

LG SIGNATURE

OWNER'S MANUAL **WINE CELLAR**

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

ENGLISH



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IMPORTANT SAFETY INSTRUCTIONS

READ ALL INSTRUCTIONS BEFORE USE

Safety Messages

Your safety and the safety of others are very important.

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



This is the safety alert symbol.

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

These words mean:



WARNING

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



CAUTION

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

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

WARNING



WARNING

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

Installation

- To reduce the risk of injury to persons, adhere to all industry recommended safety procedures including the use of long-sleeved gloves and safety glasses.
- Never attempt to operate this appliance if it is damaged, malfunctioning, partially disassembled, or has missing or broken parts, including a damaged cord or plug.
- Only connect this product to a dedicated grounded electrical outlet rated for use with this product (115 V, 60 Hz, AC only). It is the user's responsibility to replace a standard 2-prong wall outlet with a standard 3-prong wall outlet.
- Do not use an outlet that can be turned off with a switch. Do not use an extension cord.
- The appliance must be positioned for easy access to a power source.
- When moving the refrigerator, be careful not to roll over or damage the power cord.
- Contact an authorized service center when installing or relocating the refrigerator.
- Do not, under any circumstances, cut or remove the third (ground) prong from the power cord.
- Keep packing materials out of the reach of children. Packaging material can be dangerous for children. There is a risk of suffocation.
- Do not install the refrigerator in a damp or dusty place where insulation on electrical parts may deteriorate.
- Do not place the refrigerator in direct sunlight or expose it to the heat from heating appliances such as stoves or heaters.

4 IMPORTANT SAFETY INSTRUCTIONS

- Do not bend or pinch the power cord excessively or place heavy objects on it.

Operation

- This appliance is intended to be used in household and similar applications such as:
 - staff kitchen areas in shops, offices and other working environments;
 - farm houses and by clients in hotels, motels and other residential type environments;
 - bed and breakfast type environments;
 - catering and similar non-retail applications.
- This product is not to be used for special purposes such as the storage of medicine or test materials or for use on ships, etc.
- DO NOT allow children to climb, stand, or hang on the refrigerator doors or on the shelves in the refrigerator. They could damage the refrigerator and seriously injure themselves.
- Do not allow children to climb into the refrigerator. They could be trapped and suffocated.
- Children should be supervised to ensure that they do not play with the refrigerator.
- Keep fingers out of pinch point areas; clearances between the doors and cabinets are necessarily small. Be careful closing doors when children are nearby.
- Do not touch frozen food or the metal parts in the freezer compartment with wet or damp hands. Doing so may cause frostbite.
- Do not refreeze frozen food that has thawed completely. Doing so may result in a serious health hazard.
- Do not use an adapter plug or plug the power plug into a multi-outlet extension cord.
- If the supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a hazard.
- Do not operate the refrigerator or touch the power cord with wet hands.
- Do not modify or extend the power cord.
- Do not use an uncertified power outlet. Do not plug 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.

Auto-lift Feature

- The auto-lift drawer function can be used by children aged 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 its use in a safe way and understand the hazards involved. The function can be turned off in the control panel, if desired.
- Do not allow children to play with or climb inside the drawer's inner compartment.
- Do not use the auto-lift function while folding the rear drawer back cover.
- Do not put your hand in the open areas at the sides or back of the drawer when open.
- Keep feet away from the bottom drawer when using the auto-open feature.
- Turn off the appliance before cleaning the bottom drawer compartment.
- The auto-lift device is heavy, so remove it with both hands.
- Do not unlock the locking knob of auto-lift device. The device could be activated, unfold, and be damaged.

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 is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Unplug the power plug before cleaning or repairing the refrigerator.
- The refrigerator and freezer compartment lights are interior LED lighting, and service should be performed by a qualified technician.
- Unplug the power plug immediately in the event of a blackout or thunderstorm.
- Turn the power off if water or dust penetrates into the refrigerator. Call a service agent.
- Do not store glass containers or soda in the freezer compartment. Contents may expand when frozen, break the container and cause injury.
- Do not store, disassemble or repair the appliance yourself or allow unqualified personnel to do so.

Disposal

- Junked or abandoned refrigerators are dangerous, even if they are sitting for only a few days. When disposing of the refrigerator, remove the packing materials from the door or take off the doors but leave the shelves in place so that children may not easily climb inside.
- If disposing of a refrigerator, make sure the refrigerant and insulation foam are removed for proper disposal by a qualified servicer. If you release the refrigerant or throw away the insulation foam, you may be fined or imprisoned in accordance with the relevant environmental law. Insulation foam contains flammable blowing gas.
- When discarding the appliance, remove the door gasket while leaving the shelves and bins in place, and keep children away from the appliance.

Grounding Instructions

- Improper connection of the equipment-grounding conductor can result in a risk of electric shock. Check with a qualified electrician or service personnel if you are in doubt whether the appliance is properly

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grounded. Do not modify the plug provided with the appliance; if it will not fit the outlet, have a proper outlet installed by a qualified electrician.

- Have a certified electrician check the wall outlet and wiring for proper grounding.
- Never unplug the appliance by pulling on the power cord. Always grip the plug firmly and pull straight out from the outlet. Failure to do so may damage the power cord, resulting in a risk of fire and electric shock.

Risk of Fire and Flammable Materials



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 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.

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 hang on to or place heavy objects on the refrigerator's dispenser.

Wine Storage

- Pull wine racks open gently. Jerking the racks out may cause bottles to fall.
- Store only wine bottles in the wine storage compartment. The temperature of the compartment is too high to safely preserve refrigerated foods.

Maintenance

- Do not use strong detergents like wax or thinners for cleaning. Clean with a soft cloth.
- Remove foreign objects (such as dust and water) off the prongs of the power plug and contact areas. Do not use a wet or damp cloth when cleaning the plug.
- Do not spray water directly on the inside or outside of the refrigerator.
- Do not clean glass shelves or covers with warm water when they are cold. They may break if exposed to sudden temperature changes.

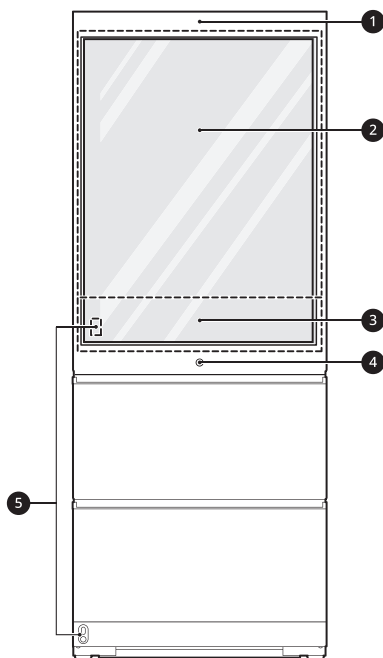
SAVE THESE INSTRUCTIONS

PRODUCT OVERVIEW

Product Features

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

Exterior



1 Voice Assistant Device

A voice assistant device is built into the door.

2 InstaView Door

The sleek tinted glass panel illuminates with two quick knocks, allowing you to see inside the easy access compartment without ever opening the door.

3 Control Panel

Displays the wine, refrigerator, and freezer temperature controls.

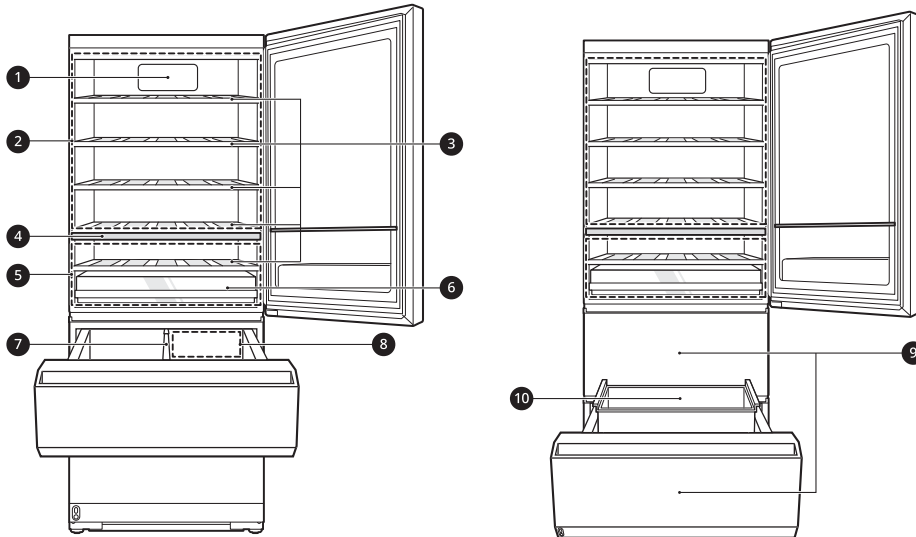
4 Bottom Pullout Drawer Button

When the button is pressed, the bottom drawer opens automatically and the inner compartment rises up for convenient access.

