OPERATION

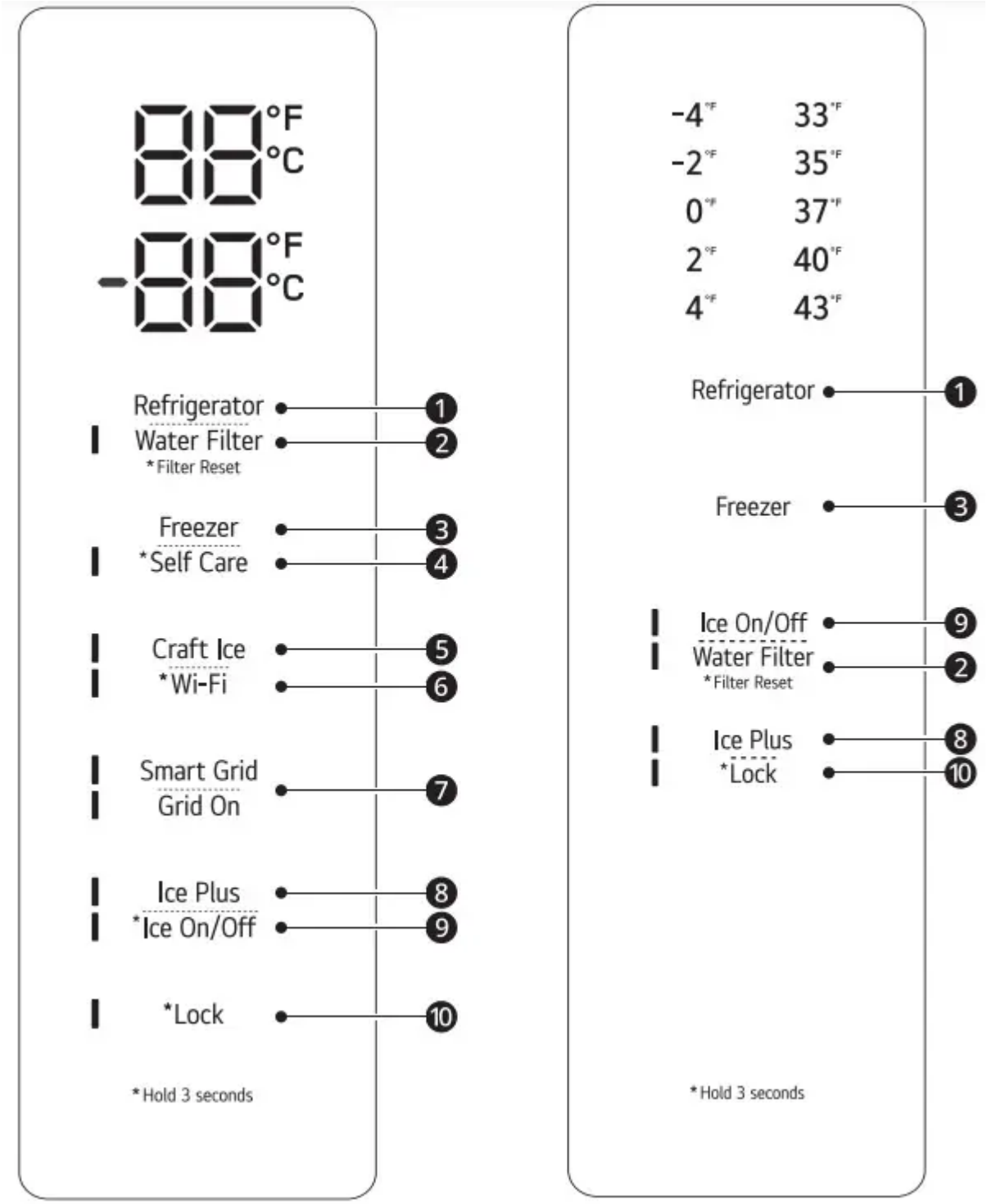
Control Panel

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

Refrigerator Control Panel

- This feature is only available on some models.



1. Refrigerator

   - Indicates the set temperature of the refrigerator compartment in Celsius (°C) or Fahrenheit (°F). The default refrigerator temperature is 37 °F (3 °C). Press the Refrigerator button repeatedly to select a new set temperature from 33 °F to 43 °F (1 °C to 7 °C).
   - **NOTE**
     - To change the temperature mode from °F to °C (or vice versa) press and hold the Refrigerator and Freezer buttons simultaneously for

approximately five seconds. The temperature indicator on the display window switches between Celsius and Fahrenheit.

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

2. Water Filter

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

3. Freezer

- Indicates the set temperature of the freezer compartment in Celsius (°C) or Fahrenheit (°F). The default freezer temperature is 0 °F (-18 °C). Press the Freezer button repeatedly to select a new set temperature from - 7 °F to 5 °F (-23 °C to -15 °C) or - 4 ℉ to 4 ℉.

4. Self Care†

- UV light is used to keep the water outlet clean. UV clean function runs automatically for 10 minutes every hour or can be manually activated at any time. Press and hold this button for 3 seconds to activate it manually.
- **NOTE**
  - During operation, the function stops if the Water button is pressed. It resumes automatically after 1 hour.
  - The function runs automatically for 10 minutes every hour without requiring you to press the Self Care button.
  - UVnano is a compound word derived from the words UV and its unit, a nanometer.

5. Craft Ice†

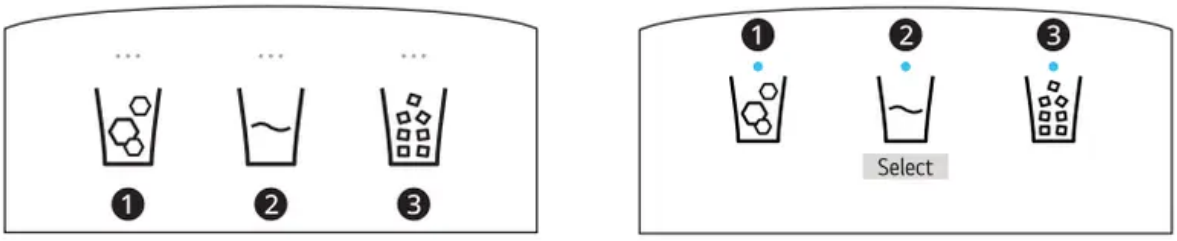
- Press the Craft Ice button repeatedly to toggle between the 3 ICE, 6 ICE and OFF modes. After 5 seconds of idle time, the last mode will be saved, and the display will return to normal.
  - To turn off the Craft Ice maker, select the OFF mode.
  - To turn on the Craft Ice maker, select the 3 ICE or 6 ICE mode.
- **NOTE** For more ice, select the 6 ICE mode. For clearer ice, select the 3 ICE mode.

6. 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 Wi-Fi indicator shows the status of the refrigerator's network connection. The indicator 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 indicator blinks while the connection is being made and then turns on once the connection is successfully made.
7. Smart Grid†
    - Press the Smart Grid button to turn the function On/Off. When the function is on, the indicator illuminates. The function automatically turns on when the refrigerator is connected to the Wi-Fi network.
    - The Smart Grid function is only available if your electric utility company supports the function. When the refrigerator is responding to a Demand Response (DR) message from the electric company, the Grid On indicator illuminates.
8. Ice Plus
    - This function increases both ice making and freezing capabilities.
        - Press the Ice Plus button to illuminate the icon and activate the function for 24 hours. The function automatically shuts off after 24 hours.
        - Stop the function manually by pressing the button once more.
9. Ice On/Off
    - Press and hold the Ice On/Off button for three seconds to turn the in-door icemaker on/off.
10. 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 indicator appears in the display and the function is activated.
        - To disable the function, press and hold the Lock button for approximately three seconds.

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, OFF is displayed on the control panel.
  - To deactivate/activate:
    - With either refrigerator door opened, press the Ice Plus button 3 times consecutively while pressing the Refrigerator 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.

