Scan the QR code to see the manual.

OWNER'S MANUAL

WATER PURIFIER

Before beginning installation, read these instructions carefully. This will simplify installation and ensure that the product is installed correctly and safely. Leave these instructions near the product after installation for future reference.

ENGLISH

MFL72092306
Rev.05_011326

www.lg.com

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This manual may contain images or content that may be different from the model you purchased.

This manual is subject to revision by the manufacturer.

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SAFETY INSTRUCTIONS

READ ALL INSTRUCTIONS BEFORE USE

The following safety guidelines are intended to prevent unforeseen risks or damage from unsafe or incorrect operation of the appliance. The guidelines are separated into 'WARNING' and 'CAUTION' as described below.

Safety Messages

This symbol is displayed to indicate matters and operations that can cause risk. Read the part with this symbol carefully and follow the instructions in order to avoid risk.

WARNING

This indicates that the failure to follow the instructions can cause serious injury or death.

CAUTION

This indicates that the failure to follow the instructions can cause the minor injury or damage to the product.

WARNING

⚠ WARNING

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

Technical Safety

- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person

responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.

- This appliance is intended to be used in household and similar applications only. It should not be used for commercial, or catering purposes, or in any mobile application such as a caravan or boat.
- If the power cord is damaged or the hole of the outlet socket is loose, do not use the power cord and contact an authorized service centre.
- Do not locate multiple portable outlet sockets or portable power supplies at the rear of the appliance.
- Securely plug the power plug in the outlet socket after completely removing any moisture and dust.
- Never unplug the appliance by pulling on the power cable. Always grip the power plug firmly and pull straight out from the outlet socket.
- Keep ventilation openings, in the appliance enclosure or in the built-in structure, clear of obstruction.
- Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.
- Do not tilt the appliance to pull or push it when transporting.
- When positioning the appliance, ensure the supply cord is not trapped or damaged.
- Do not spray water or inflammable substances (toothpaste, alcohol, thinner, benzene, flammable liquid, abrasive, etc.) over the interior or exterior of the appliance to clean it.
- Do not clean the appliance with brushes, cloths or sponges with rough surfaces or which are made of metallic material.
- Only qualified service personnel from LG Electronics service centre should disassemble, repair, or modify the appliance. Contact an LG Electronics customer information centre if you move and install the appliance in a different location.
- New hose-sets supplied with the appliance are to be used and that old hose-sets should not be reused.

- Connect the water pipe of the appliance to potable water only. (To ensure the cleanliness of the water and the life of the product, it is prohibited to use tap water, drinking water, groundwater, etc.)
- Disconnect the power cord before cleaning the appliance.
- When the sterilization function is activated, hot water comes out of the drain hose, so pay special attention to burns.
- When sterilizing the water outlet, hot water will be dispensed through the water outlet, so be careful not to touch the water outlet with your hands.
- Children should be supervised when children use the appliance, otherwise the children may get burned by touching drain hose or water outlet when hot water comes out.

Installation

- This appliance should only be transported by two or more people holding the appliance securely (applies only to stand water purifiers).
- Install the appliance on a firm and level floor.
- Do not install the appliance in a damp and dusty place. Do not install or store the appliance in any outdoor area, or any area that is subject to weathering conditions such as direct sunlight, wind, rain, or temperatures below freezing.
- Do not place the appliance in direct sunlight or expose it to the heat from heating appliances such as stoves or heaters.
- Be careful not to expose the rear of the appliance when installing.
- Install the appliance in a place where is easy to unplug the power plug of the appliance.
- Never start up an appliance showing any signs of damage. If in doubt, consult your dealer.
- Do not connect a plug adapter or other accessories to the power plug.
- Do not modify or extend the power cable.
- Do not use an extension cord or double adapter.

- Ensure that the outlet socket is properly grounded, and that the earth pin on the power cord is not damaged or removed from the power plug. For more details on grounding, inquire at an LG Electronics customer information centre.
- This appliance is equipped with a power cord having an equipment-grounding conductor and a grounding power plug. The power plug must be plugged into an appropriate outlet socket that is installed and grounded in accordance with all local codes and ordinances.
- Do not plug the appliance into a multi socket adapter which does not have a power cable (mounted).
- Do not use a multi socket outlet which is not properly grounded (portable). In case of using a properly-grounded multi socket outlet (portable), use the multi socket outlet with the current capacity of the power cord rating or higher and use the multi socket outlet only for the appliance.
- The appliance should be connected to a dedicated power line which is separately fused.
- Do not plug the appliance into multiple outlet sockets, power boards, or an extension power cable.
- Dispose of all packaging materials (such as plastic bags and styrofoam) away from children. The packaging materials can cause suffocation.
- When installing the drain hose above the sink, install it using a compression rubber, etc. so that the hot water dispensed does not come into contact with your hands.