5 Automatic Door Opening Sensors

Stand close enough to the front of the appliance and **DOOR OPEN** appears on the floor. Pass your foot over the words on the floor to open the wine storage door automatically.

Interior



- 1 Fresh Filter**
This reduces odors inside the wine compartment.
- 2 Upper Zone**
Stores bottles of red wine.
- 3 Storage Rack**
Stores wine bottles on their sides for best long-term storage.
- 4 Zone Divider**
Helps maintain separate temperature zones.
- 5 Lower Zone**
Stores bottles of white wine and champagne.
- 6 Champagne Drawer**
Stores champagne bottles. Before storing champagne, turn on the champagne function in the control panel.
- 7 Durabase Divider**
Provides storage for large food items.
- 8 Quick Freezing Zone**
When you set the middle and bottom drawer to the freezer mode, the quick freezing zone will reach the set temperature most quickly.
- 9 Middle / Bottom Drawer**
The 2 drawers can be set to either Refrigerator or Freezer mode. Both drawers must use the same mode.
 - To store fresh food, press the **Refrigerator Drawer** button for at least 1 second.
 - To store frozen food, press the **Freezer Drawer** button for at least 1 second.

CAUTION

- Empty out both drawers before changing the mode from freezer to refrigerator or vice versa.

CAUTION

- If the mode is changed while food is in the drawer, the food could spoil.
-

Inner Compartment

Rises during the auto-lift operation.

Product Specifications

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

Electrical requirements: 115 V, 60 Hz

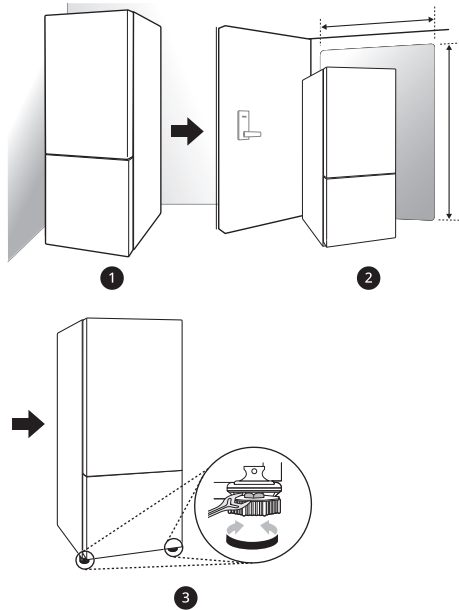
Model URETC1408N	
Description	Wine Cellar
Net weight	386 lb (175 kg)

INSTALLATION

Before Installing

Installation Overview

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



- 1 Unpacking the Refrigerator
- 2 Choosing the Proper Location
- 3 Leveling and Door Alignment

Unpacking the Refrigerator

⚠ WARNING

- Use two or more people to move and install the refrigerator. Failure to do so can result in back injury or other injury.
- The refrigerator is heavy. Protect the floor when moving the refrigerator for cleaning or service. Always pull the refrigerator straight out when moving it. Do not wiggle or walk the refrigerator when trying to move it, as floor damage could occur.
- Keep flammable materials and vapors, such as gasoline, away from the refrigerator. Failure to do so can result in fire, explosion, or death.

NOTE

- Remove tape and any temporary labels from your refrigerator before using. Do not remove any warning labels, the model and serial number label, or the Tech Sheet that is located under the front of the refrigerator.
- To remove any remaining tape or glue, rub the area briskly with your thumb. Tape or glue residue can also be easily removed by rubbing a small amount of liquid dish soap over the adhesive with your fingers. Wipe with warm water and dry.
- Do not use sharp instruments, rubbing alcohol, flammable fluids, or abrasive cleaners to remove tape or glue. These products can damage the surface of your refrigerator.
- Reinstall or adjust shelves as needed. Refrigerator shelves are installed in the shipping position. Reinstall shelves according to your individual storage needs.

Choosing the Proper Location

Electricity

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

⚠ WARNING

- Do not overload house wiring and cause a fire hazard by plugging in multiple appliances in the same outlet with the refrigerator.

⚠ WARNING

- To reduce the risk of electric shock, do not install the refrigerator in a wet or damp area.

Flooring

To avoid noise and vibration, the unit must be 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.

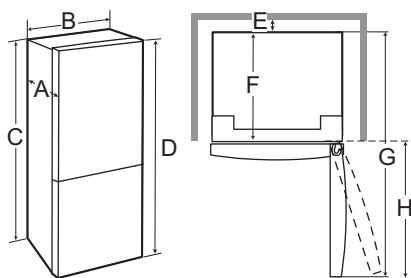
Ambient Temperature

Install this appliance in an area where the temperature is between **50 °F (10 °C)** and **95 °F (35 °C)**.

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

Dimensions and Clearances

- Check the dimensions of the appliance and the installation path to ensure there is sufficient room to move the refrigerator through doors or narrow openings.
- 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.



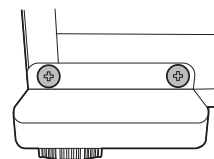
-	Dimension/Clearance	URETC1408N
A	Depth	28 15/16" (735 mm)
B	Width	27 9/16" (700 mm)
C	Height to Top of Case	69 1/16" (1753 mm)
D	Height to Top of Hinge	70 5/8" (1793 mm)
E	Back Clearance	2" (50 mm)
F	Depth without Door	24 15/16" (633 mm)
G	Depth (Total with Door Open 90°)	53 3/16" (1350 mm)
H	Front Clearance	25 5/8" (727 mm)

Leveling

Adjusting the Leveling Leg

If the appliance seems unsteady, or the doors do not close easily, adjust the appliance's tilt using the instructions below.

- 1 Open the bottom drawer and remove the cover from the appliance.



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

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

- 4 When the appliance is level, open the bottom drawer and reassemble the cover.

Turning on the Power

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

CAUTION

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

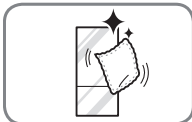
Position the Refrigerator

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

OPERATION

Before Use

Checklist

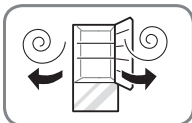


Clean the refrigerator.

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

⚠ CAUTION

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



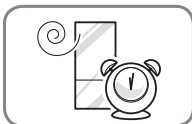
Open refrigerator doors and freezer drawers to ventilate the interior.

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



Connect the power supply.

Check if the power supply is connected before use.

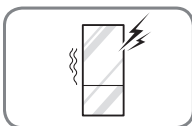


Wait for the refrigerator to cool.

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

⚠ CAUTION

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



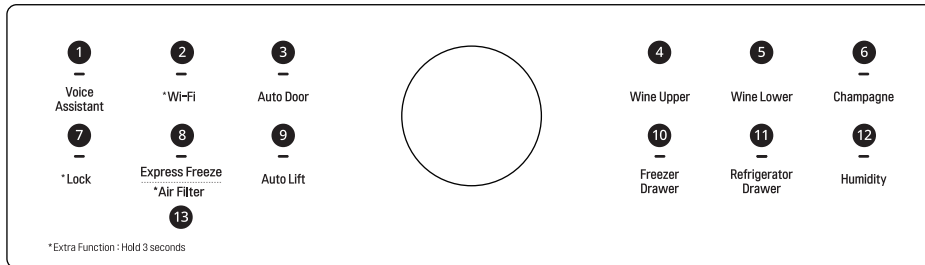
The refrigerator makes a loud noise after initial operation.

