Registration

- Run the LG ThinQ application and follow the instructions in the application to register the appliance.

Re-registering the Appliance or Registering Another User

- Press and hold the **Wi-Fi** button for 3 seconds to temporarily turn it off. Run the **LG ThinQ** application and follow the instructions in the application to register the appliance.

NOTE

- To disable the Wi-Fi function, press and hold the **Wi-Fi** button for 3 seconds.  icon will be turned off.

Wireless LAN Module Regulation

The operation of this equipment is subject to the following two conditions:



- (1) it is possible that this equipment or device may not cause harmful interference and
- (2) this equipment or device must accept any interference, including interference that may cause its undesired operation.

Open Source Software Notice Information

To obtain the source code under GPL, LGPL, MPL, and other open source licenses, that is contained in this product, please 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 to you 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 a period of three years after our last shipment of this product. This offer is valid to anyone in receipt of this information.

Smart Diagnosis

This feature is only available on models with the  or  logo.

Use this feature to help you diagnose and solve problems with your appliance.

NOTE

- For reasons not attributable to LGE's negligence, the service may not operate due to external factors such as, but not limited to, Wi-Fi unavailability, Wi-Fi disconnection, local app store policy, or app unavailability.
- The feature may be subject to change without prior notice and may have a different form depending on where you are located.

Using LG ThinQ to Diagnose Issues

If you experience a problem with your Wi-Fi equipped appliance, it can transmit troubleshooting data to a smartphone using the **LG ThinQ** application.

- Launch the **LG ThinQ** application and select the **Smart Diagnosis** feature in the menu. Follow the instructions provided in the **LG ThinQ** application.

Using Audible Diagnosis to Diagnose Issues

Follow the instructions below to use the audible diagnosis method.

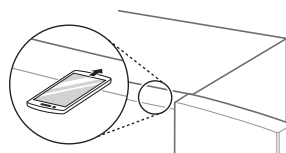
- Launch the **LG ThinQ** application and select the **Smart Diagnosis** feature in the menu. Follow the instructions for audible diagnosis provided in the **LG ThinQ** application.

- 1 Close the freezer and fridge doors, then press and hold the **Lock** button to activate the lock function.
- If the display has been locked for over 5 minutes, you must deactivate the lock and then reactivate it.

* Lock



- 2 Open the fridge door.
- 3 Press and hold the **Freezer** button for 3 seconds or longer.
 - The control panel will be turned off, and then '3' will be displayed on the fridge temperature display part.
- 4 Hold the phone on the upper right speaker hole.



- 5 After the data transfer is complete, the diagnosis will be displayed in the application.

NOTE

- For best results, do not move the phone while the tones are being transmitted.

MAINTENANCE

Cleaning

⚠ WARNING

- Use non-flammable cleaner. Failure to do so can result in fire, explosion, or death.

⚠ CAUTION

- Do not use an abrasive 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 the doors.
- When lifting the hinge free of the latch, be careful that the door does not fall forward.

General Cleaning Tips

- Both the refrigerator and freezer sections defrost automatically; however, clean both sections once a month to prevent odors.
- Wipe up spills immediately.
- Unplug the refrigerator or disconnect power before cleaning.
- Remove all removable parts, such as shelves.
- 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

For products with black stainless steel exterior, spray glass cleaner on a clean, microfiber cloth and rub in direction of grain. Do not spray glass cleaner directly at the display panel. Do not use harsh or abrasive cleaners.

For products with a standard stainless steel exterior, use a damp microfiber cloth and rub in the direction of the grain. Dry with a paper towel to avoid streaks. For stubborn stains and fingerprints, use a few drops of liquid dish soap in water, and rinse with hot water before drying. Do not use abrasive or harsh cleaners.

Inside Walls

- Allow freezer to warm up so the cloth will not stick.

To help remove odors, 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

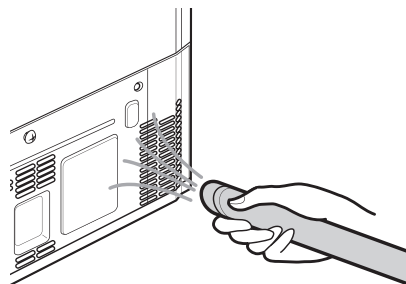
Use a clean sponge or soft cloth and a mild detergent in warm water. Do not use cleaning waxes, concentrated detergents, bleaches, or cleaners containing petroleum on plastic refrigerator parts.

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 a brush or crevice attachment to clean the condenser cover and vents. Do not remove the panel covering the condenser coil area.



Replacing the Water Filter

Replace the Water Filter :

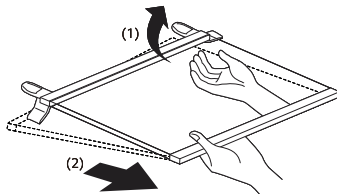
- Approximately every six months.
- When the **Replace Filter** icon turns on.
- When the water dispenser output decreases.