Operation

- If water penetrates electrical parts of the appliance, disconnect power plug and contact an LG Electronics customer information centre.
- If the power plug is damaged, contact LG Electronics customer information centre to avoid hazards.
- Unplug the power plug during a severe thunderstorm or lightening or when not in use for a long period of time.

- Do not touch the power plug or the appliance controls with wet hands.
- Do not bend the power cable excessively or place a heavy object on it.
- Immediately unplug the power plug and contact an LG Electronics customer information centre if you detect a strange sound, odour, or smoke coming from the appliance.
- Do not place hands or metallic objects inside the area emitting the cold air, cover or heat releasing grille on the back.
- Do not place heavy or fragile objects, containers filled with liquid, combustible substances, flammable objects (such candles, lamps, etc.), or heating devices (such as stoves, heaters, etc.) on the appliance.
- Do not use flammable or combustible substances (ether, benzene, alcohol, chemical, LPG, combustible spray, insecticide, air freshener, cosmetics, etc.) near the appliance.
- If water is leaking from the inside of the appliance or water has collected near the appliance, close the water supply valve, unplug the power plug.
- Do not move the appliance while the appliance is plugged in.

CAUTION

⚠ CAUTION

- To reduce the risk of minor injury to persons, malfunction, or damage to the product or property when using this product, follow basic precautions, including the following:

Installation

- To prevent hot water from splattering, install the drain hose tightly to a drain.
- When installing the drain hose above the sink, install it as far away from the faucet as possible so that the hot water draining does not come into contact with your hands.

Operation

- Replace the filter with a LG standard filter periodically according to the replacement period. Older filters can multiply bacteria or change the taste of the water. The filter replacement period varies according to the usage, place of usage, season, and water quality.
- Use caution while operating and cleaning the dispenser. It will heat water to a temperature of approximately 85 °C. It can cause severe burns if not handled carefully. (models with hot water function)
- Do not bend or pinch the water supply hose and drain hose.
- Do not allow pets, or any persons to hang from or climb on the appliance.
- Prevent animals from nibbling on the power cable or water hose.
- When using hot water, be sure to use a container with a handle. Be careful not to overflow when dispensing 500 ml or 1000 ml. (models with hot water function)

INSTALLATION

Before Installation

Notes for Installation

- Do not lean the appliance more than 30°. Doing so can cause malfunctions.
- Keep about 10 cm of clearance from the wall on the back and both sides for proper ventilation. Failure to do so can cause malfunctions.
  - If the distance between the appliance and the wall is too close, the air may not pass through, so dew may form on the surface of the appliance and the electricity bill may be high.
- When the water pressure is low, the volume of water supply may be small.
- If you do not use the appliance for a while due to moving, etc., store it in an environment where water does not freeze.
  - The appliance may malfunction due to freezing.
- Install on a hard and level floor.
  - If the floor of the installation site is uneven, vibration or noise may occur, and the appliance may fall over and cause injury.
- Places where installation should be avoided for hygienic management of water purifiers and prevention of condensation.
  - Outdoors or in direct sunlight
  - A place close to the toilet
  - In front of air conditioner/heater
  - Other places with high humidity or temperature
- Do not install or use the appliance in a place that uses groundwater.
- Water pressure of 147 kPa to 780 kPa (1.5 kgf/cm^2 to 7.9 kgf/cm^2) is required for the function of the water purifier to function.

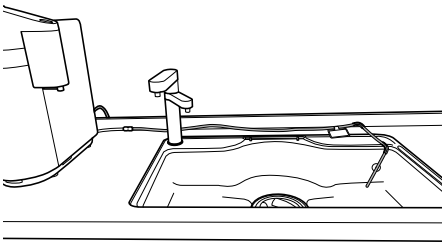
Ambient Temperature

- The appliance is designed to operate within a limited range of ambient temperatures, depending on the climate zone.

  Install the appliance inside with a surrounding temperature of over 5 °C and less than 35 °C.

Notes for Drain Hose Dispensing Hot Water

- The appliance is designed to operate internal water pipe sterilization function periodically every 7 days after installation. When internal water pipe sterilization function is working, the hot water comes out from the drain hose for up to 30 minutes.
- When installing the drain hose above the sink, install it using a compression rubber, etc. so that the hot water dispensed does not come into contact with your hands.
- Do not touch drain hose with your hands.



⚠ WARNING

- Children should be supervised when children use the appliance, otherwise the children may get burned by touching drain hose or water outlet when hot water comes out.

Turning on the Power

Connecting the Appliance

After installing the appliance, connect the power plug into the outlet socket.

NOTE

- Before moving and discarding the appliance, disconnect the plug from the socket outlet.