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

Control Panel

Depending on the model, some of the following functions may not be available.
The actual control panel may differ from model to model.

Control Panel Features



1 Voice Assistant

Changes voice assistant settings. This button allows you to activate/deactivate the Voice Assistant. To use the voice assistant feature, the appliance must be connected to the **LG ThinQ** application. For more information on connecting the appliance, refer to the **SMART FUNCTIONS**.

2 Wi-Fi

The Wi-Fi button, when used with the **LG ThinQ** app, allows the refrigerator to connect to a home Wi-Fi network. Refer to **Smart Functions** for information on the initial setup of the application.

The icon shows the status of the refrigerator's network connection. The icon illuminates when the refrigerator is connected to the Wi-Fi network.

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

3 Auto Door

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

4 Wine Upper

Indicates the set temperature of the upper zone in Celsius (°C) or Fahrenheit (°F). The default temperature is 55 °F (13 °C).

Press the **Wine Upper** button repeatedly to select a new set temperature from 52 °F to 64 °F (11 °C to 18 °C).

5 Wine Lower

Indicates the set temperature of the lower zone in Celsius (°C). The default temperature is 46 °F (8 °C).

Press the **Wine Lower** button repeatedly to select a new set temperature from 41 °F to 52 °F (5 °C to 11 °C).

6 Champagne

Press the **Champagne** button repeatedly to turn on and off this function. The default condition is turned off.

NOTE

- If you turn off this function, the temperature inside the champagne drawer remains the same as the temperature of the lower wine compartment.

7 Lock

The lock function disables every other button on the display.

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

8 Express Freeze

This function increases the freezing capabilities.

- To activate, press and hold the **Express Freeze** button until the LED lights up on the control panel.
- The function operates for about 24 hours, then turns off automatically.
- Stop the function manually by pressing and holding the button again.

9 Auto Lift

When **Auto Lift** is enabled, pressing the bottom pullout drawer button automatically opens the drawer and raises the inner compartment for convenient access.

Press the bottom pullout drawer button again to automatically lower the inner compartment and close the drawer.

10 Freezer Drawer

Indicates the set temperature of the drawers in Celsius (°C) or Fahrenheit (°F). The default Freezer mode temperature is 0 °F (-18 °C).

- Press the **Freezer Drawer** button repeatedly to select a new set temperature from - 7 °F to 5 °F (-23 °C to -15 °C).
- To set the drawers to the freezer mode, press and hold the **Freezer Drawer** button for approximately 1 second.

11 Refrigerator Drawer

Indicates the set temperature of the drawers in Celsius (°C) or Fahrenheit (°F). The default Refrigerator mode temperature is 37 °F (3 °C).

- Press the **Refrigerator Drawer** button repeatedly to select a new set temperature from 33 °F to 43 °F (1 °C to 7 °C).
- To set the drawers to the refrigerator mode, press and hold the **Refrigerator Drawer** button for approximately 1 second.

NOTE

- The displayed temperature is the target temperature, and not the actual temperature of the appliance. The actual temperature depends on the food inside the appliance.
-

12 Humidity

Press the **Humidity** button to raise the humidity in all temperature zones.

13 Air Filter

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

NOTE

Display Mode (For Store Use Only)

- The Display Mode disables all cooling in the refrigerator and freezer sections to conserve energy while on display in a retail store. When activated, Demo Mode is displayed on the control panel about 5 seconds.

- To deactivate / activate:
 - With either refrigerator door opened, press the **Express Freeze** button 3 times consecutively while pressing the **Refrigerator Drawer** button. The control panel beeps and the temperature settings display to confirm that Display Mode is deactivated. Use the same procedure to activate Display Mode.

Sabbath Mode

Using the Sabbath Mode

Sabbath mode is used on the Jewish Sabbath and holidays.

- 1 To turn Sabbath mode on, close all doors or drawers.
- 2 Touch the display to activate it, then press and hold the **Wi-Fi** and **Freezer Drawer** buttons for 3 seconds until both LEDs turn on.

CAUTION

- If you open the bottom drawer while the refrigerator is returning from Sabbath mode to the normal operation mode, the bottom drawer will be closed automatically.

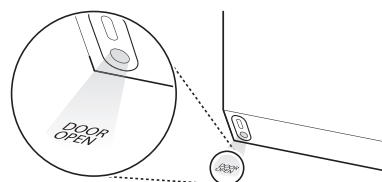
NOTE

- Sabbath mode automatically turns off after 96 hours.
- Once turned on, Sabbath mode is maintained even after a power outage.
- Selecting Sabbath mode automatically turns off the Alarm functions.
- The dispenser or InstaView is disabled in Sabbath Mode. This information is only available on models with the dispenser or InstaView.
- To turn Sabbath mode off manually, press and hold the **Wi-Fi** and **Freezer Drawer** buttons for 3 seconds.
- You may hear a clicking sound when the refrigerator returns from the Sabbath mode to the normal operation mode. It is normal to hear the clicking sound made during the operation check.
- You can activate or deactivate the Sabbath mode and set schedule for the mode activation through the **LG ThinQ** application. Before activating this mode, close the door and drawers.

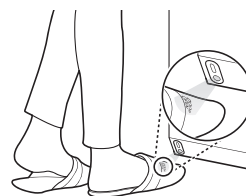
Automatic Opening Door

Using the Automatic Opening Door

- 1 When the automatic door opening function is enabled, text is displayed on the floor near the motion sensor.



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



CAUTION

- You may want to disable the automatic door opening function if you have young children or persons with reduced physical, sensory, or mental capabilities in the home. They could be injured if the door opens unexpectedly while they are nearby.

NOTE

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



NOTE

- The displayed text may not be readable on some flooring materials, but this will not affect the performance of the automatic door opening function.
- If flooring material is highly reflective (metal, glass tile), the motion sensor may malfunction and the automatic door opening function may not work properly.
- Reflective objects placed in front of the motion sensor may cause the text to display, but the text disappears if no movement is detected.
- If a pet passes by below when a person stands in front of the product, the automatic door opening function may be triggered.

InstaView

Using the InstaView Door

The sleek tinted glass panel illuminates with two quick knocks, allowing you to see inside the wine storage compartment without ever opening the door.

- 1 Knock twice on the glass to turn the LED light inside the door on or off.
- 2 The LED light turns off automatically after ten seconds.

NOTE

- The InstaView Door function is disabled for 2 seconds after closing the door.
- Knock near the center of the glass. Knocking near the edges of the glass may not activate the InstaView Door function.
- Knock hard enough so that the knocking sound is audible.
- The InstaView Door function may activate if a loud noise occurs near the appliance.
- Clean the glass door with a dry cloth. To remove stubborn stains, slightly moisten a clean cloth with lukewarm water or a glass cleaner. Do not spray glass cleaner directly at the glass door.

Storing Wine

CAUTION

- Do not overfill or pack items too tightly onto storage racks. Doing so may cause damage to the rack or personal injury if items are removed with excessive force.

NOTE

- If you are leaving home for a short period, like a short vacation, the refrigerator should be left on.
- If you are leaving the refrigerator turned off for an extended period, remove all contents and turn off the power. Clean the interior, and leave the door and drawers open to prevent fungi from growing in the refrigerator.
- If the refrigerator is kept in a hot and humid place, frequent opening of the door may cause condensation to form. Wipe off the condensation with a clean cloth or a paper towel.
- If the refrigerator door is opened or closed too often, warm air may penetrate the refrigerator and raise its temperature. This can increase the running costs of the unit and shorten the storage life of wines.
- Do not install the wine cooler near heat sources or where it will be exposed to direct sunlight.

Serving Temperature

If you plan to serve a wine within a few weeks, you may want to set one zone to store the wine at its recommended serving temperature. This does not preserve the quality of the wine as well long-term, but allows you to serve the wine without having to chill it or let it stand to bring it to the correct serving temperature. Serve wines kept at serving temperature within a few months. Check the label or consult a guide for the recommended serving temperature for specific wines.

