Scan to see the online manual.

OWNER'S MANUAL

KIMCHI REFRIGERATOR

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

ENGLISH

LK14S8000*

MFL69666921
Rev.05_010926

www.lg.com

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IMPORTANT SAFETY INSTRUCTIONS

READ ALL INSTRUCTIONS BEFORE USE

Safety Messages

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.

This is the safety alert symbol.

This symbol alerts you to potential hazards that can kill or injure you and others. All safety messages will follow the safety alert symbol and either the word WARNING or CAUTION.

These words mean:

WARNING

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

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.

WARNING

⚠ 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

- 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.
- Only connect this product to a dedicated grounded electrical outlet rated for use with this product (115 V, 60 Hz, AC only). It is the user's responsibility to replace a standard 2-prong wall outlet with a standard 3-prong wall outlet.
- Do not 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.
- 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 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.
- When positioning the appliance, ensure the supply cord is not trapped or damaged.
- Do not locate multiple portable socket-outlets or portable power supplies at the rear of the appliance.

Operation

- This appliance is intended to be used in household and similar applications such as:
  - staff kitchen areas in shops, offices and other working environments;
  - farm houses and by clients in hotels, motels and other residential type environments;
  - bed and breakfast type environments;
  - catering and similar non-retail applications.
- This appliance is not for use in portable or mobile installations, such as marine or RV uses, where it will be in motion while operating.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- 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.
- If the supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a hazard.
- Do not 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 the 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 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.
- If connected to a circuit protected by fuses, use time delay fuse.
- Keep ventilation openings, in the appliance enclosure or in the built-in structure, clear of obstruction.
- Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.

- Do not use electrical appliances inside the food storage compartments of the appliance, unless they are of the type recommended by the manufacturer.
- Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.
- Do not damage the refrigerant circuit.
- This appliance incorporates an earth connection for functional purposes.

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.
- 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.

Disposal

- Risk of child entrapment. 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 and insulation foam are removed for proper disposal by a qualified servicer. If you release the refrigerant or throw away the insulation foam, you may be fined or imprisoned in accordance with the relevant environmental law. Insulation foam contains flammable blowing gas.
- When discarding the appliance, remove the door gasket while leaving the shelves and bins in place, and keep children away from the appliance.

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.
- 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.

Risk of Fire and Flammable Materials



These symbols alert you to flammable materials that can ignite and cause a fire if you do not take care.

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



In order to avoid the creation of a flammable gas air mixture if a leak in the refrigerating circuit occurs, the size of the room in which the appliance may be sited depends on the amount of refrigerant used. The room must be 10.8 square feet (1 square meter) in size for every 8g of R600a refrigerant inside the appliance. The amount of refrigerant in your particular appliance is shown on the identification plate inside the appliance. Never start up an appliance showing any signs of damage. If in doubt, consult your dealer.

CAUTION

⚠ 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:

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. You may be injured.
- Do not overfill or pack items too tightly into kimchi containers. Doing so may cause damage to the kimchi containers or personal injury if items are removed with excessive force.

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.

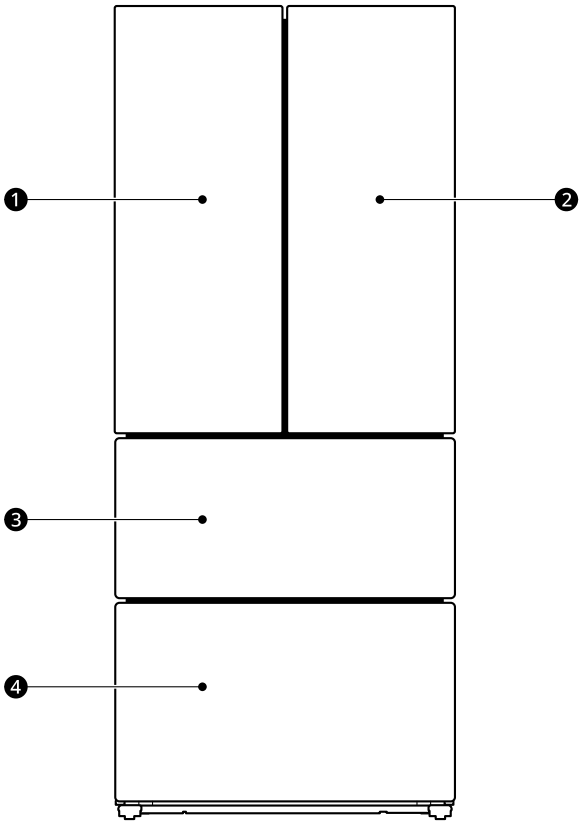
SAVE THESE INSTRUCTIONS

PRODUCT OVERVIEW

Product Features

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.

Exterior



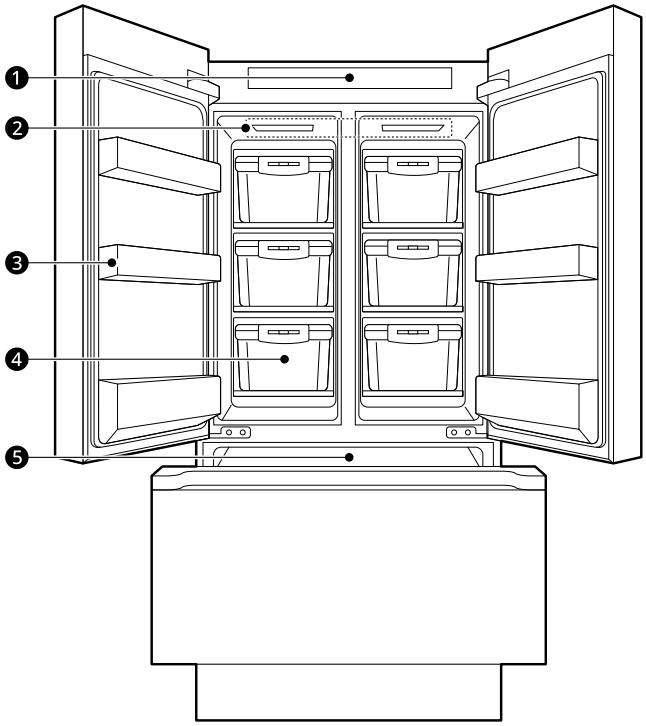
❶ **Left compartment**
Refrigerate fresh food or store kimchi.

❷ **Right compartment**
Refrigerate fresh food or store kimchi.

❸ **Middle compartment**
Refrigerate fresh food or store kimchi.

❹ **Bottom compartment**
Refrigerate fresh food or store kimchi.

Interior



❶ **Control Panel**
Set controls using temperature or food type.

❷ **LED Interior Lighting**
Lights up the inside of the refrigerator.

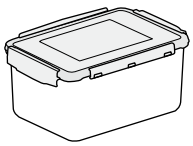
❸ **Fixed Door Bin**
Stores chilled food or drinks.

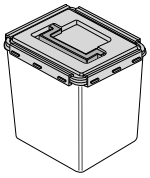
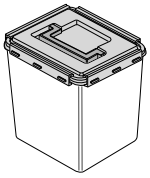
❹ **Kimchi Container**
Place food in the kimchi container and close securely before storing.

❺ **Flip-up Cover**
Blocks the cold air of the refrigerator from escaping when the doors are closed.

Kimchi Storage Containers

• Kimchi containers can be purchased separately from an LG Electronics Service Center.

Container		Location	Capacity
	AKC67523421: 6EA	Left and Right Compartments	2.3 gal (8.8 L)

Container		Location	Capacity
	AKC67523727: 4EA AKC67523727: 2EA	Middle Compartment Bottom Compartment	3 gal (11.5 L)
	AKC67523729: 2EA	Bottom Compartment	1.8 gal (6.7 L)

Product Specifications

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

Electrical requirements: 115 V, 60 Hz

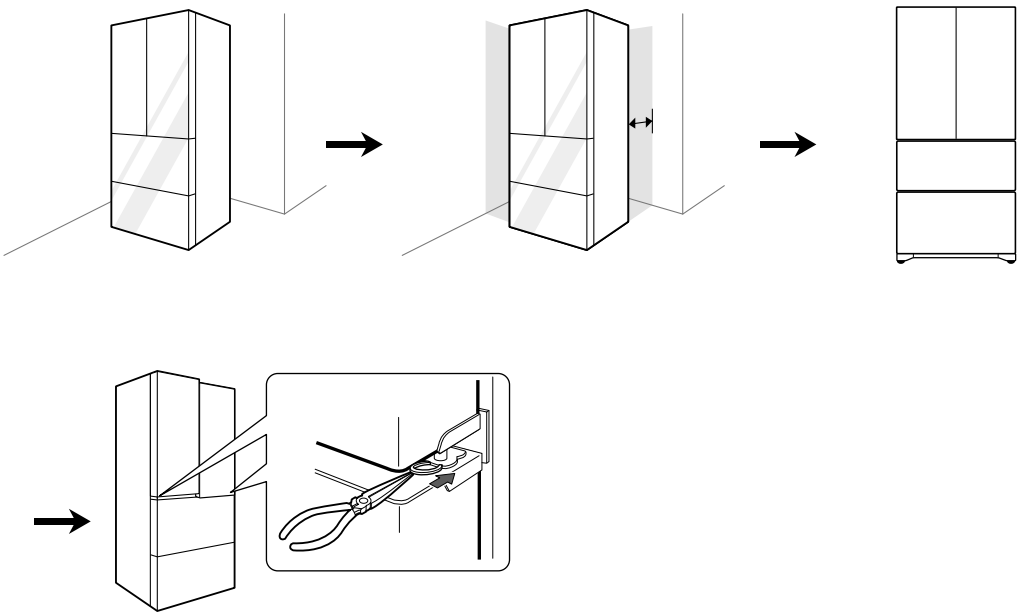
Model	Description	Net weight
LK14S8000*	Standard-depth, 4 Door Kimchi Refrigerator	268 lb (122 kg)

INSTALLATION

Before Installing

Installation Overview

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



❶ Unpacking the Refrigerator

❷ Choosing the Proper Location

❸ Disassembling/Assembling

❹ Leveling and Door Alignment

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

Electricity

Use an individual, grounded outlet:115 Volts, 60 Hz, AC, 15 amps minimum.

⚠ WARNING

- Do not overload house wiring and cause a fire hazard by plugging in multiple appliances in the same outlet with the refrigerator.
- To reduce the risk of electric shock, do not install the refrigerator in a wet or damp area.

Flooring

To avoid noise and vibration, the unit must be 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

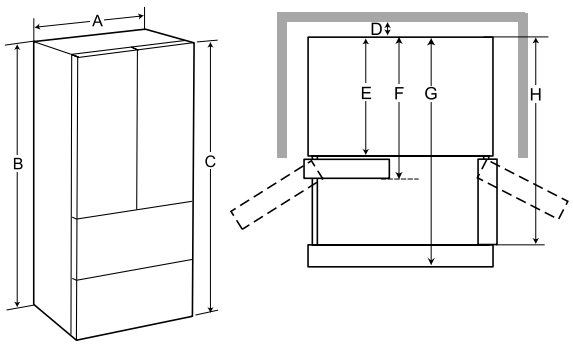
Install this appliance in an area where the temperature is between 55 °F (13 °C) and 110 °F (43 °C).

If the temperature around the appliance is too low or high, cooling ability may be adversely affected.