Final Installation Check

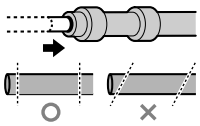
Testing the Appliance

1 Make sure that hoses are connected properly.

2 Dispense over 1000 ml water from the ambient temperature water tap.
   - Water may remain inside the water filtration system due to the inspection process carried out while manufacturing the appliance.

NOTE

- Do not connect the water supply pipe of the appliance to the hot water pipe, and connect it only to the cold water pipe.
- When cutting the tube, cut it vertically to prevent water leakage.



OPERATION

Before Use

General Notes

- If the appliance is not used for a long period, dispense over 500 ml water from the ambient temperature water tap before using the appliance. If water has been left for a long period, bacteria can be generated and water taste can be changed.
- When you fill the cup with water, place it close to the water tap. Water may splash out of the cup and fall to the floor.
- Open the water supply valve. The appliance operates normally when water is supplied properly at a consistent pressure that is within the operating requirement.
- It is very important to replace the filter periodically in order to drink clean water. If an expired filter is used, the water taste may be changed and the filtration function may be degraded.
- Do not use filtered water to replace water in a humidifier or fishbowl. Leaving filtered water as it is for a long period of time may multiply the bacteria.
- Use the appliance only after closing the appliance cover completely. Otherwise, insects or other foreign substances may get in.
- Press the **Volume** button on the appliance to dispense ambient water in 5 different volumes (120 ml, 250 ml, 500 ml, 1000 ml, continuous). The amount of water that comes out may vary depending on the water pressure and flow rate of tap water supplied to each house.

Notes for High-Temperature Sterilization Function

- The water outlet sterilization function can sterilize the pipe connected to the water tap at high temperature.
- The water outlet sterilization function takes about 10 minutes. To use the appliance hygienically, sterilize the water outlet at least once every 3 months.
- Internal water pipe sterilization function sterilizes the ambient water pipes at high temperature every week.

⚠ WARNING

- When the sterilization function is activated, hot water comes out of the drain hose, so pay special attention to burns when the drain hose is installed over the sink.

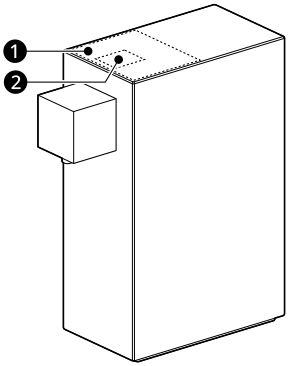
Suggestion for Energy Saving

- If the appliance is not used for a long period, drain the remaining water completely and unplug the power plug.

Product Features

The appearance or components of the appliance may differ from model to model.

Exterior



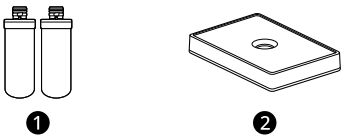
❶ **Control Panel**

You can select the volume of water, color of lighting, etc.

❷ **Dispensing Button**

Press this button to dispense water.

Accessories



❶ Filter

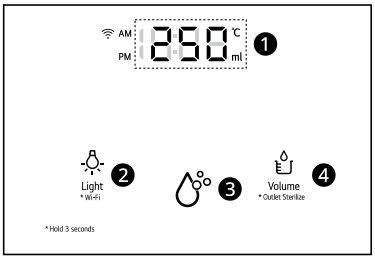
❷ Dispenser Tray

Control Panel

The actual control panel may differ from model to model.

Control Panel and Functions

Press the indicator for the desired function exactly. It may not work if you press the area around the indicator or the letter.



❶ Volume Display

Display the desired volume of water. It can be display up to 1000 ml.

Indicators

Indicator	Description
	The indicator lights up when the appliance is connected to Wi-Fi network at home.
AM PM	When the current time is displayed in the volume display, it lights up according to the time.
	The indicator is orange as a warning that the filter will need to be changed soon.

Dispensing Water

1 Place the bottle, pitcher or cooking pot below the water tap.

2 If necessary, you can customise the volume of water by pressing the **Volume ❹** button. The default volume is 120 ml.

- The dispensed volume of water may vary depending on the installation environment.

3 Press the **Dispensing ❸** button. Once the desired fill level is achieved, release the **Dispensing ❸** button.

Adjusting the Dispensing Volume

Dispensing volume can be adjusted.

- Press the **Volume ❹** button to activate dispensing volume adjustment function. Ambient water can be adjusted in 5 different volumes (120 ml, 250 ml, 500 ml, 1000 ml, continuous).

Dispensing Ambient Water Continuously

1 Place the bottle, pitcher or cooking pot below the water tap.

2 Press the **Volume ❹** button to select Con, then press the **Dispensing ❸** button.

- During water is dispensed continuously, it can be stopped if any button is pressed.
- Continuous water dispensing function can be used for up to 3 minutes.