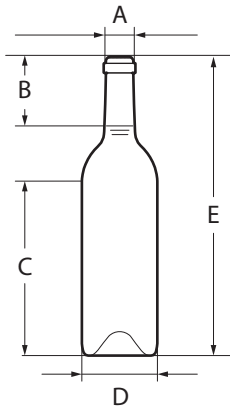
- **41-45 °F (6-10 °C)—Non-vintage Champagne and Sparkling Wines;** Cava, Asti, Prosecco, Sekt
- **43-46 °F (6-8 °C)—Sweet White Wines**
- **45-50 °F (7-10 °C)—Vintage Champagne, Light White and Rosé Wines;** Muscat, Rosé, Riesling, Pinot Grigio, Sauvignon Blanc, Semillon
- **50-55 °F (10-13 °C)—Full-Bodied White Wines and Light Red Wines;** Chardonnay, Viognier, White Burgundy, Chablis, Pinot Noir, Beaujolais, Barbera, Grenache
- **54-61 °F (12-16 °C)—Tawny Port**
- **58-64 °F (15-18 °C)—Medium- or Full-Bodied Red Wines, Aged Reds;** Zinfandel, Chianti, Red

Burgundy, Cabernet Sauvignon, Merlot, Malbec, Shiraz, Syrah, Bordeaux

- 64-68 °F (18-20 °C)— Vintage Port

Storage Capacity

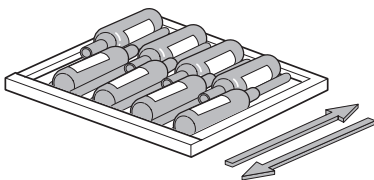
The wine storage compartment of this product is designed to store only wine, so it is not recommended for storing other liquor/beverages.



List	Dimension
A	Ø 1 3/32" (27.5 mm)
B	2 1/2" (63 mm)
C	6 1/4" (158.5 mm)
D	Ø 3" (76.1 mm)
E	11 27/32" (300.5 mm)

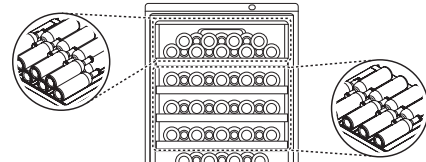
NOTE

- Stagger the fronts and backs of the bottles on the racks for safer storage.



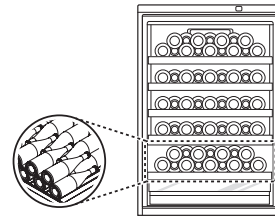
Storing Red Wine

The top shelf can hold up to 16 bottles. The remaining shelves can hold up to 9 bottles each.



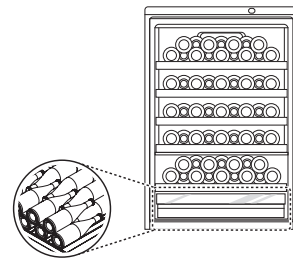
Storing White Wine

The shelf can hold up to 16 bottles.



Storing Champagne

The drawer can hold up to 6 bottles.



Storage Racks

The sliding racks help keep bottles organized and easy to reach.

CAUTION

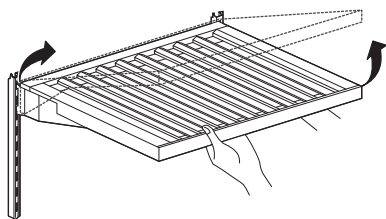
- The storage racks are heavy. Always use two hands when removing or assembling the racks to avoid product damage or personal injury. Always empty racks before removing them.
- Always open the door completely before removing or assembling the racks.

⚠ CAUTION

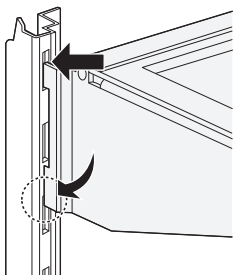
- As a natural product, the wood used for the racks can vary in color and grain, including the presence of knots.
- Due to the nature of the wood, spilled wine and other liquids may stain or discolor the racks.

Removing/Assembling Red Wine Racks

- 1** To remove, raise the front of the shelf to disengage the shelf hooks, then lift the shelf from the back.



- 2** To assemble, tilt the front of the shelf up and guide the shelf hooks into the slots at a desired height.

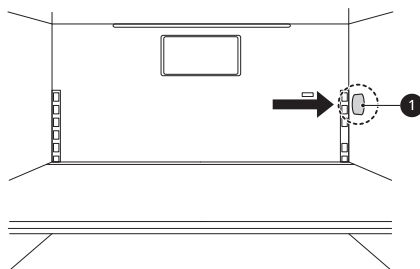


NOTE

- Foreign objects and dirt between the shelf and the inner cabinet wall could prevent the shelf light from turning on.

Wireless Power Transfer Specifications

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



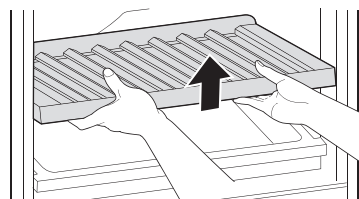
- 1** Wireless Power Transfer

NOTE

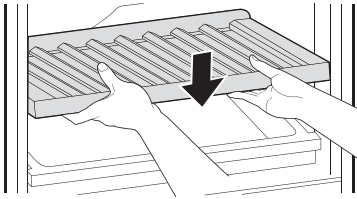
- Installing the shelf in the middle position will disable the shelf light.
- The shelf light turns on only when the shelf is installed in the highest or lowest positions.
- The shelf light turns on when the door is opened.
- The shelf light turns off after seven minutes or when the door is closed.

Removing/Assembling White Wine Rack

- 1** To remove the rack, lift the rack and pull straight out.

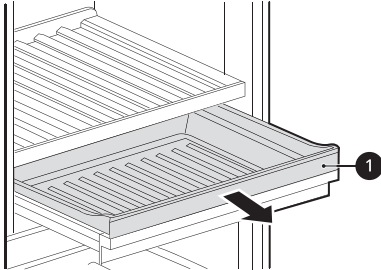


- 2** To assemble the rack, insert the rack into the frame and lower it into place.

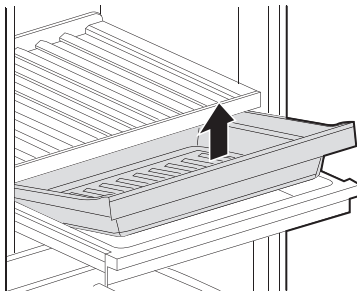


Removing/Assembling Champagne Drawer

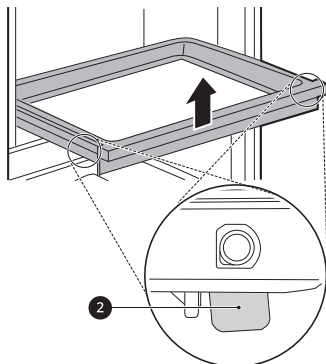
- 1** To remove, pull the drawer out.



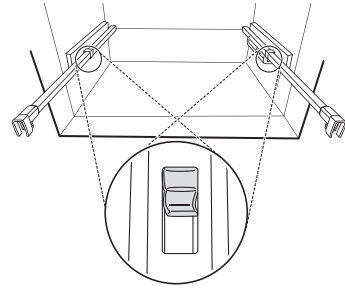
- 2** Lift the drawer straight up and out of the frame.



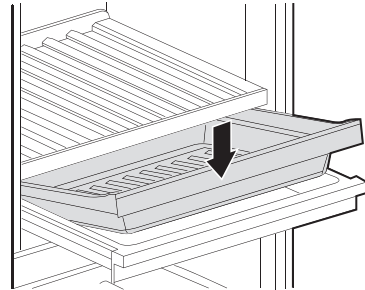
- 3** Keeping both levers **2** pressed, lift the drawer support slightly and remove it from the rail.



- 4** To assemble, hook the drawer support on the rails located on both side and press it down until you hear snap sound.



- 5** Angle the drawer into the frame and set it in place.