Dispenser Control Panel



Water & Ice Type

Select the desired dispenser mode from the buttons on the dispenser control panel. From left to right, the icons indicate cubed ice 1, water 2, and crushed ice 3. Press the dispenser switch with a glass or other container to dispense cubed ice, water or crushed ice.

NOTE When the refrigerator is in the Power Saving Mode, the display remains off until a door is opened or a button is pressed. Once on, the display remains on for 20 seconds.

Sabbath Mode

This feature is only available on some models.

Using the Sabbath Mode

Sabbath mode is used on the Jewish Sabbath and Holidays.

- To turn Sabbath mode on, touch the display to activate it, then press and hold the Freezer and Wi-Fi buttons for 3 seconds until sb appears in the display.
- To turn Sabbath mode off manually, press and hold the Freezer and Wi-Fi buttons for 3 seconds.

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 and InstaView are disabled in Sabbath mode, on applicable models.

Ice and Water Dispenser

Before Using the Ice and Water Dispenser

CAUTION

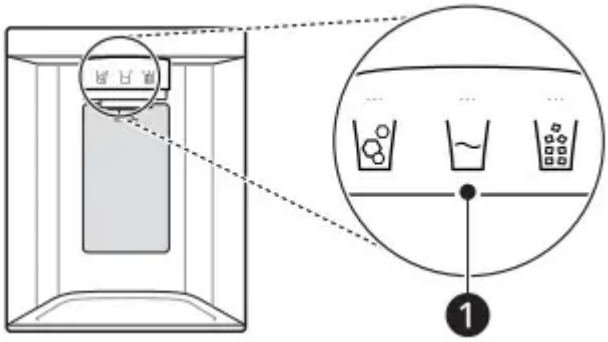
- Keep children away from the dispenser. Children may play with or damage the controls.
- Throw away the first bin full of ice (about 140- 160 cubes) after installation. The first ice and water dispensed may include particles or odor from the water supply line or the water tank. This is also necessary if the refrigerator has not been used for a long time.
- Dispense and throw away 2.5 gallons of water (flush for approximately 5 minutes) after installation. Do not dispense the entire 2.5 gallon amount continuously. Press and release the dispenser pad for cycles of 30 seconds ON and 60 seconds OFF. This is also necessary if the refrigerator has not been used for a long time.
- If ice or water dispenses unexpectedly, turn off the water supply and contact an LG Electronics Customer Information Center.
- Never use a glass that is exceptionally narrow or deep. Ice may jam in the ice passage and refrigerator performance may be affected.
- When dispensing ice from the dispenser, do not use a fragile container.
- Do not hang on to or place heavy objects on the refrigerator’s dispenser.

NOTE

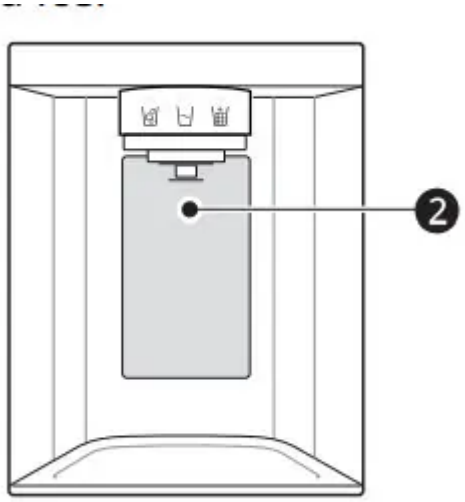
- The dispenser will not operate when either of the refrigerator doors is open.
- If discolored ice is dispensed, check the water filter and water supply. If the problem continues, contact an LG Electronics Customer Information Center. Do not use the water or ice until the problem is corrected.
- Dispense ice into a glass before filling it with water or other beverages. Splashing may occur if ice is dispensed into a glass that already contains liquid.
- Some dripping may occur after dispensing. Hold the cup beneath the dispenser for a few seconds after dispensing to catch all of the drops.
- Keep containers at an appropriate distance from the dispensers. Tall, narrow glasses should be held far enough from the ice outlet to prevent ice from jamming in the ice chute. A container with a very small opening should be held as close to the dispenser as possible to avoid spilling.

Using the Ice and Water Dispenser

1. Press the icon for the desired dispenser mode 1. The LED over the selected icon turns on.



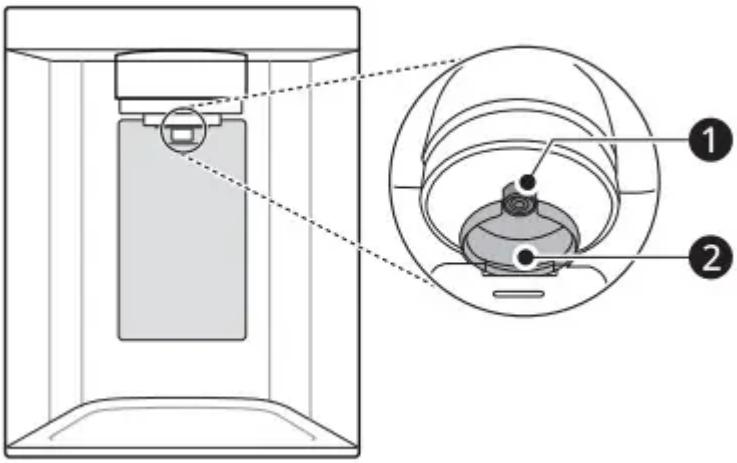
2. Press the dispenser paddle 2 with a glass or other container to dispense cubed ice, water or crushed ice.



Cleaning the Dispenser

Cleaning the Ice and Water Outlet

Wipe the water outlet 1 or ice outlet 2 frequently with a clean cloth as it may get dirty easily

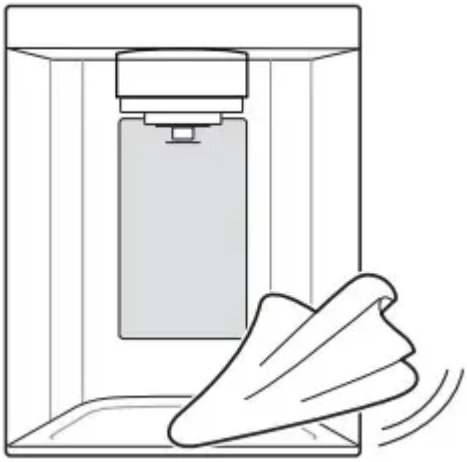


NOTE

- Lint from a cloth may adhere to the outlets.
- The UV clean function runs automatically for 10 minutes every hour to clean the dispenser outlet. Press and hold the Self Care button for 3 seconds to manually activate it.

Cleaning the Dispenser Tray

Wipe the entire area with a damp cloth. The dispenser tray may become wet easily due to spilled ice or water.



Locking the Ice and Water Dispenser

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

In-Door Ice Bin

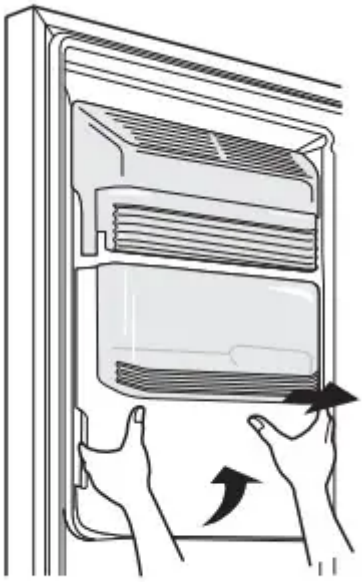
Detaching/Assembling the In-Door Ice Bin

CAUTION

- Only qualified service personnel from an LG Electronics service center should disassemble or repair the icemaker.
- When handling the ice bin, keep hands away from the icemaker tray area to avoid personal injury.
- Avoid touching the auto shutoff (feeler arm) when replacing the ice bin.