The internal temperatures could be affected by the location of the appliance, the ambient temperature, the frequency of door opening and other factors.

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.
- Too small of a distance from adjacent items may result in lowered freezing capability and increased electricity consumption charges. Allow at least 16.7 inches (423 mm) in front of the refrigerator to open the doors, and at least 2 inches (50 mm) between the back of the refrigerator and the wall.



-	Dimension/Clearance	LK14S8000*
A	Width	29 1/2" (750 mm)
B	Height to Top of Case	68 5/8" (1743 mm)
C	Height	70 3/8" (1787 mm)
D	Back Clearance	2" (50 mm)
E	Depth without Door	26 1/2" (673 mm)
F	Depth	31 5/16" (795 mm)
G	Depth (Total with Drawer Open)	47 15/16" (1218 mm)
H	Depth (Total with Door Open 90°)	42 9/16" (1081 mm)

Removing/Assembling Doors and Drawers

If the entrance door is too narrow for the refrigerator to pass through, remove the refrigerator doors and move the refrigerator sideways through the doorway.

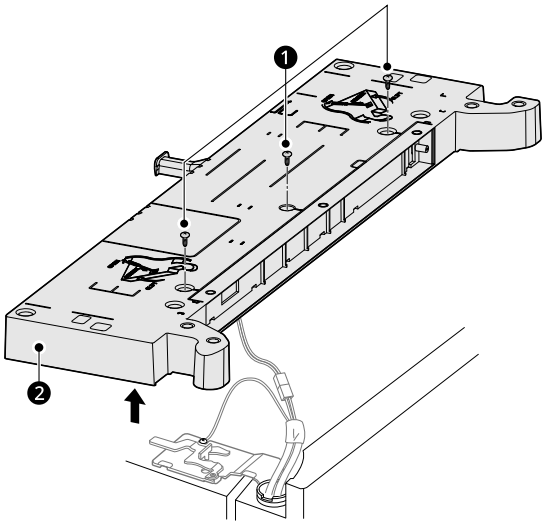
⚠ WARNING

- Use two or more people to remove and install the refrigerator doors and drawers.
- Disconnect the electrical supply to the refrigerator before installing.
- Do not put hands, feet or other objects into the air vents or bottom of the refrigerator.
- Be careful when handling the hinge and hinge lever.
- Remove food and kimchi containers before detaching the doors and drawers.
- Do not hold the handle when removing or replacing the doors and drawers as the handle may come off.

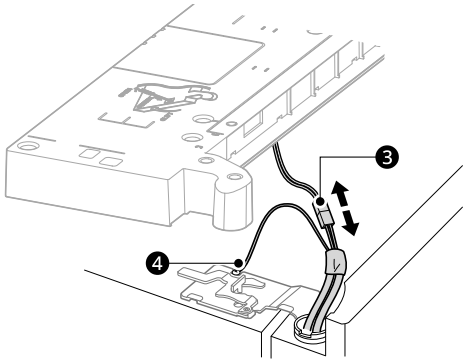
- Tools Needed
  - Phillips screwdriver
  - Flat-head screwdriver

Removing the Left Refrigerator Door

1 Remove the hinge cover screws ❶. Lift the hook (not visible), located at the bottom of the front side of the cover ❷, with a flat-head screwdriver.



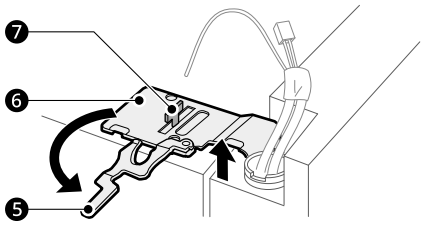
2 Remove the cover. Disconnect all wire harnesses ❸ and unscrew the ground wire ❹.



NOTE

- The number of wire harnesses may vary depending on the model.

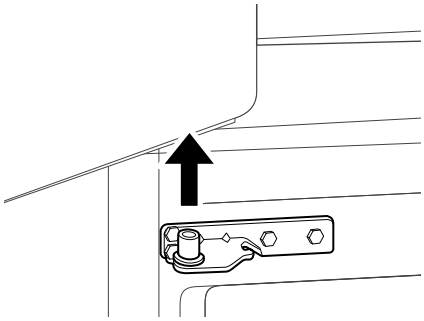
3 Rotate the hinge lever ❺ counterclockwise. Lift the top hinge ❻ free of the hinge lever latch ❼.



⚠ CAUTION

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

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

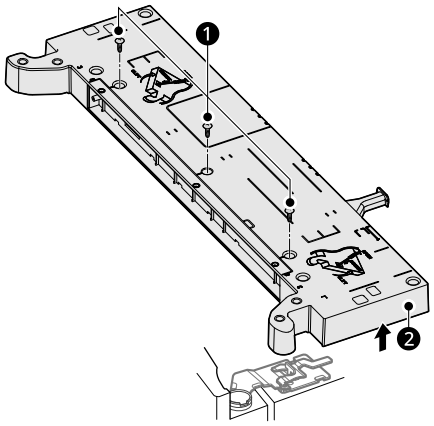


⚠ CAUTION

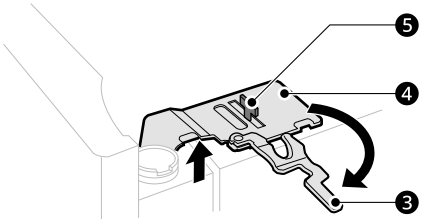
- Place the door, inside facing up, on a non-scratching surface.

Removing the Right Refrigerator Door

1 Remove the top hinge cover screws ❶. Lift the hook (not visible), located at the bottom of the front side of the cover ❷, with a flat-head screwdriver.



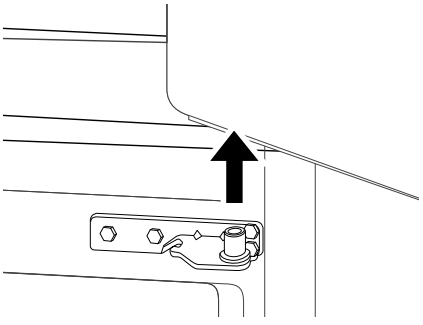
2 Rotate the hinge lever ❸ clockwise. Lift the top hinge ❹ free of the hinge lever latch ❺.



⚠ CAUTION

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

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



⚠ CAUTION

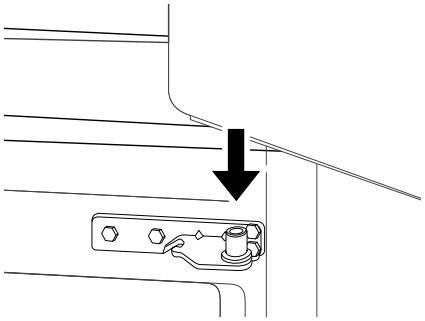
- Place the door, inside facing up, on a non-scratching surface.

Assembling the Right Refrigerator Door

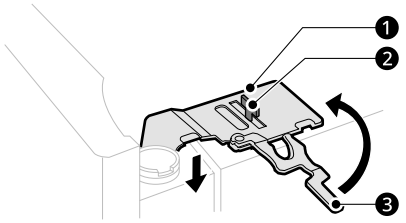
⚠ CAUTION

- Install the right-side door first.

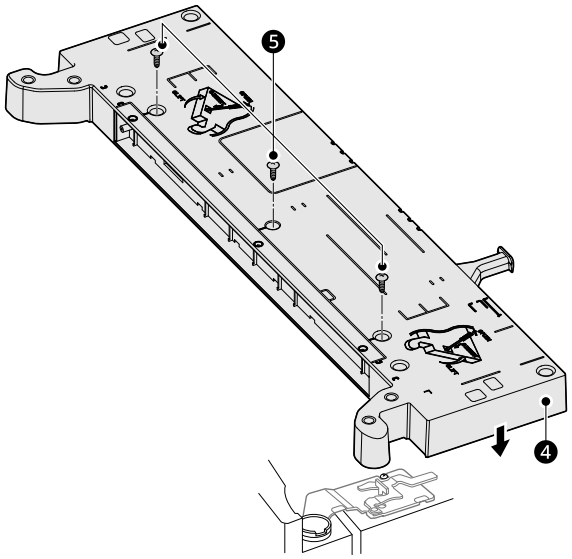
1 Make sure that the plastic sleeve is inserted in the bottom of the door. Lower the door onto the middle hinge pin as shown in the figure.



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



3 Set the hinge cover ❹ in place. Insert and tighten the cover screws ❺.

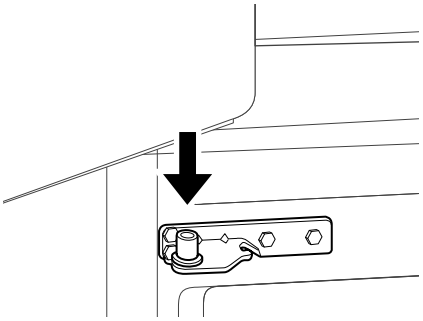


Assembling the Left Refrigerator Door

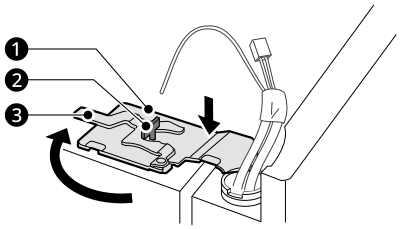
⚠ CAUTION

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

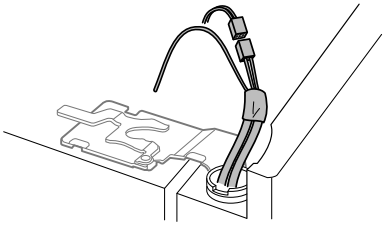
1 Make sure that the plastic sleeve is inserted in the bottom of the door. Lower the door onto the middle hinge pin as shown in the figure.



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



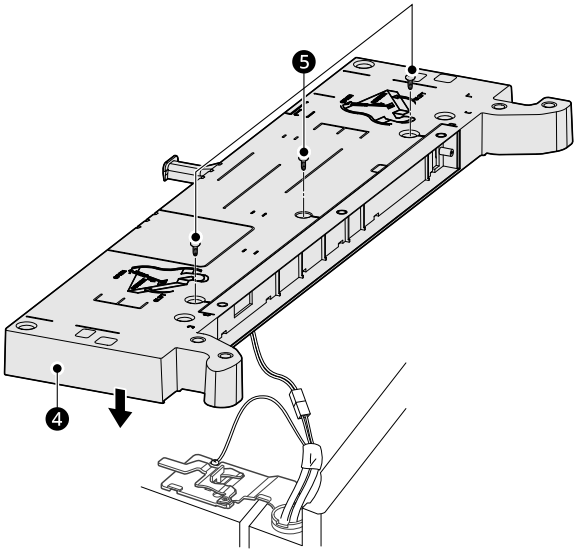
3 Connect all the wire harnesses and the ground screw.



NOTE

- The number of wire harnesses may vary depending on the model.

4 Set the hinge cover ❹ in place. Insert and tighten the cover screws ❺.



Removing Middle and Bottom Compartments

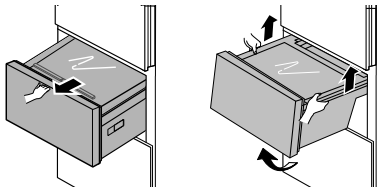
⚠ CAUTION

- Take care when removing the bottom compartment to avoid injuring your feet.
- The basket and compartment assemblies are heavy. Empty contents before removing or assembling compartments and use proper lifting techniques to avoid injury.

