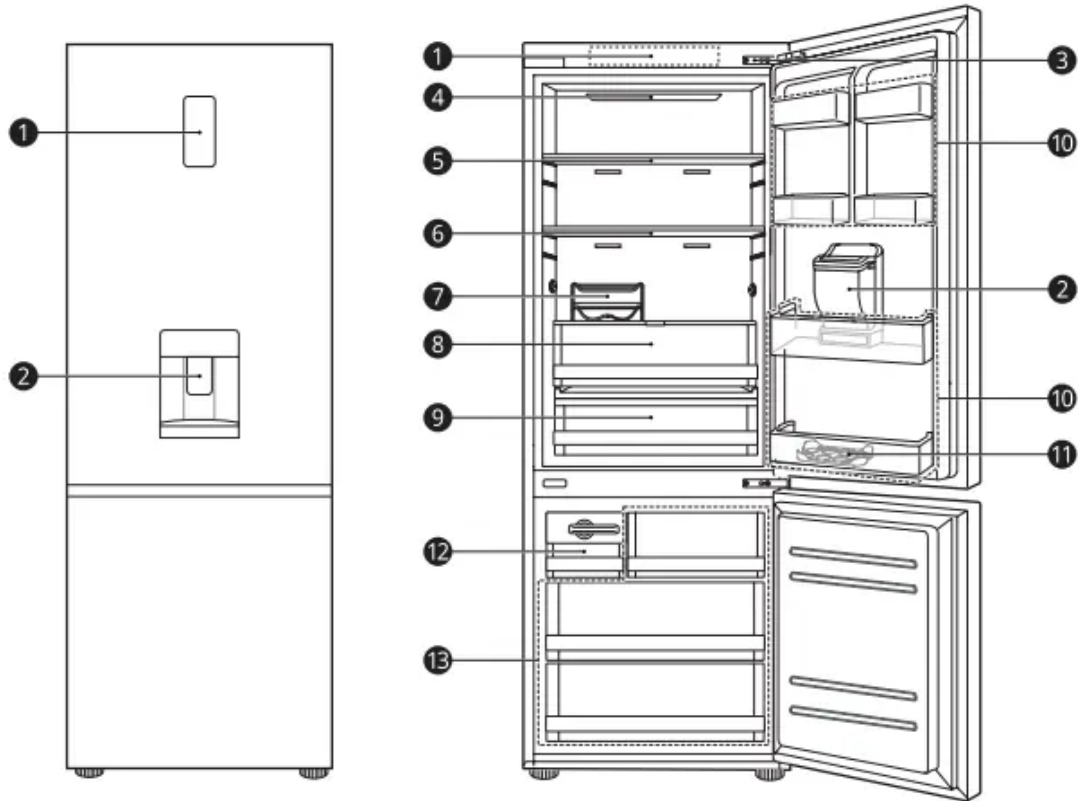


OPERATION

Parts and Functions



1 Control Panel

To set the freezer and fridge temperatures.

2 Water Dispenser Tank (*)

This is where water to supply the dispenser. It requires manual filling. (Non plumbed models only)

3 Smart Diagnosis Unit

Using this function when contacting LG Electronics customer information centre to help make an accurate diagnosis when the appliance operates abnormally or a failure occurs.

4 LED Lamp

The LED lamps inside the appliance light up when you open the door.

5 Fridge Shelf

This is where refrigerated foods and other items are stored.

- The shelf height can be adjusted by inserting the shelf in another groove of different height.
- Store the foods with higher moisture content at the front of the shelf.
- The actual number of shelves will differ from model to model.

6 Folding Shelf (*)

This is where refrigerated foods and high items are stored.

7 Bottle Rack (*)

This is where drinks tall bottles or containers are stored.

CAUTION

- Do not store short bottles or containers. The items may fall and cause an injury or appliance damage.

8 Fresh Vegetable Drawer (*)

This is where fruits and vegetables are stored to help maintain freshness by adjusting the humidity controller.

9 Vegetable Drawer

This is where fruits and vegetables are stored to remain fresh for as long as possible.

- The actual number of drawers will differ from model to model.

10 Fridge Door Basket

This is where small packages of refrigerated foods, drinks and sauce containers are stored.

11 Movable Egg Tray

This is where eggs are stored.