Before Replacing the Water Filter:

If the top shelf, located below the water filter, is in the highest position, it will need to be removed prior to replacing the water filter.

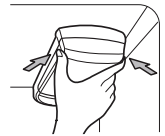
To remove any shelf : Tilt up the front of the shelf (1) and lift (2). Pull the shelf out.



1 Remove the old water filter.

Lower or remove the top left shelf to allow the water filter to rotate all the way down.

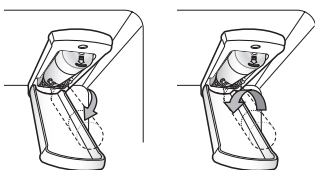
Pinch the sides to open the water filter cover.



NOTE

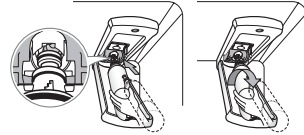
- Replacing the water filter causes a small amount of water (around 1 oz. or 25 cc) to drain.
- Wrap a cloth around the front end of the water filter cover to collect any leaking water. Hold the water filter upright, once it is removed, to prevent any remaining water from spilling out of the water filter.

- 2 Make sure to rotate the filter down completely before pulling it out of the filter head. Pull the water filter downward and turn to counterclockwise.

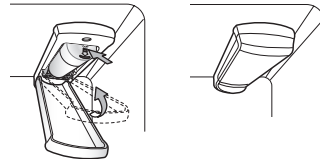


3 Replace with a new water filter.

Take the new water filter out of its packing and remove the protective cover from the o-rings. With the water filter tabs in the horizontal position, push the new water filter into the filter head and turn to clockwise.



- 4 Rotate the water filter up into position and close the cover. The cover will click when closed correctly.



- 5 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.

NOTE

- Do not dispense the entire 2.5 gallon amount continuously. Press and release the dispenser pad for cycles of 30 seconds ON and 60 seconds OFF.
- 6 After changing the filter, press and hold the **Water Filter** button for three seconds to reset the indicator light.



NOTE

To purchase a replacement water filter:

- Visit your local dealer or distributor
- Use replacement cartridge:
ADQ74793501(LT1000P)

Performance Data Sheet

Model: LT1000P

Use Replacement Cartridge: MDJ64844601(LT1000P)

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, Standard 53 and Standard 401.



System tested and certified by NSF International against NSF/ANSI Standard 42, Standard 53 and Standard 401 for the reduction of substances listed below.

substance Reduction	Average Influent Challenge	NSF specified Challenge Concentration	Avg % Reduction	Average Product Water Concentration	Max Permissible Product Water Concentration	NSF Reduction Requirements
Chlorine Taste and Odor	2.0 µg/L	2.0 µg/L ± 10%	>97.5%	0.050 µg/L	N/A	≥ 50.00%
Nominal Particulate Class I, , ≥ 0.5 to < 1.0 µm	12,000,000 pts/mL	At least 10,000 particles/mL	99.80%	24,000 pts/ml	N/A	≥ 85.00%
Asbestos	180 MFL	10 ⁷ to 10 ⁸ MFL; fibers greater than 10 µg/L in length	>99.00%	< 1 MFL	N/A	≥ 99.00%
Atrazine	8.5 µg/L	9.0 µg/L ± 10%	>94.10%	0.500 µg/L	3.0 µg/L	NA
Benzene	15.0 µg/L	15.0 µg/L ± 10%	>96.60%	0.510 µg/L	5.0 µg/L	NA
Carbofuran	74.0 µg/L	80.0 µg/L ± 10%	98.30%	1.258 µg/L	40 µg/L	NA
Lindane	1.9 µg/L	2.0 µg/L ± 10%	>99.00%	0.019 µg/L	0.2 µg/L	NA
P-Dichlorobenzene	230.0 µg/L	225.0 µg/L ± 10%	>99.80%	0.460 µg/L	75.0 µg/L	NA
2,4-D	210.0 µg/L	210.0 µg/L ± 10%	>99.90%	0.210 µg/L	70.0 µg/L	NA
Lead pH @6.5	140.0 µg/L	150.0 µg/L ± 10%	99.60%	0.560 µg/L	10.0 µg/L	NA
Lead pH @8.5	150.0 µg/L	150.0 µg/L ± 10%	>99.70%	<0.500 µg/L	10.0 µg/L	NA
Mercury @ pH 6.5	5.9 µg/L	6.0 µg/L ± 10%	91.00%	0.531 µg/L	2.0 µg/L	NA
Mercury @ pH 8.5	5.6 µg/L	6.0 µg/L ± 10%	92.50%	0.420 µg/L	2.0 µg/L	NA
Cyst*	100,000 cysts/L	Minimum 50,000 cysts/L	>99.99%	10 cysts/L	N/A	≥ 99.95%