1 Open the compartment completely.

2 Lift up the compartment and basket assembly slightly until it clears the rail safety stops and pull it forward until it stops.

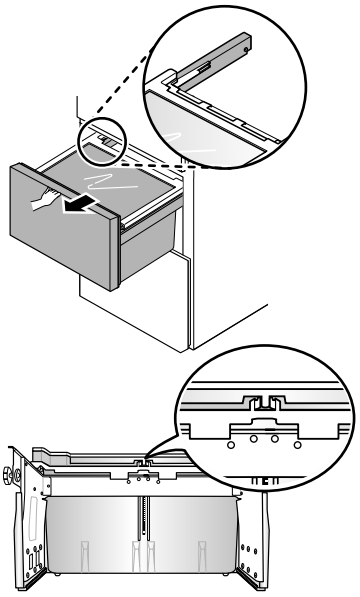
3 Lift the basket and compartment assembly to remove it.



- The baskets cannot be removed separately from the middle or bottom compartment. The entire basket and compartment assembly must be removed together.

Assembling Middle and Bottom Compartments

1 To reassemble the compartment, align it with the rails and insert it until it stops, lift it to clear the safety rail stops and push it in completely.



Leveling and Door Alignment

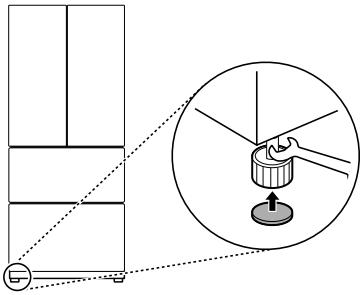
Leveling

The refrigerator has two front leveling legs. Adjust the legs to alter the tilt from 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 instructions below:

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

NOTE

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



2 Rubber pads were enclosed with the manual. Place the rubber pads under the leveling legs to prevent the refrigerator from sliding backward.

3 Open the door and drawers, 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 sure to turn both leveling legs the same amount.

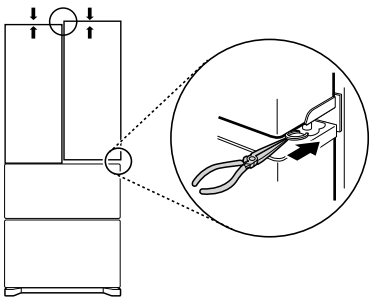
Door Alignment

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

1 With one hand, lift up the door to raise it at the middle hinge. (It may be easier to lift it with the doors open.)

2 With the other hand, use pliers to insert the snap ring on the middle hinge of the door section as shown.

3 Insert additional snap rings until the door is aligned.



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.

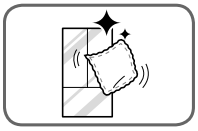
Position the Refrigerator

- Push the refrigerator back toward the wall, leaving adequate clearances.

OPERATION

Before Use

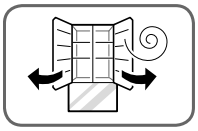
Checklist



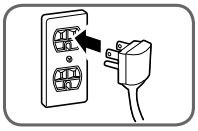
Clean the refrigerator.
Clean the refrigerator thoroughly and wipe off all dust that accumulated during shipping.

⚠ CAUTION

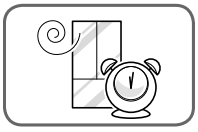
- Do not scratch the refrigerator with a sharp object or use a detergent that contains alcohol, a flammable liquid or an abrasive when removing any tape or adhesive from the refrigerator. Remove adhesive residue by wiping it off with your thumb or dish detergent.
- Do not peel off the model or serial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



Open refrigerator doors and middle and bottom compartments 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 drawers for ventilation.

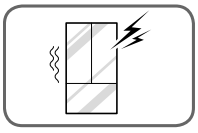


Connect the power supply.
Check if the power supply is connected before use.



Wait for the refrigerator to cool.
After the refrigerator is connected to power, it will take time to cool. The duration depends on the model and ambient conditions. In summer, it may take longer for the interior to cool down. Keep the refrigerator doors closed to allow it to cool down quickly.

- Don’t add food before the appliance has cooled. Food may spoil or odors may linger.
- To reach the set temperature quickly, keep the refrigerator doors closed after placing food inside.



The refrigerator makes a loud noise after initial operation.
This is normal. The volume will decrease as the temperature decreases.

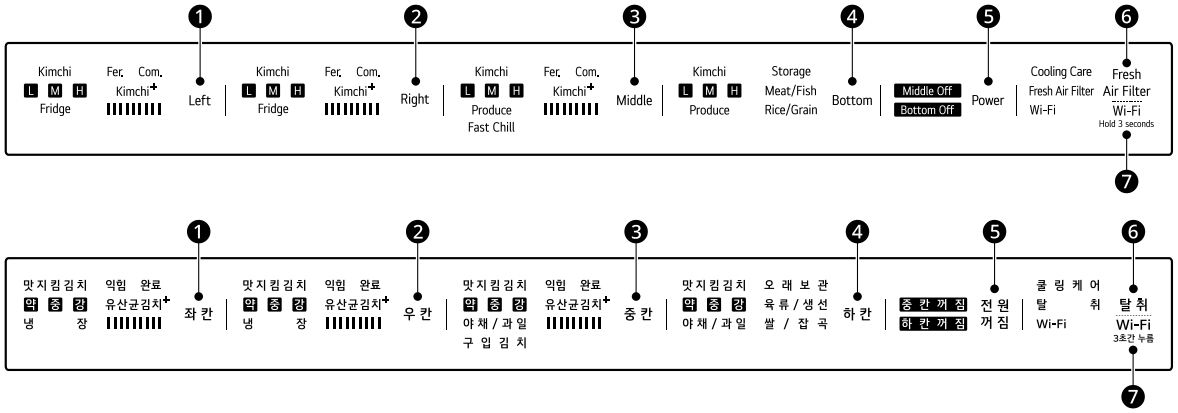
Control Panel

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

The actual control panel may differ from model to model.

Control Panel Features

Only English is supported on the display.



❶ Left

Press the **Left** button repeatedly to toggle through and change the setting for the left compartment.

❷ Right

Press the **Right** button repeatedly to toggle through and change the setting for the right compartment.

❸ Middle

Press the **Middle** button repeatedly to toggle through and change the setting for the middle compartment.

❹ Bottom

Press the **Bottom** button repeatedly to toggle through and change the setting for the bottom compartment.

❺ Power

Press the **Power** button to turn off the middle or bottom compartment, or all compartments.

Each time you press the button, the power turns off in this sequence: Middle compartment ⟶ Bottom compartment ⟶ All compartments

❻ Fresh Air Filter

Press to set the Fresh Air Filter mode.

The air filter helps remove odors from the appliance.

Press the **Fresh Air Filter** button. Deodorization begins and the LED stays lit until it is complete.

❼ Wi-Fi

Press and hold to connect 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. Refer to **SMART FUNCTIONS** for information on the initial setup of the application.

Press and hold the **Wi-Fi** button for 3 seconds to connect the appliance to a Wi-Fi network.

Changing the Settings

Press the **Left**, **Right**, **Middle**, or **Bottom** button to change settings for each compartment.

Select the setting based on the food items being stored. See **Storing Food** for detailed instructions.

- Available settings for Left compartment: **Kimchi**, **Fridge**, **Kimchi+** or **Fer.**
  - Each time you press the button, the setting changes in this sequence: **Kimchi M ⟶ Kimchi H ⟶ Kimchi L ⟶ Fridge M ⟶ Fridge H ⟶ Fridge L ⟶ Kimchi+ ⟶ Fer.**
- Available settings for Right compartment: **Kimchi**, **Fridge**, **Kimchi+** or **Fer.**
  - Each time you press the button, the setting changes in this sequence: **Kimchi M ⟶ Kimchi H ⟶ Kimchi L ⟶ Fridge M ⟶ Fridge H ⟶ Fridge L ⟶ Kimchi+ ⟶ Fer.**
- Available settings for Middle compartment: **Kimchi**, **Produce**, **Fast Chill**, **Kimchi+** or **Fer.**
  - Each time you press the button, the setting changes in this sequence: **Kimchi M ⟶ Kimchi H ⟶ Kimchi L ⟶ Produce M ⟶ Produce H ⟶ Produce L ⟶ Fast Chill ⟶ Kimchi+ ⟶ Fer.**
- Available settings for Bottom compartment: **Kimchi**, **Produce**, **Storage**, **Meat/Fish**, or **Rice/Grain**
  - Each time you press the button, the setting changes in this sequence: **Kimchi M ⟶ Kimchi H ⟶ Kimchi L ⟶ Produce M ⟶ Produce H ⟶ Produce L ⟶ Rice/Grain ⟶ Meat/Fish ⟶ Storage**
- L=Low Cooling (cold)
  M=Medium Cooling (colder)
  H=High Cooling (coldest)

Kimchi (All Compartments)

Kimchi can be made with many different ingredients.

The optimal storage temperature for kimchi depends on the main ingredients as well as the seasonings used. Use the Low setting for kimchi with a high water content. Use the High setting for very salty or highly seasoned kimchi.

1 Press the desired compartment button repeatedly to select **Kimchi**.
- Select the appropriate temperature M, H, or L for the type and salinity of kimchi.

Fridge (Left/Right Compartments)

Use the Fridge setting to refrigerate foods.

- After storing kimchi, the odor may linger inside of the appliance compartments. Clean the compartments before using them to store other food. See the **Maintenance** section for instructions.
- If kimchi is stored at the Fridge setting, it may ferment too quickly.

1 Press the desired compartment button repeatedly to select **Fridge**.

Fermenting Kimchi (Left/Right/Middle Compartments)

The appliance senses the external temperature and automatically adjusts the fermentation settings seasonally for best results.

- Kimchi ferments more quickly at the Fermentation setting than at the Storage setting.
- The fermentation time varies depending on season, room temperature, and the set temperature of the kimchi (low/medium/high).

1 Press the desired compartment button repeatedly to select **Fer.**

2 Once fermentation is complete, the **Fer. Com.** indicator lights up and “Kimchi M” appears in the display.

Produce (Middle/Bottom Compartments)

Use this setting to keep vegetables and fruit fresh for a long time.

1 Press the desired compartment button repeatedly to select **Produce**.

Fast Chill (Middle Compartment)

Use this setting to store commercially prepared kimchi. Kimchi purchased in a store has already been fermented, so it is best to cool it as rapidly as possible.

- When using the Fast Chill function, be sure to separate purchased kimchi from kimchi already being stored.
- Using this setting with kimchi that has already been cooled may freeze the kimchi.

1 Press the **Middle** button repeatedly to select **Fast Chill**.

- Allow 48 hours before resetting the Fast Chill setting. To prevent kimchi from freezing, the Fast Chill setting cannot be reset within 48 hours of first being set.

Kimchi+ (Left/Right/Middle Compartments)

- Use this setting with cabbage kimchi. The rapid cooling slows fermentation and encourages lactic acid formation, which keeps kimchi fresh longer.
  - This setting is only available in the left, right and middle compartments.
  - Use this setting only for cabbage kimchi. Less salty types of kimchi may freeze if stored at this setting.
  - Use this setting only for freshly prepared kimchi.
  - Using the setting twice may over-ferment the kimchi. Use it only once.
  - The bars light in the display to indicate the fermentation process. The kimchi is ready to eat when all the bars are lit (approximately 6 days).