- You can move it to and use it at a desired position as needed. However, do not use it as the ice bin or place it on the shelf on top of the fridge or the vegetables drawer.

12 Icemaker

This is where ice is manually produced and stored.

13 Freezer Drawer

This is for long-term storage of frozen items.

NOTE

- The appearance or components of the appliance may differ from model to model.
- (*) : This feature varies depending on the model purchased.

Notes for Operation

- Users should keep in mind that frost can form. If the door is not closed completely, if the humidity is high during the summer, or if the freezer door is opened frequently.
- Ensure there is sufficient space between food stored on the shelf or door basket to allow the door to close completely.
- Opening the door lets warm air enter the appliance, and may cause the internal temperature to rise.
- If you are leaving the appliance turned off for an extended period of time, remove all food and unplug the power cord. Clean the interior, and leave the doors slightly ajar to prevent mold from growing in the appliance.

Suggestion for Energy Saving

- Ensure there is sufficient space between stored foods. This allows cold air to be circulated evenly and lowers electricity bills.
- Store hot food only after it has cooled in order to prevent dew or frost.
- When storing food in the freezer compartment, set the freezer temperature lower than the temperature indicated on the food.
- Do not put food near the temperature sensor of the fridge compartment. Keep a distance of at least 3 cm from the sensor.
- Note that a temperature rise after defrosting has a permissible range in the appliance specifications. If you wish to minimise the impact this may have on the food storage due to a temperature rise, seal or wrap the stored food in several layers.
- The automatic defrosting system in the appliance ensures that the compartment remains free of ice buildup under normal operating conditions.

Storing Foods Effectively

- Store frozen food or refrigerated food inside sealed containers.
- Check the expiration date and label (storage instructions) before storing food in the appliance.
- Do not store food for a long period of time more than four weeks) if it spoils easily at a low temperature.
- Place the refrigerated food or frozen food in each fridge or freezer compartment immediately after purchasing.

- Avoid refreezing any food which has been completely thawed. Freezing any food which has been completely thawed again will lower its taste and nutrition.
- Do not wrap and store vegetables with newspaper. Printing material of newspaper or other foreign substances may smear and contaminate food.
- Do not overfill the appliance. Cold air can not circulate properly if the appliance is overfilled.
- If you set an excessively low temperature for food, it may become frozen. Do not set a temperature lower than the required temperature for the food to be stored correctly.
- For more space, you can remove bottle rack, egg tray, ice tray and fresh converter drawer.

Max Freezing Capacity

- The Express Freeze function will set the freezer to its maximum freezing capacity. This generally takes up to 24 hours and automatically switches off.
- If the maximum freezing capacity is to be used, Express Freeze must be switched on for seven hours before fresh produce is placed in the freezer compartment.

Maximum Storage

- To get better air circulation, insert all drawers.
- If large quantities of food are to be stored, all the freezer drawers shall be taken out of the appliance except the bottom one and the food shall be stacked directly on the freezer shelves in the freezer compartment.