Storing Food

Food Storage Tips

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

⚠ CAUTION

- Do not overfill or pack items too tightly into door bins. Doing so may cause damage to the bin or personal injury if items are removed with excessive force.
- Do not store glass containers in the freezer. Contents may expand when frozen, break the container and cause injury.

How to Store Food

- Butter or Margarine
 - Keep opened butter in covered dish or closed compartment. When storing an extra supply, wrap in freezer packaging and freeze.
- Cheese
 - Store in original wrapping until used. Once opened, rewrap tightly in plastic wrap or aluminum foil.

22 OPERATION

- Milk
 - Wipe milk cartons. For coldest milk, place containers on an interior shelf.
- Eggs
 - Store in original carton on interior shelf, not on door shelf.
- Fruit
 - Do not wash or hull fruit until it is ready to be used. Sort and keep fruit in original container in a crisper, or store in completely closed paper bag on refrigerator shelf.
- Leafy Vegetables
 - Remove store wrapping, trim or tear off bruised and discolored areas, wash in cold water, and drain. Place in plastic bag or plastic container and store in crisper.
- Vegetables with skins (carrots, peppers)
 - Place in plastic bags or plastic container and store in crisper.
- Fish
 - Freeze fresh fish and shellfish if they are not being eaten the same day purchased. Eating fresh fish and shellfish the same day purchased is recommended.
- Leftovers
 - Cover leftovers with plastic wrap or aluminum foil, or store in plastic containers with tight lids.

Storing Frozen Food

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

Freezing

Your freezer will not quick-freeze a large quantity of food. Do not put more unfrozen food into the freezer than will freeze within 24 hours (no more than 2 to 3 pounds of food per cubic foot of freezer space). Leave enough space in the freezer for air to circulate around packages. Be careful to leave enough room at the front so the door can close tightly.

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

NOTE

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

Packaging

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

Packaging recommendations

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

Follow package or container instructions for proper freezing methods.

Do not use

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

NOTE

- If you are leaving home for a short period, like a short vacation, the refrigerator should be left on. Refrigerated foods that are able to be frozen will stay preserved longer if stored in the freezer.
- If you are leaving the refrigerator turned off for an extended period, remove all food and unplug the power cord. Clean the interior, and leave the door open to prevent fungi from growing in the refrigerator.
- Do not store food with high moisture content towards the top of the refrigerator. The moisture could come into direct contact with the cold air and freeze.
- Wash food before storing it in the refrigerator. Vegetables should be washed, and food packaging should be wiped down to prevent adjacent foods from being contaminated.
- If the refrigerator is kept in a hot and humid place, frequent opening of the door or storing a lot of vegetables in the refrigerator may cause condensation to form. Wipe off the condensation with a clean cloth or a paper towel.

- If doors are opened or closed too often, warm air may penetrate the refrigerator and raise its temperature. This can increase the running costs of the unit.

Auto-lift Device

Setting Auto Lift

Press **Auto Lift** repeatedly to toggle between Off → Sound On → Sound Off → Auto Drawer Opening Only.

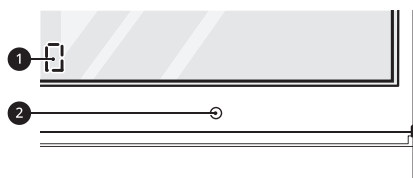
The setting is indicated by the icon in the display.

- Off: The drawer must be opened manually and the auto-lift function is disabled.
- Sound On: Sound is heard, the drawer is automatically opened and the inner container is raised.
- Sound Off: The drawer automatically opens without sound and the inner container is raised.
- Auto Drawer Opening Only: The drawer opens automatically without sound, but the inner container is not raised.



Using Auto Lift

- 1 Press the **Auto Lift** button to turn **Auto Lift** on.
- 2 Press the bottom pullout drawer button ②. The bottom drawer automatically opens and the inner container is raised.
 - When the auto open sensor ① detects motion in front of the appliance, the bottom pullout drawer button ② lights up. If the button does not light up, move closer to the appliance to trip the sensor.



- 3 Press the bottom pullout drawer button ② to automatically lower the inner container and close the drawer.

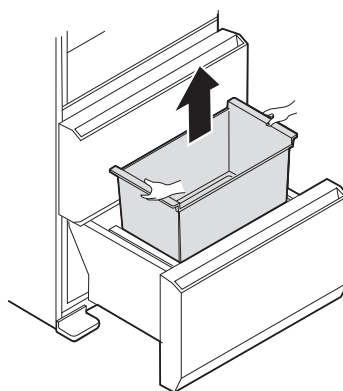
NOTE

- When the auto-lift function is turned off in the control panel:
 - Standing in front of the appliance will not activate the light around the bottom pullout drawer button.
 - When the bottom pullout drawer button is pressed, the light blinks 3 times.
- When the auto-lift function is turned on in the control panel:
 - If pressing the bottom pullout drawer button does not close the bottom drawer, open the middle drawer or manually close the bottom drawer.
 - If pressing the bottom pullout drawer button does not open the bottom drawer, manually opening the drawer will cause the inner compartment to lift up.
 - The auto-lift function does not work when the middle drawer is open.

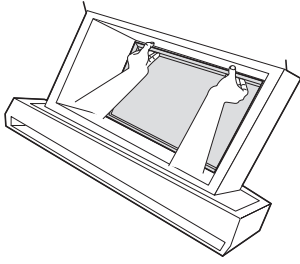
Removing the Auto-lift Device

Remove the auto-lift device in the bottom drawer to increase the storage space or for cleaning.

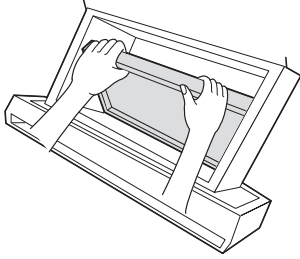
- 1 Unplug the appliance or disconnect power.
- 2 Open the bottom drawer, hold the inner compartment with both hands and pull it out.



- 3 The auto-lift device is at the bottom of the drawer. Hold the inner edge of the device with both hands and pull it up.



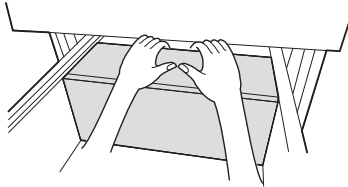
- 4** Hold the top of the auto-lift device with both hands and remove it from the bottom drawer.



⚠ WARNING

- The auto-lift device is heavy, so remove it with both hands.

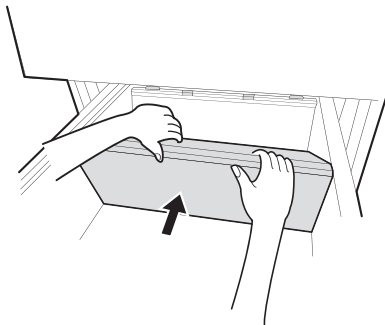
- 5** Insert the fingertips of both hands under the cover at the center and pull the cover forward gently.



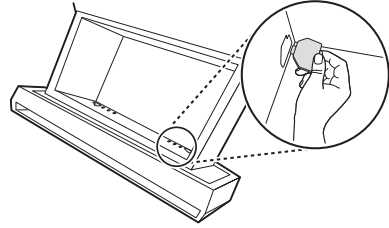
⚠ CAUTION

- Pull the cover gently to avoid damaging it.

- 6** Fold the back of the cover down and push the folded cover back slightly.

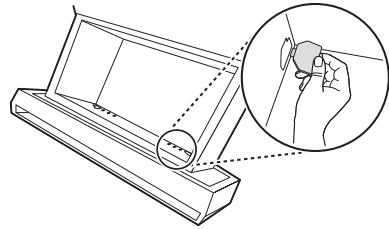


- 7** Insert the supplied hole cover into the groove at the bottom of the drawer.