1 Press the desired compartment button repeatedly to select **Kimchi+**.

Meat/Fish, Rice/Grain (Bottom Compartment)

Select the desired setting for extended food storage.

Meat/Fish

- Use to keep meat and fish fresh.
- If kimchi is stored at the Meat/Fish setting, it may freeze.

Rice/Grain

- Use to keep rice and grain fresh.

1 Press the **Bottom** button repeatedly to select **Meat/Fish** or **Rice/Grain**.

Storage (Bottom Compartment)

- This setting uses the Smart Cold Shock function to store kimchi at the lowest temperature and retain its taste for long periods.
- This setting is only available on the Bottom compartment.
- Vegetables may freeze if stored at this setting.

1 Press the **Bottom** button repeatedly to select **Storage**.

- When Storage is selected, Kimchi is automatically turned on.

  Vegetables and fruit may freeze if stored at this setting.

Storing Food

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.
- If doors are 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

- **Storing Vegetables and Fruit**

  The moisture left on vegetables after washing can make them spoil faster. Wait to wash vegetables until just before use. Leafy greens like kale or lettuce have a limited storage life. Wrap them in newspaper or in sealed containers to help them stay fresh longer.
- **Do not store tropical fruits in the refrigerator.**

  Bananas or uncut pineapples are damaged by cold temperatures.
- To store dried seafood, select "Produce" for the middle compartment and adjust the storage temperature to "low".
- Store vegetables or fruit in the designated containers to prevent them from freezing in the middle or lower compartment.
- Store rice or grain in the bottom compartment using the Rice/Grain setting.
- To avoid freezing vegetables, do not store them using the Storage setting in the bottom compartment.
- To avoid freezing kimchi, do not store it using the Meat/Fish setting in the middle compartment.

Tips for Storing Kimchi

- **Do not overfill the kimchi containers.**

  Allow space for the kimchi to expand as it ferments or the contents may overflow the container. Close the container lids completely to prevent the kimchi from fermenting too quickly or developing yeast mold.

  Fill the container with kimchi up to the fill line and make sure the lid is tightly closed before storing. Cover the surface of the kimchi with plastic wrap to extend the storage time.

- **Do not place kimchi directly into the refrigerator compartment or store it in a plastic bag.**

  Use the kimchi container provided to store kimchi. Kimchi placed directly into the refrigerator compartment may freeze and taste off. Do not block the air outlet inside the refrigerator with food. Doing so could cause the food to freeze, affect product performance, or result in electric shock or injury.

- **For best results, check on kimchi within 3 to 4 days of storing it.**

  If the kimchi has overflowed the container, it may ferment too quickly and not store well.

- **Do not place foods that require different storage conditions in the same compartment.**

  Select the appropriate settings for the food being stored.

- **Be sure to use enough salt when preparing kimchi for longer storage.**

  The rate of fermentation is mostly determined by the amount of salt in the kimchi.

  Small batches of mild kimchi can be successfully stored for short periods, but add more salt if storing large amounts for use over an extended period.

- **Use care when placing kimchi containers in the refrigerator.**

  Lift the container by the handles and avoid impacts to the bottom of the container. (The appearance of kimchi containers may vary by model.)

A Guide to Kimchi

- **The first step in fermenting kimchi is salt pickling.**

  The salt reacts with enzymes in the cabbage to break down proteins and begin fermentation immediately. This process continues even at cold temperatures. Traditionally, kimchi was allowed to ferment slowly during the cold winter weather.

- **The taste of kimchi also depends on the seasonings used.**

  Typical seasonings include green onion, garlic, ginger, salted fish, and chili powder. The combination of spices chosen determines the overall taste of the kimchi.

- **Fermentation Rates for Kimchi**

  Adding a lot of garlic, seafood, onions, chili powder, cucumber or green onions makes kimchi ferment more quickly. Adding salted oysters, salted shrimp or persimmon sauce really speeds up fermentation. On the other hand, adding leeks, mustard or ginseng slows down fermentation.

- **Kimchi begins fermenting as soon as it is prepared.**

  Contact with air will make kimchi sour. If the kimchi is not covered in sauce or has too little salt, a thin skin of yeast will form on its surface.

  Keep air away from the vegetables by covering them in sauce or placing the kimchi in a plastic bag or covering it with plastic wrap.

- **How Temperature Affects Kimchi**

  Temperature affects the fermentation rate of kimchi. Colder temperatures slow the fermentation rate.

- **Long-Term Storage of Kimchi**

  Like cheese, kimchi is a living organism and will change over time. To keep kimchi fresh for long periods, increase the salt content and store at a low temperature, near 32°F (0°C).

  Press vegetables down so they are covered with sauce and cover the container with plastic wrap or a layer of cabbage leaves to keep air out and keep kimchi fresh longer.

- **Choosing the Right Cabbage for Kimchi**

  There are many different kinds of cabbage available. For kimchi, choose a medium sized cabbage which is rounded rather than long and thin. The inner leaves should be sweet and paler than the outer leaves. Outer leaves should be thin and light green.

- **Selecting Radishes for Kimchi**

  There are many types of radish kimchi, and different radishes are used for different types of kimchi.

  For radish kimchi, use Korean radishes that have pale green tops and well-spread leaves.

  For chonggak (young radish) kimchi, use Seoul radishes that have round, thick bottoms.

  For kkakdugi (cubed radish kimchi), try to find radishes with white rather than green tops.

  For dongchimi, use radishes with soft leaves and white rather than green tops.

Proper Food Storage Techniques

- **Store kimchi in the kimchi container.**

  Fill the container with kimchi only up to the fill line and make sure the lid is tightly closed before storing.

  If the lid is not closed properly, a thin film of yeast can form on the surface of the kimchi or the kimchi may ferment too quickly. Cover the surface of the kimchi with plastic wrap or a layer of cabbage leaves before storing it to prevent yeast from forming.

- **Store vegetables or fruits in the designated container.**

  Some vegetables and fruits are damaged by cold air. Vegetables which are damp from being washed tend to spoil more quickly. For best results, don't wash vegetables before storing them.

  Do not refrigerate tropical fruits like bananas or pineapples, which are damaged by cold temperatures.

- **Allow hot food to cool to room temperature before refrigerating it.**

  Placing hot food directly into the refrigerator can raise the temperature of surrounding food items, leading to spoilage and higher utility bills.

- **Long-Term Storage of Kimchi**

  Place newly prepared kimchi into the refrigerator and select the Kimchi setting.

  Depending on the type and saltiness of the kimchi, select the Low, Medium, or High setting.

  For best long-term storage, make sure the vegetables are completely submerged in the sauce and cover the kimchi with plastic wrap.

- **Storing Purchased Kimchi**

  If kimchi will be consumed within a short time, select the Fast Chill setting. If kimchi will be stored for a long time, select the Storage setting.

- **Before storing vegetable oils in the refrigerator, read the storage instructions on the container.**

  Vegetable oil bottles can become messy with use. Place oil bottles in disposable or left over plastic containers to avoid having to clean refrigerator shelves.

- **Select the appropriate temperature for the food being stored.**

  Storing kimchi at the Fermentation setting may cause it to spoil.

  Some types of kimchi may freeze if stored at the High setting. Check on kimchi often when using the High setting.

  Storing other food along with kimchi in a storage container may result in the other food freezing.

- **Using the Different Containers**

  For best results when using the Refrigerator setting, store containers which are similar in size, smaller containers, or bottles.

  - Storing kimchi in the provided kimchi container in the designated position makes the most delicious kimchi.
  - Do not store kimchi in glass bottles. The kimchi will expand when frozen and the bottle may break, causing a risk of injury.
  - Do not place containers near the air outlet in the refrigerator. The food may freeze.

- **Fermenting Kimchi**

  Avoid opening the compartment door while kimchi is fermenting.

  Allowing the warmer outside air in during fermentation can affect the taste of the kimchi.

- **Getting Rid of Food Odors**

  Cover open food containers with plastic wrap before storing to prevent transfer of odors inside the refrigerator.

- **After installation, allow the refrigerator to cool completely before storing food.**

  Food may spoil and cause odors to linger if it is stored before the refrigerator has been allowed to reach the set temperature.

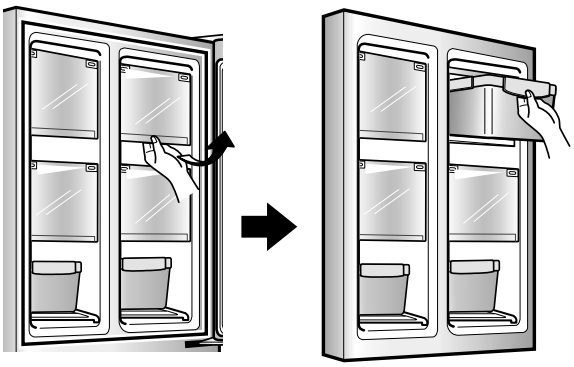
Left and Right Compartments

Removing Kimchi Containers from the Left and Right Compartments

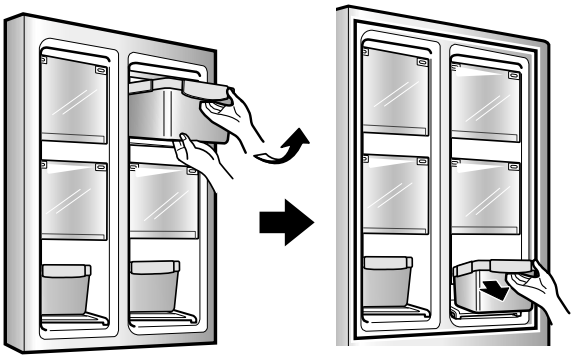
⚠ CAUTION

- Take care when moving the kimchi containers. If they are very full, they can be heavy.

1 Pull the flip-up cover forward to release it then slide it in under the shelf above.



2 Use the handles to pull the kimchi container forward and remove it.



Middle and Bottom Compartments

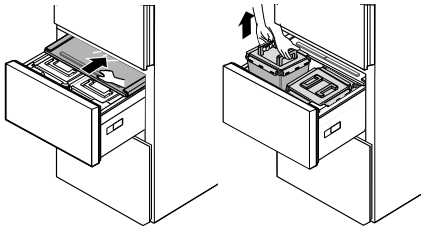
The Middle and Bottom compartments provide storage space with a variable temperature control that can be adjusted to keep the compartment either colder or warmer than the refrigerator.

Use them to store produce, meat/fish and rice/grain.

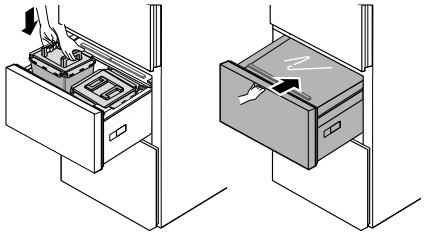
- The Middle and Bottom compartments feature covers to lock in cold air.
- The covers stabilize the temperature and help maintain the humidity level inside the drawers.