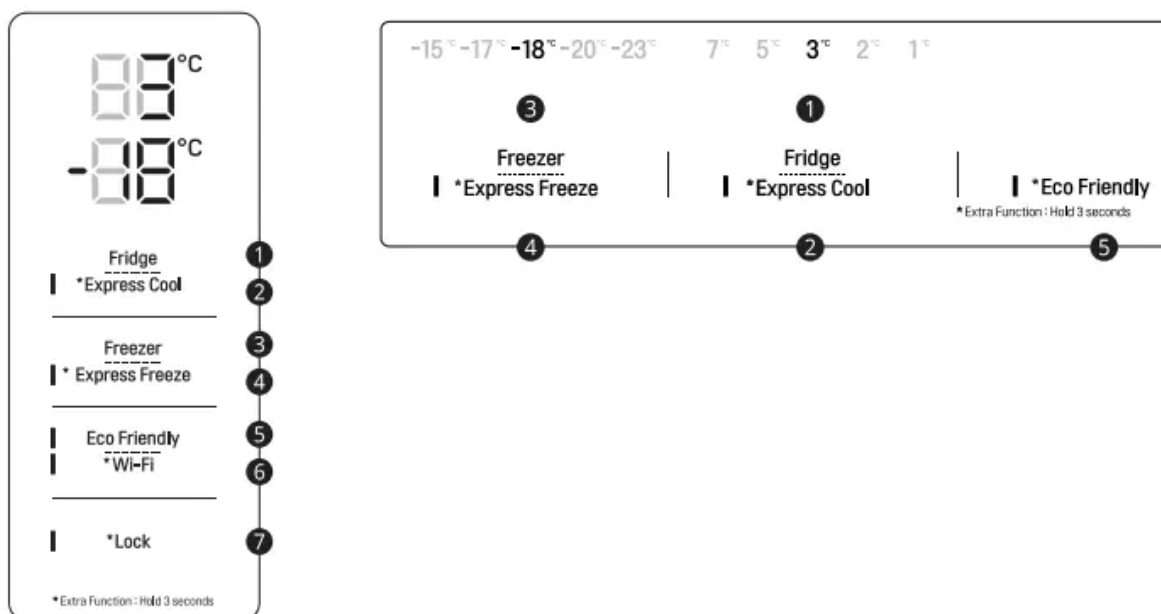
NOTE

- To remove the drawers, first pick the food out of drawers. Then use the handle of drawers, pull out the drawers carefully. It may cause injury.
- The shape of each drawer may be different, insert in the right position.

Control Panel

Units and Functions

<Type 1>On the Fridge Door. <Type2> Inside the Fridge



1 Frige Temperature

- This sets the frige target temperature.

2 Express Cool

- This sets Express Cool functions.

3 Freezer Temperature

- This sets the freezer target temperature.

4 Express Freeze

- This sets Express Freeze functions.

5 Eco Friendly

- This controls the Power Save mode for lowering energy consumption.

6 Wi-Fi

- This sets the appliance to connect to your home's Wi-Fi network.

7 Lock

- This locks the buttons on the control panel.

NOTE

- The actual control panel may differ from model to model.
- The control panel will turn off automatically for energy saving.

- If there is any finger or skin contact to the control panel while cleaning it, the button function may operate.

Notes for Using the Control Panel

- The control panel will turn on in any of the following cases.
 - When the power is turned on
 - When a button is pressed
 - When the appliance door (fridge compartment) is opened
- The control panel will turn off automatically for energy saving in any of the following cases.
 - When one minute has passed after turning on the power
 - When no button operation is carried out for 20 seconds after a desired button is pressed
 - When 20 seconds has passed after the appliance door (fridge compartment, freezer compartment) is opened and closed
- If there is any finger or skin contact to the control panel while cleaning it, the button function may operate.

Setting the Temperature

This sets the fridge temperature or freezer temperature.

- Press the Fridge button or Freezer button to adjust the temperature.
- The temperature can be adjusted.
 - Fridge : from 1 °C to 7 °C
 - Freezer : from -15 °C to -23 °C
- The initial temperature is set.
 - Fridge : 3 °C
 - Freezer : -18 °C
- The actual inner temperature varies depending on the food status, as the indicated setting temperature is a target temperature, not actual temperature within the appliance.

NOTE

- The default temperature setting may vary depending on the appliance.
- Wait until two or three hours have passed after connecting the appliance to the outlet before storing food in the appliance.

Setting Express Cool

The function can quickly cool a large amount of foods.

- When you press the Express Cool button for 3 seconds, the Express Cool icon lights on the control panel.
- The function is enabled and disabled in turn each time you press the button.
- The Express Cool function automatically terminates after a specific period (around 7 hours) has passed.

Setting Express Freeze

The function can quickly freeze a large amount of ice or frozen foods.

- When you press the Express Freeze button for seconds, the Express Freeze icon lights on the control panel.
- The function is enabled and disabled in turn each time you press the button.
- The Express Freeze function automatically terminates after a specific period (around 24 hours) has passed.

Setting Eco Friendly

The function makes the fridge-freezer work in the power saving mode which is useful when you are away on a holiday as it reduces energy consumption.

- Pressing the Eco Friendly button starts the operation with the lamp on, and pressing it again stops the operation.
- When the Eco Friendly mode is on, the other buttons will not operate. When you finish using the Eco Friendly mode, turn it off so that other buttons work and the refrigerator returns to its previous temperature setting.

Setting and Resetting Lock

This locks the buttons on the control panel.