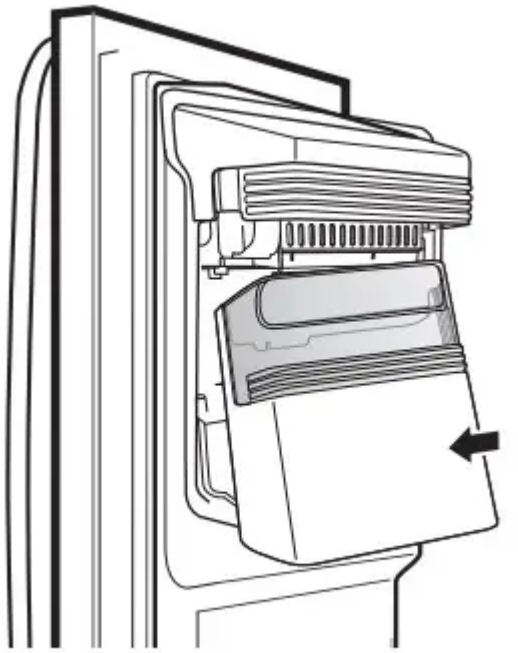
1. To detach, lift the ice storage bin slightly and pull it out as shown in the figure.

◦



◦ **NOTE** Use both hands to remove the ice bin to avoid dropping it.

2. To assemble, carefully insert the in-door ice bin, slanting the top slightly to fit it under the icemaker.

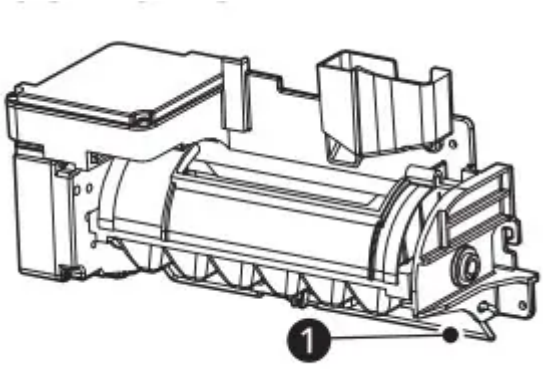


Automatic Icemaker

WARNING

- DO NOT place fingers in the automatic icemaker when the refrigerator is plugged in.
- Avoid contact with any moving parts of the ejector mechanism or with the heater that releases the ice cubes.

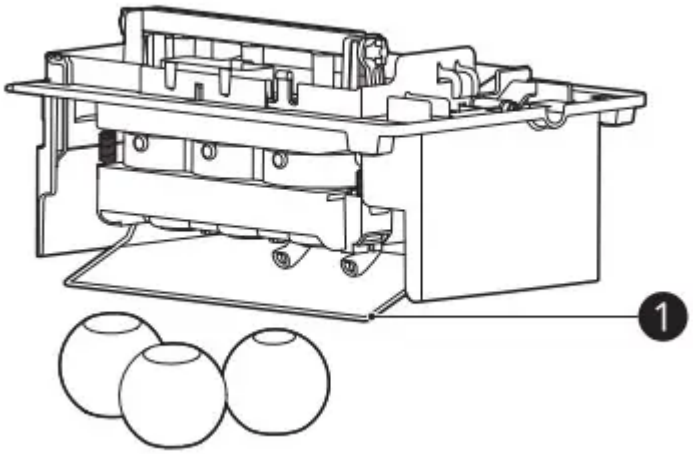
In-Door Icemaker



1. Auto Shutoff (feeler arm)

Freezer Icemaker (Craft IceTM)

This feature is only available on some models.



1. Feeler Arm

CAUTION Do not insert round ice into the in-door ice bin, as it can damage the ice and water dispenser.

NOTE

- The icemaker begins producing ice approximately 48 hours after the appliance is initially installed. The first batches of ice may not be round and clear.
- Following installation or water filter replacement, the first few batches of ice may be semicircular or contain air bubbles.
- If the water pressure is less than 20 psi (138 kPa) or a reverse osmosis system is used, the shape of the ice may vary.
- The ice may look cloudy depending on the water quality in the installation location and the operating conditions.
- Throw away any shards of ice you may find in the ice bin, as they may stick to the ice stored in the ice bin.
- After a short term power outage, it will take longer to make the first batch of ice, and the ice may not be round. If the power will be out for a longer period, throw away the ice stored in the ice bin.
- The Craft Ice icemaker produces 1 batch of round ice (3 pieces) at a time.
- In 3 ICE mode, the Craft Ice icemaker produces 1 batch of round ice (3 pieces) about every 24 hours. In 6 ICE mode, the Craft Ice icemaker produces 2 batches of round ice (6 pieces total) in the same period.
- For more ice, select the 6 ICE mode. For clearer ice, select the 3 ICE mode.
- The time needed to make ice may vary according to operating conditions.
- The ice bin stores 20 - 30 pieces of round ice.

Preparing for Vacation

Turn icemakers off and shut off the water supply to the refrigerator. To turn the icemakers off, refer to Control Panel in the Operation section.

NOTE The ice bin should be emptied any time icemakers are turned Off.

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

Storing Food

NOTE

- If you are leaving home for a short period, like a short vacation, the refrigerator should be left on. Refrigerated foods that are able to be frozen will stay preserved longer if stored in the freezer.
- If you are leaving the refrigerator turned off for an extended period, remove all food and unplug the power cord. Clean the interior, and leave the door open to prevent fungi from growing in the refrigerator.
- If doors are opened or closed too often, warm air may penetrate the refrigerator and raise its temperature. This can increase the running costs of the unit.

Food Storage Tips

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.
- 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.

NOTE

- 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 ondensation to form. Wipe off the condensation with a clean cloth or a paper towel.

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

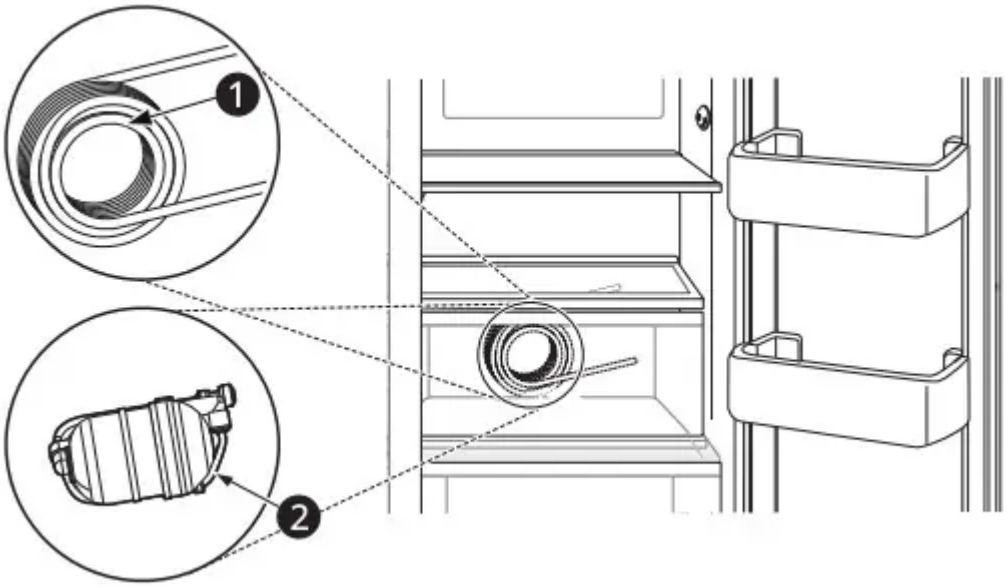
Drawers

Removing/Assembling Drawers

1. To remove drawers, pull them out to full extension, lift the front, and pull straight out.
   - 
   - **NOTE** • When removing or installing the drawer, lift the cover to help remove or insert the drawer.
2. To assemble drawers, slightly tilt up the front, insert into the frame and push back into place.