Using Middle and Bottom Compartments

1 Open the compartment and gently slide the cover back. Lift the kimchi containers by the handle to remove them.



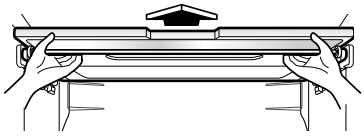
2 Closing the compartment automatically closes the cover.



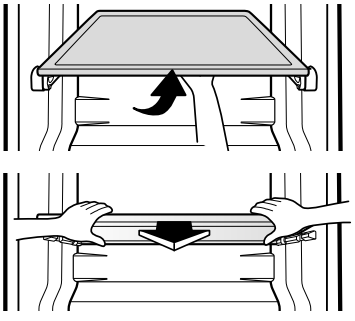
Flip-up Cover

Detaching/Assembling Shelves

1 To detach, slide the shelf to one side and pull it forward.



2 Lift the rear of the shelf slightly and pull it out.



3 To assemble, slide the shelf into the guides until it stops.

SMART FUNCTIONS

LG ThinQ Application

This feature is only available on models with Wi-Fi.

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

LG ThinQ Application Features

† This feature is only available on some models.

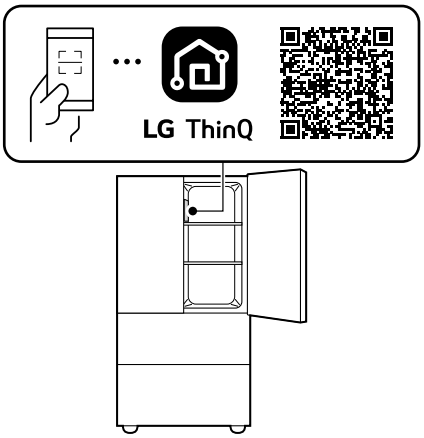
- **Push Messages**†
  - If the door remains open for more than ten minutes, you will receive a push message.
- **Smart Diagnosis**™
  - This function provides useful information for diagnosing and solving issues with the appliance based on the pattern of use.
- **Settings**
  - Allows you to set various options on the refrigerator and in the application.

NOTE

- In the following cases, you must update the network information for each appliance in the **LG ThinQ** application under **Device Cards ⟶ Settings ⟶ Change Network**.
  - wireless router is changed
  - wireless router password is changed
  - Internet service provider is changed
- This information is current at the time of publication. The application is subject to change for product improvement purposes without notice to users.

Installing LG ThinQ Application and Connecting an LG Appliance

Scan the QR code attached to the product using the camera or a QR code reader application on your smartphone.



NOTE

- To verify the Wi-Fi connection, check that the Wi-Fi indicator 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.
- The surrounding wireless environment can make the wireless network service run slowly.
- If the distance between the appliance and the wireless router is too far, the signal becomes weak. It may take a long time to connect or fail to install the application.
- 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 network connection may not work properly depending on the Internet service provider.
- The Wi-Fi may not connect or the connection may be interrupted because of the home network environment.
- If the appliance cannot be connected due to problems with the wireless signal transmission, unplug the appliance and wait about a minute before trying again.

NOTE

- 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**, network setup may fail. Change the security protocol (**WPA2** is recommended), and connect the product again.
- To disable the Wi-Fi function, press and hold the **Wi-Fi** button for 3 seconds. The Wi-Fi indicator will be turned off.
- To reconnect the appliance or add 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 connect the appliance.

Radio Equipment Specifications

Type	Operating Frequency Range	Output Power (Max.)
Wireless LAN	2400 MHz - 2472 MHz	< 1 W
Bluetooth†	2400 MHz - 2483.5 MHz	

† This feature is only available on some models.

FCC Statement

The following notice covers the transmitter module contained in this product.

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

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

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

(1) This device may not cause harmful interference and

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

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

FCC RF Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

This equipment should be installed and operated with a minimum distance of 20 cm (7.8 inches) between the antenna and your body. Users must follow the specific operating instructions for satisfying RF exposure compliance.

Industry Canada Statement

This device contains licence-exempt transmitter(s)/ receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

(1) This device may not cause interference.

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

IC Radiation Exposure Statement

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment.

This equipment should be installed and operated with a minimum distance of 20 cm (7.8 inches) between the antenna and your body.

NOTE

- THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT. SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

Open Source Software Notice Information

To obtain the source code that is contained in this product, under GPL, LGPL, MPL, and other open source licenses that have the obligation to disclose source code, and to access all referred license terms, copyright notices and other relevant documents, please visit https://opensource.lge.com.

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 to anyone in receipt of this information for a period of three years after our last shipment of this product.

Smart Grid Function

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

- You can override the Smart Grid function any time (using the Smart Grid button or application).

Smart Grid Application Features

- Smart Saving_Demand Response
  - You can lower energy usage based on Demand Response (DR) signals from the utility company. If the refrigerator is operating in Smart Saving mode according to the DR signal, you can see a pop up.
- Seasonal Energy Savings
  - Lower energy usage based on time period.

Using the Smart Grid Function

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

If the refrigerator receives a Demand Response signal from the utility company, the refrigerator will turn on the Grid LED on the refrigerator display and control its power consumption according to the signal. The refrigerator will respond to the signals received from the utility company as long as product performance is maintained.

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

Delay Appliance Load (DAL)

The refrigerator responds to a DAL signal by providing a moderate load reduction for the duration of the delay period.

This mode controls functions that consume a lot of energy such as adjusting the cooling system, running the defrost cycle, and making ice.

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

Temporary Appliance Load Reduction (TALR)

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

- When the refrigerator operates in TALR mode, the Grid LED is illuminated on the refrigerator display.
- TALR mode is automatically deactivated after the received duration (max. 10 minutes), or when you override the Smart Grid function. The mode is immediately deactivated and the refrigerator

returns to its normal state when the door is opened or closed, or the dispenser is used.

Override Smart Grid Mode

To ignore the Demand Response signal from the utility company and override the Smart Grid function, push the Smart Grid button while the refrigerator is in Smart Grid mode.

When you override the Smart Grid function, the refrigerator ignores the Demand Response signal and is no longer controlled by the utility company until the next Demand Response signal is sent. You can also override the Smart Grid function using the smart phone app.

LG Open API

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

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

API List

- Demand Response
  - Send demand response signal
- Power Saving
  - Set saving mode
  - Get schedule of DR/Delay Defrost
- Energy Monitoring
  - Get door open event
  - Get energy consumption
- Delay Defrost Capability
  - Insert a delay defrost schedule event
  - Update a delay defrost schedule event
  - Delete a delay defrost schedule event
  - Get the delay defrost schedule

Smart Diagnosis™ Feature

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.

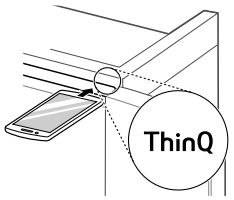
Using Audible Diagnosis to Diagnose Issues

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 Open the left and right compartments of the refrigerator.

2 Hold the mouthpiece of your phone in front of the speaker that is located on the right hinge of the refrigerator door.



3 Press and hold the **Bottom** button for three seconds while continuing to hold your phone to the speaker.

4 After you hear three beeps, release the **Bottom** button.

5 Keep the phone in place until the tone transmission has finished. After the tones have stopped, 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.

General Cleaning Tips

- All compartments defrost automatically; however, clean all 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 the direction of the 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.

To clean products with a mirrored glass door, use the microfiber cloth that came with the product. To remove stains more easily, spray the cloth with a glass cleaner and wipe the surface.

Containers and Bins

- Containers and bins can easily become dirty from spilled food. Remove them occasionally and rinse them out to avoid odors.
- Shelves can become dirty from spilled food.

  Remove them occasionally and clean with a damp cloth. To remove the shelf, lift it at the back and pull it forward.

  Do not remove the shelves for any purpose other than cleaning.
- Before cleaning the container lids, remove the rubber packing from inside the lid. Remember to replace the rubber packing once the lids are clean.

  Do not clean the containers and lids in water hotter than 122°F (50°C).

  Gently clean the containers with a soft sponge to avoid scratching the surface.

Cleaning Kimchi Containers

- Kimchi containers may emit a plastic odor when you first use them, so clean them using a soft sponge and neutral detergent.
- When used for a long period of time, the distinct color and odor of kimchi can permeate the container.
- Before cleaning the container lids, remove the rubber packing from inside the lid. Remember to replace the rubber packing once the lids are clean.
- Do not clean the containers and lids in water hotter than 122°F (50°C).
- Gently clean the containers with a soft sponge to avoid scratching the surface.
- To remove lingering odor from kimchi containers, place some finely chopped leafy green vegetables in the container, close the lid and leave for 24 hours at room temperature. After 24 hours, open the lid and add about 1 gallon of rinse water from cleaning rice to the container and leave it open at room temperature for 30 minutes. After 30 minutes, rinse out the container and allow it to air dry.

⚠ CAUTION

- Do not wash the lid of the kimchi container in the dishwasher. Hand-wash only.

Inside Walls

- Allow the 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

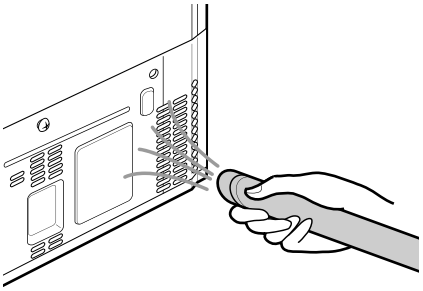
Use a clean sponge or soft cloth and a mild detergent in warm water. Do not use cleaning waxes, concentrated detergents, bleaches, or cleaners containing petroleum on plastic refrigerator parts.

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.

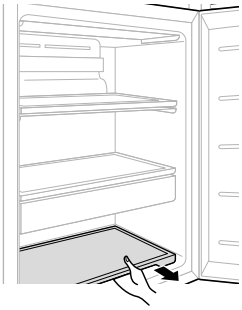


Air Filter

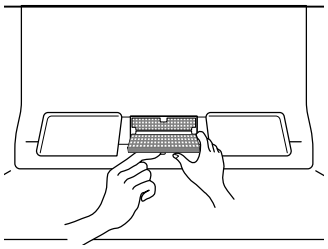
Reusing the Fresh Air Filter

You can remove the odors absorbed by the Fresh Air Filter and reuse it.

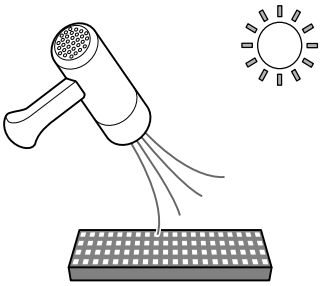
1 Pull out the shelf in the top compartment.



2 Press on the hook inside the top compartment and remove the Fresh Air Filter.



3 Dry it using a hair dryer or by exposing it to sunlight. The filter is reusable.



NOTE

- To increase deodorizing performance, a natural palm wood material is attached to the filter. If residue falls off, it will not harm you and can be wiped off easily with a towel or cloth.
- Reinstall the shelf when you are done.

TROUBLESHOOTING

Before Calling for Service

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

For detailed information or videos, visit www.lg.com for the troubleshooting page.