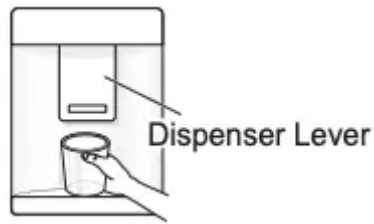
- Press and hold the Lock button for 3 seconds. When the Lock function is set, all buttons are locked.

NOTE

- You must deactivate Lock function before you can access any other functions.

Water Dispenser (*)

Press the lever of the water dispenser to get cold water.



CAUTION

- Keep children away from the dispenser to prevent children playing with or damaging the controls.

NOTE

- If the cup rim is small, water may splash out of the glass or miss it completely.
- Use a cup with a rim of over 68 mm in diameter when dispensing water.
- (*) : This feature varies depending on the model purchased.

Water Dispenser tank (*)

1. Open the cap (small cover) on the top of the water tank.



2. Fill the water tank with potable water and close the cap (small cover).

- The water tank can hold up to 2.3 L.



CAUTION

- Children should not be allowed near the dispenser tank. If the child drops the water dispenser tank while it is completely filled with water , injury may occur. Do not fill the water tank with drinks other than water or fill with hot water.

- Do not apply excessive force or impact when removing or assembling the water dispenser tank. Doing so can cause appliance damage or injury.

NOTE

- Before using the water dispenser tank after installing the appliance, it should be washed before filling it with water.
- Check if the water dispenser tank has been placed on the appliance correctly. If it is not assembled correctly, water may leak from the tank into the appliance.
- If there is no water in the water dispenser tank, the water function of the dispenser cannot be used. Check if there is water in the water dispenser tank and then fill it with water if there is not.
- Sound from the water tank will be normal when supplying water to the dispenser. It is not a sign of malfunction.
- (*) : This feature varies depending on the model purchased.

Icemaker

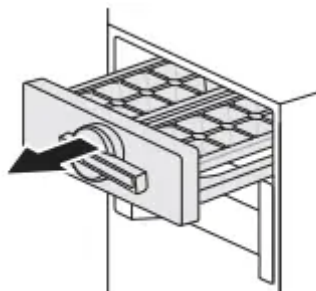
This is where ice is manually produced and stored.

NOTE

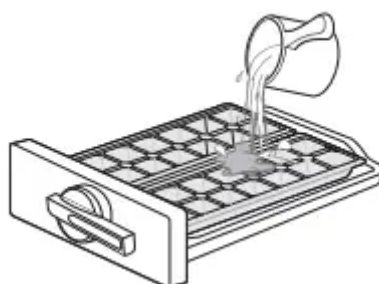
- You can remove the ice tray or ice storage bin if you do not use it to create more space inside the freezer.

Making Ice

1. Hold the handle of the ice tray and pull it out.



2. Fill the ice tray with water up to the water level.



3. Place the ice tray back to its position carefully not to spill water on the floor.

WARNING

- Fill with potable water only.

CAUTION

- Check whether there is any ice remaining in the ice tray before putting water into it.
- Do not close the freezer door roughly after filling the ice tray with water.

NOTE

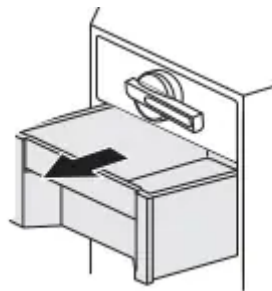
- If the ice tray is overfilled, the ice may stick together and be difficult to remove.
- Press the Express Freeze button on the control panel to make ice quickly

Taking Out Ice

1. Rotate the ice separation handle on the icemaker clockwise.



2. Lift the ice storage bin slightly and remove.



CAUTION

- If you open and close the freezer door frequently, it may take longer for water to freeze.
- The time it takes for water to freeze may vary according to the season.
- The temperature inside the appliance can take up to 24 hours to stabilize after initial installation. Water may take longer to freeze because of this.
- Be careful when handling the ice as the edges of the ice may be sharp.

NOTE

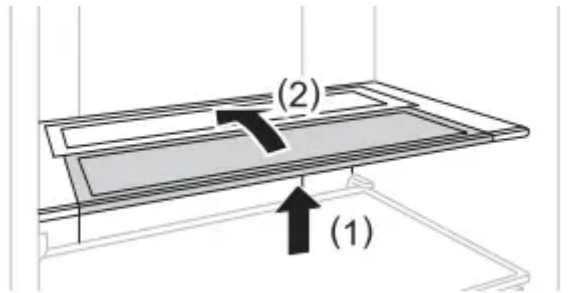
- Do not store ice that has not frozen completely. Unfrozen water could cause the ice to clump together.