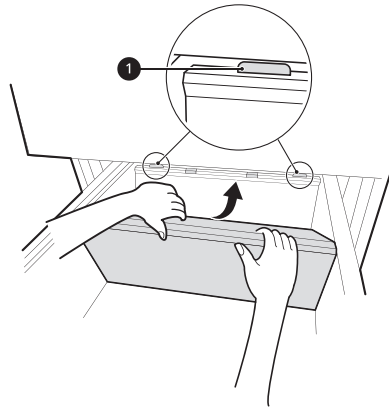


Assembling the Auto-lift Device

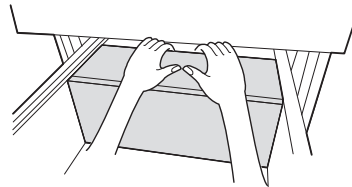
- 1** Remove the hole cover from the bottom of the drawer.



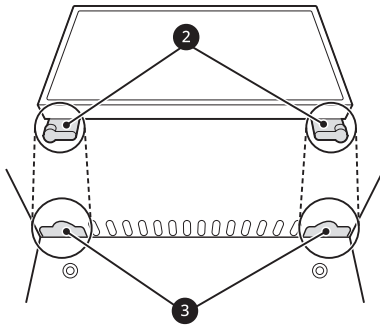
- 2** Raise the back section of the folded cover and rest it on the guide a at the rear of the drawer.



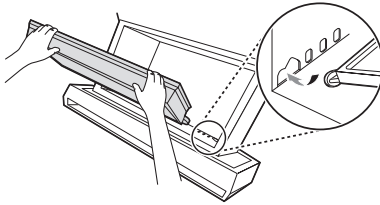
- 3** Hold the middle of the cover and lift it slightly into the groove.



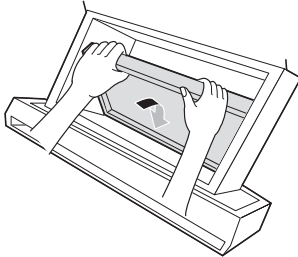
- 4** Make sure the hinges on the auto-lift device are aligned with the slots in the drawer.



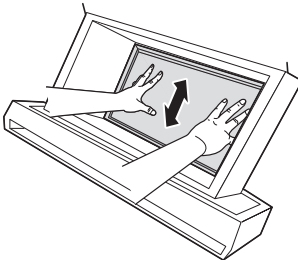
- 5** Lift the auto-lift device with both hands.



- 6** Insert the hinges on the auto-lift device into the slots at the front of the drawer.



- 7** Lower the device into place and move it back and forth to make sure it is engaged.



- 8** Use both hands to refit the inner compartment in the drawer.

- 9** Plug in the appliance or connect power.

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 Care+**[†]
 - Provides a more personalized experience based on an analysis of your usage patterns.
- **Smart Sabbath**[†]
 - Activates or deactivates the Sabbath mode and sets the schedule for the mode activation.
- **Energy Monitoring**[†]
 - This feature keeps track of the refrigerator's power consumption and the number of door openings.
- **Remote Control**
 - Controls the Refrigerator Temperature, Fresh Air Filter and Ice Plus from the smartphone app.
- **Push Messages**
 - If the door remains open for more than ten minutes, you will receive a push message. When Ice Plus is finished, you will receive a push message.
- **Smart Diagnosis**[™]
 - This function provides useful information for diagnosing and solving issues with the appliance based on the pattern of use.
- **Settings**
 - Allows you to set various options on the refrigerator and in the application.

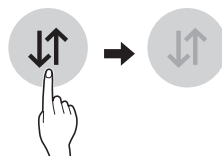
[†] This feature is only available on some models.

NOTE

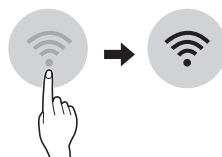
- If you change your wireless router, Internet service provider, or password, delete the registered appliance from the **LG ThinQ** application and register it again.
- This information is current at the time of publication. The application is subject to change for product improvement purposes without 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 distance between the appliance and the wireless router is too far, the signal becomes weak. It may take a long time to register or fail to install the application.
- 2 Turn off the **Mobile data** or **Cellular Data** on your smartphone.



- 3 Connect your smartphone to the wireless router.



NOTE

- To verify the Wi-Fi connection, check that the  icon on the control panel is lit.
- The appliance supports 2.4 GHz Wi-Fi networks only. To check your network frequency, contact your Internet service provider or refer to your wireless router manual.
- **LG ThinQ** is not responsible for any network connection problems or any faults, malfunctions, or errors caused by network connection.
- 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 may not connect or the connection may be interrupted because of the home network environment.
- If the appliance cannot be registered due to problems with the wireless signal transmission,


unplug the appliance and wait about a minute before trying again.

- If the firewall on your wireless router is enabled, disable the firewall or add an exception to it.
- The wireless network name (SSID) should be a combination of English letters and numbers. (Do not use special characters.)
- Smartphone user interface (UI) may vary depending on the mobile operating system (OS) and the manufacturer.
- If the security protocol of the router is set to **WEP**, 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 smartphone. Follow instructions to download and install the application.

Connecting to Wi-Fi

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


Initial Appliance Registration

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

Re-registering the Appliance or Registering Another User

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

NOTE

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

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 and also Part 18 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 and part 18 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

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.

The manufacturer is not responsible for any radio or TV interference caused by unauthorized modification to this device. It is the responsibility of the user to correct such interference.

Wireless LAN Module Specifications

Model	PWFSA2
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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

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

- (1) This device may not cause interference.
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

IC Radiation Exposure Statement

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

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

NOTE

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

Open Source Software Notice Information

To obtain the source code 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.

Using the Voice Assistant

Before Using

The product must be connected to the **LG ThinQ** app in order to use the voice assistant feature.

NOTE

- Voice assistant supports English commands only, so it will not respond to languages other than English.

Voice Assistant Features

Use your voice to automatically open the door and get information such as the weather or time of day.

Function	Command (example)
Open Door	Open the refrigerator door.
	Could you open the refrigerator door?
	Please open the refrigerator door.
Information	What day is it today?
	What time is it now?

NOTE

- Voice assistant results may vary based on the volume of the user's voice, their intonation, and the ambient noise.
- For best results, keep background noise to a minimum and stand within 3 m of the appliance.
- On some models, the motion sensor works with the voice assistant to answer certain voice commands.

Setting up the Voice Assistant

You must wake the voice assistant up before it can assist you. You can select 2 different ways to do this.

Wake Zone + Wake Word mode

This mode allows you to use either motion sensor activation or voice activation.

- **Wake Zone:** Stand close enough to the front of the product and the voice assistant will wake automatically without the wake word.
- **Wake Word:** Stand within 3 m of the appliance and clearly say, "**Hi, LG**".

Wake Word mode

This mode allows you to use voice activation.

- **Wake Word:** Stand within 3 m of the appliance and clearly say, "**Hi, LG**".

OFF mode

This mode turns off the voice assistant.

Setting up the Voice Assistant on Paired Refrigerators

When two or more refrigerators with the voice assistant feature are paired, the refrigerators will respond to your voice command at the same time. To avoid this, the voice assistant should be set up using the following method.

Activating the Voice Assistant on One Paired Refrigerator

Set the voice assistant feature to **ON** in the control panel of the appliance for which you want to use voice controls. Set the voice assistant feature to **OFF** in the control panel of the appliance for which you don't want to use voice controls.

Using Wake Word

To use the Wake Word, stand within 3 m of the appliance.

- 1 To wake the voice assistant, say, "**Hi, LG**".
 - The voice assistant control window automatically displays "**Go ahead, I'm listening.**" and enters the ready mode.
- 2 Clearly issue your command.
 - Example: **Open the refrigerator door.**

- If the voice assistant does not recognize the command, repeat it or try a different command.

Using Wake Zone



To use the Wake Zone, stand near the front of the appliance and the voice assistant will automatically wake and enter standby mode to receive voice commands.

- 1 Stand in front of the product and wait a moment.
 - The voice assistant control window automatically displays "**Go ahead, I'm listening.**" and enters the ready mode.
- 2 Clearly issue your command.
 - Example: **Open the refrigerator door.**

NOTE

- Voice assistant supports English commands only, so it will not be responded to other than English language.
- To issue a new voice command, say, "**Hi, LG**" or move away from the appliance and then move close again (within 1 m).
- If the voice command is not recognized, the voice assistant function exits the standby mode.