CAUTION

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



1. Water tank (Type A)
2. Water tank (Type B)

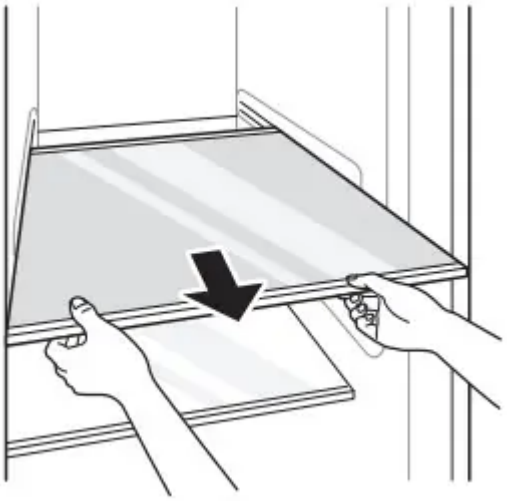
Refrigerator Shelves

The shelves in the refrigerator are adjustable to meet individual storage needs. Adjusting the shelves to fit items of different heights will make finding the exact item you want easier.

Detaching/Assembling Shelves

CAUTION • Do not clean glass shelves with warm water while they are cold. Shelves may break if exposed to sudden temperature changes or impact.

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



3. To assemble, tilt the front of the shelf up and guide the shelf into the slots at a desired height, keeping shelf holder down.
4. Slide the shelf in, then lower the front of the shelf.

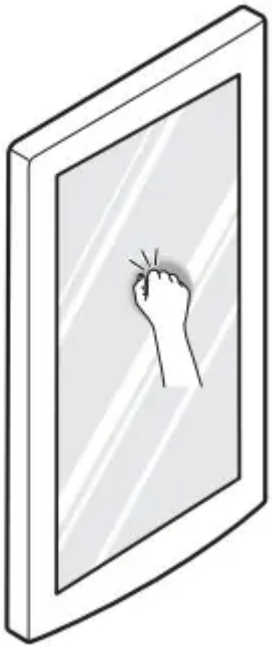
CAUTION Make sure that shelves are level from one side to the other. Failure to do so may result in the shelf falling or spilled food.

InstaView

This feature is only available on some models.

InstaView Door-in-Door

Knock twice on the glass to turn the LED light inside the InstaView on or off. The LED light turns off automatically after 10 seconds.



NOTE

- The LED light does not turn on if either door is open.
- The InstaView function will not activate for two seconds after closing the door.
- The InstaView function is disabled when the ice dispenser is in use.

SMART FUNCTIONS

LG ThinQ Application

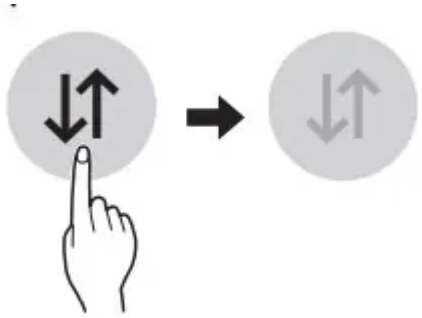
LG ThinQ Application Features

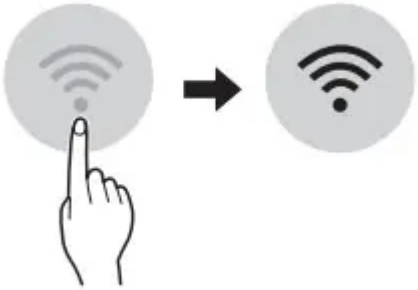
- Smart Learner†
    - Provides a more personalized experience based on an analysis of your usage patterns.
- Smart Sabbath†
    - Activates or deactivates the Sabbath mode and sets the schedule for the mode activation.
- Energy Monitoring†
    - This feature keeps track of the refrigerator’s power consumption and the number of door openings.
- Remote Control†
    - Controls the refrigerator temperature, 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

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

NOTE

- 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 Wi-Fi indicator shows the status of the appliance's network connection. The Wi-Fi indicator 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 Wi-Fi indicator will be turned off.

Wireless LAN Module Specifications

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

Smart Grid Function

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

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

- To use the Smart Grid function, you need to register your application with your electric utility company, provided that your electric utility company supports the function. In other words, the Smart Grid function will not be available if your electric utility company does not support the function or does not have the capability to support the function.

Smart Grid Application Features

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

Using the Smart Grid Function

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

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

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

Smart Diagnosis™ Feature

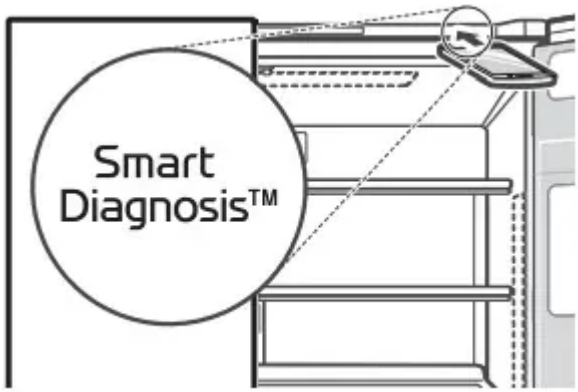
This feature is only available on models with the  or  logo. Use this feature to help you diag

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 Audible Diagnosis to Diagnose Issues

1. Open the right refrigerator door.

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

4. Press and hold the Freezer button for three seconds while continuing to hold your phone to the speaker.
5. After you hear three beeps, release the Freezer button.
6. 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

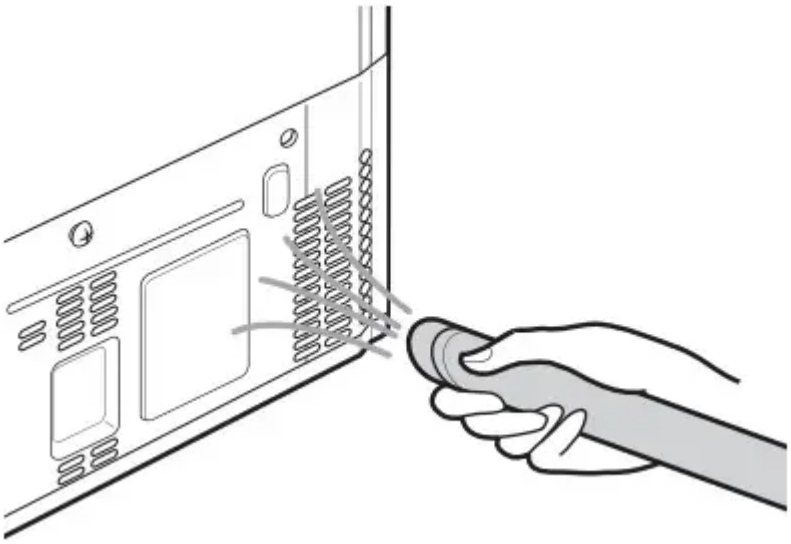
Use a clean sponge or soft cloth and a mild detergent in warm water. Do not use cleaning waxes, concentrated detergents, bleaches, or cleaners containing petroleum on plastic refrigerator parts.

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.

Condenser Coils

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

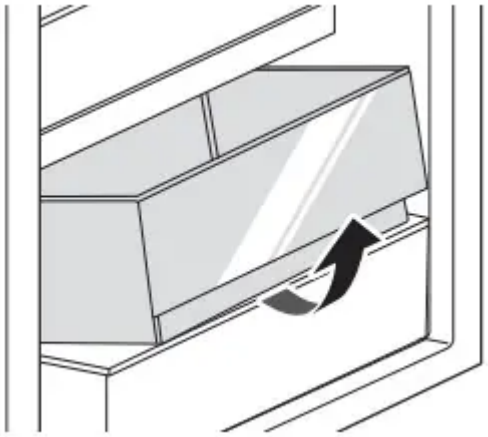


Air Filter

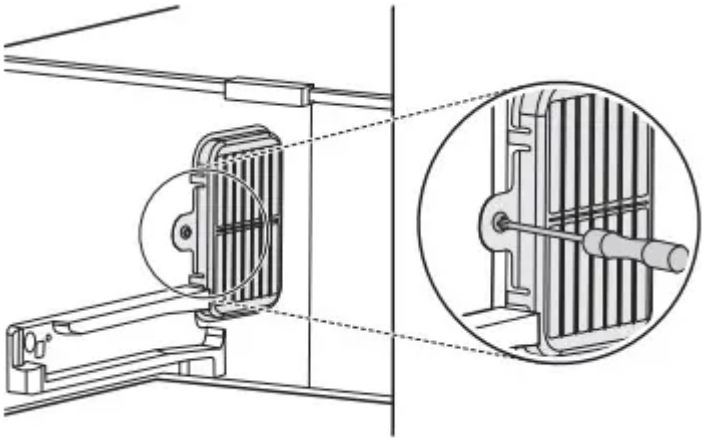
Reusing the Air Filter

You can remove the odors absorbed by the air filter and reuse the filter.