substance Reduction	Average Influent Challenge	NSF specified Challenge Concentration	Avg % Reduction	Average Product Water Concentration	Max Permissible Product Water Concentration	NSF Reduction Requirements
Atenolol	240 ng/L	200 ± 40% ng/L	> 95.50%	10.80 ng/L	30 ng/L	NA
Carbamazepine	1600 ng/L	1400 ± 40% ng/L	98.40%	25.60 ng/L	200 ng/L	NA
DEET	1600 ng/L	1400 ± 40% ng/L	97.10%	46.40 ng/L	200 ng/L	NA
Trimethoprim	170 ng/L	140 ± 40% ng/L	>96.80%	5.44 ng/L	20 ng/L	NA
Linuron	160 ng/L	140 ± 40% ng/L	>96.60%	5.44 ng/L	20 ng/L	NA
Phenytoin	200 ng/L	200 ± 40% ng/L	>94.80%	10.40 ng/L	30 ng/L	NA
Ibuprofen	400 ng/L	400 ± 40% ng/L	>94.50%	22.00 ng/L	60 ng/L	NA
Naproxen	140 ng/L	140 ± 40% ng/L	>96.10%	5.46 ng/L	20 ng/L	NA
Estrone	120 ng/L	140 ± 40% ng/L	>96.10%	4.68 ng/L	20 ng/L	NA
Bisphenol A	2000 ng/L	2000 ± 40% ng/L	>98.90%	22.00 ng/L	300 ng/L	NA
Nonyl Phenol	1600 ng/L	1400 ± 40% ng/L	>97.10%	46.40 ng/L	200 ng/L	NA

• Based on the use of *Cryptosporidium parvum* oocysts.

Application Guidelines/Water Supply Parameters	
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 °F – 100 °F (0.6 °C – 37.8 °C)
Capacity	200 gallons (757 liters)

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

NOTE

- While the testing was performed under standard laboratory conditions, actual performance may vary.

Replacement Cartridge: **ADQ74793501(LT1000P)**

NSF System Trade Name Code: **MDJ64844601**

For replacement filters, visit your local dealer or distributor or search under "water filters" on the **lg.com** website.

For further assistance, the LG Electronics Customer Information Center is open 24 hours a day/7 days a week.

LG is a trademark of LG corp.

NSF is a trademark of NSF International.

Manufactured for LG® Electronics by:

LG Electronics, INC

170, Sungsanpaechoungro, Seongsan-gu,

Gyeongsangnam-do, THE REPUBLIC OF KOERA

CAUTION

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 and use **MUST** comply with all state and local plumbing codes.
- 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 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. The maximum operating water temperature of this filter system is 100 °F (37.8 °C).
- Protect filter from freezing. Drain filter when temperatures drop below 40 °F (4.4 °C).
- The disposable filter cartridge **MUST** be replaced every 6 months, at the rated capacity or if a noticeable reduction in flow rate occurs.
- Protect from freezing, remove filter cartridge when temperatures are expected to drop below 33° F.
- Do not install systems in areas where ambient temperatures may go above 110° F (43.3° C).
- Where a backflow prevention device is installed on a water system, a device for controlling pressure due to thermal expansion must be installed.
- Ensure all tubing and fittings are secure and free of leaks.

WARNING

To reduce the risk associated with choking:

- Do not allow children under 3 years of age to have access to small parts during the installation of this product.

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. EPA Establishment # 070595-MEX-001

TROUBLESHOOTING

FAQs: Frequently Asked Questions

Q: What are the best temperature settings for my refrigerator and freezer?

A: The default setting for the refrigerator is 37° Fahrenheit (3° Celsius). The default setting for the freezer is 0° Fahrenheit (-18° Celsius). Adjust these settings as necessary to keep food at desired temperatures. Milk should be cold when stored on the inner shelf of the refrigerator. Ice cream should be firm and ice cubes should not melt in the freezer. To switch the display from Fahrenheit to Celsius, press and hold the **Freezer** and **Refrigerator** buttons until you hear a beep and the settings in the display change.

Q: How do I set the refrigerator and freezer temperatures?

A: Continually press the **Refrigerator** or **Freezer** button on the control panel until the desired temperature appears. The numbers will cycle from highest to lowest and then return to the highest again with continuous pressing.

Q: Why do I hear a buzzing noise from my refrigerator periodically?

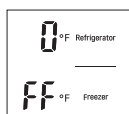
A: This may happen if you do not have a water source attached to your refrigerator and the icemaker is turned on. If you do not have a water source attached to the back of the refrigerator you should turn the icemaker off.