- When getting ice, remove the ice storage bin gently so that the slide stopper doesn't break.
- Fill the ice tray up to the water line. If water goes over the water line, it could spill into the ice storage bin, making it difficult to remove the ice.

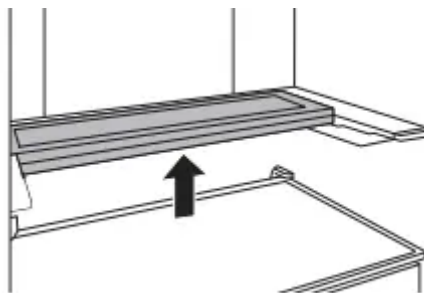
Folding Shelf (*)

Store taller items such as bottles and food by folding the front half of the shelf.

1. Lift the front side of the shelf and shift it on its back side



2. Lift the front side of the shelf and shift it under its back side. From this position, both sides of the shelf can be lifted up to free more space.



NOTE

- (*) : This feature varies depending on the model purchased.

Other Functions

Door Open Alarm

The alarm sounds 3 times in 30 second intervals if the door (fridge compartment is left open or not completely closed for one minute.

- Contact the LG Electronics customer information centre if the alarm sound continues even after closing the door.



Failure Detection

The appliance can automatically detect problems during the operation.

- If a problem is detected, the appliance may not operate and an error code is displayed even when any button is pressed.
- When this occurs, do not turn off the power and immediately contact the LG Electronics customer information centre. If you turn off the power, the repair technician from the LG Electronics customer information centre may have difficulty finding the problem.

SMART FUNCTIONS

Using Smart Diagnosis™

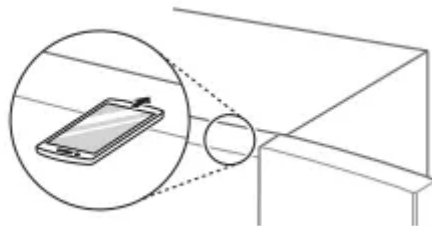
For appliances with the  or  logo

Smart Diagnosis™ Through the Customer Information Centre

Use this function if you need an accurate diagnosis by an LG Electronics customer information centre when the appliance malfunctions or fails. Use this function only to contact the service representative, not during normal operation.

Display panel is on the Fridge door.

1. Press the Lock button to activate the lock function.
 - If the display has been locked for over 5 minutes, you must deactivate the lock and then reactivate it.
2. Press and hold the Freezer button for three seconds or longer while continuing to hold your phone to the speaker.
3. Open the fridge door and then hold the phone on the upper right speaker hole.

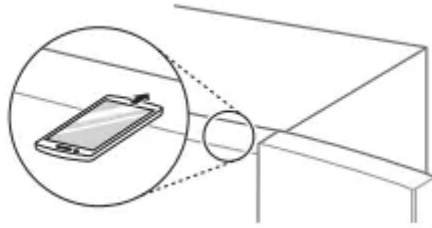


4. After the data transfer is complete, the service agent will explain the result of the Smart Diagnosis™.

Display panel is inside the Fridge door

1. Open the fridge door.
2. Press and hold the Freezer button for three seconds or longer.

3. Hold the phone on the upper right speaker hole.



4. After the data transfer is complete, the service agent will explain the result of the Smart Diagnosis™.

NOTE

- Position the phone so that its microphone is aligned with the speaker hole.
- The Smart Diagnosis™ sound is generated after around three seconds.
- Do not take the phone off the speaker hole while the data is transmitted.
- Hold the phone to the upper right speaker hole and wait while the data is transmitted.
- The data transfer sound may be harsh to the ear while the Smart Diagnosis™ data is being transmitted, but do not take the phone off the speaker hole for accurate diagnosis until the data transfer sound has stopped.
- When the data transfer is complete, the transfer completion message is displayed and the control panel is automatically turned off and then on again after a few seconds. Afterwards the customer information centre explains the diagnosis result.
- The Smart Diagnosis™ function depends on the local call quality.
- The communication performance will improve and you can transmit a better signal if you use a land line home phone.
- If the Smart Diagnosis™ data transfer is poor due to poor call quality, you may not receive the best Smart Diagnosis™ service.