Activating/Deactivating the Wi-Fi

Press and hold the **Light ❷** button for 3 seconds to initiate the connection of the appliance to the **LG ThinQ** application. To turn off the Wi-Fi function, press the **Light ❷** button for more than 3 seconds.

- Refer to **SMART FUNCTIONS** for information on the initial setup of the **LG ThinQ** application.

Setting lighting

You can set lighting functions.

- You can select and use the desired color of lighting by pressing the **Light ❷** button. A total

of 3 colors (warm beige, cream white, pure white) are available.

- The brightness and color of the light can be set in the **LG ThinQ** application.

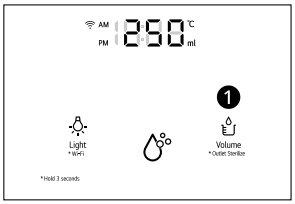
NOTE

- The control panel will turn off automatically for energy saving.
  - 1 minute after power on
  - If there is no button operation for 1 minute after pressing the desired button.
- If there is any finger or skin contacts to the control panel while cleaning it, the button function may operate.
- The control panel is lighted in the following cases.
  - Power on
  - Press button
- The button in the control panel is activated in response to an object with static electricity.
- If the control panel is dark, you can use the function by pressing the button.
- If there is a foreign object in the control panel or if you press the button with a cloth or gloves, it may not work.
- If there is a moisture in the control panel may cause malfunction.

Using the Sterilization Function

Using the Water Outlet Sterilization Function

This function sterilizes the pipe connected to the water tap in a physical way with hot water for about 10 minutes.



1 Place a container of 300 ml or more under the water tap.

2 Press and hold the **Volume** ❶ button for 3 seconds or longer and then press the **Dispensing** button.
- If you want to cancel the water outlet sterilization function while it is in use, press and hold the **Dispensing** button for 3 seconds or longer.

⚠ WARNING

- When the sterilization function is activated, hot water comes out of the drain hose, so pay special attention to burns when the drain hose is installed over the sink.

⚠ CAUTION

- Hot water will be dispensed from the water outlet after about 7 minutes. Be careful not to touch the water outlet with your hands.
- Be careful not to let children use it as hot water is dispensed from the water outlet.
- Depending on the surrounding the time for water to be dispensed. The time when water comes out may change.

Setting the Internal Water Pipe Sterilization Time

You can set the internal water pipe sterilization to be performed at a desired time.

- You can set the internal water pipe sterilization time in the **LG ThinQ** application.

NOTE

- Depending on the usage environment, the time for hot water to be dispensed may vary.
- The internal water pipe sterilization function operates every week after installation.
  - It sterilizes the ambient water pipes in a physical way every weeks at a high temperature for about 10 minutes.

- When canceling the internal water pipe sterilization function, it takes about 5 minutes to clean the pipe.

SMART FUNCTIONS

LG ThinQ Application

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

LG ThinQ Application Features

Communicate with the appliance from a smartphone using the convenient smart features.

Water Usage

- You can check water usage, etc.

Lighting Settings

- There are three colors (warm beige, cream white, pure white) and five levels of brightness (off, 25%, 50%, 75%, 100%).
- You can turn the lights on and off by setting the desired time.

Alarm Light Settings

- You can set an alarm.
- The buzzer sounds once at the set time, and the orange LED flashes for one minute.

Set Do Not Disturb Mode

- You can set the do not disturb mode.
- During the set time, the sound of the product changes to silent and the brightness is adjusted. The brightness can be adjusted to two levels (off, 30%).

Dispensing Lighting Settings

- You can adjust the brightness of the lighting lamp in five levels when dispensing water (off, 25%, 50%, 75%, 100%).

Smart Diagnosis

- If you experience a problem while using the appliance, this smart diagnosis feature will help you diagnose the problem.

Schedule High-temperature Internal Water Pipe Sterilization

- The internal water pipe is sterilized at the scheduled time and every week thereafter.

Changing the Default Water Dispense Settings

- You can set the default water dispense by selecting the volume (120 ml, 250 ml, 500 ml, 1000 ml).

Changing Volume Settings

- You can change the default water dispensing volume in units of 10 ml between 120 ml and 1000 ml.
- When the setting is complete in the **LG ThinQ** application, the selection volume of the product control panel changes to the setting value.

Time Display Settings

- You can set the time to be displayed in the control panel.

