ENGLISH
FRANÇAIS
ESPAÑOL

OWNER'S MANUAL

REFRIGERATOR

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

LRKNS1205V

MFL68980407
Rev.03_050322

www.lg.com

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PRODUCT FEATURES

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

DOOR ALARM

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

AUTO-CLOSING HINGE

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

CUSTOMCHILL™ DRAWERS

The CustomChill™ drawers provide storage space with a variable temperature control. Use them to store produce, meat/fish, or rice/grain.

CONVENIENT MULTIPURPOSE COMPARTMENTS

The temperatures of the drawers can be set for kimchi, vegetables, fruit, meat or fish. Use the compartment at the top of the appliance to freeze food or to refrigerate fresh food or kimchi.

FERMENT AND STORE KIMCHI IN ONE APPLIANCE

The separate compartments have individual temperature controls that can be set for either fermenting or storing kimchi.

EASY-TO-USE KIMCHI CONTAINERS

The kimchi containers are easy to use and seal in air, to keep kimchi fresh for a long time.

SAFETY INSTRUCTIONS

READ ALL INSTRUCTIONS BEFORE USE

Your safety and the safety of others are very important.

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

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.

IMPORTANT SAFETY INSTRUCTIONS

⚠ WARNING

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

INSTALLATION

- 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.

OPERATION

- This product is not to be used for special purposes such as the storage of medicine or test materials or for use on ships, etc.
- DO NOT allow children to climb, stand, or hang on the refrigerator doors or on the shelves in the refrigerator. They could damage the refrigerator and seriously injure themselves.
- Do not allow children to climb into the refrigerator. They could be trapped and suffocated.
- Children should be supervised to ensure that they do not play with the refrigerator.
- Keep fingers out of pinch point areas; clearances between the doors and cabinets are necessarily small. Be careful closing doors when children are nearby.
- Do not touch frozen food or the metal parts in the freezer compartment with wet or damp hands. Doing so may cause frostbite.
- Do not refreeze frozen food that has thawed completely. Doing so may result in a serious health hazard.
- Do not use an adapter plug or plug the power plug into a multi-outlet extension cord.
- Do not use a cord that shows cracks or abrasion damage along its length or at either the plug or connector end. Immediately have all power cords that have become frayed or otherwise damaged repaired or replaced by qualified service personnel.
- Do not operate the refrigerator or touch the power cord with wet hands.
- Do not modify or extend the power cord.
- Do not use an uncertified power outlet. Do not plug 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 place or use an electrical appliance inside the refrigerator, unless it is of a type recommended by the manufacturer.
- Do not put animals inside the appliance.
- Do not place heavy or fragile objects, liquid filled containers, combustible substances, or flammable objects (such as candles and lamps) on the appliance.
- 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.

MAINTENANCE

- Do not use a hair dryer to dry the inside of the refrigerator.
- Do not light a candle to remove odors in the refrigerator.
- In the event of a refrigerant leak, move flammable objects away from the refrigerator. Ensure the area is adequately ventilated and contact an authorized service center.
- Keep flammable materials and vapors, such as gasoline, away from the refrigerator.
- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children must not play with the appliance. Cleaning and user maintenance must not be made by children without supervision.
- Unplug the power plug before cleaning or repairing the refrigerator.
- The refrigerator and freezer compartment lights are interior LED lighting, and service must 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

- Junked or abandoned refrigerators are dangerous, even if they are sitting for only a few days. When disposing of the refrigerator, remove the packing materials from the door or take off the doors but leave the shelves in place so that children may not easily climb inside.
- If disposing of a refrigerator, make sure the refrigerant is removed for proper disposal by a qualified servicer. If you release the refrigerant, you may be fined or imprisoned in accordance with the relevant environmental law.
- 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 person 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 qualified 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

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

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.
- Do not connect this appliance to a GFCI (Ground Fault Circuit Interrupter) outlet. If the appliance is connected to a GFCI outlet, the outlet's circuit breaker could be tripped. If this problem occurs, reset the GFCI outlet's circuit breaker. If the problem continues, contact a qualified electrician and replace the GFCI outlet with a non-GFCI outlet.

OPERATION

- Do not use aerosols near the refrigerator.
- This appliance is intended to be used only in domestic and similar applications.
- Do not strike or apply excessive force to any glass surface. Do not touch glass surfaces if they are cracked or broken.
- Do not overfill or pack items too tightly into door bins. Doing so may cause damage to the bin or personal injury if items are removed with excessive force.
- Do not overfill the appliance with food. Doing so may cause personal injury or property damage.

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 SPECIFICATIONS

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

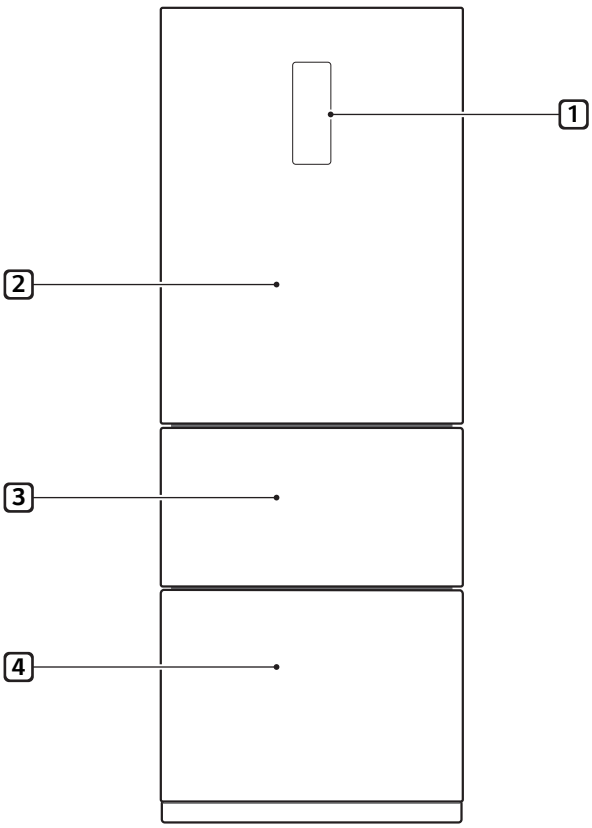
Electrical requirements: 115 V, 60 Hz

Model LRKNS1205V	
Description	Refrigerator
Net weight	223 lb (101 kg)

PRODUCT OVERVIEW

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

Exterior



1 Control panel

Set controls using temperature or food type.

- Appearance and design of display and drawer fronts varies by model.

2 Top compartment

Refrigerate fresh food, freeze food, or store kimchi.

- Kimchi containers for top compartment only included on some models.
- Frost proof covers for top compartment only included on some models.

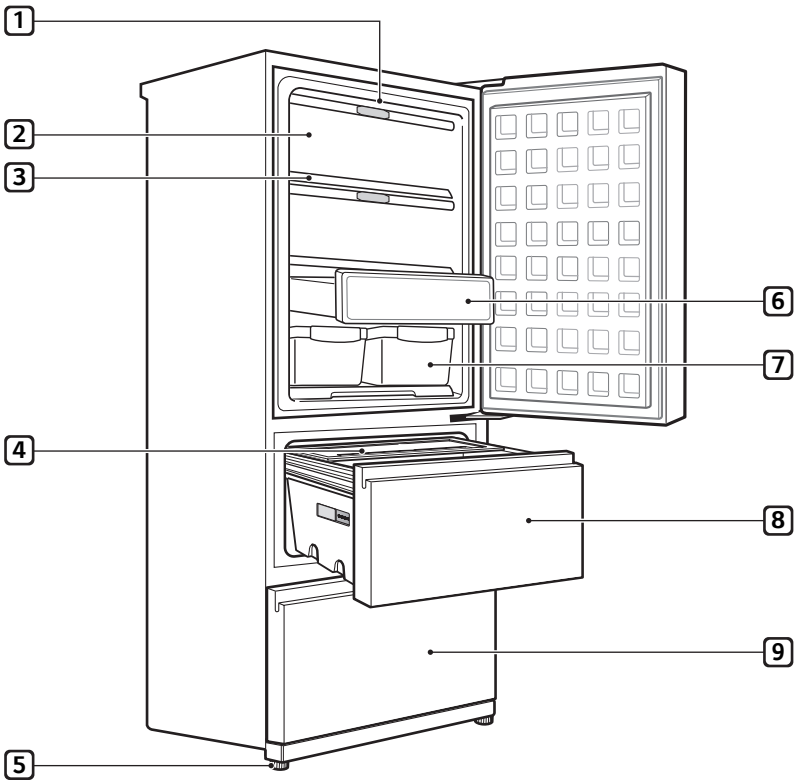
3 CustomChill™ drawer switch

Detects the opening/closing of the CustomChill drawers.