Smart Diagnosis

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

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

NOTE

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

Using LG ThinQ to Diagnose Issues

If you experience a problem with your Wi-Fi equipped appliance, it can transmit

troubleshooting data to a smartphone using the **LG ThinQ** application.

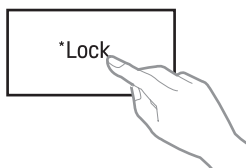
- Launch the **LG ThinQ** application and select the **Smart Diagnosis** feature in the menu. Follow the instructions provided in the **LG ThinQ** application.

Using Audible Diagnosis to Diagnose Issues

Follow the instructions below to use the audible diagnosis method.

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

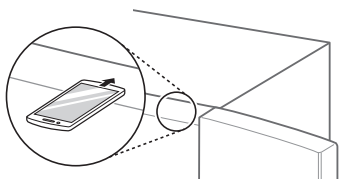
- 1 Hold the **Lock** button for three seconds.
 - If the display has been locked for over five minutes, you must deactivate the lock and then reactivate it.



- 2 Press and hold the **Freezer Drawer** button for 3 seconds.

- 3 Open the refrigerator door.

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



- 5 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

- Both the refrigerator and freezer sections defrost automatically; however, clean both sections once a month to prevent odors.
- Wipe up spills immediately.
- Unplug the refrigerator or disconnect power before cleaning.
- Remove all removable parts, such as shelves.
- Use a clean sponge or soft cloth and a mild detergent in warm water. Do not use abrasive or harsh cleaners.
- Hand wash, rinse and dry all surfaces thoroughly.

Exterior

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

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

Inside Walls

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

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

Door Liners and Gaskets

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

Plastic Parts (Covers and Panels)

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

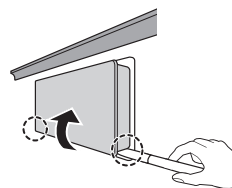
Air Filter

Replacing the Fresh Filter

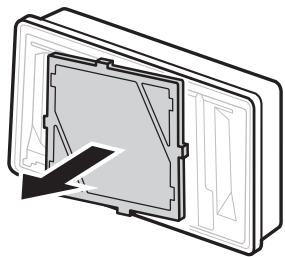
Replace the air filter:

- Approximately every six months.
- When the air filter LED blinks or the replacement indicator icon is displayed.

- 1 Remove the cover of the Fresh Filter compartment. The cover can be easily separated by inserting the plastic rod into the groove on either side of the bottom of the compartment.



- 2 Remove the filter inside the Fresh filter cover and replace it with a new filter.
 - Make sure to insert the new filter with the "Back" label facing out.



- 3** To reset the filter replacement period, press the **Air Filter** button on the control panel until the icon on the control panel turns off.

TROUBLESHOOTING

FAQs

Frequently Asked Questions

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

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

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

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

Q: My refrigerator is powered on and the controls are working, but it's not cooling and the display shows "Demo Mode". What is wrong?

A: The refrigerator is in Display Mode. The Display Mode disables all cooling in the refrigerator and freezer sections to conserve energy while on display in a retail store. When activated, Demo Mode is displayed on the control panel and the display remains on for 5 seconds. With either refrigerator door opened, press the **Express Freeze** button 3 times consecutively while pressing the **Refrigerator Drawer** button. The control panel beeps and the temperature settings display to confirm that Display Mode is deactivated. Use the same procedure to activate Display Mode.

Before Calling for Service

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

Cooling

Problem	Possible Cause & Solution
Refrigerator is not cooling or has no power.	<p>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.</p> <ul style="list-style-type: none"> • 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.
	<p>The refrigerator control is set to OFF (some models).</p> <ul style="list-style-type: none"> • Turn the control ON. Refer to the Setting the Controls section for proper temperature settings.
	<p>Refrigerator is set to Demo Mode.</p> <ul style="list-style-type: none"> • Demo Mode allows the lights and control display to work normally while disabling cooling, to save energy while the refrigerator is on the showroom floor. See the FAQs section of this manual for instructions on how to disable Demo Mode.
	<p>Refrigerator is in the defrost cycle.</p> <ul style="list-style-type: none"> • 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.
	<p>Refrigerator was recently installed.</p> <ul style="list-style-type: none"> • It may take up to 24 hours for each compartment to reach the desired temperature.
	<p>Refrigerator was recently relocated.</p> <ul style="list-style-type: none"> • 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.	<p>Refrigerator is replacing an older model.</p> <ul style="list-style-type: none"> • Modern refrigerators require more operating time but use less energy due to more efficient technology.
	<p>Refrigerator was recently plugged in or power restored.</p> <ul style="list-style-type: none"> • The refrigerator will take up to 24 hours to cool completely.
	<p>The door is opened often or a large amount of food / hot food was added.</p> <ul style="list-style-type: none"> • 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.)
	<p>Doors are not closed completely.</p> <ul style="list-style-type: none"> • Firmly push the doors shut. If they will not shut all the way, the "Doors will not close correctly or pop open" section in Troubleshooting.
	<p>Refrigerator is installed in a hot location.</p> <ul style="list-style-type: none"> • The compressor will run longer under warm conditions. At normal room temperatures (70 °F or 21 °C) expect your compressor to run about 40 % to 80 % of the time. Under warmer conditions, expect it to run even more often. The refrigerator should not be operated above 110 °F (43 °C).
	<p>Condenser / back cover is clogged.</p> <ul style="list-style-type: none"> • Use a vacuum cleaner with an attachment to clean the condenser cover and vents. Do not remove the panel covering the condenser coil area.

Problem	Possible Cause & Solution
Interior moisture buildup.	Doors are opened often or for long periods of time. <ul style="list-style-type: none"> 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. <ul style="list-style-type: none"> See the "Doors will not close correctly or pop open" section.
	Weather is humid. <ul style="list-style-type: none"> 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. <ul style="list-style-type: none"> 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. <ul style="list-style-type: none"> 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. <ul style="list-style-type: none"> Rearrange items with high water content away from air vents.
	Refrigerator temperature control is set incorrectly. <ul style="list-style-type: none"> 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. <ul style="list-style-type: none"> When the refrigerator is operated in temperature below 41 °F (5 °C), food can freeze in the refrigerator compartment. The refrigerator should not be operated in temperature below 55 °F (13 °C).
Refrigerator or Freezer section is too cold.	Incorrect temperature control settings. <ul style="list-style-type: none"> 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. <ul style="list-style-type: none"> This is normal for food items with a high water content.
	Food has been left in the freezer for a long period of time. <ul style="list-style-type: none"> 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. <ul style="list-style-type: none"> 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. <ul style="list-style-type: none"> Refer to the "Doors will not close correctly or pop open" section in the Troubleshooting.

Problem	Possible Cause & Solution
Refrigerator or Freezer section is too warm.	Refrigerator was recently installed. <ul style="list-style-type: none"> It may take up to 24 hours for each compartment to reach the desired temperature.
	The air vents are blocked. Cold air circulates from the freezer to the fresh food section and back again through air vents in the wall dividing the two sections. <ul style="list-style-type: none"> Locate air vents by using your hand to sense airflow and move all packages that block vents and restrict airflow. Rearrange items to allow air to flow throughout the compartment.
	Doors are opened often or for long periods of time. <ul style="list-style-type: none"> 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. <ul style="list-style-type: none"> The refrigerator should not be operated in temperatures above 110 °F (43 °C).
	A large amount of food or hot food was added to either compartment. <ul style="list-style-type: none"> Adding food warms the compartment requiring the cooling system to run. Allowing hot food to cool to room temperature before putting it in the refrigerator will reduce this effect.
	Doors are not closed correctly. <ul style="list-style-type: none"> See the "Doors will not close correctly or pop open" section in the Troubleshooting.
	Temperature control is not set correctly. <ul style="list-style-type: none"> 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. <ul style="list-style-type: none"> During the defrost cycle, the temperature of each compartment may rise slightly and condensation may form on the back wall. Wait 30 minutes and confirm the proper temperature has been restored once the defrost cycle has completed.