Settings

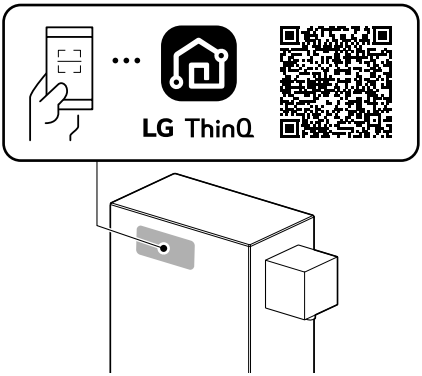
- Allows you to set various options on the appliance and in the application.

NOTE

- In the following cases, you must update the network information for each appliance in the **LG ThinQ** application under **Device Cards ⟶ Settings ⟶ Change Network**.
  - wireless router is changed
  - wireless router password is changed
  - Internet service provider is changed
- The application is subject to change for appliance improvement purposes without notice to users.
- Functions may vary by model.

Installing LG ThinQ Application and Connecting an LG Appliance

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



NOTE

- To verify the Wi-Fi connection, check that icon on the control panel is lit.
- The appliance supports 2.4 GHz Wi-Fi networks only. To check your network frequency, contact your Internet service provider or refer to your wireless router manual.
- **LG ThinQ** is not responsible for any network connection problems or any faults, malfunctions, or errors caused by network connection.
- The surrounding wireless environment can make the wireless network service run slowly.
- If the distance between the appliance and the wireless router is too far, the signal strength becomes weak. It may take a long time to connect or installation may fail.
- If the appliance is having trouble connecting to the Wi-Fi network, it may be too far from the router. Purchase a Wi-Fi repeater (range extender) to improve the Wi-Fi signal strength.
- The network connection may not work properly depending on the Internet service provider.
- The Wi-Fi connection may not connect or may be interrupted because of the home network environment.
- The appliance cannot be connected due to problems with the wireless signal transmission. Unplug the appliance and wait about a minute before trying again.
- If the firewall on your wireless router is enabled, disable the firewall or add an exception to it.
- The wireless network name (SSID) should be a combination of English letters and numbers. (Do not use special characters.)
- Smartphone user interface (UI) may vary depending on the mobile operating system (OS) and the manufacturer.
- If the security protocol of the router is set to **WEP**, you may fail to set up the network. Please change it to other security protocols (**WPA2** is recommended) and connect the product again.
- To disable the Wi-Fi function, press and hold the **Light** button for 3 seconds. The icon will be turned off.
- To reconnect the appliance or add another user, press and hold the **Light** button for 3 seconds to temporarily turn it off. Run the **LG ThinQ** application and follow the instructions in the application to connect the appliance.

Radio Equipment Specifications

Type	Operating Frequency Range	Output Power (Max.)
Wireless LAN	2400 MHz - 2483.5 MHz	< 100 mW
Bluetooth*1		

*1 This feature is only available on some models.

For consideration of the user, this device should be installed and operated with a minimum distance of 20 cm between the device and the body.

Radio Communications Act B.E. 2498

กสทช.

เครื่องวิทยุคมนาคมนี้ ได้รับยกเว้น ไม่ต้องได้รับใบอนุญาตให้มี ใช้ซึ่งเครื่องวิทยุคมนาคม หรือตั้งสถานีวิทยุคมนาคมตามประกาศ กสทช. เรื่อง เครื่องวิทยุคมนาคม และสถานีวิทยุคมนาคมที่ได้รับยกเว้นไม่ต้องได้รับใบอนุญาตวิทยุคมนาคม ตามพระราชบัญญัติวิทยุคมนาคม พ.ศ. 2498

กสทช. | โทรคมนาคม
กำกับดูแลเพื่อประชาชน
Call Center 1200 (โทรฟรี)

Open Source Software Notice Information

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

LG Electronics will also provide open source code to you on CD-ROM for a charge covering the cost of performing such distribution (such as the cost of media, shipping, and handling) upon email request to opensource@lge.com.

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

Smart Diagnosis

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

NOTE

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

Using LG ThinQ to Diagnose Issues

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

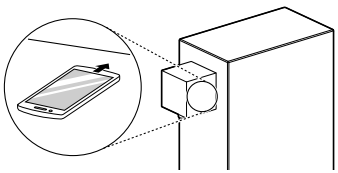
- Launch the **LG ThinQ** application and select the **Smart Diagnosis** feature in the menu. Follow the instructions provided in the **LG ThinQ** application.

Using Audible Diagnosis to Diagnose Issues

Follow the instructions below to use the audible diagnosis method.

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

1 Turn on the power, then put the smartphone on the smart diagnosis logo.
   - Position the phone so that its microphone is aligned with the speaker hole.



2 Press and hold the **Volume** and **Dispensing** buttons for 3 seconds or longer while holding your phone to the speaker until the data transfer is complete.