- An alarm sounds if the drawer is not completely closed.
- The door sensor is tilted to accommodate the different locations of the middle and bottom drawers.

4 CustomChill™ drawers

Interior



1 **Top compartment LED lighting**

Lights up when doors are opened.

2 **Flip-up cover**

3 **Shelf**

4 **Drawer bin**

Designed to hold kimchi container.

5 **Leveling leg**

Adjust legs to level appliance after moving or installing

6 **Pantry drawer**

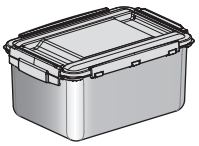
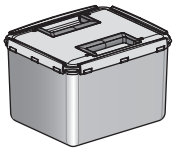
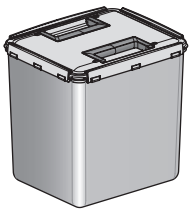
7 **Kimchi container**

Place food in the kimchi container and close securely before storing.

8 **Middle compartment**

9 **Bottom compartment**

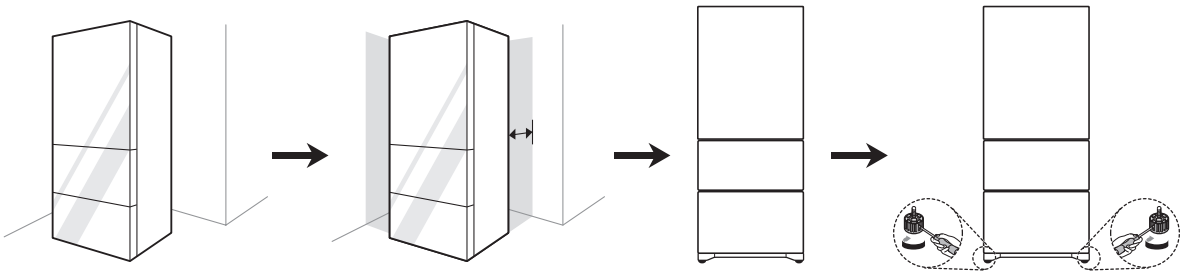
Kimchi Storage Container

Kimchi storage container		Container	Capacity
Top compartment		ACK67523415 : 6 ea	3.1 gal (11.7 L)
Middle compartment		AKC67523721 : 2 ea	3 gal (11.3 L)
Bottom compartment		AKC67523722 : 2 ea	4.5 gal (17.1 L)

INSTALLATION

Installation Overview

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



Unpacking your refrigerator

Choosing the proper location

Disassembling/ assembling the refrigerator

Leveling the refrigerator

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

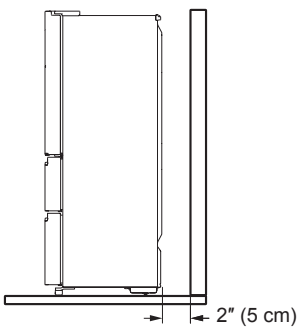
- Installing on carpeting, soft tile surfaces, a platform or weakly supported structure is not recommended.

Ambient Temperature

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

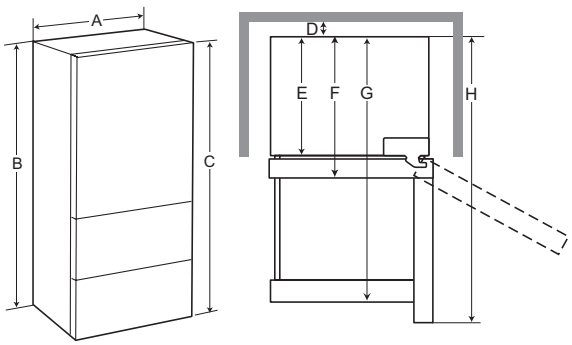
If the temperature around the appliance is too low or high, cooling ability may be adversely affected.

- Place your appliance where it is easy to use.
- Avoid placing the unit near heat sources, direct sunlight or moisture.
- To ensure proper air circulation around the refrigerator, allow for space at both sides and at the top. Allow for 2 inches (5 cm) of clearance from the rear wall of the enclosure.
- To avoid excessive vibration, the appliance must be leveled.
- Don’t install the appliance in a location where the temperature falls below 41°F (5°C). Doing so may affect product performance.



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 22.6 inches (575 mm) in front of the refrigerator to open the doors, and at least 2 inches (50.8 mm) between the back of the refrigerator and the wall.

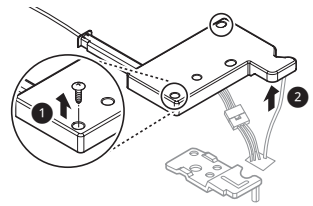


-	Dimensions/ Clearances	LRKNS1205V
A	Width	26 1/4″ (666 mm)
B	Height to Top of Case	69 3/8″ (1762 mm)
C	Height	71″ (1802 mm)
D	Back Clearance	2″ (50 mm)
E	Depth without Door	24 5/8″ (625 mm)
F	Depth	29″ (737 mm)
G	Depth (Total with Drawer Open)	45″ (1142 mm)
H	Depth (Total with Door Open 90°)	51 11/16″ (1312 mm)

Removing/Assembling Refrigerator Doors

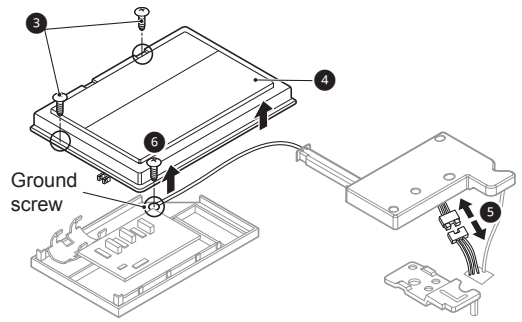
Removing the Top Refrigerator Door

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



2 Remove PCB cover screw ❸ and lift cover ❹.

3 Detach all the wire harnesses ❺ and remove Ground screw ❻.

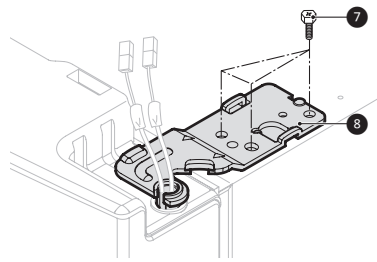


NOTE

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

4 Remove top hinge screw ❼ and lift off the top hinge ❽.

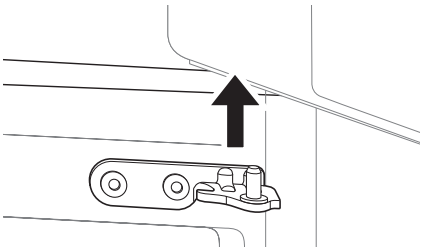
> **⚠ CAUTION**
>
> - When lifting the hinge free, be careful that the door does not fall forward.



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

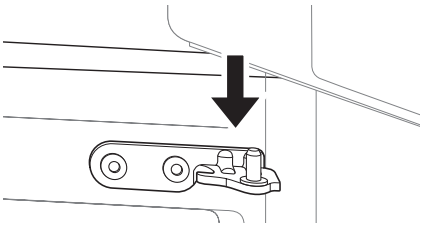
⚠ CAUTION

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

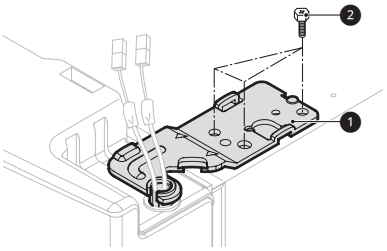


Assembling the Top Refrigerator Door

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.