MAINTENANCE

Notes for Cleaning

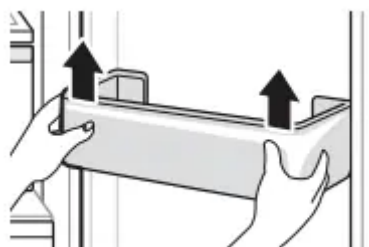
- When removing a shelf or drawer from inside the appliance, remove all stored foods from the shelf or drawer to prevent injury or damage to the appliance.
 - Otherwise, injury may occur due to the weight of stored foods.
- If cleaning the outside air vents of the appliance by means of vacuuming, then the power cord should be unplugged from the outlet to avoid any static discharge that can damage the electronics or cause an electric shock.

- Detach the shelves and drawers and clean them with water, and then dry them sufficiently, before replacing them.
- Regularly wipe the door gaskets with a wet soft towel.
- Door basket spills and stains should be cleaned as they can compromise storage ability of the basket and could even be damaged.
- After cleaning, check if the power cable is damaged, warm or improperly plugged.
- Keep the air vents on the exterior of the appliance clean.
 - Blocked air vents can cause fire or appliance damage.
- Waxing external painted metal surfaces helps provide rust protection. Do not wax plastic parts. Wax painted metal surfaces at least twice a year using appliance wax (or auto paste wax). Apply wax with a clean, soft cloth.
- When cleaning the inside or outside of the appliance, do not wipe it with a rough brush, toothpaste, or flammable materials. Do not use cleaning agents containing flammable substances.
 - This may cause discoloration or damage to the appliance.
 - Flammable substances: alcohol (ethanol, methanol, isopropyl alcohol, isobutyl alcohol, etc.), thinner, bleach, benzene, flammable liquid, abrasive, etc.
- For the appliance exterior, use a clean sponge or soft cloth and a mild detergent in warm water. Do not use abrasive or harsh cleaners. Dry thoroughly with a soft cloth.
- Never clean the shelves or containers in the dishwasher.
 - The parts may become deformed due to the heat.

Cleaning the Door Basket

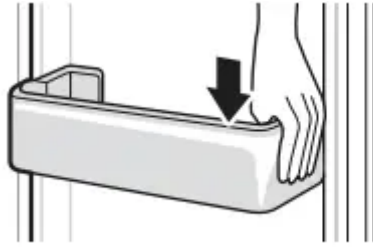
Removing the Fridge/Freezer Door Basket

Hold both edges of the basket and remove it by lifting it upward.

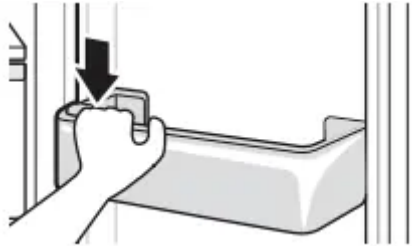


Refitting the Fridge/Freezer Door Basket

1. Hold both edges of the door basket, gently push one edge to assemble, and then in the same manner assemble the other edge.



2. After assembling, tap the door basket gently to fix it horizontally.



Cleaning the Shelf

Removing the Fridge/Freezer Shelf

Remove the shelf by pulling it out while slightly lifting the rear edge of the fridge shelf.

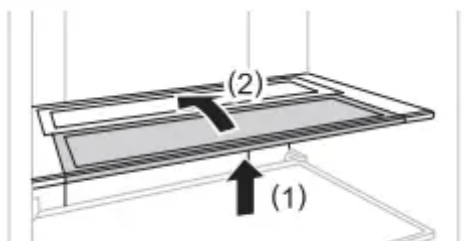


Refitting the Fridge/Freezer Shelf

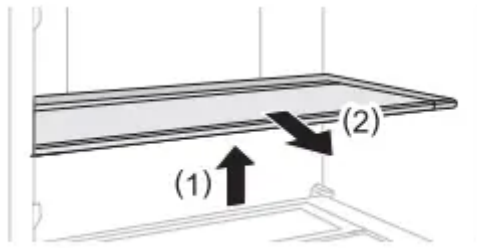
Mount them in the reverse order of the removal process.