3 After the data transfer is complete, 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

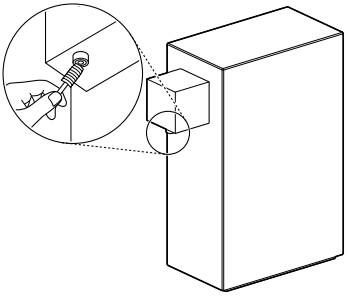
General Cleaning Tips

- Do not clean the appliance with a water jet.
- When cleaning, maintaining or disassembling parts, disconnect the power plug first to avoid hazards.
- Do not rinse the machine directly with tap water or immerse it in water. Water may enter the machine and cause a hazard.
- Use a soft wet towel to wipe the exterior of the appliance. If you have used a neutral detergent, wipe it with a clean towel to make sure it does not stain.
- Do not use a rough brush, or detergent (such as toothpaste, alcohol, thinner, bleach, benzene, flammable liquid or polish) to remove adhesive marks or hand prints on the surface of the appliance.
  - This can cause discoloration of the appliance exterior or appliance damage.
- Clean the dispensing water tap and outlet periodically with a soft cleaning brush.
  - If it is not cleaned periodically, lint, lime components (calcium, magnesium), or foreign substances can appear on the outlet.
- Keep all drain outlets clear and unblocked.
- It is normal for the appliance to release a small amount of water through the drain hose during each heating period. It is essential for its safe operation.

Cleaning the Water Outlet

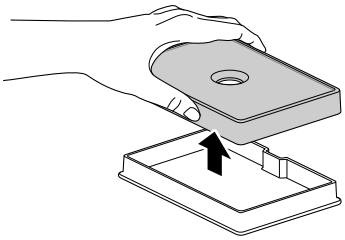
Clean the water outlet periodically using a soft brush.

- If it is not cleaned periodically, foreign substances such as lint, lime components (calcium, magnesium) can be built up on the water outlet.



Cleaning the Dispenser Tray

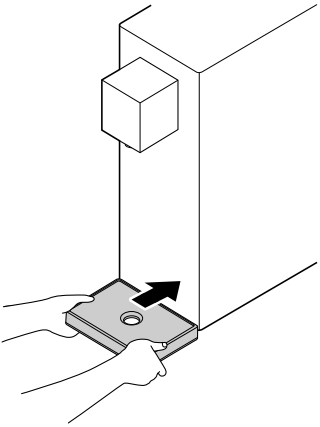
1 Pull the dispenser tray cover upward to remove it.



2 Clean it with water.

3 Wipe the surface of the dispenser tray with a soft cloth.

4 Place the dispenser tray cover on the dispenser tray, adhere it to the center of the front side of the appliance.



Replacing

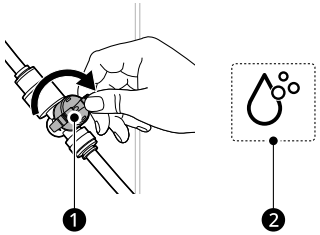
Replacing the Water Filter

If the filter is not replaced regularly, the water quality of the appliance will deteriorate.

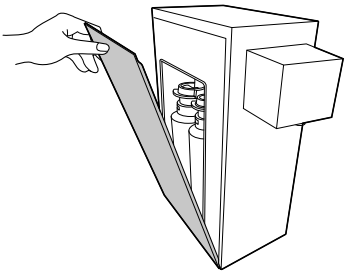
- Estimated replacement cycle may vary depending on raw water quality, water usage and frequency of sterilization.
- The filter replacement cycle is 6 months for Pre Carbon Block+ (9 Heavy Metal Reduction) filter and 12 months for UF (Virus Reduction) filter.
- The filter replacement cycle is based on the use of 10 L per day for a family of 4, and the capacity of the filter may vary depending on water quality, water pressure, season, region, the usage of sterilization funtion.
- For detailed filter replacement methods, refer to the LG Electronics website.

1 Before replacing the filter, be sure to close the water supply valve ❶ and press the **Dispensing** ❷ button to remove the pressure.

- If you release the pressure, water may flow from the outlet. Place a cup or container under the outlet beforehand.
- If the water supply valve is not closed, leakage may occur.
- If you replace the filter without removing the pressure, water can splash by water pressure.



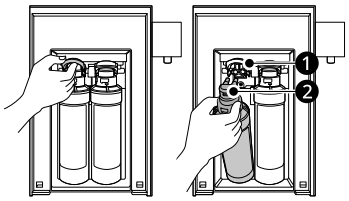
2 Hold the upper left part of the filter cover and pull it forward.