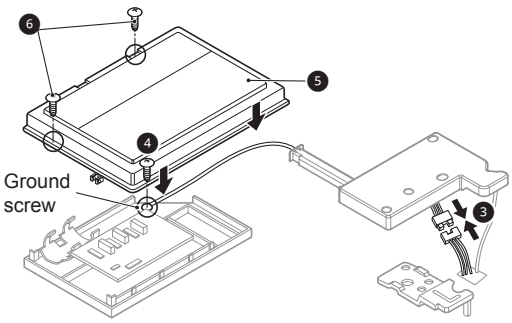


2 Insert and tighten the top hinge & screw ❶, ❷.



3 Connect the wire harness ❸. Insert and tighten ground screw ❹.

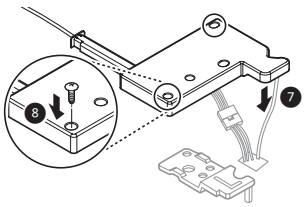
4 Set the cover PCB ❺. Insert and tighten screw ❻.



NOTE

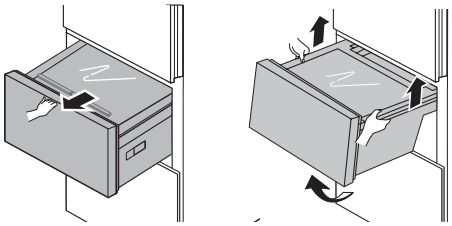
- The number of wire harnesses may vary depending on the model.

5 Set the cover ❼ in place. Insert and tighten the cover screw ❽.



CustomChill Drawer Disassembly

1. Open the drawer completely.
2. Lift up the drawer and basket assembly slightly until it clears the rail safety stops and pull it forward until it stops.
3. Lift the basket and drawer assembly to remove it.

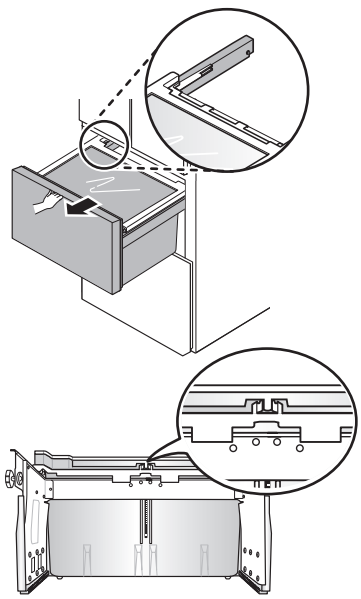


To reassemble the drawer, align it with the rails and insert it until it stops, lift it to clear the safety rail stops and push it in completely.

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

⚠ CAUTION

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



Leveling

Aligning the doors may not be possible if the floor is not level, or is of weak or poor construction. The refrigerator is heavy and should be installed on a rigid and solid surface.

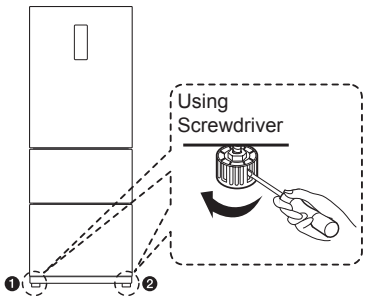
Wood flooring may cause leveling difficulties if it flexes excessively.

Leveling

- If the floor is uneven, level the refrigerator to avoid noise and vibration.

⚠ CAUTION

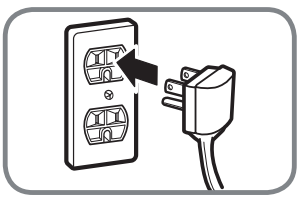
- Adjust the front leveling feet so they are lower than the wheels. The weight of the refrigerator must rest on the feet, not the wheels, to avoid risk of movement or tipover.



To level the refrigerator, use a screwdriver to turn the leveling feet until they are in firm contact with the floor. The front of the refrigerator can be slightly higher than the rear to make shutting the doors easier.

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.

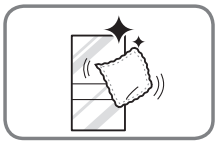


⚠ CAUTION

- 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.

OPERATION

Before Use

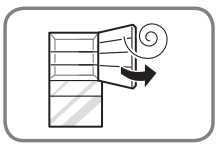


Clean the refrigerator.

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

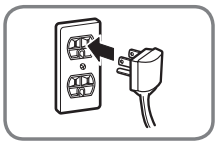
⚠ CAUTION

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



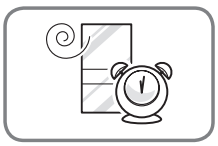
Open refrigerator doors and drawers to ventilate the interior.

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



Connect the power supply.

Check if the power supply is connected before use.

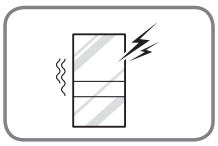


Wait for the refrigerator to cool.

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

⚠ CAUTION

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

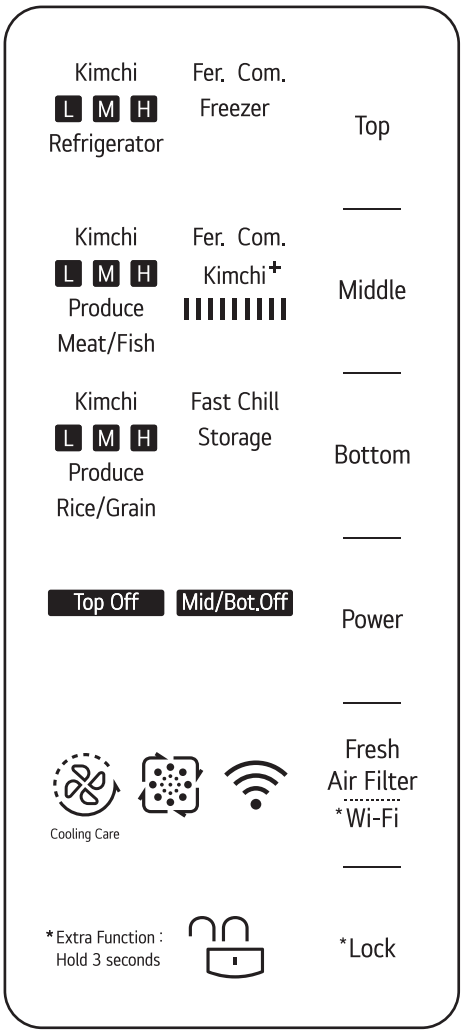


The refrigerator makes a loud noise after initial operation.

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

Control Panel

Control Panel Features



Using the Touch Buttons

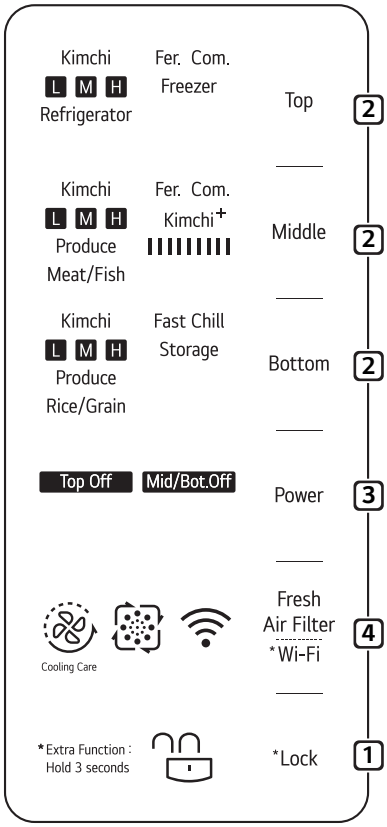
- The touch panel operates in response to static electricity.
- To operate the buttons, touch the center of the text on each button with a fingertip.
- Either the Lock or Unlock icon appears in the display at all times.
- The buttons may activate unexpectedly if they come in contact with your skin during cleaning or at other times.
- If the control panel is dirty or you are wearing gloves, the buttons may not activate properly.
- When the refrigerator is connected to power, the display automatically turns on.