Q: Why does the icemaker tray look crooked?

A: This is a normal part of the icemaker cycle. The icemaker tray may appear level or with a slight tilt. The change in position is to assist in the freezing process.

Q: My refrigerator is powered on and the controls are working, but it's not cooling and the display shows "OFF" (see below). What is wrong?

A: The refrigerator is in Demo Mode. This mode disables cooling to save energy while the appliance is on display in a store. To restore normal operation, press and hold the **Refrigerator** and **Ice Plus** buttons for 5 seconds or until you hear a beep and the temperature settings appear on the display. Use the same procedure to return the refrigerator to Demo Mode, if desired.



Q: Demand exceeds ice storage capacity

A: The icemaker can make 6 ice cube automatically. 50-60 cubes in a 24 hours period if the condition is favorable. This quantity may vary, according to the environment (environment temperature, frequency of open the door, quantity of, etc).

Before Calling for Service

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

Cooling

Problem	Possible Cause	Solutions
Refrigerator and Freezer section are not cooling.	A fuse in your home may be blown or the circuit breaker tripped. Or the appliance is connected to a GFCI (Ground Fault Circuit Interrupter) outlet, and the outlet's circuit breaker has tripped.	Check the main electrical box and replace the fuse or reset the circuit breaker. Do not increase fuse capacity. If the problem is a circuit overload, have it corrected by a qualified electrician. Reset the circuit breaker on the GFCI. If the problem persists, contact an electrician.
	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 set to Demo Mode.	Demo Mode allows the lights and control display to work normally while disabling cooling, to save energy while the refrigerator is on the showroom floor. See the FAQs section of this manual for instructions on how to disable Demo Mode.
	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.
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.
	The door is 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, the "Doors will not close correctly or pop open" section.
	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.

Cooling

Problem	Possible Cause	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 are not closed correctly.	See the "Doors will not close correctly or pop open" 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 Control Panel section for more information.
	Refrigerator is installed in a cold location.	When the refrigerator is operated in temperature below 41°F (5°C), food can freeze in the refrigerator compartment. The refrigerator should not be operated in temperature below 55°F (13°C).
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.
	The air vents are blocked. Cold air circulates from the freezer to the fresh food section and back again through air vents in the wall dividing the two sections.	Locate air vents by using your hand to sense airflow and move all packages that block vents and restrict airflow. Rearrange items to allow air to flow throughout the compartment.

Cooling/Ice & Water

Problem	Possible Cause	Solutions
Refrigerator or Freezer section is too warm.	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 Parts & Features Troubleshooting.
	Temperature control is not set correctly.	If the temperature is too warm, adjust the control one increment at a time and wait for the temperature to stabilize.
	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.
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 Control Panel for more information.
Frost or ice crystals form 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.
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.

Ice & Water

Problem	Possible Cause	Solutions
Icemaker is not making enough ice.	Demand exceeds ice storage capacity.	The icemaker will produce approximately 70-184 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.	Replacing the water filter is recommended: Approximately every six months. When the water filter indicator turns on. When the water dispenser output decreases. When the ice cubes are smaller than normal.
	Low house water supply pressure.	The water pressure must be between 20 and 120 psi on models without a water filter and between 40 and 120 psi 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 the Connecting the Water Line 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.
	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 correctly or pop open" section in Parts & Features 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.
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 icemaker ON/OFF and confirm that it is turned on.

Ice & Water

Problem	Possible Cause	Solutions
Icemaker is not making ice	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 the 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 Connecting the Water Line section.)
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.	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 Maintenance 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.
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.
Ice is not dispensing.	Unable to hear the sound of ice coming out?	In the control panel, select the modes for cubed ice and crushed ice alternately to dispense the ice.
	Doors are not closed completely.	Ice will not dispense if any of the refrigerator doors are left open.

Ice & Water

Problem	Possible Cause	Solutions
Ice is not dispensing.	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 may take up to 90 minutes before additional ice is available, and approximately 24 hours to completely refill the bin.
Water is dispensing slowly.	Water filter has been exhausted.	Replacing the water filter is recommended: Approximately every six months. When the water filter indicator turns on. 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 between 20 and 120 psi on models without a water filter and between 40 and 120 psi on models with a water filter. If the problem persists, it may be necessary to contact a plumber.
Water is not dispensing.	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.

Ice & Water

Problem	Possible Cause	Solutions
Water is not dispensing.	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 five 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 the 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.
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.	Replacing the water filter is recommended: Approximately every six months. When the water filter indicator turns on. 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.

Parts & Features

Problem	Possible Cause	Solutions
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 Operation 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 Refrigeration 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.
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.

Noises

Problem	Possible Cause	Solutions
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 Leveling and 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
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



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