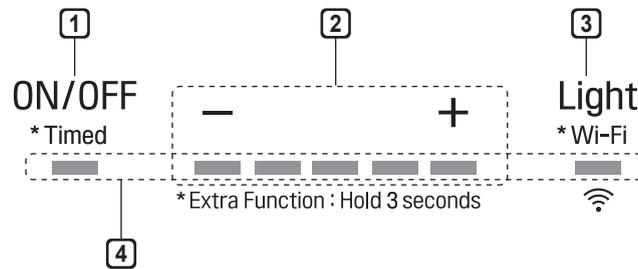


OPERATION



1 POWER / DELAY OFF BUTTON ON/OFF *Timed

Power Button Function

- ON/OFF *Timed Button will turn power on and off for entire hood (fan and lights).
- Hood will remember the last speed and light level it was turned off at.
(Example: Press the ON/OFF *Timed button to turn off the hood with fan speed at level 4 and lights on high. Press the ON/OFF *Timed again and the hood will turn on with the fan speed set to 4 and the lights on high.)

Delay Off Button Function

- With the fan on, press and hold the ON/OFF *Timed button for three seconds. The fan will change to speed 1 and the 5 minute delay off timer will start.
ON/OFF *Timed + — + LEDs will illuminate and slowly blink in accordance with the time remaining until the fan and lights automatically turn off.
- Pressing the ON/OFF *Timed button while the Delay Off Function is enabled will turn the hood off and cancel the Delay Off Function.

2 SPEED SELECTION BUTTON

Fan Speed Decrease Button —

- Press this button to decrease fan speed. 5, 4, 3, 2, 1.
- If fan is On at level 1 and this button is pressed, fan will power Off.

Fan Speed Increase Button +

- Press this button to increase fan speed. Fan On, 1, 2, 3, 4, 5.
- If hood is Off and this button is pressed, fan will turn On at level 1.

3 LIGHT BUTTON Light *Wi-Fi

- The light has two levels: High and Low.
- From off, press one time for High. Press again for Low. Press again to power lights off.
- Press and hold the Light button for 3 seconds to connect to a home Wi-Fi network. See page 8 for more information.

4 DISPLAY INDICATORS

Mesh Filter Clean Reminder (always enabled)

- After 30 hours of fan usage, the — button indicator will begin to slowly blink indicating it is time to clean the mesh filters.
- **To reset:** With hood off: hold the — button for three seconds. All LED indicators will blink two times confirming the 30 hour timer has been reset.

SMART FUNCTIONS

LG ThinQ Application

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

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

LG ThinQ Application Features

Settings

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

Monitoring

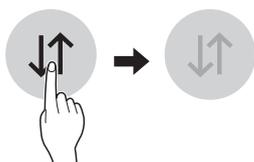
This function helps you recognize the current status, remaining time, cook settings and end time on the screen.

NOTE

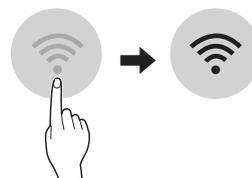
- If you change your wireless router, Internet service provider, or password, delete the registered appliance from the **LG ThinQ** application and register it again.
- This information is current at the time of publication. The application is subject to change for product improvement purposes without notice to users.
- 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 takes long time to register or fails 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 **Wi-Fi**  icon on the control panel is lit.
- The appliance supports 2.4 GHz Wi-Fi networks only. To check your network frequency, contact your Internet service provider or refer to your wireless router manual.
- **LG ThinQ** is not responsible for any network connection problems or any faults, malfunctions, or errors caused by network connection.
- The surrounding wireless environment can make the wireless network service run slowly.
- If the appliance is having trouble connecting to the Wi-Fi network, it may be too far from the router. Purchase a Wi-Fi repeater (range extender) to improve the Wi-Fi signal strength.
- The network connection may not work properly depending on the Internet service provider.
- The Wi-Fi connection may not connect or may be interrupted because of the home network environment.
- If the appliance cannot be 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.

Wireless LAN Module Specifications

Model	LCW-003
Frequency Range	2412 - 2462 MHz
Output Power (Max)	< 30 dBm

FCC Notice

- For transmitter module contained in this product

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

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

Any changes or modifications in construction of this device which are not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC RF Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be colocated or operating in conjunction with any other antenna or transmitter.

This equipment should be installed and operated with a minimum distance of 20 cm (7.8 inches) between the antenna and your body. Users must follow the specific operating instructions for satisfying RF exposure compliance.

Industry Canada Statement

- For transmitter module contained in this product

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

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

IC Radiation Exposure Statement

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

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

NOTE

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

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

MAINTENANCE

Surface Maintenance

Clean periodically with hot soapy water and a clean cotton cloth. Do not use corrosive or abrasive detergent, or steel wool/scouring pads which will scratch and damage surface. Do not use products containing chlorine bleach or citrus-based cleaners.

For heavier soil use liquid degreaser.

After cleaning, you may use non-abrasive stainless steel polish or cleaners to polish and buff out the stainless luster and grain. Using a clean microfiber or cotton cloth, scrub lightly and with the grain.