NOTE

- Depending on the model, the appearance of the display and the middle/bottom compartment doors may vary.
- After 60 seconds of idle time, all lights on the display except the Lock icon are turned off to save power. This is normal operation. Press any button to wake the display and show current settings.

Before storing or fermenting kimchi, use this section to become more familiar with the parts and functions of the control panel.

Before using the LG kimchi refrigerator, press and hold the Lock/Unlock button for 3 seconds to unlock the display.



1 The Lock function prevents children or others from accidentally changing settings.

- Before changing settings, press and hold Lock for 3 seconds to unlock the display.
- After changing settings, press and hold Lock for 3 seconds to lock the display and prevent accidental changes.

NOTE

- The Lock function locks all display functions except for the Lock button. If a button is pressed, the Lock/Unlock icon will blink 3 times.
- The Lock function is automatically turned on after 60 seconds if the control panel remains idle.

2 Press to set the mode or temperature for each compartment.

- Available settings for Top compartment: **Kimchi, Refrigerator, Freezer or Fer.**
- Available settings for middle compartment: **Kimchi, Produce, Meat/Fish, Kimchi+, Fer.**
- Available settings for bottom compartment: **Kimchi, Produce, Rice/Grain, Storage, Fast Chill**

NOTE

- Select settings based on food items being stored.

3 Press to turn the power off for each compartment.

4 Press to set the Fresh Air Filter mode. Press and hold the Wi-Fi button for 3 seconds to connect to the network.

NOTE

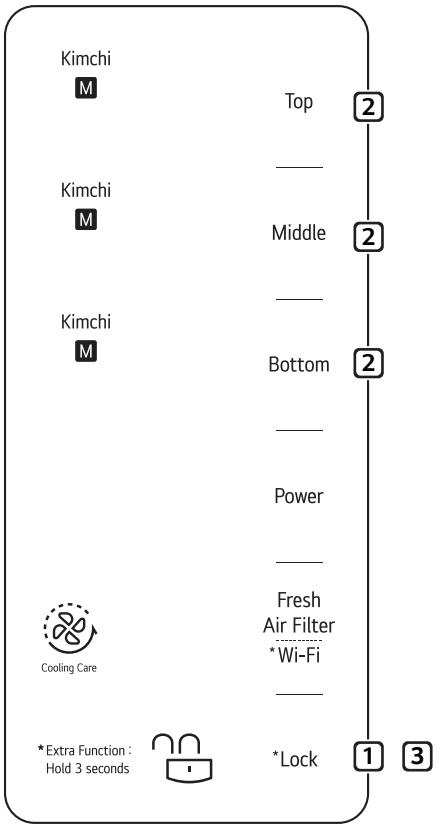
- Before using functions, you must press and hold the Lock button for 3 seconds to unlock the display.
- Place items for storage or fermenting in any compartment.
  - To ferment kimchi in the middle compartment, place the kimchi in the middle drawer and touch the Middle button repeatedly to select the Fermenting setting.

Storing Kimchi (All Compartments)

Kimchi Storage Tips

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 Unlock the display.

- Press and hold the **Lock** button for approximately 3 seconds to unlock the display. The display must be unlocked before settings can be changed.

2 Press the Top, Middle, or Bottom button to change settings for each compartment.

- Press each button repeatedly to cycle through the settings for that compartment.
- As the buttons are pressed, the settings change in the order shown.

Top Compartment

Kimchi: M → H → L ➡ Refrigerator: M → H → L ➡ Freezer ➡ Fer.

Middle Compartment

Kimchi: M → H → L ➡ Produce: M → H → L ➡ Meat/Fish ➡ Kimchi+ ➡ Fer.

Bottom Compartment

Kimchi: M → H → L ➡ Produce: M → H → L ➡ Rice/Grain ➡ Storage ➡ Fast Chill

- Select the appropriate temperature for the type and salinity of kimchi.
- L=Low Cooling (cold)
  M=Medium Cooling (colder)
  H=High Cooling (coldest)

3 Press the Lock button to lock the display and begin kimchi storage.

Fermenting Kimchi (Top and Middle Compartments)

NOTE

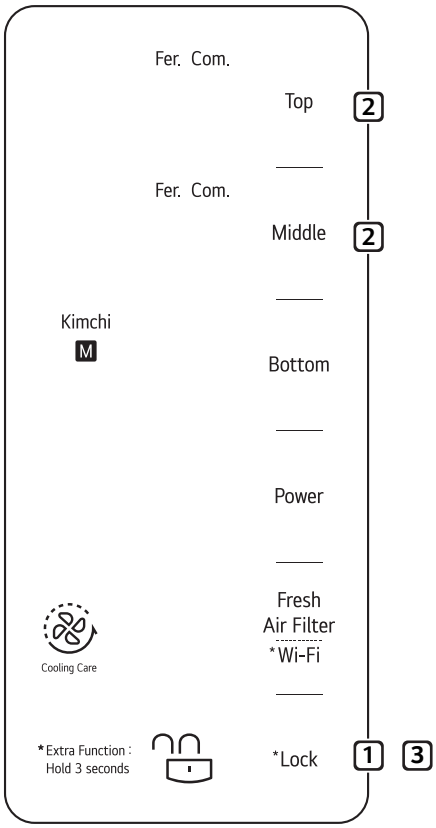
- Kimchi ferments more quickly at the Fermentation setting than at the Storage setting.

Fermenting

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

Fermentation Complete Indicator

Once fermentation is complete, the Fer. Com. indicator lights in the display. The fermentation time varies depending on season, room temperature, and the selected Kimchi setting (low/medium/high).



1 Unlock the display.

- Press and hold the **Lock** button for approximately 3 seconds to unlock the display. The display must be unlocked before settings can be changed.

2 Press the desired compartment button to select Fermentation.

- Press Top or Middle repeatedly to select the Fermentation setting.

3 Press the Lock button to lock the display and begin kimchi fermentation.

Canceling Fermentation

To cancel fermentation, unlock the display and press the compartment button to change the setting.

Storing Fermented Kimchi

When fermentation is complete, the “Fer. Com.” indicator lights up and “Kimchi M” appears in the temperature display.

Press the Lock button to turn off the indicator and change the setting.

Refrigerating or Freezing Food (Top Compartment)

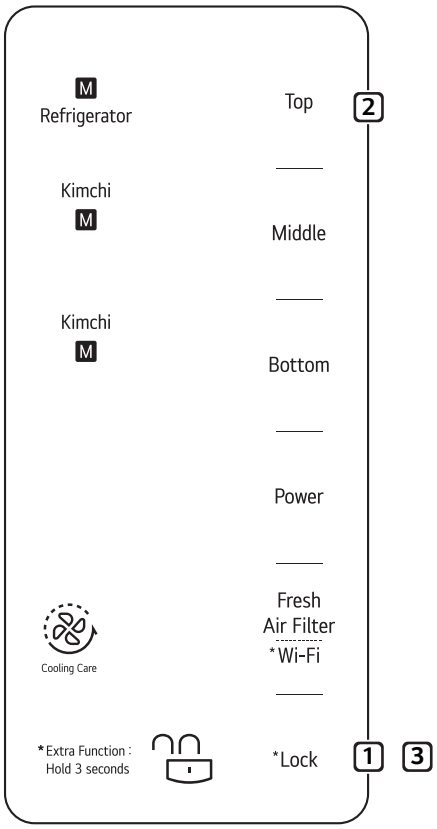
- **Only the top compartment can be used for refrigeration or freezing.**

NOTE

- If kimchi is stored at the Refrigerator setting, it may ferment too quickly.

Storing Other Food

After storing kimchi, the odor may linger inside of the refrigerator compartments.
Clean the compartments before using them to store other food. See the **Maintenance** section for instructions.



1 Unlock the display.

- Press and hold the **Lock** button for approximately 3 seconds to unlock the display. The display must be unlocked before settings can be changed.

2 Press Top repeatedly to cycle through the settings for that compartment.

- Press the button repeatedly to select **Refrigerator** or **Freezer**.
- As the button is pressed, the settings change in the order shown.