Cooling

Problem	Possible Cause & Solution
Refrigerator is not cooling or has no power.	**The refrigerator control is set to OFF (some models).** • Turn the control ON. Refer to the Setting the Controls section for proper temperature settings.
	Refrigerator is in the defrost cycle. • During the defrost cycle, the temperature of each compartment may rise slightly. Wait 30 minutes and confirm the proper temperature has been restored once the defrost cycle has completed.
	Refrigerator was recently installed. • It may take up to 24 hours for each compartment to reach the desired temperature.
	Refrigerator was recently relocated. • If the refrigerator was stored for a long period of time or moved on its side, it is necessary for the refrigerator to stand upright for 24 hours before connecting it to power.
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.
	Refrigerator is installed in a hot location. • The compressor will run longer under warm conditions. At normal room temperatures (70 °F or 21 °C) expect your compressor to run about 40 % to 80 % of the time. Under warmer conditions, expect it to run even more often. The refrigerator should not be operated above 110 °F (43 °C).
	Condenser / back cover is clogged. • Use a vacuum cleaner with an attachment to clean the condenser cover and vents. Do not remove the panel covering the condenser coil area.
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. • Firmly push the doors shut.

Problem	Possible Cause & Solution
Interior moisture buildup.	**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 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.
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 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.
	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.

Problem	Possible Cause & Solution
Refrigerator or Freezer section is too warm.	**Unit is installed in a hot location.** • The refrigerator should not be operated in temperatures above 110 °F (43 °C).
	A large amount of food or hot food was added to either compartment. • Adding food warms the compartment requiring the cooling system to run. Allowing hot food to cool to room temperature before putting it in the refrigerator will reduce this effect.
	Doors are not closed correctly. • See the "Doors will not close correctly or pop open" section in the 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.

Parts & Features

Problem	Possible Cause & Solution
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.
	The doors were removed during product installation and not properly replaced. • Remove and replace the doors according to the Removing/Assembling Doors and Drawers section.
	Refrigerator is not leveled properly. • See Leveling in the 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 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 or replaced.** • Set the Fresh Air Filter setting. If the odor does not go away within 24 hours, the filter may need to be replaced. See the Reusing the Fresh Air Filter section for replacement instructions.

Problem	Possible Cause & Solution
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 & Solution
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 section.
	Refrigerator with linear compressor was jarred while running. • Normal Operation
Whooshing	**Evaporator fan motor is circulating air through the refrigerator 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

Wi-Fi

Problem	Possible Cause & Solution
Trouble connecting appliance and smartphone to Wi-Fi network	**The password for the Wi-Fi network was entered incorrectly.** • Delete your home Wi-Fi network and begin the connection process again.
	Mobile data for your smartphone is turned on. • Turn off the **Mobile data** on your smartphone before connecting the appliance.
	The wireless network name (SSID) is set incorrectly. • The wireless network name (SSID) should be a combination of English letters and numbers. (Do not use special characters.)
	The router frequency is not 2.4 GHz. • Only a 2.4 GHz router frequency is supported. Set the wireless router to 2.4 GHz and connect the appliance to the wireless router. To check the router frequency, check with your Internet service provider or the router manufacturer.
	The appliance and the router are too far apart. • If the appliance is too far from the router, the signal may be weak and the connection may not be configured correctly. Move the router closer to the appliance or purchase and install a Wi-Fi repeater.
	During Wi-Fi setup, the app is requesting a password to connect to the product (on certain phones). • Locate the network name which starts with "LG" under Settings > Networks. Note the last part of the network name. - If the network name looks like LGE_Appliance_XX-XX-XX, enter lge12345. - If the network name looks like LGE_Appliance_XXXX, enter XXXX twice as your password. For example, if the network name appears as LGE_Appliance_8b92, then you would enter 8b928b92 as your password. In this instance, the password is case sensitive and the last 4 characters are unique to your appliance.

LIMITED WARRANTY

USA

TERMS AND CONDITIONS

ARBITRATION NOTICE: THIS LIMITED WARRANTY CONTAINS AN ARBITRATION PROVISION THAT REQUIRES YOU AND LG ELECTRONICS ("LG") TO RESOLVE DISPUTES BY BINDING ARBITRATION INSTEAD OF IN COURT, UNLESS YOU CHOOSE TO OPT OUT. IN ARBITRATION, CLASS ACTIONS AND JURY TRIALS ARE NOT PERMITTED. PLEASE SEE THE SECTION TITLED "PROCEDURE FOR RESOLVING DISPUTES" BELOW.

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

<table>
<tr><th colspan="4">WARRANTY PERIOD</th></tr>
<tr><th>Refrigerator/Freezer</th><th>Sealed System (Condenser, Dryer, Connecting Tube and Evaporator)</th><th colspan="2">Compressor</th></tr>
<tr><td>One (1) year from the date of original retail purchase, or from the date of delivery as per applicable law</td><td>Five (5) years from the date of original retail purchase, or from the date of delivery as per applicable law</td><td>Five (5) years from the date of original retail purchase, or from the date of delivery as per applicable law</td><td rowspan="2">Linear / Inverter Compressor Only : Parts Only for years 6-10 from the date of original retail purchase, or from the date of delivery as per applicable law (You will be charged for labor.)</td></tr>
<tr><td>Parts and Labor (internal/ functional parts only)</td><td>Parts and Labor</td><td>Parts and Labor</td></tr>
</table>

- Replacement Products and parts are warranted for the remaining portion of the original warranty period or ninety (90) days, whichever is greater.
- Replacement Products and parts may be new, reconditioned, refurbished, or otherwise factory remanufactured.
- Replaced Product or part(s) will be the property of LG.
- Proof of original retail purchase specifying the Product model and date of purchase is required to obtain warranty service under this limited warranty.

EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ON THE PRODUCT IS LIMITED IN DURATION TO THE DURATION OF THE ABOVE LIMITED WARRANTY. UNDER NO CIRCUMSTANCES SHALL LG OR ITS U.S. DISTRIBUTORS/DEALERS BE LIABLE FOR ANY INDIRECT, INCIDENTAL, CONSEQUENTIAL, SPECIAL, OR PUNITIVE DAMAGES, INCLUDING, WITHOUT LIMITATION, LOST GOODWILL, LOST REVENUES OR PROFITS, WORK STOPPAGE, IMPAIRMENT OF OTHER GOODS, COST OF REMOVAL AND REINSTALLATION OF THE PRODUCT, LOSS OF USE, OR ANY OTHER DAMAGES WHETHER BASED IN CONTRACT, TORT, OR OTHERWISE. LG'S TOTAL LIABILITY, IF ANY, SHALL NOT EXCEED THE PURCHASE PRICE PAID BY YOU FOR THE PRODUCT.

SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES OR LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE EXCLUSIONS OR LIMITATIONS MAY NOT APPLY TO YOU. THIS LIMITED WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS AND YOU MAY ALSO HAVE OTHER RIGHTS THAT VARY FROM STATE TO STATE.

THIS LIMITED WARRANTY DOES NOT COVER:

- Service trips to deliver, pick up, or install, educate how to operate, correct wiring, or correct unauthorized repairs.
- Damage or failure of the Product to perform during power failures and interrupted or inadequate electrical service.
- Damage or failure of the Product caused by leaky or broken water pipes, frozen water pipes, restricted drain lines, inadequate or interrupted water supply or inadequate supply of air.
- Damage or failure of the Product resulting from operating the Product in a corrosive atmosphere or contrary to the Product owner's manual.
- Damage or failure of the Product caused by accidents, pests and vermin, lightning, wind, fire, floods, acts of nature, or any other causes beyond the control of LG.
- Damage or failure of the Product caused by unauthorized modification or alteration, or if the Product is used for other than the intended purpose, or any water leakage where the Product was not properly installed.
- Damage or failure of the Product caused by incorrect electrical current, voltage, or plumbing codes.
- Damage or failure of the Product caused by transportation, storage, and/or handling, including scratches, dents, chips, and/or other damage to the finish of the Product, unless such damage is reported within one (1) week of delivery.
- Damage or failure of the Product resulting from misuse, abuse, improper installation, repair, or maintenance. Improper repair includes the use of parts not authorized by LG. Improper installation or maintenance includes installation or maintenance contrary to the Product owner's manual.
- Damage or failure of the Product caused by the use of parts, components, accessories, consumable cleaning products, or any other products or services that were not authorized by LG.
- Damage or missing items to any display or open box Product.
- Refurbished Product or any Product sold "As Is", "Where Is", "With all Faults", or similar disclaimer.
- Products with original serial numbers that have been removed, altered, or cannot be readily determined.
- Increases in utility costs and additional utility expenses.
- Any noises associated with normal operation.
- Products used for other than normal and proper household use (e.g., commercial, business, or industrial settings, including any retail or food service establishments, or any commercial lodging/transient rental setting), or any use contrary to the Product owner's manual.
- Costs associated with removal and reinstallation of the Product for repairs, or the removal and reinstallation of the Product if it is installed in an inaccessible location or not installed in accordance with the Product Owner's manual.
- Accessories, removable components, or consumable parts (e.g. Shelves, door bins, drawers, water/air filters, racks, light bulbs, batteries, etc., as applicable), except for internal/functional parts covered under this limited warranty.

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

TO OBTAIN WARRANTY SERVICE AND ADDITIONAL INFORMATION

Call 1-800-243-0000 and select the appropriate option from the menu.

Or visit our website at **http://www.lg.com**

Or by mail: LG Electronics Customer Service P.O. Box 240007 Huntsville, AL 35813 ATTN: CIC

PROCEDURE FOR RESOLVING DISPUTES:

ALL DISPUTES BETWEEN YOU AND LG ARISING OUT OF OR RELATING IN ANY WAY TO THIS LIMITED WARRANTY OR THE PRODUCT SHALL BE RESOLVED EXCLUSIVELY THROUGH BINDING ARBITRATION, AND NOT IN A COURT OF GENERAL JURISDICTION. BINDING ARBITRATION MEANS THAT YOU AND LG ARE EACH WAIVING THE RIGHT TO A JURY TRIAL AND TO BRING OR PARTICIPATE IN A CLASS ACTION.

Definitions. For the purposes of this section, references to "LG" mean LG Electronics U.S.A., Inc., its parents, subsidiaries and affiliates, and each of their officers, directors, employees, agents, beneficiaries, predecessors in interest, successors, assigns and suppliers; references to "dispute" or "claim" shall include any dispute, claim or controversy of any kind whatsoever (whether based in contract, tort, statute, regulation, ordinance, fraud, misrepresentation or any other legal or equitable theory) arising out of or relating in any way to the sale, condition or performance of the product or this Limited Warranty.

Notice of Dispute. In the event you intend to commence an arbitration proceeding, you must first notify LG in writing at least 30 days in advance of initiating the arbitration by sending a letter to LG at LG Electronics, USA, Inc. Attn: Legal Department- Arbitration 111 Sylvan Avenue, Englewood Cliffs, NJ 07632. You and LG agree to engage in good faith discussions in an attempt to amicably resolve your claim. The notice must provide your name, address, and telephone number; identify the product that is the subject of the claim; and describe the nature of the claim and the relief being sought. If you and LG are unable to resolve the dispute within 30 days, either party may proceed to file a claim for arbitration.

Agreement to Binding Arbitration and Class Action Waiver. Upon failure to resolve the dispute during the 30 day period after sending written notice to LG, you and LG agree to resolve any claims between us only by binding arbitration on an individual basis, unless you opt out as provided below. Any dispute between you and LG shall not be combined or consolidated with a dispute involving any other person's or entity's product or claim. More specifically, without limitation of the foregoing, any dispute between you and LG shall not under any circumstances proceed as part of a class or representative action. Instead of arbitration, either party may bring an individual action in small claims court, but that small claims court action may not be brought on a class or representative basis.