Removing the Folding Shelf

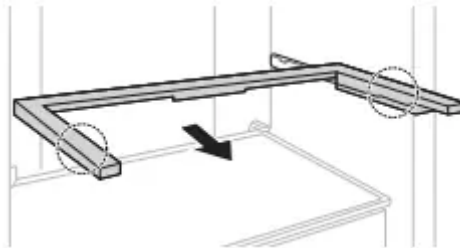
1. Slightly Lift up the front of the sliding shelf and slide it inward.



2. Lift the rear half shelf up to remove it.



3. Hold the center of the frame shelf. Slightly lift up the frame shelf and pull it out.



Refitting the Folding Shelf

Mount them in the reverse order of the removal process.

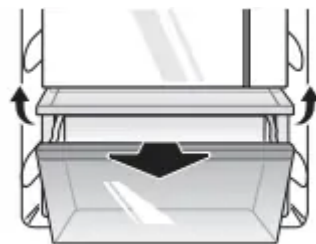
CAUTION

- Glass shelves are heavy. Use special care when removing them.
- 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.

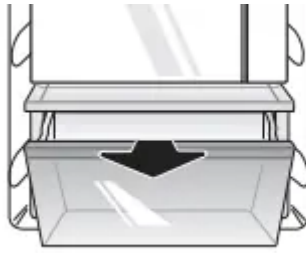
Cleaning the Vegetable Drawer

Removing the Vegetable Drawer

1. Remove the contents of the drawer. Hold the handle of the vegetable drawer and pull it out completely until it outward gently until it stops.

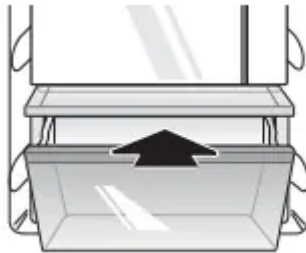


2. Lift the vegetable drawer up and remove it by pulling it out.



Refitting the Vegetable Drawer

Insert the bottom of the vegetable drawer into its original position and gently push it back in while lowering it.



CAUTION

- Please note that injuries can be caused by the weight of stored foods when removing the vegetable drawer.

Cleaning the Water Dispenser

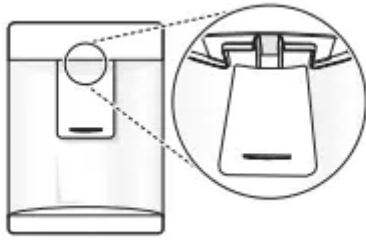
Cleaning the Dispenser Tray



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

Cleaning the Water Outlet

Wipe the water outlet frequently with a clean cloth as it may get dirty easily. Please note that lint from a cloth may adhere to the outlet.



Troubleshooting



Symptoms	Reason	Solution
There is no refrigeration or freezing.	Is there a power interruption?	Check the power of other appliances.
	If the power plug unplugged from the outlet?	Plug the power plug in the outlet properly.
There is poor refrigeration or freezing.	Is the fridge or freezer temperature set to its warmest setting?	Set the fridge or freezer temperature to 'Medium'.
	Is the appliance in direct sunlight, or is it near a heat generating object such as cooking oven or heater?	Check the installation area and reinstall it away from heat generating objects.
	Did you store hot food without cooling it first?	Cool the hot food first before putting it in the fridge or freezer compartment.
	Did you put in too much food?	Maintain an appropriate space between food.
	Are the appliance doors completely closed?	Completely close the door and make sure that stored food is not obstructing in the door.
	Is there enough space around the appliance?	Adjust the installation position to make enough space around the appliance.
The appliance contains a bad smell.	Is the fridge or freezer temperature set to 'Warm'?	Set the fridge or freezer temperature to 'Medium'.
	Did you put in food with a strong smell?	Store foods with strong smells in a sealed containers.
	Vegetables or fruit may have spoiled in the drawer?	Throw away rotten vegetables and clean the vegetable drawer. Do not store vegetables too long in the vegetable drawer.
The inside lamp in the appliance does not turn on.	Does the inside lamp in the appliance turn off?	It is not possible for customers to replace the inside lamp in the appliance as they are not serviceable. If the inside lamp does