1. To remove the air filter, pull out the upper fridge drawer.

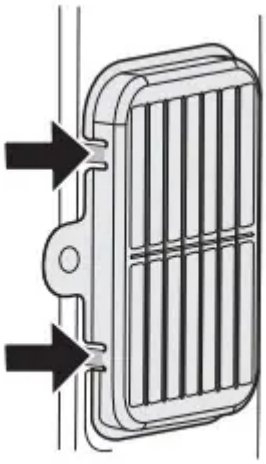


2. Unscrew the screw at the air filter



3. Press on the hooks at the air filter and then take it out.

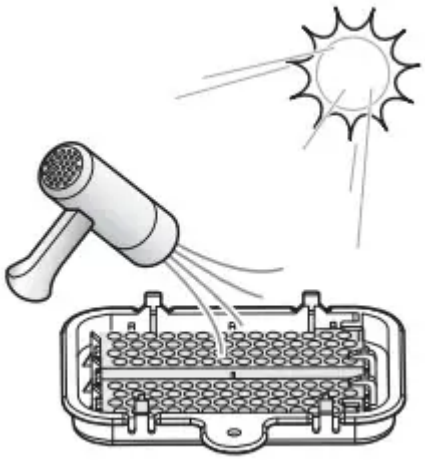
◦



4. Leave the filter in the sun to dry or use a hair dryer.

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

◦



Water Filter

Replacing the Water Filter

• Replace the water filter:

◦ Approximately every six months.

◦ When the Water Filter LED turns on.

◦ When the water dispenser output decreases.

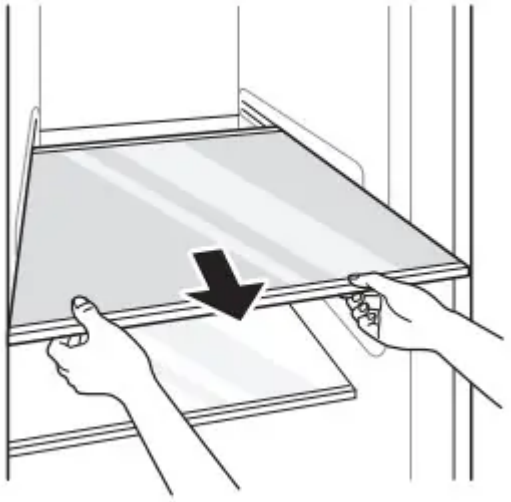
• To purchase a replacement water filter:

◦ Visit your local dealer or distributor

◦ Search using "water filter" on lg.com

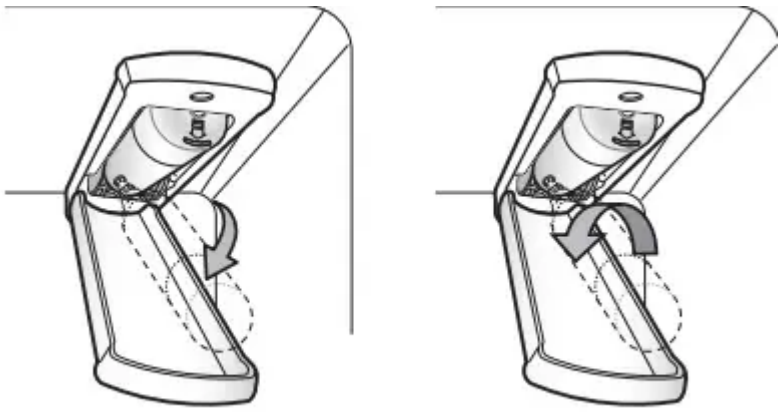
- Use replacement cartridge: LT1000P, LT1000PC, LT1000PCS or ADQ747935**

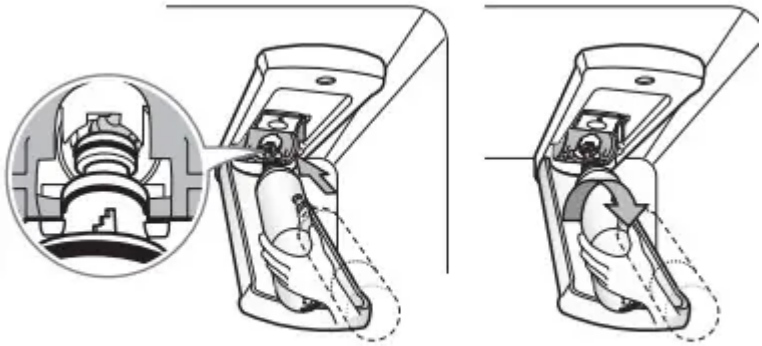
1. If the top shelf, located below the water filter, is in the highest position, it will need to be removed prior to replacing the water filter.
    - To remove any shelf, tilt up the front of the shelf and lift it. Pull the shelf out.
    -

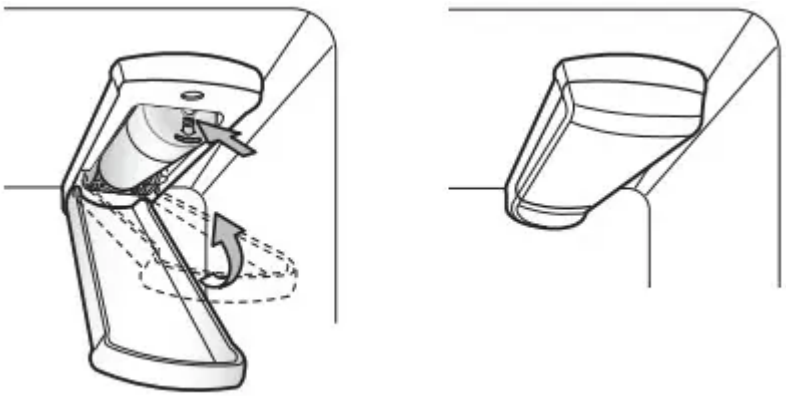


2. Pinch the sides to open the water filter cover.
    -

3. Pull the water filter downward and turn it counterclockwise before pulling it out.
    - Make sure to rotate the filter down completely before pulling it out of the manifold hole.
    - **NOTE**
        - Replacing the water filter causes a small amount of water (around 1 oz. or 25 cc) to drain.
        - Wrap a cloth around the front end of the water filter cover to collect any leaking water. Hold the water filter upright, once it is removed, to prevent any remaining water from spilling out of the water filter.

- 

4. Replace with a new water filter.
    - Take the new water filter out of its packing and remove the protective cover from the orings. With the water filter tabs in the horizontal position, push the new water filter into the manifold hole and turn it clockwise until it stops.
    - 

5. Close the water filter cover. The cover will click when closed correctly
    - 

6. After the water filter is replaced, dispense 2.5 gallons of water (flush for approximately 5 minutes) to remove trapped air and contaminants from the system.
    - **NOTE** Do not dispense the entire 2.5 gallon amount continuously. Press and release the dispenser pad for cycles of 30 seconds ON and 60 seconds OFF.

7. After changing the filter, press and hold the Water Filter button for three seconds to reset the indicator light.
    - **CAUTION** • LG strongly recommends that you use LGauthorized water filters to prevent water quality issues, water leakage and appliance malfunction.

Performance Data Sheet

Model: LT1000P, LT1000PC, LT1000PCS

NSF System Trade Name Code: MDJ64844601

The concentration of the indicated substances in water entering the system was reduced to a concentration less than or equal to the permissible limit for water leaving the system as specified in NSF/ ANSI Standard 42, Standard 53 and Standard 401.