Top Compartment

Kimchi: M → H → L ➡ Refrigerator: M → H → L ➡ Freezer ➡ Fer.

- L=Low Cooling (cold)
  M=Medium Cooling (colder)
  H=High Cooling (coldest)

3 Press Lock to lock the display and begin refrigeration or freezing.

Extended Food Storage Settings (Middle/Bottom Compartments)

• These settings are only available on the middle and bottom compartments.

Produce

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

Meat/Fish

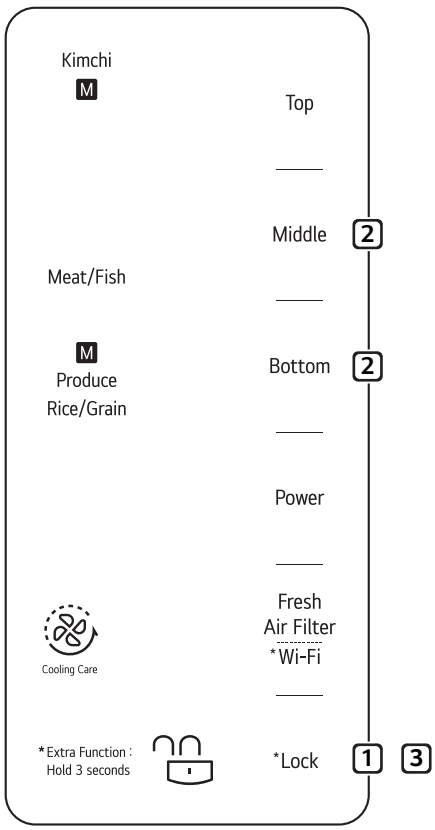
• Use to keep meat and fish fresh.

Rice/Grain

• Use to keep rice and grain fresh.

NOTE

• If kimchi is stored at the Meat/Fish setting, it may freeze.



1 Unlock the display.

• Press and hold the **Lock** button for approximately 3 seconds to unlock the display. The display must be unlocked before settings can be changed.

2 Press the Middle or Bottom button to change settings for each compartment.

• Press each button repeatedly to select the desired setting.

• As the buttons are pressed, the settings change in the order shown.

Middle Compartment

Kimchi: M → H → L ➡ Produce: M → H → L ➡ Meat/Fish ➡ Kimchi+ ➡ Fer.

• The Meat/Fish setting freezes meat or fish slightly in order to extend the storage time.

Bottom Compartment

Kimchi: M → H → L ➡ Produce: M → H → L ➡ Rice/Grain ➡ Storage ➡ Fast Chill

• Select the appropriate temperature for the type of food being stored.

• L=Low Cooling (cold)
M=Medium Cooling (colder)
H=High Cooling (coldest)

3 Press Lock to lock the display and begin food storage.

• When the Lock icon lights up, storage begins.

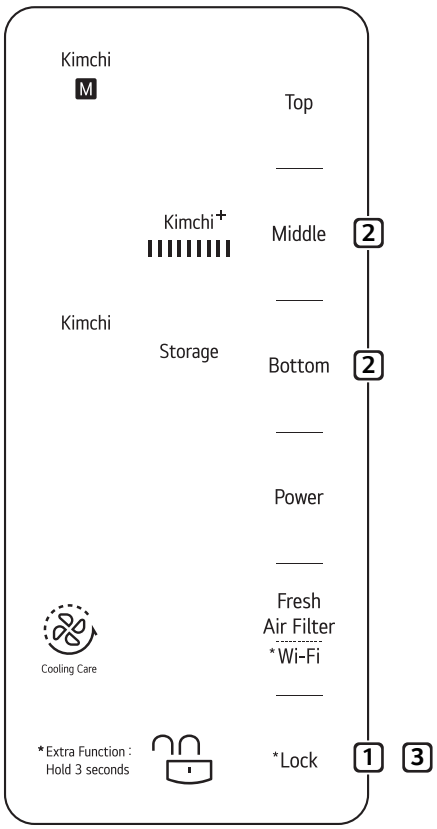
Using the Kimchi+ and Storage Modes (Middle/Bottom Compartments)

Kimchi+

- 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 middle compartment.
  - 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 up in the display to indicate the fermentation process. The kimchi is ready to eat when all the bars are lit (approximately 6 days).

Storage

- 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 Unlock the display.

- Press and hold the **Lock** button for approximately 3 seconds to unlock the display. The display must be unlocked before settings can be changed.

2 Press the Middle or Bottom button to change settings for each compartment.

- Press each button repeatedly to select a setting.
- As the buttons are pressed, the settings change in the order shown.

Middle Compartment (Kimchi+)

Kimchi: M → H → L ➡ Produce: M → H → L ➡ Meat/Fish ➡ Kimchi+ ➡ Fer.

Bottom Compartment (Storage)

Kimchi: M → H → L ➡ Produce: M → H → L ➡ Rice/Grain ➡ Storage ➡ Fast Chill

- Select the appropriate temperature for the food being stored.
- When **Storage** is selected, **Kimchi** is automatically turned on.
  Vegetables and fruit may freeze if stored at this setting.

3 Press the Lock button to lock the display.

- When the lock icon lights up, Kimchi+ or Storage begins.

Resetting the Kimchi+ setting

- To reset the Kimchi+ setting, cancel the Kimchi+ mode and reset it.
  - Step1(Cancel): Unlock → Kimchi → Lock
  - Step2(Reset): Unlock → Kimchi+ → Lock

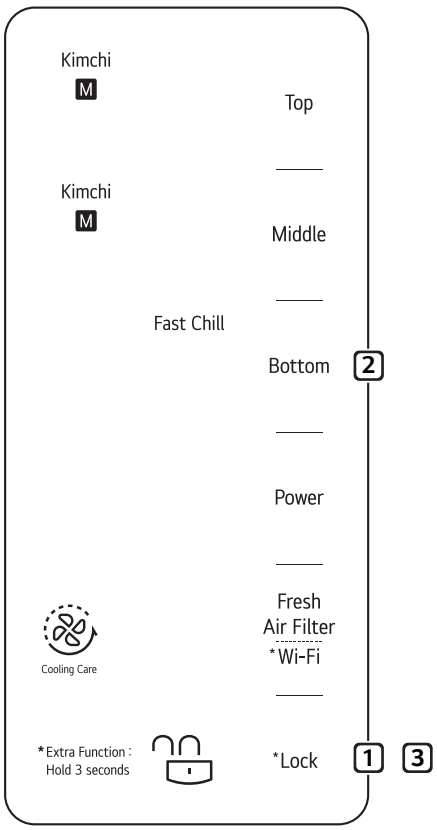
Using the Fast Chill Storage Method (Lower Compartment)

Fast Chill

- 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.

NOTE

- 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 Unlock the display.

- Press and hold the **Lock** button for approximately 3 seconds to unlock the display. The display must be unlocked before settings can be changed.

2 Press the Bottom compartment button.

- Press **Bottom** repeatedly to select **Fast Chill**.
- As the button is pressed, the settings change in the order shown.

Bottom Compartment

Kimchi: M → H → L ➡ Produce: M → H → L ➡ Rice/Grain ➡ Storage ➡ Fast Chill

3 Press Lock to lock the display.

- When the Lock icon lights up, Fast Chill begins.

NOTE

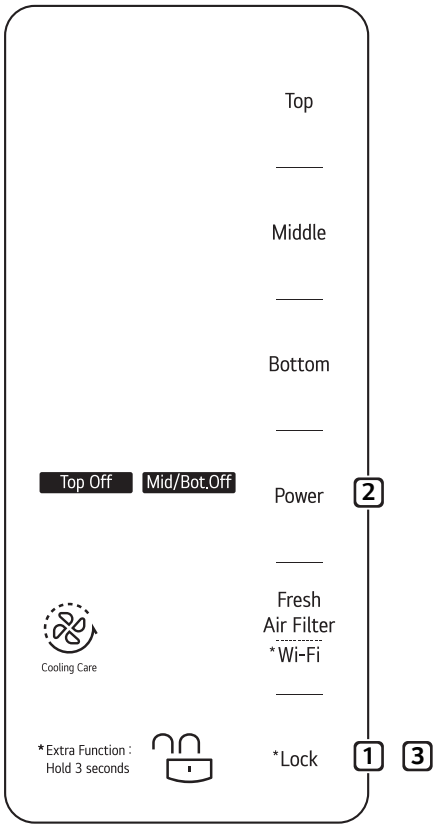
- Allow 48 hours before using the Fast Chill setting again. To prevent kimchi from freezing, the Fast Chill setting cannot be reselected within 48 hours of first being set.