Parts & Features

Problem	Possible Cause & Solution
Doors will not close correctly or pop open.	Food packages are blocking the door open. <ul style="list-style-type: none"> Rearrange food containers to clear the door and door shelves.
	Ice bin, crisper cover, pans, shelves, door bins, or baskets are out of position. <ul style="list-style-type: none"> Push bins all the way in and put crisper cover, pans, shelves and baskets into their correct positions. See the Operation section for more information.
	The doors were removed during product installation and not properly replaced. <ul style="list-style-type: none"> Remove and replace the doors according to the Removing and Replacing Refrigerator Handles and Doors section.
	Refrigerator is not leveled properly. <ul style="list-style-type: none"> See Door Alignment in the Refrigeration Installation section to level refrigerator.
Doors are difficult to open.	The gaskets are dirty or sticky. <ul style="list-style-type: none"> 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. <ul style="list-style-type: none"> 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.

Problem	Possible Cause & Solution
Refrigerator wobbles or seems unstable	Leveling legs are not adjusted properly. <ul style="list-style-type: none"> Refer to the Leveling and Door Alignment section.
	Floor is not level. <ul style="list-style-type: none"> It may be necessary to add shims under the leveling legs or rollers to complete installation.
Lights do not work.	LED interior lighting failure. <ul style="list-style-type: none"> The refrigerator compartment lamp is LED interior lighting, and service should be performed by a qualified technician.
Refrigerator has an unusual odor.	The Air Filter may need to be set to the MAX setting or replaced. <ul style="list-style-type: none"> Set the Air Filter to the MAX setting. If the odor does not go away within 24 hours, the filter may need to be replaced. See the Replacing the Air Filter section for replacement instructions.
The interior of the refrigerator is covered with dust or soot.	The refrigerator is located near a fire source, such as a fireplace, chimney, or candle. <ul style="list-style-type: none"> Make sure that the refrigerator is not located near a fire source, such as a fireplace, chimney or candle.

Voice Assistant

Problem	Possible Cause & Solution
Voice Assistant function turns on automatically.	The voice assistant is set to the Wake Zone + Wake Wordmode. Every time you pass in front of the appliance, the voice assistant wakes and enters the standby mode to recognize voice commands. <ul style="list-style-type: none"> Change Voice Assistant from Wake Zone + Wake Word to Wake Word.

Noises

Problem	Possible Cause & Solution
Clicking	The defrost control will click when the automatic defrost cycle begins and ends. The thermostat control (or refrigerator control on some models) will also click when cycling on and off. <ul style="list-style-type: none"> 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. <ul style="list-style-type: none"> Normal Operation
	Refrigerator is not resting solidly on the floor. <ul style="list-style-type: none"> 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. <ul style="list-style-type: none"> Normal Operation
Whooshing	Evaporator fan motor is circulating air through the refrigerator and freezer compartments. <ul style="list-style-type: none"> Normal Operation
	Air is being forced over the condenser by the condenser fan. <ul style="list-style-type: none"> Normal Operation
Gurgling	Refrigerant flowing through the cooling system. <ul style="list-style-type: none"> Normal Operation

Problem	Possible Cause & Solution
Popping	Contraction and expansion of the inside walls due to changes in temperature. <ul style="list-style-type: none"> • Normal Operation
Sizzling	Water dripping on the defrost heater during a defrost cycle. <ul style="list-style-type: none"> • 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. <ul style="list-style-type: none"> • 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. <ul style="list-style-type: none"> • 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. <ul style="list-style-type: none"> • Normal Operation

Wi-Fi

Problem	Possible Cause & Solution
Trouble connecting appliance and smartphone to Wi-Fi network	The password for the Wi-Fi network was entered incorrectly. <ul style="list-style-type: none"> • Delete your home Wi-Fi network and begin the registration process again.
	Mobile data for your smartphone is turned on. <ul style="list-style-type: none"> • Turn off the Mobile data on your smartphone before registering the appliance.
	The wireless network name (SSID) is set incorrectly. <ul style="list-style-type: none"> • 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. <ul style="list-style-type: none"> • 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 distance between the appliance and the router is too far. <ul style="list-style-type: none"> • 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

TERMS AND CONDITIONS

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

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

WARRANTY PERIOD			
Refrigerator/Freezer	Sealed System (Condenser, Dryer, Connecting Tube and Evaporator)	Compressor	
One (1) year from the date of original retail purchase	Five (5) years from the date of original retail purchase	Five (5) years from the date of original retail purchase	Linear / Inverter Compressor Only : Parts Only for years 6-10 from the date of original retail purchase (Consumer will be charged for labor)
Parts and Labor (internal/functional parts only)	Parts and Labor	Parts and 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.
- Replaced Product or part(s) will be the property of LG.
- Proof of original retail purchase specifying the Product model and date of purchase is required to obtain warranty service under this limited warranty.
- Warranty start date will be ninety (90) days from manufacture date absent valid proof of purchase.

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

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

THIS LIMITED WARRANTY DOES NOT COVER:

- Service trips to deliver, pick up, or install, educate how to operate, correct wiring, or correct unauthorized repairs.
- Damage or failure of the Product to perform during power failures and interrupted or inadequate electrical service.
- Damage or failure of the Product caused by leaky or broken water pipes, frozen water pipes, restricted drain lines, inadequate or interrupted water supply or inadequate supply of air.
- Damage or failure of the Product resulting from operating the Product in a corrosive atmosphere or contrary to the Product owner's manual.
- Damage or failure of the Product caused by accidents, pests and vermin, lightning, wind, fire, floods, acts of nature, or any other causes beyond the control of LG.
- Damage or failure of the Product caused by unauthorized modification or alteration, or if the Product is used for other than the intended purpose, or any water leakage where the Product was not properly installed.
- Damage or failure of the Product caused by incorrect electrical current, voltage, or plumbing codes.
- Damage or failure of the Product caused by transportation, storage, and/or handling, including scratches, dents, chips, and/or other damage to the finish of the Product, unless such damage is reported within one (1) week of delivery.
- Damage or 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.
- Products 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 Product owner's manual.
- Costs associated with removal and reinstallation of the Product for repairs.
- Replacement of light bulbs, filters, or any consumable parts.
- The removal and reinstallation of the Product if it is installed in an inaccessible location or is not installed in accordance with the Product owner's manual.
- Damage or failure of the Product resulting from misuse, abuse, improper installation, repair, or maintenance. Improper repair includes the use of parts not authorized by LG. Improper installation or maintenance includes installation or maintenance contrary to the Product owner's manual.
- Damage or failure of the Product caused by the use of parts, components, accessories (e.g., water filters, etc.), consumable cleaning products, any other products, or services that are not authorized by LG.
- Shelves, door bins, drawers, handle 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 You.

TO OBTAIN WARRANTY SERVICE AND ADDITIONAL INFORMATION

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

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

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

PROCEDURE FOR RESOLVING DISPUTES:

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

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

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

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

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

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

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

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

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

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

CANADA

TERMS AND CONDITIONS

ARBITRATION NOTICE: THIS LIMITED WARRANTY CONTAINS AN ARBITRATION PROVISION THAT REQUIRES YOU AND LG TO RESOLVE DISPUTES BY BINDING ARBITRATION INSTEAD OF IN COURT, UNLESS THE LAWS OF YOUR PROVINCE OR TERRITORY DO NOT PERMIT THAT, OR, IN OTHER JURISDICTIONS, IF YOU CHOOSE TO OPT OUT. 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, handle and accessories to the Product, except for internal/functional parts covered under this Limited Warranty.
- Coverage for "in Home" repairs, for products in-warranty, will be provided if the Product is within a 150 km radius from the nearest authorized service center (ASC), as determined by LG Canada. If your Product is located outside a 150 km radius from a ASC, as determined by LG Canada, it will be your responsibility to bring the Product, at your sole expense, to the ASC for in-warranty repair.

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

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

Call 1-888-542-2623 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 SIGNATURE

Customer Information Center

For inquiries or comments, call;

1-800-984-6306 USA, Consumer User

1-888-865-3026 USA, Commercial User

1-888-542-2623 CANADA