Substance Reduction	Average Influent Challenge	NSF Specified Challenge Concentration	Avg % Reduction	Average Product Water Concentration	Max Permissible Product Water Concentration	NSF Reduction Requirements
Chlorine Taste and Odor	2.0 µg/L	2.0 µg/L± 10%	>97.5%	0.050 µg/L	N/A	≥ 50.00%
Nominal Particulate Class I, , ≥ 0.5 to < 1.0 µm	12,000,000 pts/mL	At least 10,000 particles/mL	99.80%	24,000 pts/ml	N/A	≥ 85.00%
Asbestos	180 MFL	10^7 to 10^8 MFL; fibers greater than 10 µg/Lin length	>99.00%	< 1 MFL	N/A	≥ 99.00%
Atrazine	8.5 µg/L	9.0 µg/L ± 10%	>94.10%	0.500 µg/L	3.0 µg/L	NA
Benzene	15.0 µg/L	15.0 µg/L ± 10%	>96.60%	0.510 µg/L	5.0 µg/L	NA
Carbofuran	74.0 µg/L	80.0 µg/L ± 10%	98.30%	1.258 µg/L	40 µg/L	NA
Lindane	1.9 µg/L	2.0 µg/L ± 10%	>99.00%	0.019 µg/L	0.2 µg/L	NA
P-Dichlorobenzene	230.0 µg/L	225.0 µg/L ± 10%	>99.80%	0.460 µg/L	75.0 µg/L	NA
2,4-D	210.0 µg/L	210.0 µg/L ± 10%	>99.90%	0.210 µg/L	70.0 µg/L	NA
Lead pH @6.5	140.0 µg/L	150.0 µg/L ± 10%	99.60%	0.560 µg/L	10.0 µg/L	NA
Lead pH @8.5	150.0 µg/L	150.0 µg/L ± 10%	>99.70%	<0.500 µg/L	10.0 µg/L	NA
Mercury @ pH6.5	5.9 µg/L	6.0 µg/L ± 10%	91.00%	0.531 µg/L	2.0 µg/L	NA
Mercury @ pH8.5	5.6 µg/L	6.0 µg/L ± 10%	92.5%	0.420 µg/L	2.0 µg/L	NA

Cyst*	100,000 cysts/L	Minimum 50,000 cysts/L	>99.99%	10 cysts/L	N/A	≥ 99.95%
Atenolol	240 ng/L	200 ± 40% ng/L	> 95.50%	10.80 ng/L	30 ng/L	NA
Carbamazepine	1600 ng/L	1400 ± 40% ng/L	98.40%	25.60 ng/L	200 ng/L	NA
DEET	1600 ng/L	1400 ± 40% ng/L	97.10%	46.40 ng/L	200 ng/L	NA
Trimethoprim	170 ng/L	140 ± 40% ng/L	>96.80%	5.44 ng/L	20 ng/L	NA
Linuron	160 ng/L	140 ± 40% ng/L	>96.60%	5.44 ng/L	20 ng/L	NA
Phenytoin	200 ng/L	200 ± 40% ng/L	>94.80%	10.40 ng/L	30 ng/L	NA
Ibuprofen	400 ng/L	400 ± 40% ng/L	>94.50%	22.00 ng/L	60 ng/L	NA
Naproxen	140 ng/L	140 ± 40% ng/L	>96.10%	5.46 ng/L	20 ng/L	NA
Estrone	120 ng/L	140 ± 40% ng/L	>96.10%	4.68 ng/L	20 ng/L	NA
Bisphenol A	2000 ng/L	2000 ± 40% ng/L	>98.90%	22.00 ng/L	300 ng/L	NA
Nonyl Phenol	1600 ng/L	1400 ± 40% ng/L	>97.10%	46.40 ng/L	200 ng/L	NA

* Based on the use of Cryptosporidium parvum oocysts.

Guidelines for Application / Water Supply Parameters	
Service Flow	0.5 gpm (1.9 lpm)
Water Supply	Community or Private Well - Potable Water
Water Pressure	20 – 120 psi (138 – 827 kPa)
Water Temperature	33 °F – 100 °F (0.6 °C – 37.8°C)
Capacity	200 gallons (757 liters)

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

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

TROUBLESHOOTING

Cooling

1. Refrigerator is not cooling or has no power.
    - A fuse in your home may be blown or the circuit breaker tripped. Or the appliance is connected to a GFCI (Ground Fault Circuit Interrupter) outlet, and the outlet's circuit breaker has tripped.
        - Check the main electrical box and replace the fuse or reset the circuit breaker. Do not increase fuse capacity. If the problem is a circuit overload, have it corrected by a qualified electrician.
        - Reset the circuit breaker on the GFCI. If the problem persists, contact an electrician.

- The refrigerator control is set to OFF (some models).
    - Turn the control ON. Refer to the Setting the Controls section for proper temperature settings.
- Refrigerator is set to Demo Mode.
    - Demo Mode allows the lights and control display to work normally while disabling cooling, to save energy while the refrigerator is on the showroom floor. See the FAQs section of this manual for instructions on how to disable Demo Mode.
- Refrigerator is in the defrost cycle.
    - During the defrost cycle, the temperature of each compartment may rise slightly. Wait 30 minutes and confirm the proper temperature has been restored once the defrost cycle has completed.
- Refrigerator was recently installed.
    - It may take up to 24 hours for each compartment to reach the desired temperature.
- Refrigerator was recently relocated.
    - If the refrigerator was stored for a long period of time or moved on its side, it is necessary for the refrigerator to stand upright for 24 hours before connecting it to power.

2. Cooling system runs too much.
    - Refrigerator is replacing an older model.
        - Modern refrigerators require more operating time but use less energy due to more efficient technology.
    - Refrigerator was recently plugged in or power restored.
        - The refrigerator will take up to 24 hours to cool completely.
    - The door is opened often or a large amount of food / hot food was added.
        - Adding food and opening the door warms the refrigerator, requiring the compressor to run longer in order to cool the refrigerator back down. In order to conserve energy, try to get everything you need out of the refrigerator at once, keep food organized so it is easy to find, and close the door as soon as the food is removed. (Refer to the Food Storage Guide.)

- Doors are not closed completely.
    - Firmly push the doors shut. If they will not shut all the way, the "Doors will not close correctly or pop open" section in Troubleshooting.
- Refrigerator is installed in a hot location.
    - The compressor will run longer under warm conditions. At normal room temperatures (70 °F or 21 °C) expect your compressor to run about 40 % to 80 % of the time. Under warmer conditions, expect it to run even more often. The refrigerator should not be operated above 110 °F (43 °C).
- Condenser / back cover is clogged.
    - Use a vacuum cleaner with an attachment to clean the condenser cover and vents. Do not remove the panel covering the condenser coil area.

3. Interior moisture buildup.
    - Doors are opened often or for long periods of time.
        - When the doors are opened often or for long periods of time, warm, humid air enters the compartment. This raises the temperature and moisture level within the compartment. To lessen the effect, reduce the frequency and duration of door openings.
    - Doors are not closed correctly.
        - See the "Doors will not close correctly or pop open" section.
    - Weather is humid.
        - Humid weather allows additional moisture to enter the compartments when the doors are opened leading to condensation or frost. Maintaining a reasonable level of humidity in the home will help to control the amount of moisture that can enter the compartments.
    - Defrost cycle recently completed.
        - During the defrost cycle, the temperature of each compartment may rise slightly and condensation may form on the back wall. Wait 30 minutes and confirm that the proper temperature has been restored once the defrost cycle has completed.
    - Food is not packaged correctly.
        - Food stored uncovered or unwrapped, and damp containers can lead to moisture accumulation within each compartment. Wipe all

containers dry and store food in sealed packaging to prevent condensation and frost.