Resetting the Fast Chill Setting

- To store newly purchased kimchi, cancel the Fast Chill setting and reselect it.
  - Step1(Cancel): Unlock → Kimchi → Lock
  - Step2(Reselect): Unlock → Fast Chill → Lock

Using the Power Off Mode

• Press this button to save electricity by turning off the unused refrigerator compartment (Top, Middle/Bottom).



1 Unlock the display.

- Press and hold the **Lock** button for approximately 3 seconds to unlock the display. The display must be unlocked before settings can be changed.

2 Press the Power button.

- Press **Power** repeatedly to select a setting.
- As the button is pressed, the settings change in the order shown.

Top Off ➡ Mid/Bot.Off ➡ Top Off & Mid/Bot.Off ➡ Top On & Mid/Bot.On

3 Press the Lock button to lock the display.

⚠ CAUTION

- Please note that the Middle / Bottom are turned off at the same time. Any food left in a turned-off compartment may spoil.

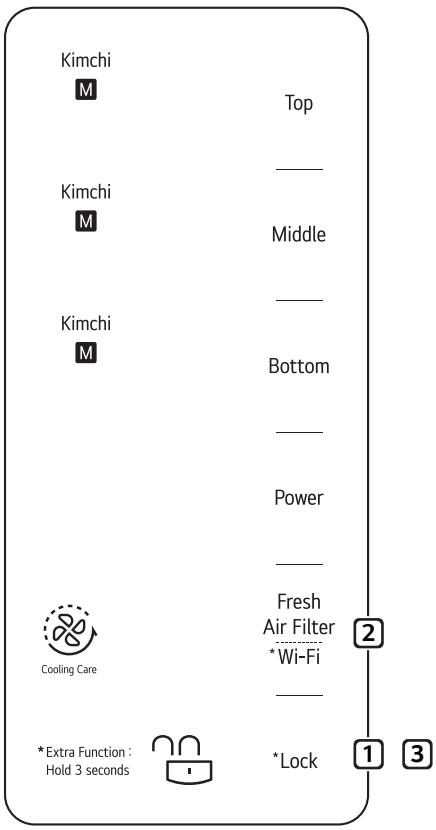
Using the Fresh Air Filter and Wi-Fi Functions

Fresh Air Filter

Use this function to improve air circulation and help remove odors inside the refrigerator.

Wi-Fi

Use this function to connect the product to a home Wi-Fi network and access smart functions through the LG ThinQ app.



Setting the Fresh Air Filter Function

1 Unlock the display.

- Press and hold the **Lock** button for approximately 3 seconds to unlock the display. The display must be unlocked before settings can be changed.

2 Press Fresh Air Filter/Wi-Fi.

- Press the Fresh Air Filter/Wi-Fi button. Deodorization begins and the LED stays lit until it is complete.

3 Press the Lock button to lock the display.

- Once the display is locked, deodorization begins.

NOTE

- After repeated use, the deodorizer may become saturated and less effective.

Setting the Wi-Fi Function

1 Unlock the display.

- Press and hold the **Lock** button for approximately 3 seconds to unlock the display. The display must be unlocked before settings can be changed.

2 Press and hold the Fresh Air Filter/Wi-Fi button for 3 seconds.

- When the product is successfully connected to the internet, the Wi-Fi icon turns on.
- To disconnect the product from Wi-Fi, use the Settings menu in the app to delete it from the connected products.

Storing Food

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. When preparing kimchi for long-term storage, keep the temperature below 50°F (10°C).
- **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.

Top Compartment

Depending on need, set the compartment temperature for storing kimchi, or refrigerating or freezing food.

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

Exclusive Kimchi Containers

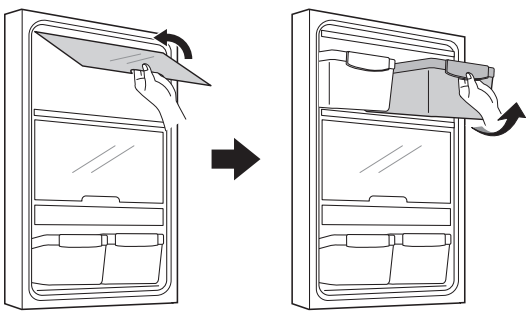
A kimchi container fits on each shelf in the top compartment.

- Depending on the model, the kimchi containers may look different or may not be included.

Removing Kimchi Containers from the Top Compartment

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.



⚠ CAUTION

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

CustomChill™ Drawers

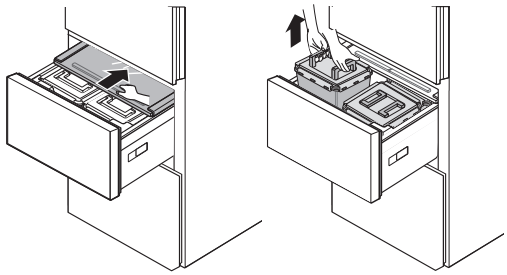
The CustomChill drawers provide storage space with a variable temperature control that can be adjusted to keep the compartment either colder or warmer than the refrigerator.

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

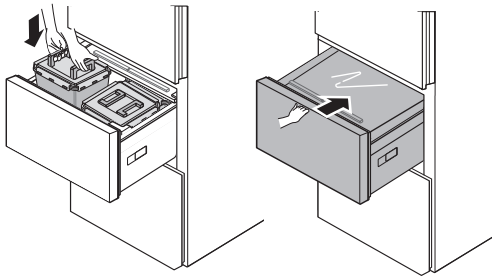
- The CustomChill drawers feature covers to lock in cold air.
- The covers stabilize the temperature and help maintain the humidity level inside the drawers.

Using CustomChill Drawers

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



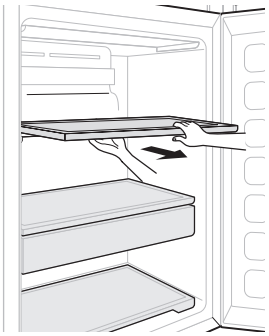
2 Closing the drawer automatically closes the cover.



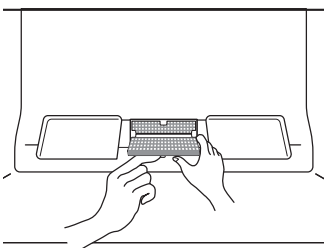
Reusing the Fresh Air Filter

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

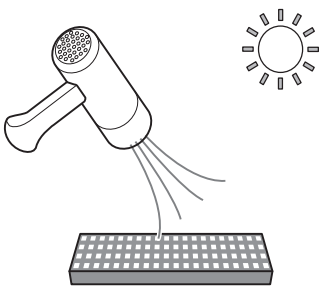
1 Pull out the shelf in the top compartment.



2 Press on the hook inside the top compartment, and then take out the Fresh Air Filter.



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



- 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.

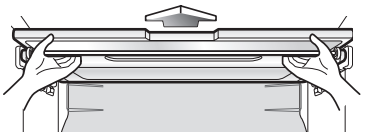
Adjusting the Refrigerator Shelves

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

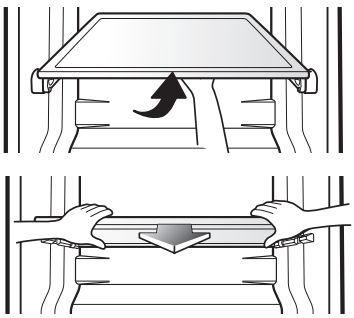
Adjusting the shelves to fit different heights of items will make finding the exact item you want easier. Doing so will also reduce the amount of time the refrigerator door is open which will save energy.