Aluminum Mesh Filters

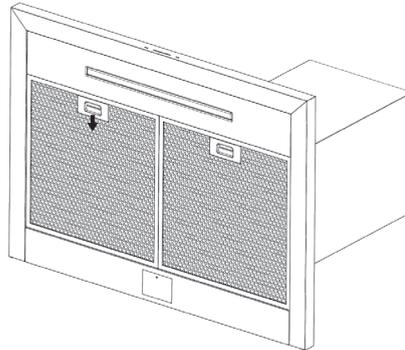
The aluminum mesh filters installed by the factory are intended to filter out residue and grease from cooking. They don't need to be replaced on a regular basis, as long as they are kept clean.

Remove and clean by hand or in dishwasher on low heat. Spray degreasing detergent and leave to soak if heavily soiled.

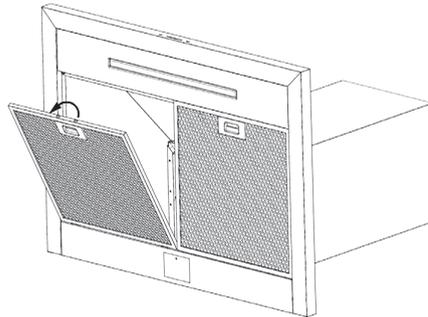
Dry filters and re-install before using hood.

Removing Mesh Filters

- 1 Push handle on filter toward back of range hood.



- 2 Pivot the front of the filter down and pull the filter forward to remove it.



- Follow these steps in reverse to reassemble the filter.

TROUBLESHOOTING

Before Calling for Service

Symptoms	Possible Causes / Solutions
After installation, the unit doesn't work.	<ul style="list-style-type: none"> • The power source is not turned ON. <ul style="list-style-type: none"> - Make sure the circuit breaker and the unit's power is ON. • The power cord and the cable locking connector are not connected properly. <ul style="list-style-type: none"> - Make sure the power cord is properly connected to the unit.
Lights work, but blower is not turning.	<ul style="list-style-type: none"> • The thermally protected system detects if the blower is too hot to operate and shuts the blower down. <ul style="list-style-type: none"> - The blower will function properly after the thermally protected system cools down.
The unit is vibrating.	<ul style="list-style-type: none"> • The blower is not securely in place. <ul style="list-style-type: none"> - Tighten the screws holding the blower in place. • Damaged blower wheel. <ul style="list-style-type: none"> - Call for service. • The hood is not secured in place. <ul style="list-style-type: none"> - Check the installation of the hood.
The blower is working, but the lights are not.	<ul style="list-style-type: none"> • Call for service.
The speed levels of the blower sound the same.	<ul style="list-style-type: none"> • Using the wrong size of ducting. <ul style="list-style-type: none"> - Change the ducting to at least 8" round or 3-1/4" x 10" rectangular for single blower or 10" round for dual blower.
The hood is not venting out properly.	<ul style="list-style-type: none"> • The hood might be hanging too far above the cook top. <ul style="list-style-type: none"> - Adjust the distance between the cook top and the bottom of the hood to within 26" to 36". • The wind from the opened windows or opened doors in the surrounding area are affecting the ventilation of the hood. <ul style="list-style-type: none"> - Close all windows and doors to eliminate the outside wind flow. • Blockage in the duct opening or duct work. <ul style="list-style-type: none"> - Clear any blockages from the duct work or duct opening. • The direction of duct opening is against the wind. <ul style="list-style-type: none"> - Adjust the duct opening direction. • Using the wrong size of ducting. <ul style="list-style-type: none"> - Change the ducting to correct size.
Mesh filter is vibrating.	<ul style="list-style-type: none"> • Mesh filter is loose. <ul style="list-style-type: none"> - Change the metal filter.
The unit turns on by itself.	<ul style="list-style-type: none"> • A spot light or kitchen lamp is shining directly onto the switch controls. <ul style="list-style-type: none"> - The switch controls are light sensitive. A light source aimed directly at the switch controls may disrupt switch functions.

Symptoms	Possible Causes / Solutions
Trouble connecting appliance and smartphone to Wi-Fi network	<ul style="list-style-type: none">• The password for the Wi-Fi network was entered incorrectly.<ul style="list-style-type: none">- Delete your home Wi-Fi network in the application and begin the registration process again.• Mobile data for your smartphone is turned on.<ul style="list-style-type: none">- Turn off the Mobile data on your smartphone before registering the appliance.• The wireless network name (SSID) is set incorrectly.<ul style="list-style-type: none">- The wireless network name (SSID) should be a combination of English letters and numbers. (Do not use special characters.)• The router frequency is not 2.4 GHz.<ul style="list-style-type: none">- Only a 2.4 GHz router frequency is supported. Set the wireless router to 2.4 GHz and connect the appliance to the wireless router. To check the router frequency, check with your Internet service provider or the router manufacturer.• The distance between the appliance and the router is too far.<ul style="list-style-type: none">- If the appliance is too far from the router, the signal may be weak and the connection may not be configured correctly. Move the router closer to the appliance or purchase and install a Wi-Fi repeater.