4. Food is freezing in the refrigerator compartment.
    - Food with high water content was placed near an air vent.
        - Rearrange items with high water content away from air vents.
    - Refrigerator temperature control is set incorrectly.
        - If the temperature is too cold, adjust the control one increment at a time and wait for the temperature to stabilize. Refer to the Control Panel section for more information.
    - Refrigerator is installed in a cold location.
        - When the refrigerator is operated in temperature below 41 °F (5 °C), food can freeze in the refrigerator compartment. The refrigerator should not be operated in temperature below 55 °F (13 °C).
5. Refrigerator or Freezer section is too cold.
    - Incorrect temperature control settings.
        - If the temperature is too cold, adjust the control one increment at a time and wait for the temperature to stabilize. Refer to the Control Panel for more information.
6. Frost or ice crystals form on frozen food (inside of sealed package).
    - Condensation from food with a high water content has frozen inside of the food package.
        - This is normal for food items with a high water content.
    - Food has been left in the freezer for a long period of time.
        - Do not store food items with high water content in the freezer for a long period of time
7. Frost or ice crystals form on frozen food (outside of package).
    - Door is opened frequently or for long periods of time.
        - When the doors are opened often or for long periods of time, warm, humid air enters the compartment. This raises the temperature and moisture level within the compartment. Increased moisture will lead to frost and condensation. To lessen the effect, reduce the frequency and duration of door openings.

- Door is not closing properly.
    - Refer to the "Doors will not close correctly or pop open" section in the Troubleshooting.

8. Refrigerator or Freezer section is too warm.
    - Refrigerator was recently installed.
        - It may take up to 24 hours for each compartment to reach the desired temperature.
    - The air vents are blocked. Cold air circulates from the freezer to the fresh food section and back again through air vents in the wall dividing the two sections.
        - Locate air vents by using your hand to sense airflow and move all packages that block vents and restrict airflow. Rearrange items to allow air to flow throughout the compartment.
    - Doors are opened often or for long periods of time.
        - When the doors are opened often or for long periods of time, warm, humid air enters the compartment. This raises the temperature and moisture level within the compartment. To lessen the effect, reduce the frequency and duration of door openings.
    - Unit is installed in a hot location.
        - The refrigerator should not be operated in temperatures above 110 °F (43 °C).
    - A large amount of food or hot food was added to either compartment.
        - Adding food warms the compartment requiring the cooling system to run. Allowing hot food to cool to room temperature before putting it in the refrigerator will reduce this effect.
    - Doors are not closed correctly.
        - See the "Doors will not close correctly or pop open" section in the Troubleshooting.
    - Temperature control is not set correctly.
        - If the temperature is too warm, adjust the control one increment at a time and wait for the temperature to stabilize.
    - Defrost cycle has recently completed.
        - During the defrost cycle, the temperature of each compartment may rise slightly and condensation may form on the back wall. Wait 30

minutes and confirm the proper temperature has been restored once the defrost cycle has completed.

Craft Ice

1. Icemaker is not making ice.
    - Refrigerator was recently installed or icemaker recently connected.
        - The icemaker begins producing ice approximately 48 hours after the appliance is initially installed. The first batches of ice may not be round and clear.
2. Icemaker is not making enough ice.
    - In 3 ICE mode, the Craft Ice icemaker produces 1 batch of round ice about every 24 hours.
        - For more ice, select the 6 ICE mode which produces 2 batches every 24 hours.

Ice

1. Icemaker is not making enough ice.
    - Demand exceeds ice production capacity.
        - Refer to the Automatic Icemaker section for ice production capacity to check the amount of ice produced in a 24 hour period.
    - House water supply is not connected, valve is not turned on fully, or valve is clogged.
        - Connect the refrigerator to a cold water supply with adequate pressure and turn the water
    - Water filter has been exhausted.
        - Replacing the water filter is recommended:
            - Approximately every six months.
            - When the water filter indicator turns on.
            - When the water dispenser output decreases.
            - When the ice cubes are smaller than normal.
    - Low house water supply pressure.
        - The water pressure must be between 20 and 120 psi (138 and 827 kPa) on models without a water filter and between 40 and 120 psi (276 and 827 kPa) on models with a water filter. If the problem persists, it may be necessary to contact a plumber.

- Reverse osmosis filtration system is used.
    - Reverse osmosis filtration systems can reduce the water pressure below the minimum amount and result in icemaker issues. (Refer to the Connecting the Water Line section.)
- Tubing connecting refrigerator to house supply valve is kinked.
    - The tubing can kink when the refrigerator is moved during installation or cleaning resulting in reduced water flow. Straighten or repair the water supply line and arrange it to prevent future kinks.
- Doors are opened often or for long periods of time.
    - If the doors of the unit are opened often, ambient air will warm the refrigerator which will prevent the unit from maintaining the set temperature. Lowering the refrigerator temperature can help, as well as not opening the doors as frequently.
- Doors are not closed completely.
    - If the doors are not properly closed, ice production will be affected. See the "Doors will not close correctly or pop open" section in Parts & Features Troubleshooting for more information.
- The temperature setting for the freezer is too warm.
    - The recommended temperature for the freezer compartment for normal ice production is 0 °F (-18 °C). If the freezer temperature is warmer, ice production will be affected.

2. Icemaker is not making ice
    - Refrigerator was recently installed or icemaker recently connected.
        - It may take up to 24 hours for each compartment to reach the desired temperature and for the icemaker to begin making ice.
    - Icemaker is not turned on.
        - Locate the icemaker ON/OFF and confirm that it is turned on.
    - The ice detecting sensor is obstructed.
        - Foreign substances or frost on the ice-detecting sensor can interrupt ice production. Make sure that the sensor area is clean at all times for proper operation.

- The refrigerator is not connected to a water supply or the supply shutoff valve is not turned on.
    - Connect the refrigerator to the water supply and turn the water shutoff valve fully open.
- Icemaker shutoff (arm or sensor) obstructed.
    - If your icemaker is equipped with an ice shutoff arm, make sure that the arm moves freely. If your icemaker is equipped with the electronic ice shutoff sensor, make sure that there is a clear path between the two sensors.
- Reverse osmosis water filtration system is connected to your cold water supply.
    - Reverse osmosis filtration systems can reduce the water pressure below the minimum amount and result in icemaker issues. (Refer to the Connecting the Water Line section.)

3. Ice has bad taste or odor.
    - Water supply contains minerals such as sulfur.
        - A water filter may need to be installed to eliminate taste and odor problems. NOTE: In some cases, a filter may not help. It may not be possible to remove all minerals/odor/taste in all water supplies.
    - Icemaker was recently installed.
        - Ice that has been stored for too long will shrink, become cloudy, and may develop a stale taste. Throw away old ice and make a new supply.
    - The food has not been stored properly in either compartment.
        - Rewrap the food. Odors may migrate to the ice if food is not wrapped properly.
    - The interior of the refrigerator needs to be cleaned.
        - See the Maintenance section for more information.
    - The ice storage bin needs to be cleaned.
        - Empty and wash the bin (discard old cubes). Make sure that the bin is completely dry before reinstalling it.

4. Icemaker is making too much ice.
    - Icemaker shutoff (arm/ sensor) is obstructed.
        - Empty the ice bin. If your icemaker is equipped with an ice shutoff arm, make sure that the arm moves freely. If your icemaker is equipped with the electronic ice shutoff sensor, make sure that there is a clear path between the two sensors. Reinstall the ice bin and wait 24 hours to confirm proper operation.
5. Ice is not dispensing.
    - Unable to hear the sound of ice coming out?
        - In the control panel, select the modes for cubed ice and crushed ice alternately to dispense the ice.
    - Doors are not closed completely.
        - Ice will not dispense if any of the refrigerator doors are left open.
    - Infrequent use of the dispenser.
        - Infrequent use of the ice dispenser will cause the cubes to stick together over time, which will prevent them from properly dispensing. Check the ice bin for ice cubes clumping/ sticking together. If they are, break up the ice cubes to allow for proper operation.
    - The delivery chute is clogged with frost or ice fragments.
        - Eliminate the frost or ice fragments by removing the ice bin and clearing the chute with a plastic utensil. Dispensing cubed ice can also help prevent frost or ice fragment buildup.
    - The dispenser display is locked.
        - Press and hold the Lock button for three seconds to unlock the control panel and dispenser.
    - Ice bin is empty.
        - It may take up to 24 hours for each compartment to reach the desired temperature and for the icemaker to begin making ice. Make sure that the shutoff (arm/sensor) is not obstructed. Once the ice supply in the bin has been completely exhausted, it may take up to 90 minutes before additional ice is available, and approximately 24 hours to completely refill the bin.