Detaching the Shelf

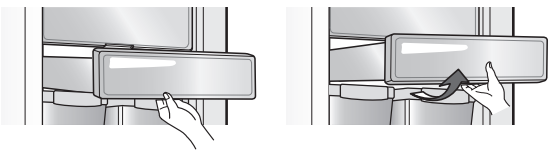
- Slide the shelf to one side and pull it forward.



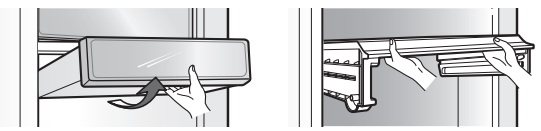
- Lift the rear of the shelf slightly and pull it out.



- To remove the pantry drawer, lift it slightly and pull it out. To assemble the drawer, align it with the grooves at either side and slide it in. (Empty the drawer before removing or assembling it.)



- To remove the shelf above the pantry drawer, empty the shelf and empty and remove the pantry drawer. Lift the front of the shelf with both hands and slide the shelf out.



※ The cold insulation covers are not included on all models. The images shown may differ from your model.

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

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.

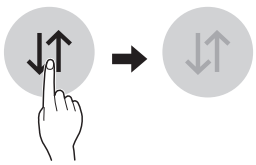
NOTE

- If you change your wireless router, Internet service provider, or password, delete the connected appliance from the **LG ThinQ** application and connect it again.
- This information is current at the time of publication. The application is subject to change for product improvement purposes without notice to users.

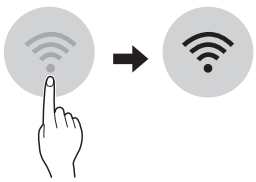
Before Using LG ThinQ Application

1 Use a smartphone to check the strength of the wireless router (Wi-Fi network) near the appliance.
   - If the appliance is too far from the router, the signal strength becomes weak. It may take a long time to register or installation may fail.

2 Turn off the **Mobile data** or **Cellular Data** on your smartphone.



3 Connect your smartphone to the wireless router.



NOTE

- To verify the Wi-Fi connection, check that the **Wi-Fi** icon on the control panel is lit.
- The appliance supports 2.4 GHz Wi-Fi networks only. To check your network frequency, contact your Internet service provider or refer to your wireless router manual.
- **LG ThinQ** is not responsible for any network connection problems or any faults, malfunctions, or errors caused by network connection.
- The surrounding wireless environment can make the wireless network service run slowly.
- 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 connection may not connect or 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.
- 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 register the product again.

Installing the LG ThinQ Application

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

- Follow instructions to download and install the application.

Connecting to Wi-Fi

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

Initial Appliance Connection

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

Reconnecting the Appliance or Adding 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.

NOTE

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

Wireless LAN Module Specifications

Frequency Range	2412 - 2462 MHz
Output Power (Max)	< 30 dBm

FCC Notice

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

LG Electronics will also provide open source code to you on CD-ROM for a charge covering the cost of performing such distribution (such as the cost of media, shipping, and handling) upon email request to opensource@lge.com. This offer is valid for a period of three years after our last shipment of this product. This offer is valid to anyone in receipt of this information.

Smart Diagnosis™ Feature

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

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

NOTE

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

Using LG ThinQ to Diagnose Issues

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

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

Using Audible Diagnosis to Diagnose Issues

Follow the instructions below to use the audible diagnosis method.

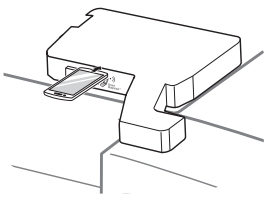
- Launch the **LG ThinQ** application and select the Smart Diagnosis feature in the menu. Follow the instructions for audible diagnosis provided in the **LG ThinQ** application.

1 Press the Lock button to activate the lock function.

- If the display has been locked for over five minutes, you must deactivate the lock and then reactivate it.

2 Press and hold the **Bottom** button for 3 seconds or longer.

3 Open the top compartment door and hold the mouthpiece of your phone in front of the speaker that is located on the right hinge of the refrigerator door.



4 Keep the phone in place until the tone transmission has finished. The display will count down the time. Once the countdown is over and 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

- The refrigerator 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 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.

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 wet cloth. To remove the shelf, lift it at the back and pull it forward.
- 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.
- 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.
- When used for a long period of time, the distinct color and odor of kimchi can permeate the container.

⚠ CAUTION

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

Inside Walls

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

To help remove odors, wash the inside of the refrigerator with a mixture of baking soda and warm water. Mix 2 tablespoons of baking soda to 1 quart of water (26 g soda to 1 liter water.) Be sure the baking soda is completely dissolved so it does not scratch the surfaces of the refrigerator.

Door Liners and Gaskets

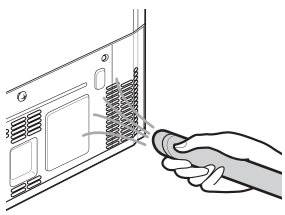
Use a clean sponge or soft cloth and a mild detergent in warm water. Do not use cleaning waxes, concentrated detergents, bleaches, or cleaners containing petroleum on plastic refrigerator parts.

Covers and Control Panel

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.



TROUBLESHOOTING

Before Calling for Service

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

Cooling

Problem	Possible Cause	Solutions
Refrigerator is not cooling or has no power.	**A fuse in your home may be blown or the circuit breaker tripped. Or the appliance is connected to a GFCI (Ground Fault Circuit Interrupter) outlet, and the outlet's circuit breaker has tripped.**	Check the main electrical box and replace the fuse or reset the circuit breaker. Do not increase fuse capacity. If the problem is a circuit overload, have it corrected by a qualified electrician. Reset the circuit breaker on the GFCI. If the problem persists, contact an electrician.
	The refrigerator control is set to OFF (some models).	Turn the control ON. Refer to the Control Panel section for proper 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. If they will not shut all the way, the "Doors will not close correctly or pop open" section.
	Refrigerator is installed in a hot location.	The compressor will run longer under warm conditions. At normal room temperatures (70 °F) expect your compressor to run about 40 % to 80 % of the time. Under warmer conditions, expect it to run even more often. The refrigerator should not be operated above 110 °F.
	Condenser / back cover is clogged.	Use a vacuum cleaner with an attachment to clean the condenser cover and vents. Do not remove the panel covering the condenser coil area.

Cooling

Problem	Possible Cause	Solutions
Interior moisture buildup.	**Doors are opened often or for long periods of time.**	When the doors are opened often or for long periods of time, warm, humid air enters the compartment. This raises the temperature and moisture level within the compartment. To lessen the effect, reduce the frequency and duration of door openings.
	Doors are not closed correctly.	See the “Doors will not close correctly or pop open” section.
	Weather is humid.	Humid weather allows additional moisture to enter the compartments when the doors are opened leading to condensation or frost. Maintaining a reasonable level of humidity in the home will help to control the amount of moisture that can enter the compartments.
	Defrost cycle recently completed.	During the defrost cycle, the temperature of each compartment may rise slightly and condensation may form on the back wall. Wait 30 minutes and confirm that the proper temperature has been restored once the defrost cycle has completed.
	Food is not packaged correctly.	Food stored uncovered or unwrapped, and damp containers can lead to moisture accumulation within each compartment. Wipe all containers dry and store food in sealed packaging to prevent condensation and frost.
Food is freezing in the refrigerator compartment.	**Food with high water content was placed near an air vent.**	Rearrange items with high water content away from air vents.
	Refrigerator temperature control is set incorrectly.	If the temperature is too cold, adjust the control one increment at a time and wait for the temperature to stabilize. Refer to the Control Panel section for more information.
	Refrigerator is installed in a cold location.	When the refrigerator is operated in temperature below 41°F (5°C), food can freeze in the refrigerator compartment. The refrigerator should not be operated in temperature below 55°F (13°C).
Refrigerator or Freezer section is too warm.	**Refrigerator was recently installed.**	It may take up to 24 hours for each compartment to reach the desired temperature.
	The air vents are blocked.	Locate air vents by using your hand to sense airflow and move all packages that block vents and restrict airflow. Rearrange items to allow air to flow throughout the compartment.