Arbitration Rules and Procedures. To begin arbitration of a claim, either you or LG must make a written demand for arbitration. The arbitration will be administered by the American Arbitration Association ("AAA") and will be conducted before a single arbitrator under the AAA's Consumer Arbitration Rules that are in effect at the time the arbitration is initiated (referred to as the "AAA Rules") and under the procedures set forth in this section. The AAA Rules are available online at www.adr.org/consumer. Send a copy of your written demand for arbitration, as well as a copy of this provision, to the AAA in the manner described in the AAA Rules. You must also send a copy of your written demand to LG at LG Electronics, USA, Inc. Attn: Legal Department- Arbitration 111 Sylvan Avenue, Englewood Cliffs, NJ 07632. If there is a conflict between the AAA Rules and the rules set forth in this section, the rules set forth in this section will govern. This arbitration provision is governed by the Federal Arbitration Act. Judgment may be entered on the arbitrator's award in any court of competent jurisdiction. All issues are for the arbitrator to decide, except that issues relating to the scope and enforceability of the arbitration provision and to the arbitrability of the dispute are for the court to decide. The arbitrator is bound by the terms of this provision.

Governing Law. The law of the state of your residence shall govern this Limited Warranty and any disputes between us except to the extent that such law is preempted by or inconsistent with applicable federal law.

Fees/Costs. You do not need to pay any fee to begin an arbitration. Upon receipt of your written demand for arbitration, LG will promptly pay all arbitration filing fees to the AAA unless you seek more than $25,000 in damages, in which case the payment of these fees will be governed by the AAA Rules. Except as otherwise provided for herein, LG will pay all AAA filing, administration and arbitrator fees for any arbitration initiated in accordance with the AAA Rules and this arbitration provision. If you prevail in the arbitration, LG will pay your attorneys' fees and expenses as long as they are reasonable, by considering factors including, but not limited to, the purchase amount and claim amount. Notwithstanding the foregoing, if applicable law allows for an award of reasonable attorneys' fees and expenses, an arbitrator can award them to the same extent that a court would. If the arbitrator finds either the substance of your claim or the relief sought in the demand is frivolous or brought for an improper purpose (as measured by the standards set forth in Federal Rule of Civil Procedure 11(b)), then the payment of all arbitration fees will be governed by the AAA Rules. In such a situation, you agree to reimburse LG for all monies previously disbursed by it that are otherwise your obligation to pay under the AAA Rules. Except as otherwise provided for, LG waives any rights it may have to seek attorneys' fees and expenses from you if LG prevails in the arbitration.

Hearings and Location. If your claim is for $25,000 or less, you may choose to have the arbitration conducted solely on the basis of (1) documents submitted to the arbitrator, (2) through a telephonic hearing, or (3) by an in-person hearing as established by the AAA Rules. If your claim exceeds $25,000, the right to a hearing will be determined by the AAA Rules. Any in-person arbitration hearings will be held at a

location within the federal judicial district in which you reside unless we both agree to another location or we agree to a telephonic arbitration.

Opt Out. You may opt out of this dispute resolution procedure. If you opt out, neither you nor LG can require the other to participate in an arbitration proceeding. To opt out, you must send notice to LG no later than 30 calendar days from the date of the first consumer purchaser's purchase of the product by either: (i) sending an e-mail to optout@lge.com, with the subject line: "Arbitration Opt Out" or (ii) calling 1-800-980-2973. You must include in the opt out e-mail or provide by telephone: (a) your name and address; (b) the date on which the product was purchased; (c) the product model name or model number; and (d) the serial number (the serial number can be found (i) on the product; or (ii) online by accessing https://www.lg.com/us/support and clicking on "How do I find my model number?").

You may only opt out of the dispute resolution procedure in the manner described above (that is, by e-mail or telephone); no other form of notice will be effective to opt out of this dispute resolution procedure. Opting out of this dispute resolution procedure will not affect the coverage of the Limited Warranty in any way, and you will continue to enjoy the full benefits of the Limited Warranty. If you keep this product and do not opt out, then you accept all terms and conditions of the arbitration provision described above.

CANADA

TERMS AND CONDITIONS

ARBITRATION NOTICE: THIS LIMITED WARRANTY CONTAINS AN ARBITRATION PROVISION THAT REQUIRES YOU AND LG TO RESOLVE DISPUTES BY BINDING ARBITRATION INSTEAD OF IN COURT, UNLESS THE LAWS OF YOUR PROVINCE OR TERRITORY DO NOT PERMIT THAT, OR, IN OTHER JURISDICTIONS, IF YOU CHOOSE TO OPT OUT. FOR FURTHER CLARITY, THIS ARBITRATION PROVISION IS NOT APPLICABLE TO CONSUMERS RESIDING IN ONTARIO, BRITISH COLUMBIA OR QUÉBEC. IN ARBITRATION, CLASS ACTIONS AND JURY TRIALS ARE NOT PERMITTED. PLEASE SEE THE SECTION TITLED "PROCEDURE FOR RESOLVING DISPUTES" BELOW.

QUEBEC ONLY: LG stands behind its products and makes every reasonable effort to ensure its products can be maintained and repaired, as required. You may access the catalogue of available parts and services at https://www.lg.com/ca_en/support/. HOWEVER, LG IN NO WAY GUARANTEES AND MAKES NO REPRESENTATIONS REGARDING THE AVAILABILITY OF ANY SPECIFIC SPARE OR REPLACEMENT PART, REPAIR SERVICE OR INFORMATION OR INSTRUCTIONS FOR SUCH MAINTENANCE AT ANY TIME. LG EXPRESSLY DISCLAIMS ANY GUARANTEE, WARRANTY OR OBLIGATION IN RESPECT OF THAT AVAILABILITY.

Should your LG Refrigerator ("Product") fail due to a defect in materials or workmanship under normal and proper use, during the warranty period set forth below, LG Electronics Canada, Inc. ("LGECI") will, at its option, repair, replace or pro rate the Product upon receipt of proof of the original retail purchase. This limited warranty is valid only to the original retail purchaser of the Product and applies only to a Product distributed, purchased from an authorized retailer and used within Canada, as determined at the sole discretion of LGECI.

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

- Replacement products and parts are warranted for the remaining portion of the original warranty period or ninety (90) days, whichever is greater.
- Replacement products and parts may be new, reconditioned, refurbished, or otherwise factory remanufactured, all at the sole discretion of LGECI.
- Proof of original retail purchase specifying the Product model and date of purchase is required to obtain warranty service under this Limited Warranty.

DISCLAIMER:

IF YOU ARE A CONSUMER SUBJECT TO QUÉBEC, BRITISH COLUMBIA OR ONTARIO'S CONSUMER PROTECTION LEGISLATION, THE EXCLUSION OF WARRANTIES CONTAINED IN THIS SECTION DO NOT EXCLUDE OR LIMIT THE RIGHTS AND REMEDIES THAT YOU MAY HAVE UNDER SUCH ACT, INCLUDING THE RIGHT TO MAKE A CLAIM UNDER ANY OF THE STATUTORY WARRANTIES PROVIDED THEREUNDER.

LGECI'S SOLE LIABILITY IS LIMITED TO THE LIMITED WARRANTY SET OUT ABOVE, UNLESS SUCH LIMITATION IS PROHIBITED BY THE LAWS OF THE PROVINCE IN WHICH YOU RESIDE. EXCEPT AS EXPRESSLY PROVIDED ABOVE, OR IF OTHERWISE PROHIBITED BY THE LAW OF THE PROVINCE IN WHICH YOU RESIDE, LGECI DOES NOT MAKE ANY OTHER WARRANTIES OR CONDITIONS RESPECTING THE PRODUCT, AND HEREBY DISCLAIMS, ALL OTHER WARRANTIES AND CONDITIONS RESPECTING THE PRODUCT, WHETHER EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, AND NO REPRESENTATIONS SHALL BE BINDING ON LGECI. LGECI DOES NOT AUTHORIZE ANY PERSON TO CREATE OR ASSUME FOR IT ANY OTHER WARRANTY OBLIGATION OR LIABILITY IN CONNECTION

WITH THE PRODUCT. TO THE EXTENT THAT ANY WARRANTY OR CONDITION IS IMPLIED BY LAW, IT IS LIMITED TO THE WARRANTY PERIOD SET OUT ABOVE. UNDER NO CIRCUMSTANCES SHALL LGECI, THE MANUFACTURER OR DISTRIBUTOR OF THE PRODUCT, BE LIABLE FOR ANY INCIDENTAL, CONSEQUENTIAL, SPECIAL, DIRECT, INDIRECT, PUNITIVE OR EXEMPLARY DAMAGES, INCLUDING, WITHOUT LIMITATION, LOSS OF GOODWILL, LOST PROFITS, LOSS OF ANTICIPATED PROFITS, LOST REVENUE, LOSS OF USE, OR ANY OTHER DAMAGE, WHETHER ARISING DIRECTLY OR INDIRECTLY FROM ANY CONTRACTUAL BREACH, FUNDAMENTAL BREACH, TORT OR OTHERWISE, OR FROM ANY ACTS OR OMISSIONS. LGECI'S TOTAL LIABILITY, IF ANY, SHALL NOT EXCEED THE PURCHASE PRICE PAID BY YOU FOR THE PRODUCT.

This Limited Warranty gives you specific legal rights. You may also have other rights that vary from province to province depending on applicable provincial laws. Any term of this Limited Warranty that negates or varies any implied condition or warranty under provincial law is severable where it conflicts with such provincial law without affecting the remainder of this warranty's terms.

THIS LIMITED WARRANTY DOES NOT COVER:

- Service trips to i) deliver, pick up, or install or; educate on how to operate the Product; ii) correct wiring or plumbing; or iii) correct unauthorized repairs or installations of the Product;
- Damage or failure of the Product to perform during power failures and interrupted or inadequate electrical service;
- Damage or failure caused by leaky or broken water pipes, frozen water pipes, restricted drain lines, inadequate or interrupted water supply or inadequate supply of air;
- Damage or failure resulting from operating the Product in a corrosive atmosphere or contrary to the instructions outlined in the Product's owner's manual;
- Damage or failure to the Product caused by accidents, pests and vermin, lightning, wind, fire, floods, acts of God, or any other causes beyond the control of LGECI or the manufacturer;
- Damage or failure resulting from misuse, abuse, improper installation, repair, or maintenance of the Product. Improper repair includes use of parts not authorized or specified by LGECI. Improper installation or maintenance includes installation or maintenance contrary to the Product's owner's manual;.
- Damage or failure caused by unauthorized modification or alteration of the Product, or if used for other than the intended household purpose/use of the Product, or damage or failure resulting from any water leakage due to improper installation of the Product;
- Damage or failure caused by incorrect electrical current, voltage or plumbing codes;
- Damage or failure caused by use that is other than normal household use, including, without limitation, commercial or industrial use, including use in commercial offices or recreational facilities, or as otherwise outlined in the Product's owner's manual;
- Damage or failure caused by the use of any accessories, components or cleaning products, including, without limitation, water filters, that are not approved/authorized by LGECI;
- Replacement of the water filter cartridge due to water pressure that is outside the specified operating range or due to excessive sediment in the water supply;
- Damage or failure caused by transportation and handling, including scratches, dents, chips and/or other damage to the finish of the Product, unless such damage results from defects in materials or workmanship and is reported to LGECI within one (1) week of delivery of the Products;
- Damage or missing items to any display, open box, refurbished or discounted Product;
- Refurbished Product or any Product sold "As Is", "Where Is", "With all Faults", or any similar disclaimer;
- Products with original serial numbers that have been removed, altered or cannot be readily determined at the discretion of LGECI;
- Increases in utility costs and additional utility expenses in any way associated with the Product;
- Any noises associated with normal operation of the Product;
- Replacement of light bulbs, filters, fuses or any other consumable parts;
- Replacement of any part that was not originally included with the Product;

- Costs associated with removal and/or reinstallation of the Product for repairs; and
- Shelves, door bins, drawers, handle and accessories to the Product, except for internal/functional parts covered under this Limited Warranty.
- Coverage for "in Home" repairs, for products in-warranty, will be provided if the Product is within a 150 km radius from the nearest authorized service center (ASC), as determined by LG Canada. If your Product is located outside a 150 km radius from a ASC, as determined by LG Canada, it will be your responsibility to bring the Product, at your sole expense, to the ASC for in-warranty repair.