		not turn on, please contact the LG Electronics customer information centre.
The appliance door is not closed tightly	Is the appliance leaning forward?	Adjust the front feet to raise the front side slightly
	Were the shelves properly assembled?	Refit the shelves if needed.
	Did you close the door with excessive force?	If you apply too much force or speed when closing the door, it may remain briefly open before closing. Make sure that you do not slam the door closed. Close without force.
It is difficult to open the appliance door.	Did you open the door right after you closed it?	If you try to open the appliance door within one minute after you closed it, you may have difficulties because of the pressure inside the appliance. Try to open the appliance door again in a few minutes so that the internal pressure stabilizes.
There is condensation inside the appliance or on the bottom of the vegetable drawer cover.	Did you store hot food without cooling it first?	Cool the hot food first before putting it in the fridge or freezer compartment.
	Did you leave the appliance door open?	Although the condensation will disappear soon after you close the appliance door, you can wipe it with a dry cloth.
	Do you open and close the appliance door too frequently?	Condensation can form due to the temperature difference from the outside. Wipe out the dampness with a dry cloth.
	Did you put warm or moist food inside without sealing it in a container?	Store food in a covered or sealed container.
Frost has formed in the freezer compartment.	Doors may not be closed properly?	Check if the food item inside the appliance is blocking the door and

		make sure that the door is tightly closed.
	Did you store hot food without cooling it first?	Cool the hot food first before putting it in the fridge or freezer compartment.
Frost has formed in the freezer compartment.	Is the air entry or exit of the freezer compartment blocked?	Make sure that air entry or exit is not blocked so that the air can circulate inside.
	Is the freezer compartment overfilled?	Maintain an appropriate space between items
Frost or condensation has formed inside or outside the appliance.	Did you open and close the appliance door frequently or is the appliance door improperly closed?	Frost or condensation can form if the outside air penetrates inside the appliance.
	Is the installation environment humid?	Condensation can appear on the exterior of the appliance if the installation area is too humid or on a humid day such as a rainy day. Wipe off any moisture with a dry cloth.
The appliance is noisy and generates abnormal sounds.	Is the appliance installed on a weak floor or improperly leveled?	Install the appliance on a solid and flat area.
	Does the rear of the appliance touch the wall?	Adjust the installation position to allow enough clearance around the appliance.
	Are objects scattered behind the appliance?	Remove the scattered objects from behind the appliance.
	Is there an object on top of the appliance?	Remove the object on top of the appliance
The side or front of the appliance is warm.	There are anti condensation pipes fitted to these areas of the appliance to reduce condensation forming from around the door area	The heat releasing pipe to prevent condensation is installed on the front and side of the appliance. You may feel it particularly hot right after the appliance is installed or during the summer. You can be assured that this is not a problem and is quite normal.

There is water inside or outside of the appliance.	Is there water leakage around the appliance?	Check if the water has leaked from a sink or another place.
	Is there water on the bottom of the appliance?	Check if the water is from the thawed frozen food or a broken or dropped container.
Water does not come out.	The water dispenser tank may be empty? (Non plumbed models only)	Fill the water dispenser tank.
Clicking noises	The defrost control will click when the automatic defrost cycle begins and ends. The thermostat control (or appliance control on some models) will also click when cycling on and off.	Normal Operation
Rattling noises	Rattling noises may come from the flow of appliance, the water line on the back of the unit (for plumbed models only), or items stored on top of or around the appliance	Normal Operation
	Appliance is not resting evenly on the floor.	Floor is weak or uneven or leveling legs need to be adjusted. See the Door Alignment section.
	Appliance with linear compressor was moved while operating.	Normal operation. If the compressor does not stop rattling after three minutes, turn the power to the appliance off and then on again.
Whooshing noises	Evaporator fan motor is circulating air through the fridge and freezer compartments.	Normal Operation
	Air is being forced over the condenser by the condenser fan.	Normal Operation

Gurgling noises	Appliance flowing through the cooling system	Normal Operation
Popping noises	Contraction and expansion of the inside walls due to changes in temperature.	Normal Operation
Vibrating	If the side or back of the appliance 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 do not make any contact with any wall or cabinet.

Warning

This content is compiled from multiple sources and is provided for reference purposes only. It may not be complete or fully applicable to all situations. If you are unable to resolve your issue, please contact the product manufacturer or an authorized service provider for official support.