Water

1. Water is dispensing slowly.
    - Water filter has been exhausted.
        - Replacing the water filter is recommended:
            - Approximately every six months.
            - When the water filter indicator turns on.
            - When the water dispenser output decreases.
            - When the ice cubes are smaller than normal.
    - Reverse osmosis filtration system is used.
        - Reverse osmosis filtration systems can reduce the water pressure below the minimum amount and result in icemaker issues. If the problem persists, it may be necessary to contact a plumber.
    - Low house water supply pressure.
        - The water pressure must be between 20 and 120 psi on models without a water filter and between 40 and 120 psi on models with a water filter. If the problem persists, it may be necessary to contact a plumber.
2. Water is not dispensing.
    - New installation or water line recently connected.
        - Dispense 2.5 gallons of water (flush for approximately 5 minutes) to remove trapped air and contaminants from the system. Do not dispense the entire 2.5 gallon amount continuously. Depress and release the dispenser pad for cycles of 30 seconds ON and 60 seconds OFF.
    - The dispenser panel is locked.
        - Press and hold the Lock button for three seconds to unlock the control panel and dispenser.
    - The dispenser is not set for water dispensing.
        - The dispenser can be set for ice or water. Make certain that the control panel is set for the proper operation. Press the Water button on the control panel to dispense water.
    - Refrigerator or freezer doors are not closed properly.
        - Water will not dispense if any of the refrigerator doors are left open.

- Water filter has been recently removed or replaced.
    - After the water filter is replaced, dispense 2.5 gallons of water (flush for approximately five minutes) to remove trapped air and contaminants from the system. Do not dispense the entire 2.5 gallon amount continuously. Depress and release the dispenser pad for cycles of 30 seconds ON and 60 seconds OFF.
- Tubing connecting refrigerator to house supply valve is kinked.
    - The tubing can kink when the refrigerator is moved during installation or cleaning. Resulting in reduced water flow. Straighten or repair the water supply line and arrange it to prevent future kinks.
- The house water supply is not connected, the valve is not turned on fully, or the valve is clogged.
    - Connect the refrigerator to the water supply and turn the water shutoff valve fully open. If the problem persists, it may be necessary to contact a plumber.

3. Dispensing warm water.
    - Refrigerator was recently installed.
        - Allow 24 hours after installation for the water storage tank to cool completely.
    - The water dispenser has been used recently and the storage tank was exhausted.
        - Depending on your specific model, the water storage capacity will range from approximately 20 to 30 oz.
    - Dispenser has not been used for several hours.
        - If the dispenser has not been used for several hours, the first glass dispensed may be warm. Discard the first 10oz.
    - Refrigerator is connected to the hot water supply.
        - Make sure that the refrigerator is connected to a cold water pipe.
        - **WARNING**: Connecting the refrigerator to a hot water line may damage the icemaker.
4. Water has bad taste or odor.
    - Water supply contains minerals such as sulfur.
        - A water filter may need to be installed to eliminate taste and odor problems.

- Water filter has been exhausted.
    - Replacing the water filter is recommended:
        - Approximately every six months.
        - When the water filter indicator turns on.
        - When the water dispenser output decreases.
        - When the ice cubes are smaller than normal.
- Refrigerator was recently installed.
    - Dispense 2.5 gallons of water (flush for approximately 5 minutes) to remove trapped air and contaminants from the system. Do not dispense the entire 2.5 gallon amount continuously. Depress and release the dispenser pad for cycles of 30 seconds ON and 60 seconds OFF.

Parts & Features

1. Doors will not close correctly or pop open.
    - Food packages are blocking the door open.
        - Rearrange food containers to clear the door and door shelves.
    - Ice bin, crisper cover, pans, shelves, door bins, or baskets are out of position.
        - Push bins all the way in and put crisper cover, pans, shelves and baskets into their correct positions. See the Operation section for more information.
    - The doors were removed during product installation and not properly replaced.
        - Remove and replace the doors according to the Removing and Replacing Refrigerator Handles and Doors section.
    - Refrigerator is not leveled properly.
        - See Door Alignment in the Refrigeration Installation section to level refrigerator.
2. Doors are difficult to open.
    - The gaskets are dirty or sticky.
        - Clean the gaskets and the surfaces that they touch. Rub a thin coat of appliance polish or kitchen wax on the gaskets after cleaning.
    - Door was recently closed.
        - When you open the door, warmer air enters the refrigerator. As the warm air cools, it can create a vacuum. If the door is hard to open,

wait one minute to allow the air pressure to equalize, then see if it opens more easily.

3. Refrigerator wobbles or seems unstable
    - Leveling legs are not adjusted properly.
        - Refer to the Leveling and Door Alignment section.
    - Floor is not level.
        - It may be necessary to add shims under the leveling legs or rollers to complete installation.
4. Lights do not work.
    - LED interior lighting failure.
        - The refrigerator compartment lamp is LED interior lighting, and service should be performed by a qualified technician.
5. Refrigerator has an unusual odor.
    - The Air Filter may need to be set to the MAX setting or replaced.
        - Set the Air Filter to the MAX setting. If the odor does not go away within 24 hours, the filter may need to be replaced. See the Replacing the Air Filter section for replacement instructions.
6. The interior of the refrigerator is covered with dust or soot.
    - The refrigerator is located near a fire source, such as a fireplace, chimney, or candle.
        - Make sure that the refrigerator is not located near a fire source, such as a fireplace, chimney or candle.

Noises

1. Clicking
    - The defrost control will click when the automatic defrost cycle begins and ends. The thermostat control (or refrigerator control on some models) will also click when cycling on and off.
        - Normal Operation
2. Rattling
    - Rattling noises may come from the flow of refrigerant, the water line on the back of the unit, or items stored on top of or around the refrigerator.
        - Normal Operation

- Refrigerator is not resting solidly on the floor.
    - Floor is weak or uneven or leveling legs need to be adjusted. See the Leveling and Door Alignment section.
- Refrigerator with linear compressor was jarred while running.
    - Normal Operation

3. Whooshing
    - Evaporator fan motor is circulating air through the refrigerator and freezer compartments.
        - Normal Operation
    - Air is being forced over the condenser by the condenser fan.
        - Normal Operation
4. Gurgling
    - Refrigerant flowing through the cooling system.
        - Normal Operation
5. Popping
    - Contraction and expansion of the inside walls due to changes in temperature.
        - Normal Operation
6. Sizzling
    - Water dripping on the defrost heater during a defrost cycle.
        - Normal Operation
7. Vibrating
    - If the side or back of the refrigerator is touching a cabinet or wall, some of the normal vibrations may make an audible sound.
        - To eliminate the noise, make sure that the sides and back cannot vibrate against any wall or cabinet.
8. Dripping
    - Water running into the drain pan during the defrost cycle.
        - Normal Operation
9. Pulsating or highpitched 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 highpitched sound.

- Normal Operation

Wi-Fi

1. Trouble connecting appliance and smartphone to Wi- Fi network
   - The password for the Wi-Fi network was entered incorrectly.
     - Delete your home Wi-Fi network and begin the registration process again.
     - If you are connecting to an iPhone, the password to connect to the module in the refrigerator is the last 4 characters of the network name, repeated twice.
   - Mobile data for your smartphone is turned on.
     - Turn off the Mobile data on your smartphone before registering the appliance.
   - The wireless network name (SSID) is set incorrectly.
     - The wireless network name (SSID) should be a combination of English letters and numbers. (Do not use special characters.)
   - The router frequency is not 2.4 GHz.
     - Only a 2.4 GHz router frequency is supported. Set the wireless router to 2.4 GHz and connect the appliance to the wireless router. To check the router frequency, check with your Internet service provider or the router manufacturer.
   - The distance between the appliance and the router is too far.
     - 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.