All costs and expenses associated with the above excluded circumstances, listed under the heading, This Limited Warranty Does Not Cover, shall be borne by the consumer.

TO OBTAIN WARRANTY SERVICE AND ADDITIONAL INFORMATION, PLEASE CALL OR VISIT OUR WEBSITE:

Call 1-888-542-2623 (8 am - 9 pm EST, 365 days) and select the appropriate option from the menu, or visit our website at **http://www.lg.com**

PROCEDURE FOR RESOLVING DISPUTES:

EXCEPT WHERE PROHIBITED AT LAW (INCLUDING WITH RESPECT TO QUÉBEC, BRITISH COLUMBIA AND ONTARIO CONSUMERS), ALL DISPUTES BETWEEN YOU AND LG ARISING OUT OF OR RELATING IN ANY WAY TO THIS LIMITED WARRANTY OR THE PRODUCT SHALL BE RESOLVED EXCLUSIVELY THROUGH BINDING ARBITRATION, AND NOT IN A COURT OF GENERAL JURISDICTION. EXCEPT WHERE PROHIBITED AT LAW (INCLUDING WITH RESPECT TO QUÉBEC, BRITISH COLUMBIA AND ONTARIO CONSUMERS), YOU AND LG BOTH IRREVOCABLY AGREE TO WAIVE THE RIGHT TO A JURY TRIAL AND TO BRING OR PARTICIPATE IN A CLASS ACTION.

Definitions. For the purposes of this section, references to “LG” mean LG Electronics Canada, Inc., its parents, subsidiaries and affiliates, and each of their officers, directors, employees, agents, beneficiaries, predecessors in interest, successors, assigns and suppliers; references to “dispute” or “claim” shall include any dispute, claim or controversy of any kind whatsoever (whether based in contract, tort, statute, regulation, ordinance, fraud, misrepresentation or any other legal or equitable theory) arising out of or relating in any way to the sale, condition or performance of the product or this Limited Warranty.

Notice of Dispute. In the event you intend to commence an arbitration proceeding, you must first notify LG in writing at least 30 days in advance of initiating the arbitration by sending a letter to LGECI Legal Team at 20 Norelco Drive, North York, Ontario, Canada M9L 2X6 (the “Notice of Dispute”). You and LG agree to engage in good faith discussions in an attempt to amicably resolve your claim. The notice must provide your name, address, and telephone number; identify the product that is the subject of the claim; and describe the nature of the claim and the relief being sought. If you and LG are unable to resolve the dispute within 30 days of LG’s receipt of the Notice of Dispute, the dispute shall be resolved by binding arbitration in accordance with the procedure set out herein. You and LG both agree that, during the arbitration proceeding, the terms (including any amount) of any settlement offer made by either you or LG will not be disclosed to the arbitrator until the arbitrator determines the dispute.

Agreement to Binding Arbitration and Class Action Waiver. Upon failure to resolve the dispute during the 30 day period after LG’s receipt of the Notice of Dispute, you and LG agree to resolve any claims between you and LG only by binding arbitration on an individual basis, unless you opt out as provided below, or you reside in a jurisdiction that prevents full application of this clause in the circumstances of the claims at issue (in which case if you are a consumer, this clause will only apply if you expressly agree to the arbitration). To the extent permitted by applicable law, any dispute between you and LG shall not be combined or consolidated with a dispute involving any other person’s or entity’s product or claim. More specifically, without limitation of the foregoing, except to the extent such a prohibition is not permitted at law, any dispute between you and LG shall not under any circumstances proceed as part of a class or representative action. Instead of arbitration, either party may bring an individual action in small claims court, but that small claims court action may not be brought on a class or representative basis except to the extent this prohibition is not permitted at law in your province or territory of jurisdiction as it relates to the claims at issue between you and LG. This does not apply to consumers in Ontario, British Columbia and Québec. In accordance with provincial legislation, the consumer and LG may agree to resolve the dispute using any procedure available, including commencing the action before the competent courts of those provinces.

Arbitration Rules and Procedures. To begin arbitration of a claim, either you or LG must make a written demand for arbitration. The arbitration will be private and confidential, and conducted on a simplified and expedited basis before a single arbitrator chosen by the parties under the provincial or territorial commercial arbitration law and rules of the province or territory of your residence. You must also send a copy of your written demand to LG at LG Electronics, Canada, Inc., Attn: Legal Department- Arbitration, 20 Norelco Drive, North York, Ontario M9L 2X6. This arbitration provision is governed by your applicable provincial or territorial commercial arbitration legislation. For consumers in Ontario, British Columbia and Québec, the applicable arbitration legislation only applies if consumers agree to submit the dispute to arbitration. Judgment may be entered on the arbitrator's award in any court of competent jurisdiction. All issues are for the arbitrator to decide, except that, issues relating to the scope and enforceability of the arbitration provision and to the arbitrability of the dispute are for the court to decide. The arbitrator is bound by the terms of this provision.

Governing Law. The law of the province or territory of your purchase shall govern this Limited Warranty and any disputes between you and LG except to the extent that such law is preempted by or inconsistent with applicable federal or provincial/territorial law. Should arbitration not be permitted for any claim, action, dispute or controversy between you and LG, you and LG attorn to the exclusive jurisdiction of the courts of the province or territory of your purchase for the resolution of the claim, action, dispute or controversy between you and LG.

Fees/Costs. You do not need to pay any fee to begin an arbitration. Upon receipt of your written demand for arbitration, LG will promptly pay all arbitration filing fees unless you seek more than $25,000 in damages, in which case the payment of these fees will be governed by the applicable arbitration rules. Except as otherwise provided for herein, LG will pay all filing, administration and arbitrator fees for any arbitration initiated in accordance with the applicable arbitration rules and this arbitration provision. If you prevail in the arbitration, LG will pay your attorneys' fees and expenses as long as they are reasonable, by considering factors including, but not limited to, the purchase amount and claim amount. Notwithstanding the foregoing, if applicable law allows for an award of reasonable attorneys' fees and expenses, an arbitrator can award them to the same extent that a court would. If the arbitrator finds either the substance of your claim or the relief sought in the demand is frivolous or brought for an improper purpose (as measured by the applicable laws), then the payment of all arbitration fees will be governed by the applicable arbitration rules. In such a situation, you agree to reimburse LG for all monies previously disbursed by it that are otherwise your obligation to pay under the applicable arbitration rules. Except as otherwise provided for, LG waives any rights it may have to seek attorneys' fees and expenses from you if LG prevails in the arbitration.

Hearings and Location. If your claim is for $25,000 or less, you may choose to have the arbitration conducted solely (1) on the basis of documents submitted to the arbitrator, (2) through a telephonic hearing, or (3) by an in-person hearing as established by the applicable arbitration rules. If your claim exceeds $25,000, the right to a hearing will be determined by the applicable arbitration rules. Any in-person arbitration hearings will be held at the nearest, most mutually-convenient arbitration location available within the province or territory in which you reside unless you and LG both agree to another location or agree to a telephonic arbitration.

Severability and Waiver. If any portion of this Limited Warranty (including these arbitration procedures) is unenforceable, the remaining provisions will continue in full force and effect to the maximum extent permitted by applicable law. Should LG fail to enforce strict performance of any provision of this Limited Warranty (including these arbitration procedures), it does not mean that LG intends to waive or has waived any provision or part of this Limited Warranty.

Opt Out. The arbitration provision requires you and LG to resolve disputes by binding arbitration instead of court, unless the laws of your province or territory do not permit that, or, in other jurisdictions, if you choose to opt out. The arbitration provision does not apply to consumers in Ontario, British Columbia and Québec.

For individuals that fall within the binding arbitration provisions, you may opt out of this dispute resolution procedure. If you opt out, neither you nor LG can require the other to participate in an arbitration proceeding. To opt out, you must send notice to LG no later than 30 calendar days from the date of the first consumer purchaser's purchase of the product by either (i) sending an e-mail to optout@lge.com, with the subject line: "Arbitration Opt Out;" or (ii) calling 1- 800-980-2973. You must include in the opt out e-mail or provide by telephone: (a) your name and address; (b) the date on which the product was purchased; (c) the product model name or model number; and (d) the serial number (the serial number can be found (i) on the product; or (ii) online by accessing https://www.lg.com/ca_en/findmodel_serial/).

In the event that you “Opt Out”, the law of the province or territory of your residence shall govern this Limited Warranty and any disputes between you and LG except to the extent that such law is preempted by or inconsistent with applicable federal or provincial/territorial law. Should arbitration not be permitted for any claim, action, dispute or controversy between you and LG, you and LG agree to attorn to the exclusive jurisdiction of the courts of the province or territory of your residence for the resolution of the claim, action, dispute or controversy between you and LG.

You may only opt out of the dispute resolution procedure in the manner described above (that is, by e-mail or telephone); no other form of notice will be effective to opt out of this dispute resolution procedure. Opting out of this dispute resolution procedure will not affect the coverage of the Limited Warranty in any way, and you will continue to enjoy the full benefits of the Limited Warranty. If you keep this product and do not opt out, then you accept all terms and conditions of the arbitration provision described above.

Conflict of Terms. In the event of a conflict or inconsistency between the terms of this Limited Warranty and the End User License Agreement (“EULA”) in regards to dispute resolution, the terms of this Limited Warranty shall control and govern the rights and obligations of the parties and shall take precedence over the EULA.

Memo

Memo



LG Customer Information Center	Centro de Información al Cliente LG	Centre de Service à la Clientèle de LG
For inquiries or comments, visit **www.lg.com** or call:	Para consultas o comentarios, visite **www.lg.com** o llame por teléfono:	Pour des questions ou des commentaires, visitez **www.lg.com/ca_fr** ou appelez :
1-800-243-0000 U.S.A.	1-800-243-0000 EE.UU.	1-800-243-0000 ÉTATS-UNIS
1-888-542-2623 CANADA	1-888-542-2623 CANADÁ	1-888-542-2623 CANADA
Register your product Online!	**¡Registre su producto en línea!**	**Enregistrez votre produit en ligne!**
www.lg.com	www.lg.com	www.lg.com/ca_fr