3 After lifting the filter joint ❶, hold the filter head ❷ and pull the filter to separate it.

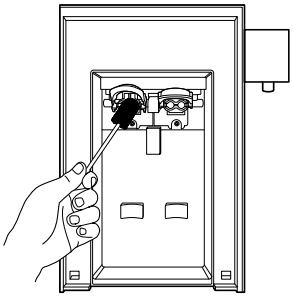
- Before replacing the filter, make sure to turn off the water supply and press the **Dispensing** button to remove the pressure. If you replace the filter without removing the pressure, water may splash due to the water pressure.

- Be careful not to let the filter fall forward when lifting the filter head.

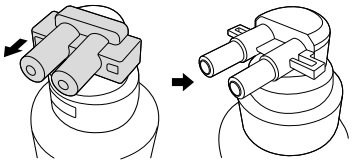


4 Clean the filter joint with a brush.

- Insert the brush and wipe with 2-3 rotations.

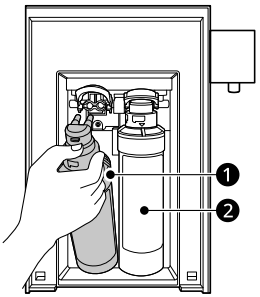


5 Remove the cap of the new filter.



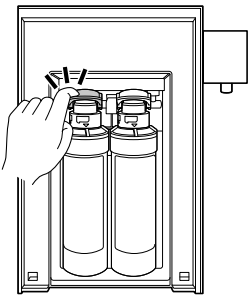
6 Lift the filter joint and insert the filter from the bottom. When inserting the filter, insert the same color as the label and the filter joint.

- ❶: Pre Carbon Block+ (9 Heavy Metal Reduction) filter (purple, every 6 months)
- ❷: UF (Virus Reduction) filter (red, every 12 months)

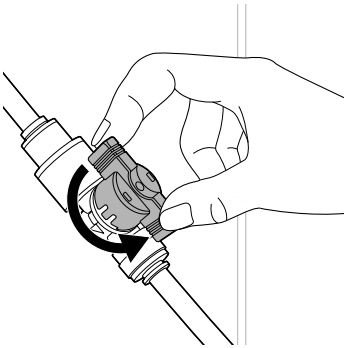


7 Lower the filter joint, until you hear a 'click' sound and fully install it.

- If the filter joint is not completely lowered, water leakage may occur.

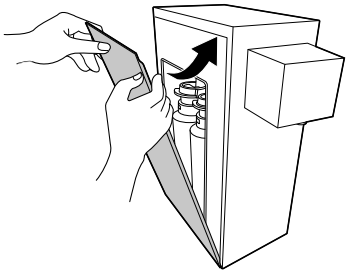


8 Open the water supply valve.



9 **Close the filter cover with both hands and check that its left and right sides are closed properly.**

- When closing the filter cover, assemble it from the bottom hook first.
- When you close the filter cover, **the filter cleaning will be carried out automatically for about 7 minutes**.
- When the filter is cleaned, you can hear water flowing from the product.
- Do not cancel filter cleaning after replacing with a new filter.



⚠ CAUTION

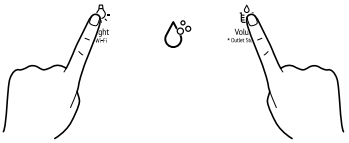
- If you stop washing the filter arbitrarily, it may affect the taste of water, so finish washing the filter and use it.

NOTE

- If the filter has not been replaced, you can cancel the filter cleaning by pressing the **Dispensing** button for 3 seconds.

10 When the filter cleaning is completed, press the **Light** and **Volume** button for 3 seconds or longer to reset the filter usage.

- When you replace the filter, the **Dispensing** button changes from orange to white.



NOTE

- Filter reset is a function that resets the life of the filter to 0 L and counts the life anew. If the filter usage is exceeded, the water purification effect will decrease.

11 Use the appliance after resetting the filter usage and dispensing 120 ml water from ambient temperature water tap.

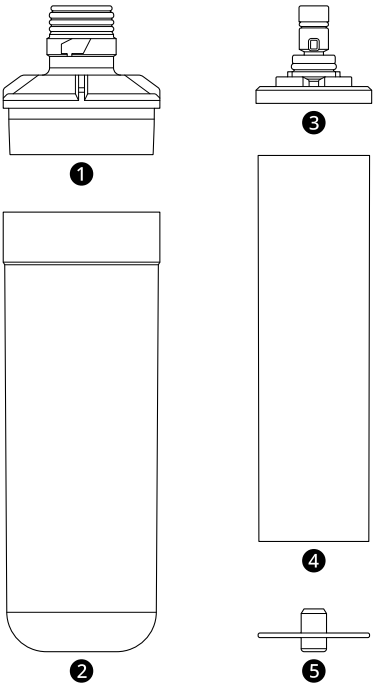
⚠ CAUTION

- If the filter is not in place, the amount of water dispensed may be reduced.
- If the filter is not properly connected to the filter joint, water leakage may occur.
- Replacing the filter with excessive force may cause damage.
- After replacing the filter, initialize the filter usage by pressing the **Light** and **Volume** buttons for at least 3 seconds.