Cooling

Problem	Possible Cause	Solutions
Refrigerator or Freezer section is too warm.	**Doors are opened often or for long periods of time.**	When the doors are opened often or for long periods of time, warm, humid air enters the compartment. This raises the temperature and moisture level within the compartment. To lessen the effect, reduce the frequency and duration of door openings.
	Unit is installed in a hot location.	The refrigerator should not be operated in temperatures above 110 °F.
	A large amount of food or hot food was added to either compartment.	Adding food warms the compartment requiring the cooling system to run. Allowing hot food to cool to room temperature before putting it in the refrigerator will reduce this effect.
	Doors not closed correctly.	See the Doors will not close correctly or pop open section in Parts & Features Troubleshooting.
	Temperature control is not set correctly.	If the temperature is too warm, adjust the control one increment at a time and wait for the temperature to stabilize.
	Defrost cycle has recently completed.	During the defrost cycle, the temperature of each compartment may rise slightly and condensation may form on the back wall. Wait 30 minutes and confirm the proper temperature has been restored once the defrost cycle has completed.
Refrigerator or Freezer section is too cold.	**Incorrect temperature control settings.**	If the temperature is too cold, adjust the control one increment at a time and wait for the temperature to stabilize. Refer to the Control Panel for more information.
Frost or ice crystals form on frozen food (inside of sealed package).	**Condensation from food with a high water content has frozen inside of the food package.**	This is normal for food items with a high water content.
	Food has been left in the freezer for a long period of time.	Do not store food items with high water content in the freezer for a long period of time.
Frost or ice crystals form on frozen food (outside of package).	**Door is opened frequently or for long periods of time.**	When the doors are opened often or for long periods of time, warm, humid air enters the compartment. This raises the temperature and moisture level within the compartment. Increased moisture will lead to frost and condensation. To lessen the effect, reduce the frequency and duration of door openings.
	Door is not closing properly.	Refer to the Doors will not close correctly or pop open section in the Troubleshooting section.

Parts & Features

Problem	Possible Cause	Solutions
Doors will not close correctly or pop open.	**Food packages are blocking the door open.**	Rearrange food containers to clear the door and door bins.
	Drawers, shelves or kimchi containers are out of position.	Push bins all the way in and put crisper cover, pans, shelves and baskets into their correct positions. See the Operation section for more information.
	Refrigerator is not leveled properly.	See Door Alignment in the Refrigeration Installation section to level refrigerator.
Doors are difficult to open.	**The gaskets are dirty or sticky.**	Clean the gaskets and the surfaces that they touch. Rub a thin coat of appliance polish or kitchen wax on the gaskets after cleaning.
	Door was recently closed.	When you open the door, warmer air enters the refrigerator. As the warm air cools, it can create a vacuum. If the door is hard to open, wait one minute to allow the air pressure to equalize, then see if it opens more easily.
Refrigerator wobbles or seems unstable	**Leveling legs are not adjusted properly.**	Refer to the Leveling and Door Alignment section.
	Floor is not level.	It may be necessary to add shims under the leveling legs or rollers to complete installation.
Lights do not work.	**LED interior lighting failure.**	The refrigerator uses LED interior lighting, and service should be performed by a qualified technician.
Refrigerator has an unusual odor.	**The Fresh Air Filter may need to be cleaned 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 cleaning instructions.
The interior of the refrigerator is covered with dust or soot.	**The refrigerator is located near a fire source, such as a fireplace, chimney, or candle.**	Make sure that the refrigerator is not located near a fire source, such as a fireplace, chimney or candle

Noises

Problem	Possible Cause	Solutions
Clicking	**The defrost control will click when the automatic defrost cycle begins and ends. The thermostat control (or refrigerator control on some models) will also click when cycling on and off.**	Normal Operation
Rattling	**Rattling noises may come from the flow of refrigerant, the water line on the back of the unit, or items stored on top of or around the refrigerator.**	Normal Operation
	Refrigerator is not resting solidly on the floor.	Floor is weak or uneven or leveling legs need to be adjusted. See the Leveling and Door Alignment section.
	Refrigerator with linear compressor was jarred while running.	Normal Operation
Whooshing	**Evaporator fan motor is circulating air through the refrigerator and freezer compartments.**	Normal Operation
	Air is being forced over the condenser by the condenser fan.	Normal Operation
Gurgling	**Refrigerant flowing through the cooling system.**	Normal Operation
Popping	**Contraction and expansion of the inside walls due to changes in temperature.**	Normal Operation
Sizzling	**Water dripping on the defrost heater during a defrost cycle.**	Normal Operation
Vibrating	**If the side or back of the refrigerator is touching a cabinet or wall, some of the normal vibrations may make an audible sound.**	To eliminate the noise, make sure that the sides and back cannot vibrate against any wall or cabinet.
Dripping	**Water running into the drain pan during the defrost cycle.**	Normal Operation
Pulsating or high-pitched sound	**Your refrigerator is designed to run more efficiently to keep your food items at the desired temperature. The high efficiency compressor may cause your new refrigerator to run longer than your old one, but it is still more energy efficient than previous models. While the refrigerator is running, it is normal to hear a pulsating or high-pitched sound.**	Normal Operation

Wi-Fi

Problem	Possible Cause	Solutions
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 is too far from the router.	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.

LIMITED WARRANTY

USA

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 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 Electronics (“LG”) will, at its option, repair or replace the Product. This limited warranty is valid only to the original retail purchaser of the Product and applies only when purchased and used within the United States including U.S. Territories.

<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</td><td>Five (5) years from the date of original retail purchase</td><td>Five (5) years from the date of original retail purchase</td><td rowspan="2">Linear / Inverter Compressor Only : Parts Only for years 6-10 from the date of original retail purchase (Consumer 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.
- 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 PROHIBTED 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 caused by leaky or broken water pipes, frozen water pipes, restricted drain lines, inadequate or interrupted water supply or inadequate supply of air.
- Damage resulting from operating the product in a corrosive atmosphere or contrary to the product 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 LG.

- Damage or failure caused by unauthorized modification or alteration, or if used for other than the intended purpose.
- Damage or failure resulting from misuse, abuse, improper installation, repair, or maintenance. Improper repair includes 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 caused by incorrect electrical current, voltage, or plumbing codes.
- 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 is reported within one (1) week of delivery.
- Damage or missing items to any display, open box, or discounted 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.
- Use of accessories (e.g., water filters, etc.), components, or consumable cleaning products that are not authorized by LG.
- Replacement of light bulbs, filters, or any consumable parts.
- When Product is used for other than normal and proper household use (e.g. commercial or industrial use, offices, and recreational facilities or vehicles) or contrary to the instructions outlined in the Product's owner's manual.
- Costs associated with removal and reinstallation of your Product for repairs.
- Shelves, door bins, drawers, handles and accessories, except for internal/functional parts covered under this limited warranty.

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

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/repair-service/schedule-repair-continued and clicking on "Find My Model & Serial 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.

LIMITED WARRANTY

CANADA

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. 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 Electronics Canada, Inc. (“LGECI”) will, at its option, repair or replace 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 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.

LGECI’S SOLE LIABILITY IS LIMITED TO THE LIMITED WARRANTY SET OUT ABOVE. EXCEPT AS EXPRESSLY PROVIDED ABOVE, LGECI MAKES NO, AND HEREBY DISCLAIMS, ALL OTHER WARRANTIES AND CONDITIONS RESPECTING THE PRODUCT, WHETHER EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, AND NO REPRESENTATIONS SHALL BE BINDING ON 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, handles 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 (7 A.M. to 12 A.M., 365 days a year) 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, 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, 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.

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. 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. 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/support/repair-service/schedule-repair and clicking on "Find My Model & Serial Number").

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.

LG Customer Information Center

For inquiries or comments,
visit **www.lg.com** or call:

1-800-243-0000 USA

1-888-542-2623 CANADA

Register your product Online!

www.lg.com