Substance Reduction (KC Standard)

Pre Carbon Block+ (9 Heavy Metal Reduction)

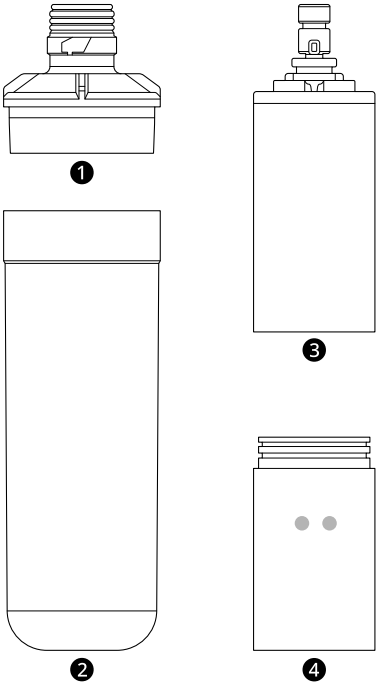
Lead, Mercury, Cadmium, Manganese, Ferrous Aluminum, Zinc, Arsenic, Copper and VOCs



1. Upper Housing (PP)
2. Lower Housing (PP)
3. Filter Cap (ABS)
4. Carbon Block (Activate Carbon, PE, Zr)
5. Bottom Cap (ABS)

UF (Virus Reduction)

Virus (Tested by norovirus), Bacteria



1. Upper Housing (PP)
2. Lower Housing (PP)
3. Electronic Adsorption & Carbon Block (Activate Carbon, PE, Cellulose, Cation Material)
4. UF (PS, ABS, PU)

TROUBLESHOOTING

Before Calling for Service

Water

Symptoms	Possible Cause & Solution
Water tastes strange.	**Have you not dispensed water for a long period?** • Some bacteria can be generated in the water filtration system. It can cause problems. Dispense over 500 ml water from the ambient temperature water tap.
	Have you installed the appliance long ago or not changed filter for a long period? • If the filter is not replaced regularly, the water quality of the appliance will deteriorate. Replace a new water filter.
Fine particles occur in the filtered water.	**Did water bubbles form?** • Water bubbles may form in the draining process. It is safe for you to drink. • If fine particles still remain in the dispensing water, shut off the valve located at the connection to the water source and contact your distributor, supplier or dealer.

Dispensing

Symptoms	Possible Cause & Solution
Water does not dispense.	**Did you shut off the valve located at the connection to the water source?** • Open the valve.
	Did you unplug the power plug from the outlet socket? • Plug the power plug into the outlet socket correctly.
	The appliance might have been broken if you still can not dispense water when you press the ⓓ button or the paddle. • Contact your distributor, supplier or dealer.
Water is dispensing slowly.	**Is the ⓓ light on the control panel orange? Filter(s) will slowly become more clogged by the contaminants as they filter out, slowing water flow.** • Replace a new water filter.
	Something may be blocking water flow. Is a section of hosing pinched? • Check the hoses.

Symptoms	Possible Cause & Solution
The outlet/internal pipe sterilization function do not work.	**Did you shut off the valve located at the connection to the water source?** • Open the valve.
	Is there anything wrong with the appliance even though solving measures? • Contact an LG Electronics customer information centre.
When touching filter cover, it feels warm or a little hot.	**Outlet sterilization or internal pipe sterilization is in progress?** • When the sterilization is in progress, the inside of filters will also be sterilized as hot water passes, so it may feel temporarily hot when touching filter cover.

Noises

Symptoms	Possible Cause & Solution
The appliance is noisy and generates abnormal sounds.	**Is the appliance installed on a weak floor or improperly levelled?** • 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.
	Is there an object on top of the appliance? • Remove the object on top of the appliance.
	Is the water pressure high? • You may hear a valve operating sound when starting or ending water dispense. This is normal.

Wi-Fi

Symptoms	Possible Cause & Solution
Your home appliance and smartphone are not connected to the Wi-Fi network.	**The password for the Wi-Fi that you are trying to connect to is incorrect.** • Find the Wi-Fi network connected to your smartphone and remove it, then register your appliance on **LG ThinQ**.
	Mobile data for your smartphone is turned on. • Turn off the **Mobile data** of your smartphone and register the appliance using the Wi-Fi network.
	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.)

Symptoms	Possible Cause & Solution
Your home appliance and smartphone are not connected to the Wi-Fi network.	**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 distance between the appliance and the router is too far, the signal may be weak and the connection may not be configured correctly. Move the location of the router so that it is closer to the appliance.

